

**ACADEMIC PROGRAM REVIEW
INTERDISCIPLINARY Ph.D. PROGRAM IN
URBAN DESIGN AND PLANNING**

**The Graduate School
University of Washington, Seattle Campus**

December 2013

Last Review: 2004

Director: Marina Alberti, Urban Design and Planning

Steering Committee: Daniel Abramson, Urban Design and Planning
Christine Bae, Urban Design and Planning
Ann Bostrom, Evans School of Public Affairs
Gordon Bradley, Environmental & Forest Sciences
Cynthia Chen, Civil & Environmental Engineering
Stevan Harrell, Anthropology
Robert Mugerauer, Urban Design and Planning
Anne Vernez-Moudon, Urban Design and Planning
Qing Shen, Urban Design and Planning

Tracy Fuentes and Susmita Rishi (URBDP PhD Students)

Program Operations: Jean Rogers, Graduate School

TABLE OF CONTENTS

Part A: Background Information	3
<u>Section 1: Overview of the Organization</u>	3
1.1 Mission and Organizational Structure	5
1.2 Budget and Resources	8
<u>Section 2: Teaching and Learning</u>	10
2.1 Student Learning Goals and Outcomes	10
2.2 Instructional Effectiveness	13
2.3 Teaching and Mentoring Outside the Classroom	14
<u>Section 3: Scholarly Impact</u>	16
3.1 Broad Impact	16
3.2 Faculty Impact	17
3.3 Student Impact	20
3.4 Impact of Graduates	20
3.5 Impact of Changing Paradigms	21
3.6 Collaborative Efforts	21
3.7 Junior Faculty Development	25
3.8 Faculty Diversification & Diversity Impact	25
<u>Section 4: Future Directions</u>	25
Part B: Unit-Defined Questions	26
Part C: Appendices	
Appendix A: Organization Chart	33
Appendix B: Budget Summary	34
Appendix C: Information about Faculty	35
Appendix D: Graduate Placement	107
Appendix E: Student Roster, Student Awards, Publications, & Presentations	110
Appendix F: Dissertation Titles	116
Appendix G: Student Demographics	120
Appendix H: Strategic Plan 2008-2013	121
Appendix I: Full curriculum	157

PART A: BACKGROUND INFORMATION

Section 1: Overview of the Organization

The Field of Urban Design and Planning

Planning is a multidisciplinary field dedicated to helping society manage change (ACSP 1996). It has roots in engineering, geography, law, architecture, landscape architecture, social sciences, ethics and public affairs. More recently, it also engages with the natural sciences as issues of the impact of urban development on the natural environment receive more academic and policy attention. Looking towards the future, the field of planning has the potential to fill a critical academic niche, by drawing together interdisciplinary efforts to address complex urban and environmental problems that defy solutions crafted within single disciplines.

The field of urban planning as a subject of graduate education is firmly established in academia. There are 75 U.S. universities that offer professional master's degrees in planning (according to the *Association of Collegiate Schools of Planning Guide to Undergraduate and Graduate Education in Urban & Regional Planning*, 18th Edition 2012). Ph.D. programs have been growing slowly, but continuously, since 1965, to a total of 39 programs now listed for the U.S. and Canada in the *Association of Collegiate Schools of Planning Guide to Graduate Education in Urban and Regional Planning*. The Ph.D. in Urban Design and Planning at the University of Washington is one of the oldest, founded in 1967.

This program brings together faculty from disciplines ranging from Architecture to Civil & Environmental Engineering to Forest Sciences and Epidemiology to focus on the interdisciplinary study of urban problems and interventions. Covering scales from neighborhoods to metropolitan areas, the program addresses interrelationships between the physical environment, the built environment, and the social, economic, and political institutions and processes that shape urban areas. The breadth of this program permits students to pursue doctoral studies in the various aspects of urban design and planning as well as in a number of related social science, natural resource, and engineering areas.

The intellectual focus of the program centers around three unique research clusters bringing together interdisciplinary perspectives from the social and natural sciences, humanities, design, and planning disciplines. Each cluster applies the research to the formation and evaluation of urban and environmental plans and policies. The research clusters are:

Urban Ecology and Wellbeing

This research cluster focuses on the interactions between urban system dynamics, ecosystem function, and human wellbeing across multiple spatial and time scales. It is grounded in the emerging science of coupled human-natural systems and its interface with the theories and policies of planning and design. The conceptualization of human wellbeing draws on theories from preventive medicine and health promotion, which address both physical and mental health at the individual and the group levels.

Urban Development Processes

This research cluster inquires into the social, political and cultural norms and functions of planning and other forms of spatial collective and cumulative individual actions, manifest in the community, city and region. The cluster addresses core problems of how entities acting at these scales negotiate or contest access to urban space, and participate in economic, housing, real estate, and community development. Concerns include social and economic vitality of city regions; urban design as an expression of socio-political relationships; equity in benefits and access across economic groups and geography; gentrification pressures; addressing market failure; and assessing, apportioning, and reducing risk.

Urban Environment & Transportation

This research cluster examines the connection between urban (built) environment and transportation at scales ranging from neighborhood to metropolitan region. Drawing from multiple disciplines including behavioral sciences, economics, geography, engineering, and public health, it explores ways to improve the spatial organization of urban activities to make cities more accessible, viable, and sustainable.

The following Charts illustrate the current distribution of faculty, students, departments (Figure 1), and active research projects (Figure 2) by the new defined Program's intellectual clusters.

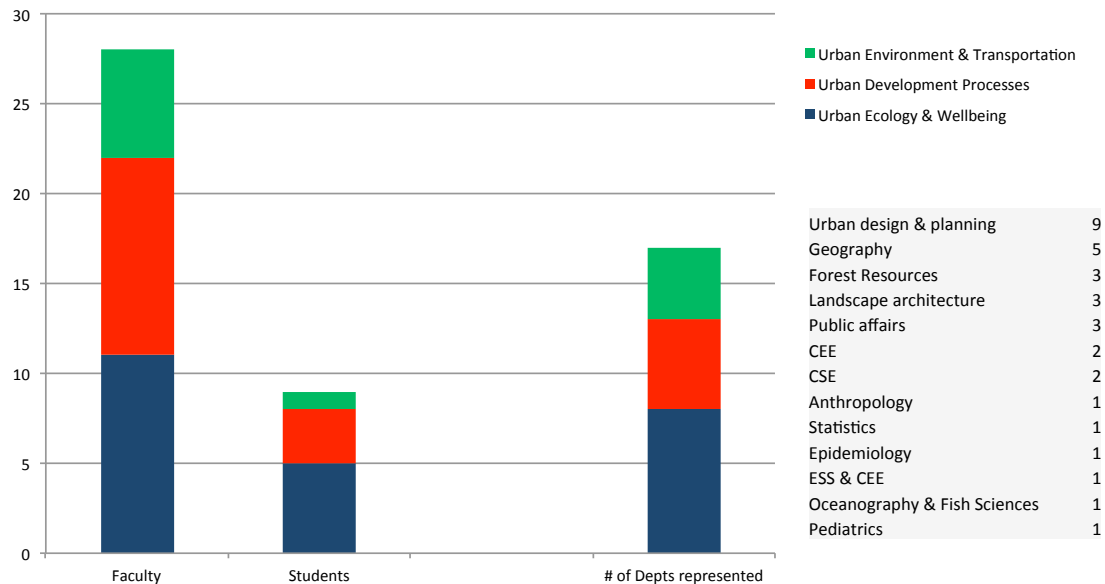


Figure 1 Students and faculty by cluster

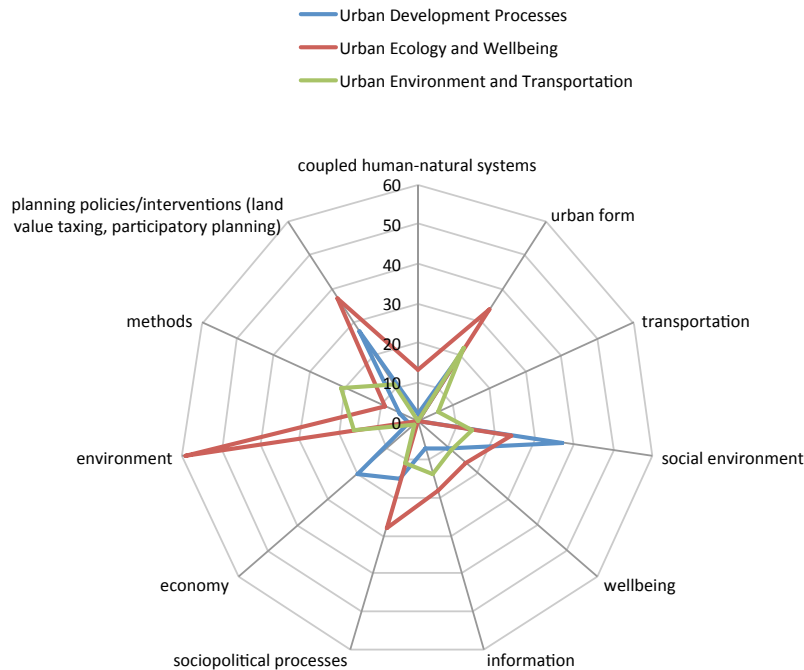


Figure 2 Active Research Projects by Themes and Clusters

Mapping the Future

Over the last decade the Interdisciplinary PhD Program in Urban Design and Planning has engaged in two major initiatives to identify key challenges and opportunities for planning research and practice and to examine their implications for graduate education. Through a Strategic Planning Effort (2008) followed by a recent initiative named "Mapping the Future" (2012), faculty and students collectively refined the intellectual focus of the program and took important steps such as the most recent Curriculum review, to realign the program structure to the renewed identity.

1.1 Mission and Organizational Structure

The program seeks to prepare scholars who can advance the state of research, practice, and education related to the built environment and its relationship to society and nature in metropolitan regions throughout the world. The program provides a strong interdisciplinary educational experience that draws on the resources of the entire University and on the laboratory provided by the Seattle metropolitan region and the Pacific Northwest. The program emphasizes the educational values of interdisciplinarity, intellectual leadership and integrity, and the social values of equity, democracy and sustainability. It seeks to promote deeper understanding of the ways in which public decisions shape and are shaped by the urban physical, social, economic, and natural environment. The program envisions its graduates becoming leaders in the international community of researchers, practitioners and educators who focus on improving the quality of life and environment in metropolitan regions.

The program offers the PhD degree.

Table 1. Enrollment statistics

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Ph.D.	22	22	23	20	23	23	23	24	26	24

Graduation statistics are as follows:

Ph.D.	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
	3	2	4		5	4	5	2	3	7

Admission statistics are as follows:

Ph.D.	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Apps. (Aut. Qtr.)	48	35	56	38	53	63	79	97	86	99
Number Denied	45	30	47	33	45	54	73	87	76	92
Percentage Denied	93.8%	85.7%	83.9%	86.8%	84.9%	85.7%	92.4%	89.7%	88.4%	92.9%
Number of Offers	3	5	9	5	6	7	6	7	9	7
Percentage of Offers	6.3%	14.3%	16.1%	13.2%	11.3%	11.1%	7.6%	7.2%	10.5%	7.1%
Percentage of Offers Accepted	100.0%	40.0%	77.8%	60.0%	50.0%	57.1%	83.3%	57.1%	33.3%	42.80%

As shown in the Table 1, applications have almost doubled since 2004, and the denial rate has remained very high. This allows the program to be very selective in its admissions, despite the fact that student funding has declined and is not on par with our peer institutions (gleaned from an informal survey February 2010). The program continues to fund most of its students through faculty research funding, as is indicated in the following chart:

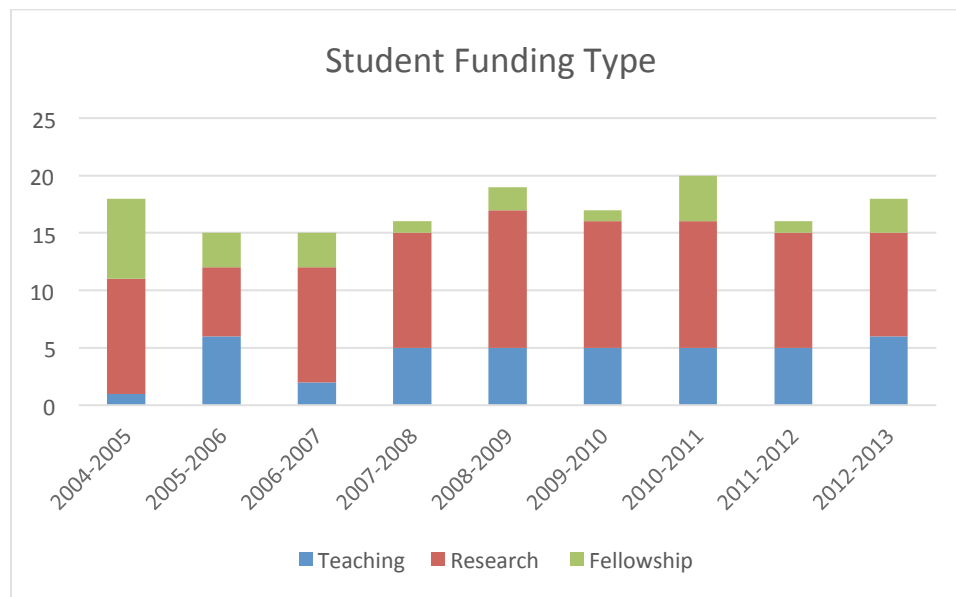


Figure 3 Student Funding

The capacity to fund students is instrumental to be able to compete effectively for top applicants. Remarkably in the last couple of years as research funding has become scarcer, we have been able to capture most of our top applicants. We interpret this as a positive indication of the program's strength.

In addition, we have partnered with the Department of Statistics, so that students from this program can pursue a statistics track.

The **organizational structure** is shown in Appendix A. The program is housed in the Department of Urban Design and Planning (College of Built Environments) but located administratively in the Graduate School. The **Program Director**, Marina Alberti, and the **Steering Committee** guide the program. The steering committee, currently composed of 10 faculty members and two student representatives, meets approximately every 2 weeks during the academic year, or as needed. Each member agrees to a three year term, although the terms can be extended as needed. Steering committee members are nominated by the current steering committee, with the goal of diversity of home department and seniority. The Director of the Program and the Chair of Urban Design and Planning (the MUP program) serve continually on the steering committee. The current steering committee is:

Marina Alberti, Professor, Urban Design and Planning
Daniel Abramson, Associate Professor, Urban Design and Planning
Christine Bae, Associate Professor, Urban Design and Planning
Ann Bostrom, Professor, Evans School of Public Affairs
Gordon Bradley, Professor, Environmental & Forest Sciences
Cynthia Chen, Associate Professor, Civil & Environmental Engineering
Stevan Harrell, Professor, Anthropology
Robert Mugerauer, Professor, Urban Design and Planning
Anne Vernez-Moudon, Professor, Urban Design and Planning
Qing Shen, Professor & Chair, Urban Design and Planning
Ph.D Students: Tracy Fuentes and Susmita Rishi

The **Interdisciplinary Group** of faculty is composed of 19 core and 35 affiliate faculty. **Core faculty** are those that have worked with at least three students in the program over the last three years, in at least two of the following capacities: teaching, committee membership, or funding. Voting on program affairs is restricted to core faculty.

New faculty members are voted into the interdisciplinary group once per year. The steering committee solicits nominations from all the students and faculty in the program. Then the steering committee determines who from this list to invite. (They must be members of the UW Graduate Faculty, per Graduate School memorandum #5, <http://www.grad.washington.edu/policies/memoranda/memo05.shtml>). If those invited are interested in joining the Interdisciplinary Group, they are voted into the group by the core faculty. The new interdisciplinary group members initially serve a three year term as an affiliate faculty

member. After that they can be re-designated as core faculty, depending on level of involvement and interest.

Student representatives fully participate in the Steering Committee. They attend the meetings (except when addressing confidential matters, such as admissions) providing input on student issues and on all program's activities, serve on steering committee sub-committees (such as the curriculum committee and annual symposium committee), and report back to other the students in the program. Students as well as other faculty members are often fully involved in curriculum decisions, “mapping the future of the program” to re-define the intellectual focus, strategic planning meetings, web site development decisions, annual symposium theme and speaker decisions, and academic program review planning meetings. The unit regularly relies on shared governance and constituent participation from both faculty and students.

The **academic and non-academic staff** includes the Program Director and the Program Coordinator. Program Director, Marina Alberti oversees the academic decisions and functioning of the unit, with the assistance of the steering committee. Jean Rogers, Program Operations Specialist, provides staff support with approximately one third of her time. Jean Rogers is housed administratively in the Graduate School, and provides staff support for two other interdisciplinary doctoral programs as well as an NIH training grant. The steering committee provides consultation on program direction, intellectual focus, strategic planning, curriculum changes, annual symposia, student progress and funding, faculty additions, steering committee composition, and admissions. Core faculty vote on issues regarding adding new members to the group, and major issues such as changes in intellectual focus or curriculum changes.

1.2 Budget and Resources

See Appendix B: Budget Summary.

The **annual budget** is from the Graduate School:

3 nine month research assistantships at	\$16,227 =	\$48,681
Director's supplement:		\$4500
1 fellowship (if renewed each year)		\$16,227
Operations		\$2500
Discretionary (support for annual symposium and research seminars)		\$4500
Travel (for students to conferences; can be applied for)		

Note:

- All the faculty salaries are provided by the home departments of the faculty.
- The Program Operations Specialist's salary is part of a shared position that also includes responsibilities for the two other interdisciplinary doctoral programs and an NIH training grant. This is provided by the central budget of the Graduate School Dean's Office.
- While the Graduate School manages a fund in which all units can apply for student funding to conferences when presenting (\$300 toward domestic airfare/\$500 toward

international airfare, once every other year), the program does not have a separate fund for this. It is highly used (and needed) by the URBDP doctoral students.

- Operations support goes toward maintaining the student room with computers, and toward the annual symposium, which has guest speakers with honoraria and travel, room rental, audio support, etc.
- There is no budget for curriculum or instructional support. The required core sequence of courses (URBDP 591, 592, and 593) are taught in the Department of Urban Design and Planning. The remaining requirements are fulfilled from courses offered there, as well as in various other units across campus.

Evaluation for best use of current funding and strategies for development

The funding is so small and targeted that there is little discussion of alternative uses for these resources. However, there are many ideas not only implemented, but planned and proposed for leveraging and increasing resources. The following are examples.

Student funding from the Graduate School has been cut over the last few years (by one full RA-ship), just as research funding has been harder to come by. We compete for applicants with universities offering 3 years (e.g., USC and Berkeley). We have had to rely more and more on teaching assistantships in the second and third years for students. While many of our students get these in the Department of Urban Design and Planning, others have sought and received funding (both TA's and RA's) in Geography, the Program on the Environment (POE), and the Community, Environment, & Planning Program (CEP). In addition, faculty members work with students to apply for outside sources of funding. Students in the program have received the Bullitt Foundation Environmental Fellowship (\$100,000), Lincoln Land Institute Doctoral Fellowship, Huckabay Teaching Fellowships, and more (see Appendix E).

Faculty Initiatives. Faculty as individuals and teams, for academic year 2012-2013, are PI's in over \$45,981,771 of externally funded research projects (see Appendix C). Grants active during 2009-2010 generated from this faculty group totaled \$97,253,686 (Appendix C). Currently these grants are providing funding for 50% of the students. (See Figure 2, above)

Curriculum support. The program offers three courses specifically targeted and required for the URBDP doctoral students: URBDP 591: Advanced Research Design, URBDP 592: Advanced Planning Theory, URBDP 593: Interdisciplinary Urban Research Seminar. These are offered through the Department of Urban Design and Planning and taught by faculty whose home departments are in the Department of Urban Design and Planning. While the incoming student cohort is typically only 4-5 students in the last few years, this has not been a strategic use of faculty instructional resources. (While these courses are open to doctoral students across campus, with the institution of Activity Based Budgeting (ABB) in 2011, programs tend to offer their own courses and restrict them to students in their programs.) While in the past, we instituted an agreement with the doctoral program in Public Affairs to share the offering of Advanced Research Design (every other year in each program), that agreement broke down, partially due to ABB. Therefore, we have started exploring a new plan for strategic sharing of resources explained in more detail in Section IV: Future Directions, of an Urban Cluster of UW doctoral programs in which courses, colloquia, symposia, and forums can be shared by various

disciplines who are working on urban issues and problems. We believe this will help create a resilient response to the fiscal challenges of the past five years.

In the meantime, we have addressed the small class size of URBDP 591 by inviting advanced students to register for the class again, but with fewer credits to learn and explore a different aspect of research design. Invited speakers, faculty members from across campus (including many of our affiliate faculty), speak on their approach to research design. This has led to some very enlightening combined classes with our students meeting with public health doctoral students, for example.

The program would like to partner with Graduate School's development team to develop a donor fundraising plan.

Section II. Teaching and Learning

2.1 Student Learning Goals and Outcomes

The Program seeks to prepare scholars who can advance the state of scientific research, practice, and education to improve the well-being of human populations and their environment in urban and urbanizing regions throughout the world. With a faculty that ranges from Architecture to Sociology and from Biology to Computer Science, our program provides a strong interdisciplinary educational experience that draws on the resources and talents of the University, and on the rich laboratory offered by the Seattle metropolitan region and the Pacific Rim. Our Program emphasizes the educational values of interdisciplinarity, intellectual leadership and integrity, and the social values of equity, diversity, democracy, and sustainability. Each student receives both core and customized bodies of knowledge and sets of skills. (See Appendix I for the full curriculum.)

The **core curriculum** defines the intellectual foundation of the program. While the program retains considerable flexibility in defining a research agenda within the broad umbrella of urban and environmental planning and policy, it provides a common foundation for all students to build upon. The following are the core curriculum requirements. Students enter the program with a Master's degree, in fields ranging from planning and public affairs to natural and social sciences. Depending on the academic preparation of the student prior to matriculation, the core requirements can be met within one to two years.

Phase I:

Advisory committee. Incoming students meet with their primary advisor to identify two additional faculty members to form the phase 1 Advisory Committee. This is done by the end of the fall quarter to oversee progress through phase 1 of the program. The committee membership may be changed at any time in phase 1, based on agreement by the student and faculty advisors. Committees must consist of at least three members of the Interdisciplinary Group, and represent at least two academic departments.

Phase I requirements involve 5 courses, and should be completed during the first year, unless schedule conflicts make this infeasible. Courses from Phase II requirements may also be taken in the first year, to accelerate completion of the curriculum requirements. During Phase I of full-

time course work, all URBDP Ph.D. students must complete the required seminar sequence in Advanced Research Design (URBDP 591, 4 credits, Fall of first year); Planning Theory (URBDP 592, 4 credits, Winter of first year); and Interdisciplinary Urban Research (URBDP 593, 5 credits, Fall of second year). The purpose of this requirement is to provide a common foundation for students to develop and refine their interdisciplinary research agenda under the broad umbrella of urban and environmental planning and policy.

Phase I requirements also include two courses that introduce students to the applicability of quantitative and qualitative methods to doctoral-level research. Students at this level should view these courses as helping them determine what aspects of their likely research topic may be pursued quantitatively, and what aspects may be pursued qualitatively. The courses should introduce to the student what basic or broad range of research methods that exists in each of these categories.

The Phase I Paper. The Phase 1 Paper is a mechanism for early evaluation of students' progress in acquiring skills to conduct research, and their ability to make progress towards their Ph.D. after one year. It is developed through the sequence of the first year course requirements and supervised by the student's first year advisory committee. It provides students an opportunity to demonstrate the student's ability to formulate a research question, frame it within the theory, review the literature, develop a research design, and address critical issues of conceptualization and measurement through a review of the literature and/or pilot application.

Paper structure. The paper can take the form of a critical review of literature or a pilot research project on a selected topic. The first option emphasizes the ability of students to position their research question and methods. The latter can be based on either existing or newly acquired data to fit within the time constraints. In both cases the paper needs to consider aspects of both urban planning theory and research methods in urban design and planning. Phase one of the program culminates with the acceptance of a paper by the Advisory Committee. The paper is to help students in narrowing down their research area and preparing students for their general exam and to help them focus on the literature of interest. The paper is an opportunity for students to review in a critical fashion the key literature on specific subjects or domains that are likely to form the basis of their future research.

Students identify a research question, synthesize the existing literature, and specify the objectives of the paper. In the first option (literature review papers), students develop a systematic literature review and summarize the state of knowledge and current gaps in addressing the research question. In the second option (pilot data analysis), students identify the data and methods that will be used to address the question and discuss the analytical results of the pilot application.

The length of the paper is about 6000 words, excluding references, tables, and figures.

Time line and approval process. Students submit an abstract for their first year paper to their first year advisor at the end of the first year winter quarter. Students work with their advisor to develop a plan for completing the paper through the first two weeks of spring quarter. A first

draft of the paper is presented to the advisor by the end of the spring quarter. Students revise their paper based on the advisor's comments and submit the final paper by the end of summer.

Evaluation of Phase I. The procedure for evaluation of Phase I work and the decision to advance a student to Phase II is based on a portfolio of the work completed in required courses in Phase I that includes:

1. Phase 1 Paper
2. Completion of the first two courses in the Core sequence and methods requirements
3. A Prospectus and Plan of Study for Phase II prepared by the student and approved by the student's Advisory Committee that describes the general research area and fields of study the student wishes to pursue and the courses the student intends to take in Phase II, and
4. A designation of a Supervisory Committee to mentor the student during Phase II.

Phase II: Area of Study: Once a student is admitted to Phase II, he/she forms a Supervisory Committee to oversee the progress through the rest of his/her academic program. The committee must consist of at least three faculty members in the Interdisciplinary Group representing at least two academic departments; one member must be from the Urban Design and Planning Department. The Steering Committee recommends (but does not require) that students have at least four faculty members on their committee and that two of these be from the Urban Design and Planning Department. Students then develop with their supervisory committee a description of their proposed areas of study. These define areas of scholarship that must demonstrate an interdisciplinary research approach to an application within urban and environmental planning and policy. The description should develop a curriculum proposal approved by the supervisory committee that addresses the following advanced study requirements.

Phase II Curriculum Requirements: Phase II requirements involve 7 courses and a teaching seminar (currently under consideration), in addition to advanced courses directly related to the area of study selected by the student. Some of these courses may be taken in the first year. Students are required to complete five courses that satisfy broad categories of urban theories and urban design & planning:

- Urban Processes & Patterns (3 courses): This requirement is designed to ensure a deeper understanding of the bio-physical and socio-economic forces that shape urban areas, and to draw on urban theories from multiple disciplines.
- Urban and Environmental Design and Planning (2 courses): This requirement is designed to build a strong foundation in urban and environmental interventions, whether design, planning or policy oriented.

Many approved courses for each requirement draw on courses outside the URBDP program. Based on their own research program and agenda, students may select courses that align closely within one research cluster or may choose courses across research clusters. These requirements provide opportunities to establish relationships with faculty with whom they may wish to work as dissertation advisor or supervisory committee members. In addition, to complete

this phase of the program, students must complete two additional advanced research design and methods courses, as well as a teaching methods seminar (currently under consideration).

General Examination. A critical review of the literature in the area of study (the General Exam Statement) must be developed by the student, which integrates interdisciplinary research on the area of study selected by the student, and identifies areas of potential research opportunity that may subsequently form the basis for a dissertation proposal. The review should demonstrate broad familiarity with relevant research in the chosen area, and with the range of theory and methods applied within the reviewed literature. The committee will provide feedback to the student at this stage about areas of additional study that may be required before a suitable dissertation proposal may be developed. Once advanced coursework in the area of study and critical review of the literature are completed, the student and committee schedules a General Examination, in which the Supervisory Committee evaluates the preparedness of the student to advance to doctoral candidate status, and to begin developing a dissertation proposal. The written exam is designed and evaluated by the student's supervisory committee. The content, length, and duration of the written exam vary, but the written exam typically consists of 3-4 questions over 4-5 days. The oral exam is two hours in length and requires the formal scheduling process through the graduate school.

Phase III: The Dissertation: Once the student passes the General Examination, he/she is advanced to the level of doctoral candidate, and is expected to build on the critical review of the literature to develop a dissertation proposal. The dissertation proposal should demonstrate the characteristics of interdisciplinarity, relevance to urban and environmental planning and policy, and potential for contribution to scholarship.

Dissertation Proposal. A dissertation proposal should be formally presented to the Reading Committee at a scheduled defense presentation. The Reading Committee must certify that the student is prepared to undertake the proposed research, and that it meets the program requirements for scholarship.

Dissertation Defense. The final step in the Ph.D. program is the formal presentation and defense of the dissertation. This process follows the normal protocol as set by the Graduate School.

2.2 Instructional Effectiveness

During the last two years we have engaged in a full Curriculum review to realign the curriculum to the evolving program identity and to streamline the process through which students go to accomplish successfully the program's requirements. The Curriculum review was based on student feedback. Specifically, in the phase 1 quantitative research methods requirement, additional courses have been added so that there are more choices and time slots. Also, attempts have been made to match incoming students more effectively with the appropriate level of quantitative background of the student. Incoming students are encouraged to attend the week long workshop, Math Camp, offered by the Center for Statistical and Social Sciences in September before fall quarter begins. Also, many more choices for courses fulfilling qualitative research methods requirements (in both phase 1 & 2) have been added in recognition of

student need. Students meet every other week for student colloquium. This is their self-organized time to use as needed to address issues such as course navigation, preparing the General Exam Statement or the Dissertation Proposal, or to use for practice conference or job talks, invite a career center representative to talk about academic CV's, invite faculty members to address proposal writing & management, or invite the Director to give and receive feedback on the curriculum or other program issues.

To monitor systematically student progress, every year, students are required to submit an annual report. This report not only includes activities (courses, presentations, milestones, etc.) over the last year that the student has accomplished and objectives for the next year, but it also asks for feedback, both on mentoring and on "any other issues." This process has been helpful in the past for becoming aware of issues that may not be apparent in a more public context.

In addition, for a number years based on student demand, the Director instituted a Friday Feedback regular meeting every other week for the students to have a time to air any issues they may have with the Director and the Program Operations Specialist. It was discontinued as the program more effectively addressed some of the emerging issues.

Opportunities for Training in Teaching

Students participate as TAs in many courses, and in that capacity are mentored at leading discussions, grading homework including essays, and holding office hours. Increasingly, students teach their own courses in a variety of formats, in each of which there is additional mentoring. They teach courses in the undergraduate Community, Environment, and Planning Program, in the graduate level Masters of Urban Planning program, and in the Program on the Environment. They have the opportunity (and are strongly encouraged) to create their own courses and offer them in the summer session if the courses make the adequate level on enrollment. Here they have been creative and successful, teaching courses ranging from Environment and Community Health, to Urban Photography.

In addition, students have had as a requirement (in phase 3) to take a teaching seminar (such as, GRDSCH 630, Special Topics in College/University Teaching). This course as well as various other departmental teaching courses have unfortunately been discontinued. Currently, students are encouraged to participate in the Graduate School's "Core Programs: Cultivating Capacities for Success" (<http://www.grad.washington.edu/profdev/>) offerings, as well as the offerings from the Center for Teaching and Learning (<http://www.washington.edu/teaching/>).

This is another example in which our vision for the future, creating a Cluster of PhD Programs working on Urban (see Section IV) would be beneficial and maximize resources. Doctoral programs addressing urban issues would coordinate offering a teaching or co-teaching seminar, which would include students from several fields collaborating on teaching techniques and exploring different aspects of pedagogy.

2.3 Teaching and Mentoring Outside the Classroom

Student learning and development other than through classroom teaching is a substantial part of this doctoral program. Students work closely with a research advisor the entire time they are

in the program. This often involves working in their lab, such as the Urban Ecology Research Lab or the Urban Form Lab, or on various other research projects. In addition, to ensure quality mentoring in our program, starting with academic year 2013-14, the doctoral program Steering Committee introduced an annual student/advisor meeting reporting system. This includes the following:

- Current students meet with their main advisor to go over courses taken, a plan of study for the upcoming academic year, and a general overall timeline.
- New students meet with their first year advisor to devise a first year plan and a first year Advisory Committee (Committees consist of at least three members of the Interdisciplinary Group, and represent at least two academic departments).
- The advisor reports the content of the meeting to the steering committee by November 1, which can be done via email.

The program has **Research Seminar Presentations** every other week. The objective of the research seminar is to provide an additional opportunity for students in the program to receive input on their dissertation research question, approach, and methodology by a larger number of faculty and other student peers. Students present their research proposal in a succinct form (15-20 minutes), and then receive feedback, learning how to both give and receive feedback and comments on their peers' research. Note, students who present are at different stages in their dissertation work and may simply have a dissertation prospectus or a dissertation proposal or actually a draft chapter. Four panelists (students, faculty, not the advisor typically, and/or practitioners), invited by the presenter to comment on the proposed research, comment (3-4 minutes each) on the research question and approach. Presenters are given a chance to respond. Following this, there is time for open discussion and questions. The seminar is designed around the same objectives of the ACSP national PhD workshop that we hosted summer 2009. Everyone in the program is invited, and outside guests are also welcome.

In the beginning of the academic year the research seminars have been used for faculty to give brief (10') presentations on what they were working on when they were beginning their career and how that lead to what they are working on presently.

Multiple reading groups, consisting of one or more faculty and a self-organizing set of students, maintain blogs, regularly operate, often lasting several years and even meeting over the summer. Students often use the student colloquium (which meets every two weeks) to read and discuss papers, and mentor peers regarding issues of course availability and content, conferences, campus and professional organizations, funding, etc. The students also maintain a facebook page for announcing events, asking questions about courses, setting up "writing/reading evenings," having discussions, and creating social events.

In the past we have had quarterly "**Aperitivos**," which were late afternoon/early evening gatherings at a faculty member's house to invite student/faculty/staff contact in a social setting.

Student representatives serve on the Steering Committee and various ad hoc faculty committees (such as the curriculum committee and the annual symposium committee). And students are primary participants in initiatives to re-align the intellectual focus of the program,

strategically plan, develop biennial reports, plan for academic program reviews, recommend faculty additions to the interdisciplinary group, and plan for future directions of the program.

In 2010, the **annual symposium** was on “Charting Our Future by Reflecting on Our Past.” Guest speakers were recent 4 alums, professors, 3 of which had achieved tenure at US institutions. After summarizing their current research, two panel sessions took place on a critical retrospective of their University of Washington experience. Then students presented their current research, feedback was given, and conclusions were made. The feedback given and the perspectives offered were extremely useful for everyone in the program.

Recruiting: admission & retention

As indicated in section 1.1, applications have almost doubled since 2004, and the denial rate has remained very high (92.9% in 2013). This allows the program to be very selective in its admissions, and the yield rate is still good (83.3% in 2010; 42.8% in 2013), despite the fact that student funding has declined, and we have only been able to offer one year of “guaranteed” funding in the last few years, where other institutions have multi-year packages.

Because the program matches prospective students and faculty, we recruit primarily through generating interest through national and international faculty and academic networks. Applicants are encouraged to identify faculty whose research interests match theirs. Recruitment of under-represented students has been a challenge, especially with the guaranteed funding levels that we have had over the last few years. Nevertheless, when we have had applicants from under-represented groups that are perfect fits to this program, we have aggressively pursued further funding to offer. And we have had success in some cases. (See Appendix G for demographic statistics of students.)

Section 3: Scholarly Impact

3.1 Broad Impact

Leaders of future urban scholarship and practice should be able to tackle complexity and uncertainty and to engage and communicate with diverse populations. Academia, industry and governments demand that we prepare scholars and practitioners who are simultaneously highly versatile and adaptable, and scientifically proficient. Universities across the US and around the world are expanding their capacities in urban research and teaching, both through special interdisciplinary initiatives as well as formal degree programs.

The Interdisciplinary Ph.D. Program in Urban Design and Planning at the University of Washington anticipated this trend. The program combines the flexibility and dynamism of multi-departmental interdisciplinarity with a well-established disciplinary tradition (the Ph.D. in Urban Design and Planning, founded in 1967 at the University of Washington, is one of the oldest PhD Programs in urban planning in North America). The Program seeks to prepare scholars who can advance the state of scientific research, practice, and education to improve the well-being of human populations and their environment in urban and urbanizing regions throughout the world. With a faculty that ranges from Architecture to Sociology and from Biology to Computer Science, our program provides a strong interdisciplinary educational experience that draws on the resources and talents of the University, and on the rich laboratory offered by the Seattle

metropolitan region and the Pacific Rim. Our Program emphasizes the educational values of interdisciplinarity, intellectual leadership and integrity, and the social values of equity, diversity, democracy, and sustainability. Building on a solid foundation of interdisciplinary research, the Program has emerged as the 4th best Program in the Academic Analytics' s national ranking of 2007 (the latest).¹

3.2 Faculty Impact

From 2010—Spring 2013 the interdisciplinary faculty group of this program published over 410 peer reviewed articles, with 35 more in press, forthcoming; 17 books, 6 forthcoming; and 67 book chapters, 20 forthcoming. (see Appendix C)

In 2012-2013 the interdisciplinary faculty group were PI's in over \$45 million in funding from diverse agencies of externally funded research projects. In 2009-10 faculty were PI's in over \$97 million in externally funded research projects. (See Appendix C)

In 2010—2013 this faculty group received numerous awards, including: University of Washington Distinguished Teaching Award; University of Washington Distinguished Undergraduate Mentor Award; Distinguished Visiting Fellow, College of Environmental Design, University of California, Berkeley (2013); Secretary of the Interior, Conservation Partners Award (2011). (See Appendix C)

Members of the interdisciplinary group have been recipients of the following lifetime awards: MacArthur Foundation Fellowship, Fellow of the American Association for the Advancement of Science, Fellow of the American Statistical Association, and the 2007 Nobel Peace Prize (Intergovernmental Panel on Climate Change). (See Appendix C)

Two major research labs lead by our Faculty (Moudon and Alberti), have significant impact at the national and international level as well as on the region: the Urban Form Lab (UFL) and the Urban Ecology Research Lab (UERL). Here we provide a brief summary of the Labs' profiles and web links. See a more detailed description of collaborative research in Section 3.6, Collaborative Efforts.

Specializing in the spatial analysis of the built environment using micro-scale data and Geographic Information Systems, the UFL (<http://depts.washington.edu/ufl/>) teams up with colleagues in public health and transportation on competitive multi-year grants awarded by the National Institutes of Health, the Centers for Disease Control and Prevention, the Robert Wood Johnson Foundation, the U.S. and Washington State Departments of Transportation, and local agencies. The UFL has supported an average of 3 PhD students per year over the past 6 years. In addition to working closely with researchers in health and transportation, the students benefit from close collaboration with the UFL specialized staff (including one Research Assistant

¹ "As reported in the Nov. 26, 2007 issue of the *Chronicle of Higher Education*, Academic Analytics claims that its rankings of graduate programs are the first objective measurements of per-capita scholarly production. The annual ranking utilizes data on the numbers of books and journal articles written by faculty members who are listed on a Ph.D. Program's website, the number of times other scholars have cited these publications, and the grant monies, honors, awards the faculty members have received. It then uses an algorithm to produce a per-capita faculty productivity measure." (quoted from a newsletter article published online by the School of Architecture, Planning, and Preservation at the University of Maryland)

Professor, and two Research Scientists). Students are also included as first or co-authors in the numerous articles the team publishes in national and international peer-reviewed journals.

In the Urban Form Lab, the research projects and the dissertations coming out of the lab are based on King County data; a few use the Puget Sound region; and the lab is starting to compile a reasonably complete set of parcel-level data for Washington state. One of the recent walkability projects focuses on three small towns in WA State: Walla Walla, Aberdeen, and Moses Lake. The lab also generates new health and travel related behavior data that allows analysis of the needs of Washington residents.

The faculty, postdocs and students in the lab have made untold numbers of presentations to city, county, and state citizens and public servants about the results of their research. Some of it has been used/copied, specifically by Seattle Department of Transportation (pedestrian plan), Washington State Department of Transportation (traffic safety), Public Health Seattle King County (walking, safety), Department of Health (food acquisition), and Puget Sound Regional Council (walking, safety, suburban clusters), among other agencies.

The UW Urban Ecology Research Lab (<http://urbaneco.washington.edu/wp/>) studies complexity and resilience in coupled natural-human systems. The UERL, a pioneer in the field of urban ecology ([Science 317, 1513. 2007](#)) is a team of PhD students, post-doctoral research associates, and faculty from diverse disciplines since 1999. UERL has been successful in obtaining competitive multi-year awards from the National Science Foundations (NSF), National Oceanic and Atmospheric Administration (NOAA), the Environmental Protection Agencies (EPA) as well as local agencies and private foundations. With funding from NSF, UERL has led two large Biocomplexity Projects, one involving a collaborative study with Arizona State University on coupled-natural system dynamics in Seattle and Phoenix metropolitan areas. The study aimed to empirically test hypotheses about emergent properties of urban development patterns and their effects on environmental change. The UERL has been able to fund an average of 3 PhD students per year and one post-doc over the last eight years and produced a significant number of co-authored publications and conference presentations.

The Urban Ecology Research Lab has also a significant impact in the region. The Puget Sound region is where most UERL's empirical work is based. With funding from NSF, the lab has developed a high resolution spatially-explicit Land Cover Change Model that is based on very high resolution biophysical, socioeconomic, and land parcel data sets. The model estimation and validation is based on several Landsat images that have been classified by UERL Post-doc and PhD students for six time steps images from 1986 to 2007.

Other UERL innovative work is in the area of Scenario Planning. Funded by the Army Corps of Engineers, the UERL has developed scenarios for 2050 for all Puget Sound region including nine counties. The UERL has recently completed Scenarios for the Snohomish Drainage Basins in 2060 and assess the impact on ecosystem services. This project involved more than 100 experts (scientists and managers) from different agencies.

A significant strength of the UERL work is achieved through empirical studies. With funding from National Oceanic and Atmospheric Administration, the UERL is studying the impact of alternative stormwater infrastructure on the ecosystem health of Puget Sound nearshore.

The UERL has reconstructed the land cover change of several King County basins since the beginning of the last century to help King County assess the impact of urbanization on streams health. With funding from the Bullitt Foundation, the UERL has developed a unique data base of carbon stocks across a gradient of urbanization in central Puget Sound by measuring carbon stocks on 150 randomly selected plots. The UERL is also studying the impact the critical areas ordinance established by the Washington State Growth Management Policies on land cover change and real estate prices.

Distinguishing characteristics from peer programs

The interdisciplinary faculty group of the program and the unique intellectual focus resulting from their research set the UW URBDP PhD program apart from peer programs. Our program combines the flexibility and dynamism of multi-departmental interdisciplinarity with a well-established disciplinary tradition. With a faculty group that ranges from Architecture to Anthropology and from Forest Sciences to Computer Science, our program provides a strong interdisciplinary educational experience that draws on the resources and talents of the University, and on the rich laboratory offered by the Seattle metropolitan region and the Pacific Rim. Our Program emphasizes the educational values of interdisciplinarity, intellectual leadership and integrity, and the social values of equity, diversity, democracy, and sustainability. Covering scales from neighborhoods to metropolitan areas, the program addresses interrelationships between the physical environment, the built environment, and the social, economic, and political institutions and processes that shape urban areas. The breadth of this program permits students to pursue doctoral studies in the various aspects of urban design and planning with unique research clusters in urban ecology and wellbeing, urban development processes, and urban environment and transportation.

Relationship to other units

Being an interdisciplinary program, centered in the Department of Urban Design and Planning but housed administratively in the Graduate School, the faculty constituents all have appointments in other units. Therefore the Interdisciplinary PhD Program in Urban Design and Planning regularly receives feedback (and actually has participants) from “external constituents,” such as members of the College of Engineering, the Evans School of Public Affairs, and the College of the Environment, the College of Built Environments, and the PhD Program in the Built Environment (all of which have representatives on the program steering committee). In addition, most of the Annual Symposia have participants from professional organizations and practitioners from the city, state, and region, depending on the subject matter. Faculty members regularly collaborate with practitioners (both regionally and globally) on funded research projects (See Appendix C).

The URBDP PhD Program works closely with but remains distinct from the following campus units: the Evans School of Public Affairs, the Department of Forest Resources, the Department of Geography, and the PhD Program in the Built Environment. Although the PhD Program in the Built Environment shares an interdisciplinary quality and deals with related and occasionally overlapping subject matter, there are primary differences in curricular structure, methodological focus, relationship to different units on campus, the interdisciplinary faculty group, and the

nature of interdisciplinarity between the programs. Both programs have proven to satisfy separate demands in advancing scholarship and practice in urban fields. However, while the BE PhD program draws primarily from faculty housed in the College of Built Environments, the Interdisciplinary PhD Program in Urban Design and Planning (housed in the Graduate School) draws from faculty across campus. While the Interdisciplinary Ph.D. Program in Urban Design and Planning is planning-focused in its coursework and requirements, the Ph.D. Program in the Built Environment does not follow a planning format. Likewise, the career trajectories of the graduates of the two programs are different, as well.

3.3 Student Impact

Students in the URBDP PhD program have a record of significant impact in conference presentations, publications, and participation in funded projects. The awards they have won have been significant, as well. (See Appendix E)

- Current students in the last 3 years have published 13 peer reviewed papers, 8 reports and or conference proceedings, 1 book review, and 1 book chapter.
- Current students in the last 3 years have presented at national and international conferences 52 times.
- Current students in the last 3 years have received 20 awards, including the Bullitt Environmental Fellowship (\$100,000), the Lincoln Land Institute Doctoral Fellowship, the Palestinian American Research Center Fellowship, Open Society/SOROS Foundation Fellowship, Huckabay Teaching Fellowships, and (in previous recent years: EPA Star Doctoral Fellowship, Valle Scholarships, and the Dwight D. Eisenhower Transportation Graduate Fellowship).
- Most of the Students in the program work on externally funded research grants and commonly give presentations to city, county, and state citizens and public servants about the results of their research. Some if the research has been used/copied, specifically by Seattle Department of Transportation (pedestrian plan), Washington State Department of Transportation (traffic safety), Public Health Seattle King County (walking, safety), Department of Health (food acquisition), and Puget Sound Regional Council (walking, safety, suburban clusters), among other agencies.

3.4 Impact of Graduates

All of the graduates of the program continue to “be leaders in the international community of researchers, educators, and practitioners who focus on improving the quality of life and environment in metropolitan regions,” per our mission statement. Graduates in the last four years occupy academic positions in North America at the University of Pennsylvania; SUNY Buffalo; and University of Vermont, Portland State University, and University of Washington. Graduates from earlier classes this decade have achieved tenure at Portland State University San Jose State University; Texas A&M University, SUNY Buffalo, University of Missouri, University of Texas, Austin, and University of Toronto. A graduate from 2001, Kevin Krizek, is a tenured full professor and is directing a PhD program at the University of Colorado. Other

graduates from the past decade occupy leadership or important research positions in federal, state and local government, and professional firms and service centers. Internationally, our graduates hold positions at Birzeit University, Palestine; Royal Institute of Technology, Sweden; Yonsei University, Seoul National University, Korea; University of Glasgow, Scotland, and other universities in Abu Dhabi, United Arab Emirates, Korea, and Thailand. (See Appendix D)

The following are examples of graduates who have received recent awards:

Brian Lee (Spring 2009): Transportation Research Board of the National Academies, Fred Burggraf Award (recognition of excellence in transportation research). Awarded Aug 2012, presented January 2013.

David Hsu (Spring 2010): 2012-2013 Fulbright Nexus Scholar.

Recent graduate (Spring 2007), Adrienne Greve, Associate Professor at Cal Poly, San Luis Obispo, co-author of *Local Climate Action Planning* (2010), is Co-PI for “Rapid Climate action Planning Toolkit Development, Southern California Gas Company, August 2012—present, and recently was featured on a panel discussion at Seattle’s Town Hall (<http://townhallseattle.org/?s=Adrienne+Greve>), entitled “Flooding, Storm Surges—What’s Next? Our Regional Response to a Warming Climate.”

3.5 Impact of Changing Paradigms

It is a time of great transformations for our fast urbanizing planet. Emerging changes in the global environment and in society pose unprecedented challenges to human settlements and the quality of life of their inhabitants. Urban problems are becoming more complex and require new syntheses across and between the social and natural sciences.

Leaders of future urban scholarship and practice should be able to tackle the complexity of urban phenomena and uncertainty of global socio-economic and environmental change and to engage and communicate with diverse populations. Academia, industry and governments demand that we prepare scholars and practitioners who are simultaneously highly versatile and adaptable, and scientifically proficient. Universities across the US and around the world are expanding their capacities in urban research and teaching, both through special interdisciplinary initiatives as well as formal degree programs.

Over the last five years the Interdisciplinary Ph.D. Program in Urban Design and Planning at the University of Washington has reflected on the implications of such trends for urban scholarship and graduate education. We have addressed these trajectories and implications for the Program intellectual focus and structure through two important initiatives: A Strategic Planning process followed by the "Mapping the Future" Initiative (See Appendix H).

3.6 Collaborative Efforts

The Interdisciplinary Ph.D. Program in Urban Design and Planning is of course thoroughly interdisciplinary and strongly promotes collaboration in both students and faculty. Faculty in the Interdisciplinary Group are from **17** different departments, including geography, architecture, landscape architecture, statistics, earth & space sciences, civil & environmental engineering, computer science & engineering, anthropology, public affairs, forest resources, epidemiology,

environmental health, and of course urban design and planning. Faculty collaborate on research projects, as covered in the sections on budget funding as well as in the section on faculty impact (See Appendix C). Faculty research interests can be broadly grouped in the three research clusters which define our intellectual focus: urban ecology and wellbeing; urban development processes, and urban environment and transportation. Below are examples of collaborative efforts in the program.

Collaborative Research

Faculty in our program lead significant collaborative research across multiple UW units. Both faculty and students are fully engaged in a variety of externally-funded research projects in collaboration with **UW College of Engineering**, **UW School of Public Health**, and the **School of Medicine**. The program also has strong relationships with the **College of the Environment**, the **Evan's School of Public Affairs**, and the **Departments of Anthropology** and **Geography**, in the **College of Arts and Sciences**. Some key examples are described in the following paragraphs.

Our program has benefited from strong relations with the UW College of Engineering, primarily through their US Department of Transportation (DOT) Research and Innovative Technology Administration (RITA) funded *University Transportation Center (UTC)*. Called *TransNow* and recently renamed as *PacTrans*, this UTC covers US Region X (WA, ID, AL, OR) and offers matching grants to faculty in the participating states. Prof. Bae, Moudon, Shen, and Chen have received TransNow and PacTrans support, most of which was principally geared to funding doctoral students in our program. In addition, the UTC offers travel or registration support to the Transportation Research Board Conference, which takes place yearly in Washington, DC. Several of our students were able to attend this important conference and present papers or posters. The matching funds for these grants have come principally from Washington State Department of Transportation (WSDOT). WSDOT has had a sustained relationship with several of our faculty in Urban Design and Planning and in Engineering, and WSDOT grants have supported many of our students. They have also allowed students to join faculty and WSDOT staff in publishing a number of peer-reviewed articles in transportation journals.

Strong relations have also been maintained since the early 2000s with the UW School of Public Health and the School of Medicine. Long-term grants from health research organizations have been secured through faculty in the *UW Health Promotion Research Center*, the *UW Nutritional Science program*, the *Department of Epidemiology*, and the *Children's Hospital Research Institute*. These grants have allowed us to commit to supporting students over several years, which is essential for us to compete with those other schools and programs that are able to offer multi-year support at the time of admissions. Prof. Moudon had the first relatively modest grant from the Centers for Disease Control in 2001, which evolved into collaborations with Profs. Drewnowski, Duncan, and Saelens. These collaborations have led to several grants from the National Institutes of Health (NIH) since 2005. As part of our program, Profs. Drewnowski and Duncan (Nutritional Sciences and Epidemiology) have lead several multi-year grants that have fully supported a total of two of our students per year since 2007. Prof. Saelens has spearheaded a grant that supported two of our students since 2008. These grants allowed some of our students to attend national conferences. Drs. Drewnowski, Duncan, and Saelens are on

several of our students' Supervisory Committees. They have also co-authored many papers with our students (with students as first authors when they initiate the research topic, design the analytic framework, and conduct the analyses under the supervision of their committee).

Prof. Moudon also collaborated with Dr. Barbara Leigh in the *UW Alcohol and Drug Abuse Institute* (Department of Epidemiology), which led to a grant from the Robert Wood Johnson Foundation supporting one student for two years. Several publications with the student as first author came out of this work. Finally, Dr. Doescher (UW Family Medicine Department) has lead a multi-year NIH grant, which supported the equivalent of about one student for 4 years. Although Dr. Doescher (who recently moved to the University of Oklahoma) has not been a member of a Supervisory Committee in our program, his grant provided our students the opportunity to work with other researchers at Dartmouth College and at TAMU.

The program has also established strong relationships since the early 2000s through several NSF funded grants with the School of Environmental and Forest Sciences. Three major research projects set the conditions for developing a strong research emphasis on urban ecology and provided the resources for generating pioneer work of our Faculty and students on coupled-human natural systems which have led to collaborations across multiple UW units. Prof. Alberti (PI) in collaboration with Prof. Marzluff (Environmental and Forest Sciences), Prof. Waddell (Public Affairs, now at UC Berkeley), and Prof. Borning (Computer Science), funded by NSF, collaborated in the development of an integrated model of urban development and ecology. The team led by Prof. Alberti and addition of Mark Handcock (Statistics, now at UCLA) evolved into a new project in collaboration with ASU team funded with a second Biocomplexity grant to study complex urban landscapes in Seattle and Phoenix.

A significant contribution to the innovation in interdisciplinary pedagogy of our Program is grounded in a third NSF award to establish on of the first IGERT in Urban Ecology in the US. Led by Prof. Bradley (Forest Sciences), Marzluff (Forest Sciences), Alberti (Urban Planning), Ryan (Forest Sciences), and Zumbrunnen (Geography), the Urban Ecology IGERT has been a pioneer interdisciplinary graduate program to transform graduate education from a simple multidisciplinary delivery of knowledge to a strongly integrated, team-based, interdisciplinary learning experience. The IGERT fully supported a total of 25 PhD Students (eight in our Program), who successfully graduated and obtained high impact faculty positions.

In 2012, Prof Alberti co-led with the Deans of CBE (Friedman, ex-Dean now) COE (Graumlich) and Public Health (Frumkin) a major NSF Grant Proposal for establishing an international Sustainability Research Network (SRN) entitled: "Thriving in Sustainable Cities: Sustainability Science Meets the Sciences of Human Well-Being." Although not funded, the proposal for a \$14M grant competition ranked among the top and was shortlisted as finalist. Through an effective collaborative process, the four co-PIs strengthened the relationships among the units and opened new opportunities for collaboration on the sustainability for the built environment.

Recently, Prof Alberti has also been leading multi-institutional collaborations in the area of urban resilience, which have led in the development of a recent NSF proposal for building a Global Network on the Resilience of Coastal Cities. The team involves faculty from UW, Columbia, Cuny, USC, MIT, ASU, Indiana and Duke University and partner organizations with established

research teams in five test-bed cities including New York, Los Angeles, Seattle, Shanghai, Venice (Italy), and Johor Bahru (Malaysia).

In the area of resilience and hazard management Program's Professors Abramson (UDP), Bostrom (Public Affairs), and Guttorp (Statistics) are collaborating in a project led by Prof. Vidale (Earth and Space Science) on a project recently awarded by the NSF SEES on "Magnitude 9 Earthquake Scenarios - Probabilistic Modeling, Warnings, Response and Resilience in the Pacific Northwest." Prof. Abramson is also collaborating with Bob Freitag and Manish Chalana on a study funded by FEMA entitled "A comparative approach to understanding community resiliency as balancing and inter-dependent services among differing types of capital."

Significant collaborative efforts have been led by Prof. Abramson in the area of comparative urbanism and planning cultures, with a special focus on China including a collaboration with Prof. Harrell in Anthropology, on social-ecological systems in rural Sichuan and implications for planning in the Chengdu city-region, China. This includes multiple grants from the UW China Studies program.

These collaborations have been highly productive for our program. Beyond the essential funding they provide to support our students, they allow our students to interact with expert researchers in other fields, thus exposing them to a wide array of research methods. Since each grant has its own statistician, our students are able to get first-hand help in statistics. Finally, it is important to realize that our colleagues in other UW units (e.g., the College of the Environment, College of Engineering, the College of Art and Sciences, the Evans School of Public Affairs, and the School of Public Health) also have their own students to support through their grants. As a result, their support of students in our program means that they chose to work with our students. This is telling of the special contribution that our program, and specifically, its emphasis on the urban environment and its influence on life style and behaviors, makes to ongoing and emerging issues in transportation and health.

Annual Symposia

Every year the program hosts an annual symposium, typically with one or more invited guest speakers and panel discussions, on collaborative thematic topics such as:

2013: History of Human Settlement

2012: Urban Resilience

2011: Our Intellectual Identity and Emerging Synergies

2010: Charting our Future by Reflecting on Our Past

2009: Bridging Academia & Practice in Planning Research

In 2014 (partially inspired by this academic program review) we plan to focus on the creation of an Urban Cluster of UW PhD programs. (See Section IV: Future Directions, for a more complete description.) The Urban Cluster would catalyze the energy of a diversity of PhD programs and build a shared vision about the study of cities.

Students in the program typically work on exciting and relevant questions combining faculty from home departments. (See Appendix F for dissertation titles of graduates.) In the past the

URBDP PhD Program has jointly taught one of its core courses (URBDP 591, Advanced Research Design) with the Evans School of Public Affairs PhD Program.

Faculty in the Interdisciplinary Program have recently engaged in more than 100 collaborative scientific efforts; 37 of these are within the University of Washington, 64 are outside the University (and include institutions such as MIT, the United Nations, and the National Academy of Sciences), with many affiliations ranging outside the United States.

Our vision for the future incorporates even more collaborative efforts (see Section IV).

3.7 Junior Faculty Development

The program makes a point of matching incoming students with faculty advisors who are appropriate to their research interests, but also tries to link them with junior faculty for the first year Advisory Committee. We perceive this to be a 'win win' situation considering that the junior faculty receive mentoring on how to mentor doctoral students. The opportunity to work with Ph.D. students enhances the range of grants and contracts for which junior faculty are eligible, providing them research assistance to aid in the successful completion of the projects, ultimately pointing them toward tenure and promotion. In addition, the steering committee mentors less senior faculty in administration and direction of a doctoral program, by making sure to have less senior faculty represented on the steering committee.

3.8 Faculty Diversification & Diversity Impact

All the faculty in the Interdisciplinary Ph.D. Program in Urban Design and Planning are housed in other units/departments, and the program currently has no faculty lines in its budget. Therefore, while we are unable to recruit directly to the program, faculty in the program frequently serve on faculty search committees and are able to lure recruits with the successful interdisciplinary doctoral program. Nevertheless, the program continues to be committed to inclusiveness and diversity among its students, faculty, and staff (see appendix G for student demographics), and we will continue to broaden its scope. In addition, having an international focus in both pedagogy and student/faculty backgrounds helps in promoting an environment of diversity and multi-cultural understanding. We believe this program contributes positively to the over-all diversity of the university and adds to the community of global citizenship.

Section 4: Future Directions

With the world becoming increasingly urban our field of knowledge and practice is becoming increasingly central to both academia and society. A very diverse and complex landscape of disciplinary studies ranging from ecology, public health, to sociology, political science, and economics is shifting the focus of a significant component of their inquiry towards the "urban." Researchers in physics, complexity theory and statistics have advanced the need to lay the foundation for a quantitative theory of cities. The growing interest in urban research in many UW departments and colleges provides us with a unique opportunity for advancing interdisciplinary scholarship and education. Scholars and teachers in our discipline have an unprecedented opportunity to play a leading role in bringing together diverse disciplines, integrating many points of observations, and linking research and practice.

The Interdisciplinary PhD Program in Urban Design and Planning is creatively engaging in such a challenge by proposing to create a cluster of independent PhD Programs that have a focus on urban issues by sharing pedagogy and resources (based on the IGERT model). The idea to develop an urban cluster of PhD programs at UW is grounded in the emerging centrality that the study of cities is gaining beyond urban design and planning. The premise is that “urban” is neither a specialization in a fragmented landscape of disciplines, nor “owned” by any one discipline, and could be approached both pedagogically and practically in a more integrated manner. The urban cluster would catalyze the energy of a diversity of PhD programs and build a shared vision about the study of cities. Furthermore such a cluster could ensure the long term sustainability of several PhD Programs in an uncertain economic environment.

Some of the possible practical benefits might be: collective classes, co-hosting symposia (combining funds), shared seminars, provide a mechanism for classes to meet together, enriched core curriculum, administrative advantages, potential appeal for top applicants, communication, email lists, etc., funding for an endowed fellowship, an Endowed Chair in Urban Studies, combine development efforts. But more importantly, we see this as a way to reframe education and more effectively address the future urbanization of the planet.

Part B: Unit-Defined Questions

The Interdisciplinary Ph.D. Program in Urban Design and Planning completed a strategic plan for 2008—2013 (see Appendix H). Through a series of workshops, the faculty and students redefined the program’s vision, mission, core values, identity, intellectual focus, core competencies, and indicators of success. In the Strategic Plan we set five key objectives:

- Reach national prominence (top 3 US Ph.D. planning programs).
- Align the curriculum and structure with the program’s intellectual focus.
- Create and support quality mentorship and advising.
- Develop an effective, accountable, and transparent governance structure.
- Generate and sustain necessary resources for the long-term viability of the program.

Our Definition of Success

A successful Ph.D. program distinguishes itself by its ability to provide a rigorous and engaging academic experience and prepare its students to be leaders in the international community of researchers, practitioners, and educators in the field of study. To achieve this vision of national prominence in the field of Urban Design and Planning, our strategic plan identifies three criteria of success:

1. *Students' success in the job market and publishing:* We define the quality of the program by the student success in the job market and in publishing in peer-reviewed and high impact journals.

2. *Leaders in creating innovation in the Urban Design and Planning field:* The quality of a Ph.D. program is also measured by the ability of its students and faculty to move the field forward and lead innovation through cutting edge research and practice.
3. *Agents of change in bridging urban science and practice:* A successful Ph.D. Program in Urban Design and Planning prepares leaders in linking scientific research to the planning and design practice.

We see the upcoming review as an opportunity to reflect on these core questions:

- 1) What progress has the program made toward each one of the above objectives?
- 2) What challenges and opportunities do the current structural and financial changes at the University of Washington pose to fully achieve each of these objectives?
- 3) What challenges and opportunities do the emerging changes in national and international trends in urban design and planning and doctoral education pose to achieve some of these objectives?
- 4) What can we learn from other institutions and PhD programs to address the challenges and opportunities above and to make further progress towards these objectives.

1. What progress has the Program made toward each one of the above objectives?

Over the last decade the Interdisciplinary PhD Program in Urban Design and Planning has made significant progress toward its objectives. By engaging in two major initiatives--the Strategic Plan and Mapping the Future-- students and faculty identified key challenges and opportunities for planning research and practice and examined their implications for graduate education. This process culminated in the recent refinement of the program's intellectual focus and realignment of the program's structure and curriculum.

With the world becoming increasingly urban our field of knowledge and practice is becoming increasingly central to both academia and society. Emerging problems in urban regions are complex and uncertain requiring evidence-based planning and management strategies and sophisticated integration of the social and natural sciences. Our program's emphasis on interdisciplinarity and extensive scholarship in key emerging research areas positions our program at the cutting edge.

An interdisciplinary program creates challenges in maintaining and supporting diverse research interests and approaches and providing a rich and balanced curriculum. We have accomplished important benchmarks set in our strategic plan and are continuing to make important progress in strengthening our capacity to perform a leading role in bringing together diverse disciplines, integrate many points of observations, and ensure high standards of scholarship.

We are on a healthy trajectory as also indicated by the number of applications, almost doubled

since 2004, and by the expanded collaboration and continued productivity of the faculty in generating funding support of students despite the economic downturn.

From 2010--2013 faculty published over 400 articles, 23 books, and more 87 book chapters, more than double the previous three years. For 2008--2010 the faculty had published over 180 articles, 15 books, and 30 book chapters. During the same time frame, the interdisciplinary group faculty were involved in over \$130,000,000 of research awards as PIs.

Members of the interdisciplinary group have been recipients of the following: MacArthur Foundation Fellowship, Fellow of the American Association for the Advancement of Science, Outstanding Teaching Award/School of Public Health, Distinguished Teaching Award/University of Washington, the Places Book Award, the Golden Circle Award, the Conservation Partners Award, the Outstanding Communications Award/Council of Educators in Landscape Architecture, the King County Earth Heroes Award, the Best Paper Award/World Symposium on Transport and Land Use Research, Distinguished Professorial Lecturer/University of Buffalo, and the 2007 Nobel Peace Prize (Intergovernmental Panel on Climate Change).

All of the graduates of the program continue to “be leaders in the international community of researchers, educators, and practitioners who focus on improving the quality of life and environment in metropolitan regions,” per our mission statement. Graduates in the last four years occupy academic positions in North America at the University of Pennsylvania; SUNY Buffalo; and University of Vermont, Portland State University, and University of Washington. Graduates from earlier classes this decade have achieved tenure at Portland State University San Jose State University; Texas A&M University, SUNY Buffalo, University of Missouri, University of Texas, Austin, and University of Toronto. A graduate from 2001, Kevin Krizek, is a tenured full professor and is directing a PhD program at the University of Colorado. Other graduates from the past decade occupy leadership or important research positions in federal, state and local government, and professional firms and service centers. Internationally, our graduates hold positions at Birzeit University, Palestine; Royal Institute of Technology, Sweden; Yonsei University, Seoul National University, Korea; University of Glasgow, Scotland, and other universities in Abu Dhabi, United Arab Emirates, Korea, and Thailand. (See Appendix D) As we document in Section A. 3.3, several of our graduates have received recent awards.

Students in the URBDP PhD program have a record of significant impact in conference presentations, publications, and participation in funded projects (See Appendix E). Current students in the last 3 years have published 13 peer reviewed papers, 8 reports and or conference proceedings, 1 book review, and 1 book chapter and presented at national and international conferences 52 times. They have also received 20 significant awards, including the Bullitt Environmental Fellowship (\$100,000).

PhD Faculty and students have also engaged in new and expanded collaborations. Faculty in UDP have active research collaborations with faculty in the UW College of Engineering (Bae, Moudon, Shen, with Chen). Strong relations have also been maintained since the early 2000s with the UW College of the Environment (Alberti with Bradley, Marzluff, Ryan, Lowel, Kim, Reichard), Geography (Mugeraur with Nyerges), the School of Public Health (Moudon with

Drewnowski, Duncan, and Saelens), and the School of Medicine (Moudon with Doescher). Other important collaborations are with Anthropology (Abramson with Harrell) and the School of Public Affairs (Abramson with Bostrom) with two faculty serving on the Steering Committee and several students' committees.

Significant progress has also been made to realign the program structure and curriculum to the emerging demands in interdisciplinary education. We refined our identity around three research clusters. An interdisciplinary program creates challenges in maintaining and supporting diverse research interests and approaches and providing a balanced and rich curriculum. To help students navigate through such complexity we identified core disciplines involved in our interdisciplinary program and reviewed course offerings and requirements for our graduate students. We also developed a new student guide and generated examples of curriculum profiles mapping their link to research clusters and program requirements.

Furthermore to improve the quality of advising and mentoring and establishing accountability of faculty and students, we designed an orientation for such a diverse faculty group to become familiar with the program requirements and procedures. To ensure quality mentoring in our program, starting with academic year 2013-14, the doctoral program Steering Committee introduced an annual student/advisor meeting reporting system that includes a work plan to be submitted to the Steering Committee by the student and faculty advisor at the beginning of the academic year.

We also have achieved increased participation of faculty and students through redesigning our regular bi-weekly research seminars and annual symposia. We made these activities in sync with the new emerging research agendas in planning, and we designed interactive panel discussions between students and faculty of the larger interdisciplinary group. An increased and diverse participation is also evident in the governance of the Program with an expanded interdisciplinary faculty group and active participation of four non-UDP faculty in the Steering Committee including Gordon Bradley (Forest Resources), Cynthia Chen (Engineering), Ann Bostrom (Public Affairs) and Steve Harrell (Anthropology). We also established and implemented new explicit rules for the composition, participation, and term of office in the steering committee, core faculty, and interdisciplinary group to create a more effective, accountable, and transparent governance structure.

2. What challenges and opportunities do the current structural and financial changes at the University of Washington pose to fully achieve each of these objectives?

The UW is committed to preparing leaders of change through excellence in research and education and by fostering a culture of collaboration to solve the world's most complex problems. Building on our solid foundations of interdisciplinary research and education we are extremely well positioned to meet the challenges that new emerging social, economic, and environmental trends pose to the field of Urban Design and Planning. Our extensive scholarship in key emerging research areas and engagement in problem solving gives an interdisciplinary program in urban design and planning a central role in research universities, such as the University of Washington. To meet our goals however we will need to make strategic decisions

that take into account the drastic budget constraints and new financial environment emerging from both Federal and State budgetary cuts. These changes challenge our ability to continue on our positive trajectory as a world-class PhD Program.

In the past five years, state cuts to higher education funding have been significant. There have been two major changes in the external financial environment

- Large reduction in state support of the University. The state of Washington has reduced funding for the University of Washington by 50 percent since 2009.
- Minimal growth in Federal research funding (NSF, NIH, EPA and DOT). Our program is highly dependent on external funding as documented in Section A of the self-study.

In addition two major changes in the UW financial environment pose significant challenges:

Increase in tuition by raising the tuition rates, which directly impacts student recruitment. Additionally, school operations have changed as tuition revenues became an increasing component of the total revenues.

Adoption of Activity-Based Budgeting (ABB) by the University: The University adopted an ABB model fully implemented in FY13. Under this system, tuition-based revenue is allocated to schools by a complex formula involving a weighted average of student credit hours (SCH) taught by, each school. The ABB system directly ties the distribution of General Operating Funds (GOF) to a school's teaching activities and rewards the large amount of teaching. This has several consequences for an interdisciplinary PhD Program. PhD Programs typically have a small student core and small classes. Our interdisciplinary emphasis also relies on cross-collaboration among units, which may be negatively affected by the ABB system.

Budget constraints also imply limited new faculty hires and low faculty salaries which compare poorly to those at our peer institutions. As a result we have lost three key senior Program faculty (Blanco, Waddell, and Kleit) over the last few years not being able to replace them.

A first immediate strategy for dealing with the side effects of small cohorts in such an economically constrained environment has been to broaden the appeal of the core courses in order to be able to attract an optimal number of students. More recently we have also restructured some of the core courses (i.e. URBDP 591) to support PhD students at different stages of their program. We are also planning to alternate teaching among core faculty to relieve the teaching burden and accommodate rotation of faculty in these courses.

A long term strategy to ensure the Program sustainability under such an uncertain economic environment is to create a UW cluster of independent PhD Programs that have a focus on urban issues by sharing pedagogy and resources (based on the IGERT model). The Urban Cluster would catalyze the energy of a diversity of PhD programs and provide several practical benefits: collective classes, co-hosting symposia (combining funds), shared seminars, provide a mechanism for classes to meet together, enriched core curriculum, administrative advantages,

potential appeal for top applicants, communication, email lists, etc., funding for an endowed fellowship, an Endowed Chair in Urban Studies, and combined development efforts.

3. What challenges and opportunities do the emerging changes in national and international trends in urban design and planning and doctoral education pose to achieve some of these objectives?

Urban Planning is a dynamic rapidly evolving field. Key emerging challenges:

- Rapid change of key determinants of urban development and wellbeing.
- Uncertainty about the future (i.e. climate change) and implications for planning
- Complexity of dynamic interactions among social, ecological, institutional and built environments.
- Emerging values and new conflicts about what constitute desirable urban futures.

Ph.D. programs face new challenges both within and outside the academic setting. Important societal challenges demand new scientific frameworks and education paradigms. Fundamental questions concerning mechanisms governing urban and metropolitan regions require interdisciplinary research aiming at understanding the interactions among the built, human, and natural environments. Academia, industry, and governments demand that we prepare new scholars and practitioners. Expanded economic competition, global environmental and health problems, and emerging national-security challenges require new approaches in graduate education. Ethical and cross-cultural issues are becoming even more prominent. Students need to be trained to become global scholars and communicate complex ideas and issues to diverse populations.

We see our core Program strength in our solid interdisciplinary foundation and governance. A Program with such interdisciplinary structure poses significant pedagogic and institutional challenges. At the same time the interdisciplinary nature of our Program provides a strategic advantage in addressing the emerging societal challenges. Our Program is strategically positioned to train scholars and professionals who can address complex problems, integrate multiple methods, communicate across disciplines, and lead and work in teams. These are essential quality for the future of PhD Education.

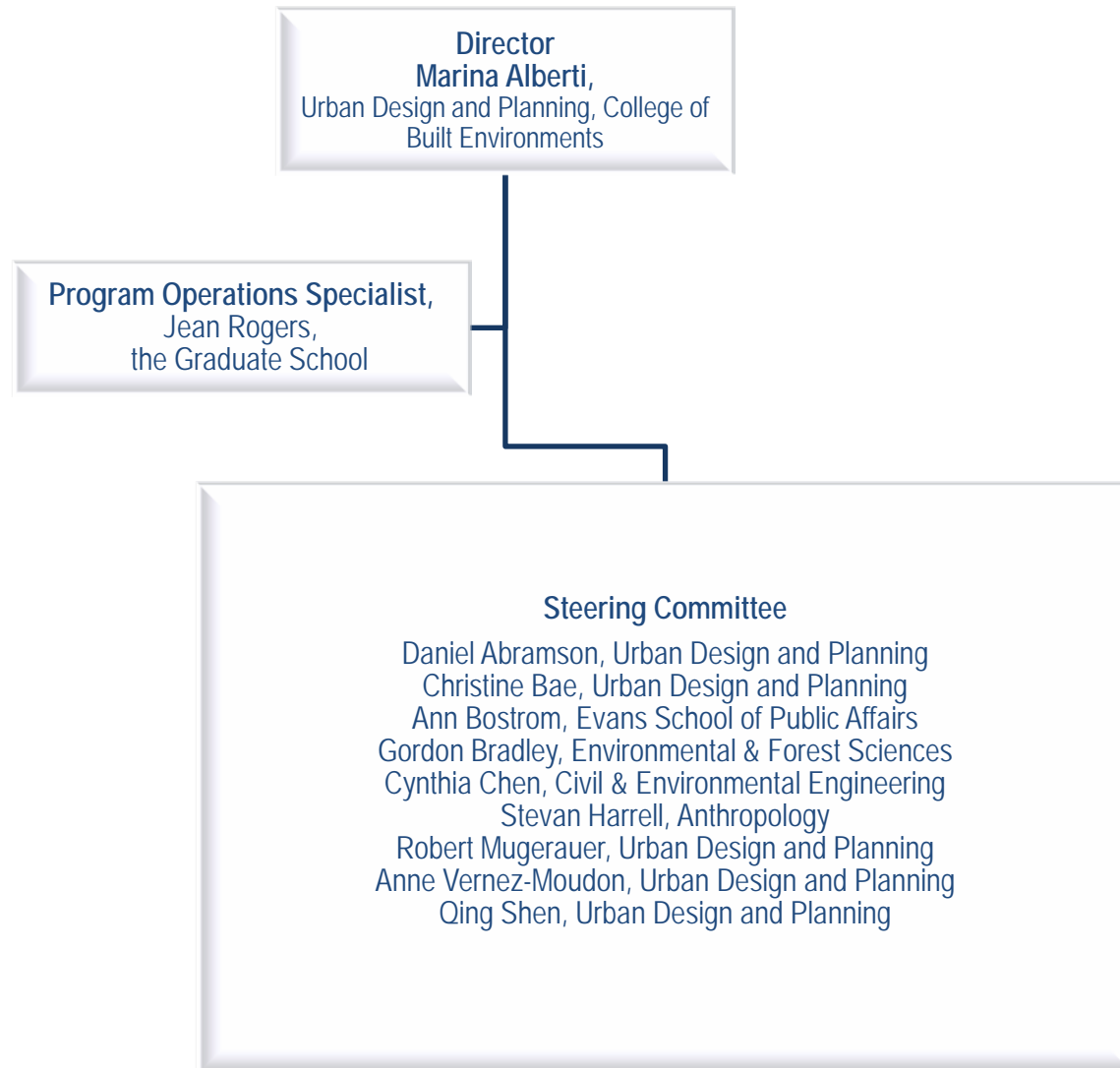
4. What can we learn from other institutions and PhD programs to address the challenges and opportunities above and to make further progress towards these objectives.

We see this review as an opportunity for exploring how other comparable institutions and Programs are addressing some of the emerging challenges and a unique chance for learning from our PhD review committee members how best to fine-tune our strategies to make further progress towards our objectives and vision. In particular how can the Program grow and evolve maintaining its identity, attract and graduate outstanding scholars, and achieve sustainability over the long term?

With the study of cities gaining a new centrality, we see the opportunity for graduate programs in urban planning to lead transformation and institutional change in graduate education through cross-disciplinary collaborations. Global change gives "urban studies" a new responsibility and offers our field a unique opportunity for leading a long term interdisciplinary research agenda, transforming modes of inquiry, and reconfiguring educational settings.

Over the next 2-3 years we expect to engage in a new strategic planning effort toward exploring the opportunity to create an Urban Cluster at the UW as an experiment in such direction.

APPENDIX A: ORGANIZATION CHART, INTERDISCIPLINARY PhD PROGRAM IN URBAN DESIGN AND PLANNING



Appendix B: Budget Summary, 2007—2013

Expenditure Category	2007-2009	2009-2011	2011-2013
Salary (Director's supplement)	9,000	9,000	9,000
3, 9-month Research Assistantships (4, in 2007)	107,689	90,251	97,099
1 fellowship (if renewed each year)	28,062	28,500	30,978
Operations, contract services & benefits	4,624	7118	5437
Discretionary support (for symposia, seminars, etc.)	2007--present =		27,237
Travel, for students to conferences/can be applied for when presenting			2,800

+ Staff support salary is provided by the Graduate School, as part of a shared position that also includes responsibilities for 2 other doctoral programs, and an NIH training grant.

Appendix C: Faculty Roster
Interdisciplinary PhD Program in Urban Design Planning 2013-2014

Last Name	First Name	Home department	Rank	Core/Affiliate	Link to Short CV / Faculty Webpage
Abramson	Dan	Urban Design and Planning	Associate Professor	Core*	http://urbdp.caup.washington.edu/people/faculty/departmental/profiles/abramson.html
Alberti	Marina	Urban Design and Planning	Professor	Core*	http://urbaneco.washington.edu/wp/sample-page/team/marina-alberti/
Bae	Christine	Urban Design and Planning	Associate Professor	Core*	urbdp.be.washington.edu/people/faculty/departmental/profiles/bae.html
Baker	Joel	Environmental Science, Tacoma	Professor	Affiliate**	http://www.tacoma.washington.edu/directory/employee_profile.cfm?employee_ID=1529
Beyers	William	Geography	Professor Emeritus	Affiliate	http://faculty.washington.edu/beyers/
Bitter	Chris	Urban Design and Planning	Assistant Professor	Affiliate	http://www.reuw.washington.edu/runstadcenter/bio-bitter.php
Blanco	Hilda	Urban Design and Planning	Professor Emeritus	Affiliate	http://www.pce.uw.edu/bio.aspx?id=2582 (very short paragraph)
Booth	Derek	ESS & Civil & Env. Engrg.	Affiliate Professor	Affiliate	http://www.bren.ucsb.edu/people/Faculty/derek_booth.htm
Born	Branden	Urban Design and Planning	Associate Professor	Core	http://urbdp.be.washington.edu/people/faculty/departmental/profiles/born.html
Borning	Alan	Computer Science & Engrg.	Professor	Core	https://www.cs.washington.edu/people/faculty/borning/
Bostrom	Ann	Public Affairs	Professor	Core*	http://evans.uw.edu/profile/bostrom
Boyle	Linda	Civil & Environmental Engrg.	Associate Professor	Affiliate**	http://www.ce.washington.edu/people/faculty/faculty.php?id=5
Bradley	Gordon	Forest Resources	Professor	Core*	http://www.sefs.washington.edu/SFRPublic/People/FacultyProfile.aspx?PID=26
Campbell	Christopher	Urban Design and Planning	Senior Lecturer	Core*	http://urbdp.be.washington.edu/people/faculty/departmental/profiles/campbell.html
Chalana	Manish	Urban Design and Planning	Assistant Professor	Affiliate**	http://urbdp.be.washington.edu/people/faculty/departmental/profiles/chalana.html
Chan	Kam Wing	Geography	Professor	Affiliate	http://faculty.washington.edu/kwchan/
Chen	Cynthia	Civil & Environmental Engrg	Associate Professor	Core*	http://faculty.washington.edu/qzchen
Crowder	Kyle	Sociology	Professor	Affiliate**	http://csde.washington.edu/people/interests.php?id=162
Cullen	Alison	Public Affairs	Professor	Affiliate	http://evans.uw.edu/profile/cullen
Drewnowski	Adam	Epidemiology & Medicine	Professor	Affiliate	http://depts.washington.edu/epidem/fac/facBio.shtml?Drewnowski_Adam
Duncan	Glen	Epidemiology	Associate Professor	Affiliate	http://depts.washington.edu/epidem/fac/facBio.shtml?Duncan_Glen
Ellis	Mark	Geography	Professor	Affiliate	http://faculty.washington.edu/ellism/
Elwood	Sarah	Geography	Associate Professor	Affiliate	http://faculty.washington.edu/selwood/
Faustman	Elaine	Environmental Health	Professor	Affiliate	http://deohs.washington.edu/research-centers/faculty-directory-and-research-interests/elaine-m-faustman
Goodchild	Anne	Civil & Env. Engrg.	Assistant Professor	Core	http://faculty.washington.edu/annegood/index.html
Guttorp	Peter	Statistics	Professor	Affiliate	http://www.stat.washington.edu/peter/
Harrell	Stevan	Anthropology	Professor	Core*	http://faculty.washington.edu/stevehar/bio.html
Harrington, Jr.	James W.	Geography	Professor	Affiliate	http://Faculty.washington.edu/jwh/jwhcv.html
Hou	Jeffrey	Landscape Architecture	Associate Professor	Affiliate	http://larch.be.washington.edu/people/jeff/jeff.php
Hurvitz	Phil	Urban Design and Planning	Research Asst. Professor	Affiliate**	http://gis.washington.edu/~phurvitz/cv/Hurvitz_cv.pdf
Kahn	Miriam	Anthropology	Professor	Core	http://depts.washington.edu/anthweb/users/mkahn
Kim	Soo Hyung	Forest Resources	Associate Professor	Affiliate	http://faculty.washington.edu/soohkim/
Larson	Timothy	Civil & Environmental Engrg.	Professor	Affiliate	http://deohs.washington.edu/research-centers/faculty-directory-and-research-interests/timothy-v-larson
Lawler	Joshua	Forest Resources	Associate Professor	Affiliate	http://faculty.washington.edu/jlawler/
Layton	David	Public Affairs	Professor	Core	http://evans.uw.edu/profile/layton
Logsdon	Miles	Ocean & Fish Sciences	Senior Lecturer	Affiliate	http://www.ocean.washington.edu/file/Miles+Logsdon+Two+page+CV
Manzo	Lynne	Landscape Architecture	Associate Professor	Affiliate	http://larch.be.washington.edu/people/lynne/lynne.php
Marzluff	John	Forest Resources	Professor	Affiliate	http://www.sefs.washington.edu/SFRPublic/People/FacultyProfile.aspx?PID=10
Miller	Donald	Urban Design and Planning	Professor	Core	urbdp.be.washington.edu/people/faculty/departmental/profiles/miller.html
Montgomery	David	Earth & Space Sciences	Professor	Affiliate	http://gis.ess.washington.edu/grg/
Moskal	Monika	Forest Resources	Assistant Professor	Affiliate	http://faculty.washington.edu/lmoskal/MOSKAL_CV%20Short.pdf
Moudon	Anne Vernez	Urban Design and Planning	Professor	Core*	http://depts.washington.edu/ufi/people/anne/index.html
Mugerauer	Bob	Urban Design and Planning	Professor	Core*	http://urbdp.be.washington.edu/people/faculty/departmental/profiles/mugerauer.html
Nyerges	Tim	Geography	Professor	Core	http://faculty.washington.edu/nyerges/
Prakash	Vikram	Architecture	Professor	Affiliate	http://faculty.washington.edu/vprakash/
Purcell	Mark	Urban Design and Planning	Associate Professor	Core	http://urbdp.be.washington.edu/people/faculty/departmental/profiles/purcell.html
Ryan	Clare	Forest Resources	Professor	Affiliate	http://www.sefs.washington.edu/SFRPublic/People/FacultyProfile.aspx?PID=45
Saelens	Brian	Pediatrics	Professor	Affiliate	http://www.seattlechildrens.org/saelens/
Shen	Qing	Urban Design and Planning	Professor	Core*	http://urbdp.be.washington.edu/people/faculty/departmental/profiles/shen.html
Way	Thaisa	Landscape Architecture	Associate Professor	Affiliate**	http://larchwp.be.washington.edu/people/facultystaff/staff/thaisa-way/
Whittington	Jan	Urban Design and Planning	Assistant Professor	Affiliate	http://urbdp.be.washington.edu/people/faculty/departmental/profiles/whittington.html

* Indicates Steering Committee member

**Indicates added autumn 2013

Appendix C: Faculty Roster
Interdisciplinary PhD Program in Urban Design Planning 2013-2014

Last Name	First Name	Home department	Rank	Core/Affiliate	Link to Short CV / Faculty Webpage
Withers	Suzanne	Geography	Associate Professor	Affiliate	http://csde.washington.edu/people/interests.php?id=49
Yocom	Ken	Landscape Architecture	Assistant Professor	Affiliate	http://larch.be.washington.edu/people/yocom/yocom.php
Zerbe	Richard	Public Affairs	Professor	Affiliate	http://evans.uw.edu/profile/zerbe

* Indicates Steering Committee member

**Indicates added autumn 2013

APPENDIX C: Grants Active During 2012-2013 Academic Year

Last Name	First Name	Grant	Amount	Duration
Abramson	Dan	FEMA grant (HSFE10-12-P-00139) <i>"A comparative approach to understanding community resiliency as balancing and inter-dependant services among differing types of capital," Co-PI with Bob Freitag and Manish Chalana</i>	\$85,000	April 2013-March 2014
		RESILIENCE and (GEO)HAZARD MITIGATION/ADAPTIVE PLANNING (NSF Hazards SEES) <i>"Magnitude 9 Earthquake Scenarios - Probabilistic Modeling, Warnings, Response and Resilience in the Pacific Northwest," Co-PI, Bostrom, Guttorp, ESS faculty, CEE faculty</i>	\$2,999,278	September 2013--September 2017
Alberti	Marina	National Park Service (NPS). <i>Identifying Spatial Metrics to Evaluate the Influence of Recreational Impacts on Ecosystems in Mount Rainier National Park. PI: Marina Alberti.</i>	\$24,848	September 2011-September 2012
		Bullitt Foundation. <i>Snohomish Basin Scenarios for 2060. PI: Marina Alberti</i>	\$160,000	January 2010-November 2013
Booth	Derek	US Army Corps of Engineers <i>Conceptual Model for Urban Stream Systems</i>		October 2012-September 2013 <i>At UCSB, not counted in total.</i>
Borning	Alan	National Science Foundation Grant IIS 0966929 <i>"SoCS: Socio-Computational Systems to Support Public Engagement and Deliberation," Alan Borning (PI), Lance Bennett (co-PI)</i>	\$733,231	June 2010-June 2014
		Google Research Award <i>Making Sense of Large-Scale Democratic Communication</i>	\$58,040	July 2012-Current
		King County Metro, support of OneBusAway	\$58,000	November 2012 - July 2013
Bostrom	Ann	Co-PI, National Ocean and Atmospheric Administration Coastal Response Research Center award to Scientific and Environmental Associates, Inc <i>"Response Risk Communication Tools for Dispersants and Oil Spills." PI Ann Hayward Walker, Bostram co-PI; total award \$179,945</i>	\$30,750	December 2012-January 2014
		National Science Foundation <i>Doctoral Dissertation Research award for Pradeep Singh, Discounting the Future in Strategic Interactions in a Heterogeneous Population</i>	\$14,534	<i>Amount is UW share; total is 179,945</i> 9/15/12-8/31/13
Bradley	Gordon	US Interior Pacific NW Coop Ecosystem Studies Unit Program Support	\$7,206	07-02-12 to current
		US InteriorPacific NW Coop Ecosystem Studies Unit Program Support	\$31,096	08.25.11 to current
Campbell	Christopher	DNR Snoqualmie Corridor Recreation Planning Senior Lecturer/Special Assistant to the Vice Provost, Undergrad Affairs	\$49,365	02.10.12 to current

APPENDIX C: Grants Active During 2012-2013 Academic Year

Last Name	First Name	Grant	Amount	Duration
Chen	Cynthia	National Science Foundation <i>Collaborative Research: Using cell phone data to analyze the continuum and life cycle of disaster in spatio-temporal movements</i>	\$499,000	9/1/2012-8/30/2014
		Research and Innovative Technology Administration (RITA), U.S. Department of Transportation <i>An innovative survey to understand the effect of land use changes on sustainable travel behaviors. Collaborators: Qing Shen and Anne Moudon of UW</i>	\$240,000	6/15/2012-10/30/2013
Cullen	Alison	NSF Sustainable Energy Pathways <i>NSF SEP: Sustainable Pathway to Terawatt-Scale Solution-Processed Solar Cells from Earth Abundant Elements (Co-PI)</i>	\$1,900,000	2012-2015
Drewnowski	Adam	R21 DK085406-01 Accounting for the social gradient in diet quality and health <i>Assess the relation between diet quality and diet cost across different social and economic strata.</i>	\$275,000	05/01/10 – 04/31/13
		R01 DK076608-06 Food environment, diet quality, and disparities in obesity <i>Amount is for FY 2013. Explore how access to food sources affects obesity rates using novel techniques of spatial analysis. Collaborators: AV Moudon, P Hurvitz.</i>	\$479,666	2013 FY <i>\$3,145,878 in total funding over 6 years</i>
Duncan	Glen	TWINStudy of environment, lifestyle behaviors, and health. GE Duncan, Principal Investigator, R01AG042176 <i>Anne Vernez Moudon and Phil Hurvitz are co-investigators on this grant.</i>	\$2,579,180	09/30/2011 – 08/31/2015
Ellis	Mark	National Institute of Child Health and Human Development, Center for Studies in Demography and Ecology (PI)	\$3,316,657	June 2012-June 2017
		National Science Foundation Northwest Census Research Data Center (PI)	\$300,000	September 2011-September 2014
		National Science Foundation Enclaves <i>Labor Markets, and the Locational Choices of US Immigrants in Economic Boom and Bust, (Co-PI with Richard Wright)</i>	\$415,000	July 2010-December 2013
Elwood	Sarah	Spencer Foundation Strategic Initiative on Civic Learning and Civic Action <i>"Mapping Youth Journeys: From Place-Based Learning to Active Citizenship." PIs: Sarah Elwood, Katharyne Mitchell.</i>	\$316,000	2009-2013
		National Science Foundation <i>"Collaborative Research: A GIScience approach for assessing the quality, potential applications, and impacts of volunteered geographic information." PIs: Sarah Elwood, Michael Goodchild, Daniel Sui.</i>	\$510,000	2009-2013

APPENDIX C: Grants Active During 2012-2013 Academic Year

Last Name	First Name	Grant	Amount	Duration
Faustman	Elaine	FDA 1 U01 FD004242 3D Testicular Cells Co-Culture Model for Reproductive and Developmental Toxicity <i>In this proposal we will develop a High Content Screening (HCS) and High Throughput (HTS) assay for predictive modeling using a 3-dimensional testicular cell co-culture system (3D-TCS) to test chemicals for R/D effects.</i>	\$250,000	9/21/11-8/31/14
				Current Direct Costs
		NSF OCE-1128883 Oceans and Human Health: Gene-Environment Interactions in the Pacific Northwest <i>This grant seeks to train the next generation of scientists (graduate student and postdoctoral researchers and undergraduates) adept at understanding and shaping the newly emerging field of "oceans and human health" that examines links between ocean processes and human health and well-being. Faustman – PI, Armbrust – Co-PI.</i>	\$432,343	9/1/11-8/31/13
				Current Direct Costs
		DHHS RFA-ES-09-011 Genetic and comparative approaches to predict the toxicity of Qdot nanoparticles <i>The objective of this program is to understand how physical and chemical characteristics of engineered nanomaterials (ENMs) influence their molecular interactions with biological matrices and elicit biological responses.</i>	\$123,769	9/30/10-9/29/15
				Project 3 CDC
		EPA RD-83451401 Center for Child Environmental Health Risks Research	\$794,201	9/25/09–9/24/15
		NIEHS P01 ES009601 Center for Child Environmental Health Risks Research <i>The aim of the Center is to understand the mechanisms that define children's susceptibility to pesticides, identifying the implications of this susceptibility for development and learning, and partnering with communities to translate our findings into risk communication, risk management and prevention strategies. Faustman-PI, multiple sources of funding for the Center.</i>	\$358,450	09/25/09- 07/31/14
				Current Direct Costs
		NICHD HHSN275200800015C Pacific Northwest Center for National Children's Study-Grant	\$2,297,869	9/26/08–9/25/13

APPENDIX C: Grants Active During 2012-2013 Academic Year

Last Name	First Name	Grant	Amount	Duration
Faustman		<i>The National Children's Study is a multi-year research study that examines the effects of environmental influences on the health and development of more than 100,000 children across the United States, following them from before birth until age 21, with the goal of improving the health and well-being of children. The Pacific Northwest Center for the National Children's Study (PNWNCS) is a regional collaborative response to this call to push our understanding of children's health into the 21st century. The National Children's Study has initiated several formative research projects that are limited in scope and duration and are intended to augment and inform the main Study to address specific technical questions and provide information about scalability, acceptability, and feasibility.</i>		
Goodchild	Anne	PacTrans <i>Developing a robust survey methodology for collecting information on the port truck drayage industry</i>	\$30,000	Current Direct Costs July 2012-December 2013
		Port of Seattle <i>Evaluating Port Drayage</i>	\$50,000	July 2012-June 2013
		University of Paris <i>Sustainable Urban Transportation, visiting scholar</i>	\$8,921	November 2012-January 2013
		Oregon Department of Transportation <i>Capturing Multimodal Comparisons in Freight Project Prioritization, Co-PI</i>	\$150,000	July 2012-December 2013
		Washington Department of Transportation <i>Freight Benefit/Cost Analysis</i>	\$350,000	June 2011-January 2013
Guttorp	Peter	Nordforsk TFI grant <i>Statistical Approaches to Regional Climate Models for Adaptation.</i>	\$199,785	2010-2013 <i>1150000 Norwegian Krone; conversion to USD based on exchange rate on 6/10/2013</i>
		National Science Foundation <i>RNMS: Statistical Methods for Atmospheric and Oceanic Sciences; Co-PI</i>	\$4,954,907	2011-2016
Larson	Timothy	R831697 STAR Grant (Kaufman) USEPA <i>Prospective Study of Atherosclerosis, Clinical Cardiovascular Disease, and Long-Term Exposure to Ambient Particulate Matter and Other Air Pollutants in a Multi-Ethnic Cohort. This major, multi-site, prospective cohort study ("MESA Air") will be examining the relationship between air pollutants, the progression of subclinical atherosclerosis, and incidence of cardiovascular events in several US communities. It is an ancillary study to the NIH/NHLBI Multi-Ethnic Study of Atherosclerosis (MESA).</i>	\$2,740,331	8/1/04-7/31/14

APPENDIX C: Grants Active During 2012-2013 Academic Year

Last Name	First Name	Grant	Amount	Duration
Larson		R833741 EPA (Larson) <i>Spatial Investigation of Sources, Composition, and Long-Term Health Effects of Coarse articulate Matter (PM_{10-2.5}) in the Multi-Ethnic Study of Atherosclerosis (MESA) Cohort. Primary aims of this study are to characterize the spatial variability of coarse particles from natural and anthropogenic sources and examine their associations with cardiovascular and respiratory disease. It is an ancillary study to MESA Air.</i>	\$264,946	3/1/08 – 2/28/13
		RD-83479601 EPA (Vedal) UW Center for Clean Air Research <i>Near-roadway pollution, a multi-pollutant atmosphere, consists of vapor and gas phase components that vary by vehicle emission source, road surface, extent of physical aging and the type and degree of atmospheric processing and photochemical reactions. The immediate aim of the UW CCAR is to disentangle features of this complex mixture to provide insight into those that are especially toxic to the cardiovascular system. The ultimate aim is to identify the specific near-roadway emission sources and interactions that produce the greatest toxicity. The CCAR consists of five research projects and two facility cores (an Administrative Core and a Biostatistics Core).</i>	1,273,087	12/1/10-11/30/15
		National Parks Service (Larson) <i>Development of a Hybrid Receptor Model For Characterizing Air Quality Impacts From Wildland Fire Particulate Matter Emission</i>	\$178,000	2009- 9/2013
Larson		RD-83479601 EPA (Vedal) UW Center for Clean Air Research <i>This center examines near-roadway pollution, a multi-pollutant atmosphere, consists of vapor and gas phase components that vary by vehicle emission source, road surface, extent of physical aging and the type and degree of atmospheric processing and photochemical reactions. The immediate aim of the UW CCAR is to disentangle features of this complex mixture to provide insight into those that are especially toxic to the cardiovascular system. The ultimate aim is to identify the specific near-roadway emission sources and interactions that produce the greatest toxicity. The CCAR consists of five research projects and two facility cores (an Administrative Core and a Biostatistics Core). Dr. Larson is the deputy director.</i>	1,273,087	12/1/10-11/30/15
Lawler	Joshua	USGS Northwest Climate Center (sole PI)	\$177,859	2012-2014
		Wilburforce Foundation (sole-PI)	\$40,000	2012-2013
		Stanford University (USDoD), co-PI	\$228,118	2011-2013
		David and Lucile Packard Foundation (lead-PI)	\$165,000	2011-2013
		USGS/NPS (lead-PI)	\$236,405	2011-2013

APPENDIX C: Grants Active During 2012-2013 Academic Year

Last Name	First Name	Grant	Amount	Duration
Lawler		U.S. DoD, SERDP (lead PI) Others ending in 2012...	Under Marzluff	2011-2015
			\$408861	2011-2012; not counted in total because unsure if they were active 2012-2013 year
Manzo	Lynne	National Priorities Research Program of the Qatar National Research Fund <i>grant to fund a 2-year study of the Social Impact Assessment of Intensive Development: High-Rise Life in Urban Qatar</i>	\$506,000	2011-2014
		Bremerton Housing Authority HOPE VI Evaluation Contract for a 4-year research project to examine the impacts of the redevelopment of a public housing site into a mixed income community. Study will track original residents who were relocated and examine impacts on both the receiving and surrounding communities.	\$369,000	2009-2013
Marzluff	John	Department of Defense <i>Sources and sinks: elucidating mechanisms, documenting patterns, and forecasting impacts</i>	\$1,250,000	May 5, 2011 to May 4, 2016
		USDA McIntyre-Stennis <i>Feasibility of a wolf economy for Washington State. With Aaron Wirsing and Stanley Asah.</i>	\$84,000	2013-2014
Miller	Donald	Financial support for UPE10 (2012) from the government of Australia, the United States Studies Center in Sydney, and other sources.	\$65,000	2012
		Funding support currently at \$ 16,000 for the International Bicycle Urbanism Symposium, to be held in June, 2013, in the College of Build Environments, University of Washington.	\$46,000	June 2013
Moskal	Monika	Lists total only (3.13 million)		
Moudon	Anne Vernez	National Institutes of Health 1 R01 HL107559-01/R01 DA032309-01 <i>(Co-Investigator; Duncan, PI) TWINStudy of Environment, Lifestyle Behaviors, and Health. A twin study of gene by environment interactions on lifestyle behaviors and health. This research uses a twin design to examine how the built environment is associated with physical activity and eating habits, and how aspects of the built environment operate through the mechanisms of physical activity and nutrition in its association with body mass index.</i>	Counted under Duncan	09/30/11-08/31/16
		National Institutes of Health 2R01 DK076608-04	Counted under Drewnowski	03/01/11-02/28/15

APPENDIX C: Grants Active During 2012-2013 Academic Year

Last Name	First Name	Grant	Amount	Duration
Moudon		<p><i>(Co-Investigator; Drewnowski, PI) Food environment, diet quality and disparities in obesity. This project will provide objective measures of built environment, diet quality, and health outcomes to validate the results of a previous grant on the same topic.</i></p> <p>National Institutes of Health 1 R01 HL103478-01A1</p> <p><i>(Co-Investigator; Doescher, PI) Rural town walkability: measuring the effect of the built environment. The goal of this project is to identify built environmental correlates of walking in rural towns and evaluate the role of low socioeconomic status (SES) and Latino ethnicity on these relationships.</i></p> <p>US and Washington State Departments of Transportation (PacTrans)</p> <p><i>(Co-Principal Investigator, Chen, PI) 2012-13. An innovative survey design to understand sustainable travel behaviors</i></p> <p>National Institutes of Health – National Heart Lung and Blood Institute (R01HL091881)</p> <p><i>“The Effect of Light Rail Transit on Physical Activity: A Natural Experiment”: This study aims to better estimate the causal influence of the change in transportation systems and built environment on walking and physical activity. Brian Salens is the PI; A.V. Moudon PI for sub-contract.</i></p>	<p>\$1,280,000</p> <p>Counted under Chen</p> <p>Counter under Salens</p>	<p>July 2010-June 2013</p> <p>06/16/2012 – 11/01/2013</p> <p>September 2008 – July 2013</p>
Nyerges	Tim	<p>Student Technology Fee Committee</p> <p><i>Collaborative Geospatial Information Technologies at the Learning Frontier, Student Technology Fee Committee</i></p> <p>Office of Cyberinfrastructure, Software Institutes, Cross-Directorate Active Programs, Geography and Spatial Sciences, Method, Measure & Statistics, OCI-1047916</p> <p><i>CyberGIS Software Integration for Sustained Geospatial Innovation, Shaowen Wang (PI), Co-PI’s Luc Anselin, Budhendra L. Bhaduri, Xuan Shi, Timothy L. Nyerges, Nancy R. Wilkins-Diehr</i></p>	<p>\$131,000</p> <p>\$687,410</p>	<p>July 1 2012 – June 30, 2015</p> <p>October 1, 2010 – September 30, 2015</p>
Saelens	Brian	<p>Centers for Disease Control and Prevention (H75DP004595-01)</p> <p><i>“Transforming the Health of South King County to Reduce Regional Health Inequities” as part of the Community Transformation Grant – Small Communities program. This project aims to have Seattle Children’s, Public Health – Seattle and King County, and the Healthy King County Coalition work collaboratively with youth, families and communities in South Seattle and South King County on obesity prevention and tobacco control, particularly among youth. Co-PI: Krieger</i></p> <p>National Institute of Diabetes and Digestive and Kidney Diseases (R21 DK095676)</p>	<p>\$3,374,880</p> <p>\$275,000</p>	<p>September 30, 2012 – September 29, 2014</p> <p>September 2012 – August 2014</p>

APPENDIX C: Grants Active During 2012-2013 Academic Year

Last Name	First Name	Grant	Amount	Duration
Saelens		<p><i>“Peer Counseling in Family-Based Pediatric Overweight Treatment” (aka Parent Partnership Project). This study aims to test the feasibility, acceptability, and initial efficacy of training families who receive behavioral weight management for pediatric overweight to subsequently serve as peer interventionists to other families seeking this intervention.</i></p> <p>Safeway Foundation “Peer Counseling in Family-Based Treatment for Childhood Obesity” <i>This study examines the relative acceptability and efficacy of receiving peer versus professionally delivered family-based weight control treatment for pediatric overweight.</i></p> <p>National Institutes of Health – National Heart Lung and Blood Institute (R01HL091881) <i>“The Effect of Light Rail Transit on Physical Activity: A Natural Experiment”: This study aims to better estimate the causal influence of the change in transportation systems and built environment on walking and physical activity. Anne Vernez Moudon is a co-investigator on this project.</i></p>	\$76,334	July 2012 – June 2013
Shen	Qing	<p>An Innovative Survey Design to Understand Sustainable Travel Behaviors. Funded by PacTrans/US Department of Transportation.</p> <p><i>Co-Principal Investigator, with Cynthia Chen of University of Washington as Principal Investigator, Anne Moudon and Hejun Kang as Co-PIs</i></p> <p>Bicycle Route Choice: GPS Data Collection and Travel Model Development. Funded by PacTrans/US Department of Transportation.</p> <p><i>Principal Investigator, with Alon Bassok of University of Washington as Co-Principal Investigator</i></p>	Counted under Chen	2012 – 2013
Whittington	Jan	<p>University of Washington, Campus Sustainability Fund, 2013</p>	\$5,000	January 2013-April 2013

APPENDIX C: Grants Active During 2012-2013 Academic Year

Last Name	First Name	Grant	Amount	Duration
Whittington		<p><i>UW-Solar (Feasibility Study). Stefanie Young, Ph.D. Student in Urban Planning and Design; Jonathan Olds, Masters of Urban Planning and Design and Masters of Public Affairs; DC Grant, Masters of Infrastructure, Planning and Management; Kristen Gelino, Masters of Urban Planning and Design; Michelle Hill, Masters of Urban Planning and Design; Kyle Nicholas, Masters of Infrastructure Planning and Management; Justin Brecese, Masters of Information Sciences; Casey Rodgers, Masters of Information Sciences; Duncan Clauson, Masters of Public Affairs; Bruce Reed, Masters of Public Affairs; Jeff Bernard, Masters of Science in Real Estate; Otis Alexander, Bachelors of Science in Computer Science (UW Tacoma)</i></p> <p>University of Washington, Campus Sustainability Fund, 2013 <i>Husky Sustainable Storms (Contingency Funds). Jan Whittington - Faculty Adviser; Patrick Green, Masters of Urban Planning and Design and Masters of Public Affairs; Stefanie Young, Masters of Urban Planning; Erica Bush, Masters of Landscape Architecture and Masters of Urban Planning and Design; Matthew McNair, Masters of Civil and Environmental Engineering; Kristen Gelino, Masters of Urban Planning and Design; Michelle Hill, Masters of Urban Planning and Design; Sunni Wissmer, Bachelors of Arts in Community, Environment, and Planning</i></p> <p>National Science Foundation, Federal Cyber Service, Scholarship for Service, 2012 1129269 <i>University of Washington Scholarship for Service Program, (Amended) Jan Whittington - Co-PI Barbara Endicott-Popovsky (PI), Information School; Sam Chung (Co-PI), Computer Science, UW Tacoma</i></p> <p>City of Seattle, Legislative Department, 2012 <i>Seattle Department of Transportation Efficiencies Review Support</i></p> <p>University of Washington, Campus Sustainability Fund, 2012 <i>Husky Sustainable Storms (Design-Build Project) Patrick Green, Masters of Urban Planning and Design and Masters of Public Affairs; Stefanie Young, Masters of Urban Planning; Erica Bush, Masters of Landscape Architecture and Masters of Urban Planning and Design; Matthew McNair, Masters of Civil and Environmental Engineering; Kristen Gelino, Masters of Urban Planning and Design; Michelle Hill, Masters of Urban Planning and Design; Sunni Wissmer, Bachelors of Community, Environment, and Planning</i></p>	<p>\$5,000</p> <p>\$2,004,851</p> <p>\$75,000</p> <p>\$84,000</p>	<p>January 2013-April 2013</p> <p>August 2012-August 2015</p> <p>August 2012-August 2013</p> <p>May 2012-May2013</p>
Zerbe	Richard	MacArthur Foundation grants	\$659,000	Ongoing

APPENDIX C: Grants Active During 2012-2013 Academic Year

Last Name	First Name	Grant	Amount	Duration
Zerbe		<p><i>Development and support of the Society for Benefit-Cost Analysis</i></p> <p>MacArthur Foundation</p> <p><i>ned as an outgrowth of the Foundation's support of the Benefit-Cost Analysis Center of the Evans School of Public Affairs at the University of Washington-Seattle, the Society for Benefit-Cost Analysis is an international group of practitioners, academics, and others working to improve the theory and application of benefit-cost analysis. It will use this grant for two types of activities: strengthening the Society's operational infrastructure by hiring an executive director and developing a strategic business plan; and sponsoring three annual Social Benefit-Cost Analysis Conferences for the intellectual and professional development of its members and the larger field. - See more at: http://www.macfound.org/grantees/1473/#sthash.ADpKaL8e.dpuf</i></p>	\$650,000	2010-2013
		TOTAL	\$45,981,771	

Grants active during 2009-2010 Academic Year

NAME	GRANT	AMOUNT	DURATION
Abramson, Dan	Fulbright Research Scholar grant		
Alberti, Marina	Bullitt Foundation	\$160,000	2010-2013
	Bullitt Foundation	\$14,410	2009-2010
	NOAA	\$44,843	2008-2010
	Weyerhaeuser Co.	\$49,814	2008-2009
	NSF	\$1,399,644	2005-2009
	EPA	\$75,000	2009-2011
Borning, Alan	NSF	\$875,000	2009-2012
Bostrom, Ann	NSF	\$145,850	2008-2010
	NSF	\$167,908	2007-2010
Drewnowski, Adam	NIH/NCRR	\$380,255	2004-2010
	NIH/NIDDK	\$1,502,941	2008-2011
Duncan, Glen		\$8,460,945	2005-2010
		\$4,000,000	2005-2010
		\$223,450	2007-2010
		\$90,000	2007-2010
		\$47,116	2007-2010
		\$2,791,895	2007-2012
		\$3,586,247	2009-2011
Ellis, John Mark	NSF	\$415,000	2010
Elwood, Sarah	Spencer Foundation	\$316,000	2009-2012
	NSF	\$510,000	2009-2012
	Natonal Geographic Educ. Found	\$50,000	2009-2010
	NSF Career award	\$425,000	2003-2010
Faustman, Elaine	NICHD	\$14,439,054	2007-2012
	NICHD	\$13,439,515	2008-2013
	EPA	\$7,258,337	2003-2010
	NIEHS	\$7,814,087	2009-2014
	NIEHS/NSF	\$6,408,405	2004-2010
	NSF	\$1,824,999	2009-2011
	NIEHS	\$102,497	2009-2011
	EPA	\$749,997	2005-2010
	NOAA	\$472,115	2007-2010
	Humane Soc & Procter & Gamble	\$25,000	2007-2011
	NIEHS	\$409,131	2008-2019
	NIH	\$5,000	2010
Goodchild, Anne	NCFRP	\$35,000	2009-2011

Grants active during 2009-2010 Academic Year

NAME	GRANT	AMOUNT	DURATION
Goodchild, Anne	Canadian Studies	\$1,200	2009-2010
	WSDOT	\$67,500	2007-2011
	TransNow	\$37,882	2009-2010
	TransNow	\$36,831	2009-2010
	ODOT	\$60,110	2009-2010
	FHWA SHRP	\$20,000	2008-2010
Guttorp, Peter	NSF	\$4,100,000	current
	NIH	\$1,895,000	"
	NIH	\$508,000	"
	PIMS	\$215,940	"
	STINT	\$2,000,000	"
	Nordic Council Research Excellence	\$1,100,000	"
Hou, Jeffrey	Worldwide Universities Network		2010
Kim, Soo-Hyung	Natl Ctr for Agro-Meteorology	\$75,000	2010-2012
	Cascade Land Conservancy	\$68,287	2010-2012
	NSF	\$350,000	2009-12
	Chicago Botanic Garden	\$6,360	2009-11
	Worldwide Universities Network	\$20,000	2008-10
	USDA	\$36,138	2007-10
	UW Royalty Research Fund	\$28,727	2008-10
	NW Area Foundation	\$1,500,000	2007-2012
Lawler, Josh	USGS/NPS	\$236,405	2011-2013
	USGS National Climate Change ...	\$826,842	2009-2011
	USGS/NPI	\$99,649	2009-2011
	NPS	\$93,000	2008-2010
	NSF	\$1,242,625	2008-2011
	WA Chapter of Nature Conservancy	\$100,000	2008-2010
	US EPA Star	\$588,275	2008-2011
	NASA		2008-2011
Logsdon, Miles	NASA	\$689,872	2007-1020
	Bremerton Housing Authority	\$369,000	2009-2010
Manzo, Lynne	US EPA	\$300,000	2007-2010
	US Federal Highway Administration	\$120,000	2007-2010
Shen, Qing	Lincoln Inst. Of Land Policy	\$30,000	2008-2010
	US DOT	\$95,000	2009-2011
	NIH		2008-1013
Vernez-Moudon, Anne	US & Washington DOT	\$165,000	on-going

Grants active during 2009-2010 Academic Year

NAME	GRANT	AMOUNT	DURATION
Vernez-Moudon, Anne	Washington Traffic Safety Commission		on-going
	NIH (with Drewnowski)		2008-2011
	NIH (with Duncan)		2007-2010
	NIH (Buchwald)	\$2,880,889	2009-2011
	NIH/NHLBI (Saelens)		2008-2013
TOTAL		\$98,677,987	

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other	
Abramson	Dan	“Urban-rural integration’ in the Earthquake Zone: Sichuan’s Post-Disaster Reconstruction and the Expansion of the Chengdu Metropole,” contribution to special issue of <i>Pacific Affairs</i> on <i>Periurban Dynamics in China and Vietnam: Becoming Urban</i> , guest-edited by John Friedmann. Co-authored with Qi Yu. Vol.84, No.3 pp. 495-523(29)	x					
		“Transitional Property Rights and Local Developmental History in China,” <i>Urban Studies</i> , Vol. 48, No.3 (March 2011): 553-568. Sole author.	x					
		“Places for the Gods: Urban Planning as Orthopraxy and Heteropraxy in China,” <i>Environment and Planning D: Society and Space</i> , Vol.29, No.1 (February 2011): 67-88. Sole author.	x					
		<i>Overseas Chinese Houses in Fujian: the Diasporic Transformation of Home</i> , book manuscript under contract with Lexington Books, an imprint of The Rowman & Littlefield Publishing Group, Inc. In Preparation.					x	
		“Space for Community Empowerment in the Planning of China’s Urbanization,” submitted May 4, 2009, by invitation for publication in a special issue of <i>Places</i> on urban development in China. Sole author. In Preparation.					x	
		“Order and Disorder in Chinese Urbanism,” in preparation for <i>Messy Urbanism</i> , co-edited by Jeffrey Hou and Manish Chalana, book prospectus. Sole author. In Preparation.					x	
		“Planning for New Urban-Rural Relations in China,” in preparation for <i>Transforming Distressed Global Cities into More Healthy and Humane Places</i> , edited by Fritz Wagner, book prospectus. In Preparation.					x	
		“Community resilience approaches to risk reduction and recovery efforts,” invited abstract submitted for <i>Journal of the American Planning Association</i> 2013 Call for Special Issue on “Building Back Better,” co-authored with Manish Chalana and Bob Freitag. In Preparation.					x	
		“Urban Design, Development Policy and Superblocks,” for <i>The China Lab Guide to Megablock Urbanism</i> , edited by Jeffrey Johnson, Actar, expected publication Spring 2014.					x	http://www.china-lab.org/china-lab-guide-to-megablock-urbanisms-call-for-contributions
		“Saving the City: Landscape Heritage as a Frontier of Urban Conservation in China,” for <i>Conserving the City: Critical History and Urban Conservation</i> , edited by Michele Lamprakos and Randall Mason, University of Pennsylvania, prospectus in preparation.						x
Review of “The Great Urban Transformation: Politics of Land and Property in China,” by Youtien Hsing (Oxford, 2010) for <i>Urban Studies</i> , in press. Sole Author.						x	book review	
Alberti	Marina	Alberti, M. Cities as Hybrid Ecosystems. UW Press. Forthcoming 2014.		o				
		Alberti, M., Pataki, D., Pincetl, S., Pouyat, R. and T. Whitlow (Eds and Authors) In Review. Special Issue on Urban Ecology. Proceeding of National Academy of Science (PNAS).				x		

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Alberti (continued)		Alberti, M. In Preparation. The Anthropocene City. In Trischler, H. Leinfelder, R. Möllers, N., Keogh L. and C. Schwaegerl 2014. The Age of Man (in English and German). Deutsche Museum. Germany.				x	
		Alberti, M. In preparation. Re-Framing Urban Ecology: Towards a Science of Cities as Hybrid Ecosystems.				x	
		Marsik, M., Alberti, M., Hutyra, L., and J.A.Hepinstall. In Preparation. Modeling Land Cover Change in Puget Sound: Implications for Urban Ecosystem Services. Planning and Environment B.				x	
		Alberti, M. and L. Hutyra. 2013. Carbon signatures of development patterns along a gradient of urbanization. D. T. Robinson, D. G. Brown, N. French, and B. Reed (Eds) Land Use and the Carbon Cycle Science and Applications in Coupled Natural-Human Systems. Cambridge University Press.			x		
		Pataki, D.E., Alberti, M., Cadenasso, M.L., Felson, A.J., McDonnell, M.J., Pincetl, S., Pouyat, R.V., Setala, H., Whitlow, T.W., 2013. City trees: Urban greening needs better data. Nature 502: 624.	x				
		Hutyra, L. R., Yoon, B., and M. Alberti. 2011. Terrestrial carbon stocks across a gradient of urbanization: Study of the Seattle, WA region. Global Change Biology, 17 (2): 783–787.	x				
		Cuo, L., Beyene, T.K., Viosin, N., Su, F., Lettenmaier, D.P., Alberti, M., and J.E. Richey. 2011. Effects of mid-twenty-first century climate and land cover change on the hydrology of the Puget Sound basin, Washington. Hydrological Processes. 25.	x				
		Hutyra, L. R., Yoon, B., Hepinstall-Cymerman, J., and Alberti, A. 2011. Land cover change in the Seattle metropolitan region: An examination of spatio-temporal patterns and carbon consequences. Landscape and Urban Planning 103: 83-93.	x				
		Alberti, M. 2010. Maintaining ecological integrity and sustaining ecosystem function in urban areas. Current Opinion in Environmental Sustainability, 2 (3): 178-184.	x				
		McPhearson, T. Auch, R. and M. Alberti 2013. Cities and Biodiversity Outlook: North America Cities and Biodiversity Outlook (CBO): Scientific Analyses and Assessment. UNEP-CBD, Springer-Verlag.					Report
		Elmqvist, T. Fragkias, M., Goodness, J., Guneralp, B., McDonald, R., Marcotullio, P. Parnell, S., Schewenius, M., Sendstad, M., Seto, K., Wilkinson, C., Alberti, M., Folke, C., Haase, D., Katti, M., Niemelä, J., Tidball, K., Nagendra, H. Pickett, S., Redman c. 2013. Stewardship of the Biosphere in the Urban Era. Chapter 15. Cities and Biodiversity Outlook (CBO): Scientific Analyses and Assessment. UNEP-CBD, Springer-Verlag.					Report
		Alberti, M. and L. Hutyra. 2011. Detecting Carbon Signatures of Development Patterns across a Gradient of Urbanization: Linking Observations, Models, and Scenarios. World Bank. Forthcoming.					Report
		Alberti, M. Russo, M and K. Tenneson. March 2013. Snohomish Basin 2060 Scenarios. Adapting to an Uncertain Future. Decision Support for Long Term Provision of Ecosystem Services in the Snohomish Basin, WA. Urban Ecology Research Laboratory, University of Washington, Seattle.					Report
		Blanco, H. P.I., Co-PIs: J. Newell (U. Michigan); L. Stott (USC); M. Alberti (UW). 2012. Water Supply Scarcity in Southern California: Assessing Water District Level Strategies. Los Angeles, CA: Center for Sustainable Cities, Price School of Public Policy, University of Southern California.					Report

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Alberti (continued)		Alberti, M. and M. Marsik. 2010. Land Cover Change Modeling. Urban Ecology Lab.					Report
		Alberti M. and D. Spirandelli. 2010. Human Systems Modeling and Analysis for Puget Sound Ecosystem-Based Management. PI: NOAA.					Report
		Alberti M. et al. 2010. Urban landscape patterns as emergent phenomena in Seattle and Phoenix. National Science Foundation Biocomplexity (BCS 0508002).					Report
Bae	Christine	"Bicyclists' Exposure to Air Pollution in Seattle: A Hybrid Analysis Using Personal Monitoring and Land Use Regression," (with E-Sok Andy Hong*) <i>Transportation Research Record</i> , 2270 (2012), pp. 59-66 .	x				
		"The Impact of Gasoline Prices on Transit Ridership in Washington State," (with Victor Stover) <i>Transportation Research Record</i> , forthcoming	o				
		"Evaluating the Impact of Transit Service on Parking Demand and Requirements," (with Daniel H. Rowe and Qing Shen), <i>Transportation Research Record</i>	x				
		"Assessing Multifamily Residential Parking Demand and Transit Service," (with Daniel H. Rowe and Qing Shen) <i>ITE Journal</i> , 80:12 (2010) pp. 20-29	x				
		"Measuring Neighborhood Air Pollution: The Case of Seattle's International District," (with A. Bassok, P. Hurvitz, and T. Larson) <i>Journal of Environmental Planning and Management</i> , 53:1 (2010) pp. 23-39. (Corresponding Author)	x				
		Regional and Urban Policy and Planning on the Korean Peninsula (with H.W. Richardson). Cheltenham, UK: Edward Elgar (Publication record year: 2011)		x			
		Gaebal Yangdo Gwon: Seattle Sarye (Making TDR Work: The Case of Seattle Metropolitan Area), Translated into Korean, Anyang, South Korea: Korea Research Institute for Human Settlement, 2013					Translation
		Reshaping Regional Policy (co-edited with H.W. Richardson and S.-C. Choe). Northhampton, MA: Edward Elgar (2011) *publication year 2012		x			
		"Inequity and Regional Development Policies," in Reshaping Regional Policy. Chapter 14, pp. 240-254 Northhampton, MA: Edward Elgar, 2011				x	
		"Conclusions," (with H.W. Richardson) <i>ibid</i> , Chapter 21, pp. 347-351 . Northhampton, MA: Edward Elgar, 2011				x	
		Back to the Future: A History of Transit Planning in the Puget Sound Region. (with M. Chalana and J. Ochsner) eBook by Lulu					eBook
Beyers	William	"Determinants of Change in Service Employment in the United States, 1998-2005. Findings Based On A New Classification of Industries," <i>The Service Industries Journal</i> , Vol. 30, No. 4 (April); pp. 531-47.	x				
		"Producer Services," in (Barney Warf Ed.), <i>Encyclopedia of Geography</i> Sage Publications: Thousand Oaks CA. Volume 5, pp. 2293-2295.					Encyclopedia Entry
		"Identifying Clusters in the Central Puget Sound Region Economy," (with Paul Sommers) in (Blandine Laperche Ed). (2010) <i>Innovation Networks and Clusters: The Knowledge Backbone</i> . Pp. 201-224 Peter Lang, Bern.	x				
		"Regional Growth in the United States: Correlates with Measures of Human, Social, and Creative Capital," in (Peter Nijkamp, Roger Stough, and Karima Kourtit Ed.) <i>Drivers of Innovation, Entrepreneurship and Regional Dynamics</i> Pp. 307-333. Springer-Verlag: Berlin Heidelberg				x	

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Beyers (continued)		<p>“Introducing Seattle Geographies,” and “Economic Geography Of The Region Over Time,” in (Michael Brown and Richard Morrill Eds.). <u>Seattle Geographies</u>. Pp. 3-11 and pp. 19-28. Seattle: University of Washington Press.</p> <p><u>Knowledge Intensive Business Services: Geography and Innovation</u>, by D. Doloreaux, M. Freel, and R. Shearmur (Eds). (Review) <u>Economic Development Quarterly</u>, Vol 25 (3), pp. 293-294.</p>			x		Review
		<p>“The Service Industry Research Imperative,” <u>The Service Industries Journal</u>, Vol. 32, No. 3 (March), pp. 657-682.</p> <p><u>The 2007 Washington Input-Output Model</u> (with Ta-Win Lin & Marc Balwin). Washington State Office of Financial Management. http://ofm.wa.gov/economy/io/2007/default.asp</p>	x				Input Output Model
		<p>“Economic Structure, Technological Change and Location Theory: the evolution of models explaining the link between cities and flows,” (with Christopher S. Fowler). In <u>Cities, Regions and Flows</u>. Edited by Peter V. Hall and Markus Hesse. Pp. 23-41 New York: Routledge</p>			x		
		<p>“Outsourcing Tendencies in the Producer Services in the United States,” <u>The Dynamics of Outsourcing and Service Offshoring: Economic and Organizational Changes</u> (Edited by John Bryson) To be published by Edward Elgar.</p> <p>“Service Employment and Unemployment in the Great Recession: Trends in OECD Countries,” in <u>Advances in Spatial Sciences – Service Industries and Regions</u>, edited by Professor Juan Ramon Cuarado-Roura of the Universidad de Alcala, Madrid (Paper presented at the European Regional Science Meetings in 2010. To be published by Springer).</p>				x	
		<p>“The Great Recession and State Unemployment Trends,” <u>Economic Development Quarterly</u> May 2013 vol. 27 no. 2 114-123.</p> <p>Structural Change in the Washington Economy: Evidence from Eight Input-Output Models</p>	x				x
		<p>“Not beyond output-input!! Evidence on services productivity change from input-output models,” <u>Service Industries Journal</u>. Volume 33, Issue 3-4, 2013</p> <p>Special Issue: Productivity of Services NextGen – Beyond Output/Input.</p>	x				
Bitter	Chris	<p>Bitter, Christopher. Forthcoming. Valuing traditional neighborhood development: evidence from traditional neighborhoods. <u>Urban Studies</u>.</p> <p>Kraus, Andrew, and Christopher Bitter. 2012. <u>Spatial Econometrics, Land Values and Sustainability: Trends in Real Estate Valuation, Cities</u>, 29: s19-s25.</p> <p>Bitter, Christopher, and David A. Plane. 2012. Housing markets, the life course, and migration up and down the urban hierarchy. In <u>The Sage Handbook of Housing</u>, ed. D. Clapman, W.A.V. Clark, and K. Gibb. Sage Publications.</p> <p>Dall'Erba, Sandy, and Christopher Bitter. 2010. Using a spatial endogenous method to detect housing submarkets: an application to Tucson, <u>Journal of Academic Research and Studies</u>, 2(3), 1-15.</p>	o				
		<p>Bledsoe, B.P., Stein, E.D., Hawley, R.J., Booth, D. , 2012, Framework and Tool for Rapid Assessment of Stream Susceptibility to Hydromodification: <u>Journal of the American Water Resources Association</u>, 48 (4), pp. 788 -808.</p>	x				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other		
Booth (continued)		C. Segura and D.B. Booth, 2010, Effects of geomorphic setting and urbanization on wood, pools, sediment storage, and bank erosion in Puget Sound streams: Journal of the American Water Resources Association, v. 46(5), pp. 972–986.	x						
		E.A. Rosenberg, P.W. Keys, D.B. Booth, D.Hartley, J.Burkey, A.C. Steinemann, and D.P. Lettenmaier, 2010, Precipitation extremes and the impacts of climate change on stormwater infrastructure in Washington State: Climatic Change, v. 102(1–2), pp. 319–349.	x						
		Binder, L.C.W., Barcelos, J.K., Booth, D.B., Darzen, M., Elsner, M.M., Fenske, R., Graham, T.F., Hamlet, A.F., Hodges-Howell, J., Jackson, J.E., Karr, C., Keys, P.W., Littell, J.S., Mantua, N., Marlow, J., McKenzie, D., Robinson-Dorn, M., Rosenberg, E.A., Stöckle, C.O., Vano, J.A.2010. Preparing for climate change in Washington State:Climatic Change, v. 102 (1-2), pp. 351-376.	x						
		D.B. Booth, T.J. Walsh, K.G. Troost, and S.A. Shimel, 2012, Geologic map of the Issaquah quadrangle: U.S. Geological Survey Scientific Investigation Map SIM 3211, scale 1:24,000 (http://pubs.usgs.gov/sim/3211/).					Map		
Born	Branden	P.W. Downsand , D.B. Booth, 2011,Geomorphology in environmental management:in Gregory, K.J. and Goudie, A.S. (eds) The SAGE Handbook of Geomorphology, SAGE Publications, London, pp.78-104.			x				
		Born, Branden, and Alon Bassok. The Effect of the Growth Management Act on Urban Density and Housing Mismatch, <i>submitted to JAPA</i> .				x			
		Book Review, Agricultural Urbanism, Journal of Planning Education and Research.					x	book review	
		Yocom, Ken, Gundula Proksch, Branden Born, 2012. Built Environments Laboratory: Interdisciplinary Learning and Collaboration in a Studio Environment. Journal of Education in the Built Environment. 7:2 8-25.	x						
		Horst, Megan, Eva Ringstrom, Shannon Tyman, K. Michael Ward, Virginia Werner, and Branden Born. 2011. "Toward a more expansive understanding of food hubs." Journal of Agriculture, Food Systems, and Community Development 2 (1): 209-225.	x						
		Mendes, Wendy, Joe Nasr, (principal authors) with contributions from Timothy Beatley, Branden Born, Kristina Bouris, Marcia Caton Campbell, Jerome Kaufman, Barbara Lynch, Kami Pothukuchi, Gerda Wekerl. 2011. "Preparing Future Food System Planning Professionals and Scholars: Reflections on Teaching Experiences." Journal of Agriculture, Food Systems, and Community Development 2 (1):1-38.	x						
		Born, Branden, and Mark Purcell (equal authors). "Avoiding the Local Trap: Scale and Food Systems Research," D. Gimlin and D. Inglis, eds. <i>The Globalization of Food</i> . New York: Berg. 2010.					x		
		Born, Branden, and Alon Bassok. 2011. "Beyond Bodegas: Affordable Groceries through an Innovative Store Format." Journal of Urbanism,2:2 127-143.	x						
		Borning	Alan	Kari Watkins, Brian Ferris, Alan Borning, G. Scott Rutherford, and David Layton, "Where Is My Bus? Impact of Mobile Real Time Information on the Perceived and Actual Wait Time of Transit Riders," Transportation Research Part A: Policy and Practice, Vol. 45 No. 8, Oct 2011, Pages 839--848.	x				
				Deen G. Freelon, Travis Kriplean, Jonathan Morgan, W. Lance Bennett, and Alan Borning, "Facilitating Diverse Political Engagement with the Living Voters Guide," Journal of Information Technology & Politics, Vol. 9 No. 3, 2012, pages 279--297.	x				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Borning (continued)		Kari Watkins, Alan Borning, G. Scott Rutherford, Brian Ferris, and Brian Gill, "Attitudes of Bus Operators Towards Real-Time Transit Information Tools," <i>Transportation</i> 1--20, January 2013.	x				
		Brian Ferris, Kari Watkins, and Alan Borning, "OneBusAway: Location-Aware Tools for Improving Public Transit Usability," <i>IEEE Pervasive Computing</i> , Vol. 9 No. 1, Jan-March 2010, pages 13--19.	x				
		Brian Ferris, Kari Watkins, and Alan Borning, "OneBusAway: Results from Providing Real-Time Arrival Information for Public Transit," <i>CHI 2010 (Proceedings of the ACM Conference on Human Factors in Computing Systems) (CHI)</i> , April 2010, Atlanta, Georgia. (Best Paper nomination.)					presentation
		Tamara Denning, Alan Borning, Batya Friedman, Brian T. Gill, Tadayoshi Kohno, and William H. Maisel, "Patients, Pacemakers, and Implantable Defibrillators: Human Values and Security for Wireless Implantable Medical Devices," <i>CHI 2010 (Proceedings of the ACM Conference on Human Factors in Computing Systems) (CHI)</i> , April 2010, Atlanta, Georgia. Selected for Honorable Mention for the Multidisciplinary Privacy Award for the 2011 Computers, Privacy, and Data Protection Conference, Brussels, Belgium (out of 17 nominees).					presentation
		Alexei Czeskis, Ivayla Dermendjieva, Hussein Yapit, Alan Borning, Batya Friedman, Brian Gill, and Tadayoshi Kohno, "Parenting from the Pocket: Value Tensions and Technical Directions for Secure and Private Parent-Teen Mobile Safety," <i>Symposium On Usable Privacy and Security (SOUPS)</i> , Redmond, Washington, July 2010. Selected as the winner of the Multidisciplinary Privacy Award for the 2011 Computers, Privacy, and Data Protection Conference, Brussels, Belgium (out of 17 nominees).					presentation
		Shiri Azenkot, Sanjana Prasain, Alan Borning, Emily Fortuna, Richard E. Ladner, and Jacob O. Wobbrock, "Enhancing Independence and Safety for Blind and Deaf-Blind Public Transit Riders," <i>CHI 2011 (Proceedings of the ACM Conference on Human Factors in Computing Systems)</i> , pages 3247--3256, May 2011, Vancouver, B.C.					presentation
		Travis Kriplean, Jonathan Morgan, Deen Freelon, Alan Borning, and Lance Bennett, "Supporting Reflective Public Thought with ConsiderIt," <i>2012 ACM Conference on Computer Supported Cooperative Work (CSCW 2012)</i> , Bellevue, Washington.					presentation
		Alan Borning and Michael Muller, "Next Steps for Value Sensitive Design," <i>CHI 2012 (Proceedings of the ACM Conference on Human Factors in Computing Systems)</i> , May 2012, Austin, Texas. (Best Paper nomination.)					presentation
		Travis Kriplean, Michael Toomim, Jonathan Morgan, Alan Borning, and Andy Ko, "Is This What You Meant? Promoting Listening on the Web with Reflect," <i>CHI 2012 (Proceedings of the ACM Conference on Human Factors in Computing Systems)</i> , May 2012, Austin, Texas.					presentation
Bostrom	Ann	Bostrom, A. and Löfstedt, R. <i>Nanotechnology Risk Communication</i> , Chapter 9 (pp 215-230) in Shatkin J, <i>Nanotechnology: Health and Environmental Risks</i> , 2nd edition. CRC Press, Taylor & Francis Group, New York, 2012.			x		
		Bostrom A, Böhm G, O'Connor RE, "Targeting and tailoring climate change communications." <i>WIREs Climate Change</i> 2013. doi: 10.1002/wcc.234.	x				
Bostrom		Scharks, Tim, Ann Bostrom, Lori Reimann-Garretson, and Glenn Risk, "Risk Decision Making and Seismic Risk Preparedness at North American Seaports: Analysis of a System-wide Survey." <i>Earthquake Spectra</i> (Accepted, final submission January 2013).				x	

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Bostrom (continued)		Rosentrater, Lynn, Ingrid Sælensminde, Frida Ekström, Gisela Böhm, Ann Bostrom, Daniel Hanss and Robert E. O'Connor, 'Efficacy Trade-Offs in Individuals' Support for Climate Change Policies' <i>Environment & Behavior</i> , published online 17 July 2012.	x				
		Wood, Matthew D., Ann Bostrom, Matteo Convertino, Daniel Kovacs and Igor Linkov A Moment of Mental Model Clarity: Response to Jones et al. 2011. <i>Ecology and Society</i> 17(4): 7, 2012. http://dx.doi.org/10.5751/ES-05122-170407	x				
		Wood M, Kovacs D, Linkov, I, Bostrom A, Bridges T. Flood Risk Management: US Army Corps of Engineers and Layperson Perceptions. <i>Risk Analysis</i> , Volume 32, Issue 8, pages 1349–1368, August 2012.	x				
		Wood M, Bostrom A, Bridges T, Linkov I. Cognitive Mapping Tools: Review and Risk Management Needs. <i>Risk Analysis</i> Volume 32, Issue 8, pages 1333–1348, August 2012.	x				
		Eiser, J. Richard, Ann Bostrom, Ian Burton, David M. Johnston, John McClure, Douglas Paton, Joop van der Pligt, Mathew P. White. Risk interpretation and action: A conceptual framework for responses to natural hazards. <i>International Journal of Disaster Risk Reduction</i> , Review Article. Volume 1, October 2012, Pages 5–16. http://dx.doi.org/10.1016/j.ijdr.2012.05.002	x				
		Chan, Kai MA, Anne D. Guerry, Patricia Balvanera, Sarah Klain, Terre Satterfield, Xavier Basurto, Ann Bostrom, Ratana Chuenpagdee, Rachelle Gould, Benjamin S. Halpern, Neil Hannahs, Jordan Levine, Bryan Norton, Mary Ruckelshaus, Roly Russell, Jordan Tam and Ulalia Woodside. Where are Cultural and Social in Ecosystem Services? A Framework for Constructive Engagement. <i>BioScience</i> , Vol. 62, No. 8, pp. 744-756, 2012.	x				
		Keller C, Bostrom A, Kuttschreuter M, Savadori L, Spence A, White M. Bringing Appraisal Theory to Environmental Risk Perception: A Review of Conceptual Approaches of the Past 40 Years and Suggestions for Future Research. <i>Journal of Risk Research</i> , 15(3), 237-256, 2012.	x				
		Bostrom, A., O'Connor, R. E., Böhm, G., Hanss, D., Bodi, O., Ekström, F., Halder, P., Jeschke, S., Mack, B., Qu, M., Rosentrater, L., Sandve, A., & Sælensminde, I. (2012). Causal thinking and support for climate change policies: International survey findings. <i>Global Environmental Change: Human and Policy Dimensions</i> , 22, 210-222, 2012.	x				
		Gregory R., Harstone M., Rix G. and Bostrom A. Seismic Risk Mitigation Decisions at Ports: Multiple Challenges, Multiple Perspectives. <i>Natural Hazards Review</i> , 13(1), 88-95, 2012.	x				
		Turaga R.M.R., Noonan D. and Bostrom A. Hot spots regulation and environmental justice. <i>Ecological Economics</i> , 70, 1395–1405, 2011.	x				
		Park, J., Bostrom, A., Goodno, B.J. and Craig, J.I. Application of Probabilistic Decision Models for Seismic Rehabilitation of Structures. <i>International Journal of Information Technology & Decision Making</i> Vol. 10, No. 2 (2011) 309–331.	x				
		Bostrom, A. and Lofstedt, R.E. Nanotechnology Risk Communication Past and Prologue. <i>Risk Analysis</i> , 30(11), 1645–1662, 2010.	x				
		Reynolds T.W., Bostrom, A., Read, D. and Morgan, M.G. "Now What Do People Know About Global Climate Change? Survey Studies of Educated Laypeople." <i>Risk Analysis</i> , 30(10), 1520-1538, 2010.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Bostrom (continued)		National Research Council, Committee on the Review of the Tsunami Warning and Forecast System and Overview of the Nation's Tsunami Preparedness, Ocean Studies Board, Earth and Life Studies. Tsunami Warning and Preparedness: An Assessment of the U.S. Tsunami Program and the Nation's Preparedness Efforts. National Academies Press, Washington, D.C., 2010. Committee members: John A. Orcutt (Chair), Martha R. Grabowski (co-Chair), Brian Atwater, Ann Bostrom, George Crawford, Richard K. Eisner, Jian Lin, Hugh B. Milburn, Dennis S. Miletti, Costas E. Synolakis, Nathan J. Wood, Harry Yeh, Claudia Mengelt (staff).					report
		National Research Council and Institute of Medicine, Committee on the Review of the Food and Drug Administration's Role in Ensuring Safe Food, Food and Nutrition Board, Board on Agriculture and Natural Resources. Robert B. Wallace and Maria Oria (Eds). Enhancing Food Safety: The Role of the Food and Drug Administration. National Academies Press, Washington, D.C., 2010. Committee members: Robert B. Wallace (Chair), Douglas L. Archer, Keith C. Behnke, Ann Bostrom, Robert E. Brackett, Julie A. Caswell, Lewis Grossman, Lee-Ann Jaykus, Tim F. Jones, Barbara Kowalczyk, J. Glenn Morris Jr., Martha E. Rhodes Roberts, Joseph V. Rodricks.					report
Bradley	Gordon	Kearney, A.R., Tilt, J.H., Bradley, G.A. 2010. The effects of forest regeneration on preferences for forest treatments among foresters, environmentalists, and the general public. Journal of Forestry. Volume 108, No. 5, Pages 215-229	x				
		Kearney, A.R., Bradley, G. 2011. The effects of viewer attributes on preference for forest scenes: Contributions of attitudes, knowledge, demographic factors, and stakeholder group membership. Environment and Behavior. (43): Pages 147-181	x				
Campbell	Christopher	Evans-Campbell, T. and Campbell, C. (Summer 2013). A review of indigenous child welfare policy and practice. In International Perspectives in Child Welfare (J. Conte., Ed.).				x	
		Evans-Campbell, T., Walters, K., Pearson, C., & Campbell, C. (2012). Indian boarding school experience, substance use, and mental health among urban two-spirit American Indian/Alaska Natives, 38(5): 421-427.	x				
		Campbell, C. & Evans-Campbell, T. (2011). Historical trauma and Native child development. In American Indian and Alaska Native Children's Mental Health: Development and Context. P. Farrell, P. Spicer, H. Fitzgerald, & M. Sarche (Eds.). Praegar.			x		
		Evans-Campbell, T. & Campbell, C. (2011). Reclaiming our children: Indigenous resistance movements and Indian child welfare. In Regulation and Resistance among People of Color. J. Schiele (Ed.): Thousand Oaks, CA: Sage.		x			
Chan	Kam Wing	Chan, Kam Wing, 2012. "Crossing the 50 Percent Population Rubicon: Can China Urbanize to Prosperity?" Eurasian Geography and Economics, Vo1.53, No.1, pp.63-86.	x				
		Chan, Kam Wing, 2012. "Internal Labor Migration in China: Trends, Geography and Policies" in United Nations Population Division, Population Distribution, Urbanization, Internal Migration and Development: An International Perspective, New York: United Nations, pp.81-102.			x		
		Chan, Kam Wing and Alana Boland, 2012. "Cities of East Asia," in Stanley Brunn, Maureen Hays-Mitchell, Donald Zeigler (eds.), Cities of the World: World Regional Urban Development, 5th ed, Lanham: Rowman & Littlefield, pp.470-521.			x		

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Chan (continued)		陈金永, 2011. “中国户籍制度和农民工,” 《神州交流》, 第 8 卷, 第 一 期, 第32-41页。	x				
		Chan, Kam Wing, 2010. “The Global Financial Crisis and Migrant Workers in China: There is No Future as a Labourer; Returning to the Village has No Meaning,” International Journal of Urban and Regional Research, 34(3), pp.659-77.	x				
		陈金永, 2010. “中国人口发展、农民工流动趋势与刘易斯转折点,” 《中国劳动经济》第6卷第一期, 第1至24页。	x				
		陈金永, 2010. “当前中国的城镇人口统计问题及其对经济分析的影响,” 蔡昉主编《中国人口与劳动问题报告No.11—后金融危机时期的劳动力市场挑战》(北京: 社会科学文献出版社) 页236-247	x				
		Chan, Kam Wing, 2010. “A China Paradox: Migrant Labor Shortage amidst Rural Labor Supply Abundance,” Eurasian Geography and Economics, 51(4), pp.513-530.	x				
		Chan, Kam Wing, 2010. “The Chinese Household Registration System and Migrant Labor in China: Notes on a Debate,” Population and Development Review, 36(2), pp.357-364.	x				
		Chan, Kam Wing, 2010. “Fundamentals of China’s Urbanization and Policy,” The China Review, Vol. 10, No.1, pp.63-94.	x				
		Chan, Kam Wing, 2010. “The Problem with China’s Urban Population Data,” East Asia Center Newsletter, Winter, pp.2-3.	x				
Chen	Cynthia	Wang*, T.; Chen, C. Impact of fuel price on vehicle miles traveled (VMT): does the poor respond in the same way as the rich? Transportation (forthcoming).	o				
		Ottosson*, D.; Chen, C.; Wang*, T.; Lin*, H. (2013) The sensitivity of on-street parking demand in response to price changes: a case study in Seattle, WA. Transport Policy 25, 222-232.	x				
		Ewing, R.; L. Chen*; C. Chen. Quasi-experimental study of Traffic Calming Measures in New York City. Transportation Research Record (accepted).	o				
		Chen, C.; Neal, D. and Zhou, M. Understanding the Evolution of a Disaster—A Framework for Assessing Crisis in a System Environment (FACSE). Natural hazards 65(1), 407-422.	x				
		Wang*, T. and Chen, C. (2012) Attitudes, mode switching behavior, and the built environment: a longitudinal study in the Puget Sound region. Transportation Research Part A 46, 1594-1607.	x				
		Chen*, L.; Chen, C.; Ewing, R.; McKnight, C.; Srinivasan, R.; Roe, M. Safety countermeasures and crash reductions in New York City—Experience and Lessons learned. Accident, Analysis, and Prevention 50, 312-322. http://dx.doi.org/10.1016/j.aap.2012.05.009 .	x				
		Chen, C. and Lin*, H. (2012) How far do people search for housing? Analyzing the roles of housing supply, intra-household dynamics, and the use of information channels. Housing Studies 27(7), 898-914. DOI:10.1080/02673037.2012.725827	x				
		Chen, C.; Lin*, H.; and Loo, B. (2012) Exploring the impact of safety culture of immigrants on pedestrian and bicycle crashes. Journal of Urban Health 89 (1), 138-152, DOI: 10.1007/s11524-011-9629-7.	x				
		Chen*, L.; Chen, C.; Raghavan, S.; McKnight, C.; Ewing, R.; Roe, M. (2012) Evaluating the safety impacts of bike lanes in New York City. American Journal of Public Health 102(6), 1120-1127.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Chen (continued)		Gong, H.; Chen, C.; Bialostozky*, E. and Lawson, C. (2012) A GPS/GIS Method for Travel Mode Detection in New York City. <i>Computers, Environment, and Urban Systems</i> 36(2), 131-139.	x				
		Chen, C. and Lin*, H. (2011) Decomposing Residential Self-selection via a Life Course Perspective. <i>Environment and Planning A</i> 43(11), 2608-2625.	x				
		Chen, C. and Varley*, D. (2011) What affects Transit Ridership? A Dynamic Analysis Involving Multiple Factors, Lags, and Asymmetric Behavior. <i>Urban Studies</i> , 48(9), 1893 – 1908, DOI 10.1177/0042098010379280	x				
		Chen, C.; Gong, H.; Lawson, C., and Bialostozky*, E. (2010) Evaluating the Feasibility of a Passive Travel Survey Collection in a Complex Urban Environment: Lessons Learned from the New York City Case Study. <i>Transportation Research Part A</i> 44(10), 830-840.	x				
		Loo, B.; Chen, C., and Chan*, E. (2010) Rail-based Transit-oriented Development: Lessons from New York City and Hong Kong. <i>Landscape and Urban Planning</i> 97(3), 202-212.	x				
Cullen	Alison	Bradley, A.E., Cullen, A.C., and Faustman, E.M., "Impact and Policy Implications of Genetic Information in the Regulatory Framework: The Case of Organophosphate Pesticides," under revision <i>Regulatory Toxicology and Pharmacology</i> .				x	
		Gockel, R., and Cullen, A.C., "Willing, but Unable: Determinants of Participation Rates for Training Workshops in Central Vietnam".				x	
		Anderson, C.L., Stahley, K., and Cullen, A.C., "Individual and Intra-Household Positionality in Vietnam".				x	
		Port, J., Cullen, A.C., Faustman, E., "Incorporating high-throughput metagenomics into oceans and human health decision-making frameworks: Consideration for antibiotic resistance surveillance".				x	
		Wu, C-F., Liu, L-J., Cullen, A., Westberg, H., Williamson, J., 2011, "Spatial-Temporal and Cancer Risk Assessment of Selected Hazardous Air Pollutants in Seattle," <i>Environment International</i> , 37, pp. 11-17.	x				
		Cullen, A.C., 2010, "Monte Carlo Simulation for Quantitative Health Risk Analysis" in James J. Cochran (ed) <i>Wiley Encyclopedia of Operations Research and Management Science</i> . pp. 1-9, John Wiley & Sons, Inc.			x		
		Fletschner, D., Anderson, C.L., and Cullen, A., 2010, "Are Women as Likely to Take Risks and Compete? Behavioral Findings from Central Vietnam," <i>Journal of Development Studies</i> , 46(8). pp. 1459-1479.	x				
DeLisle	Jim	DeDeLisle, James, and Terry Grissom. "Valuation procedure and cycles: an emphasis on down markets." <i>Journal of Property Investment & Finance</i> 29.4/5 (2011): 384-427.	x				
		Grissom, Terry, Lim, Lay Cheng and DeLisle, James (2012) Systematic Risk Pricing and Investment Performance of UK and US Property Markets. <i>Journal of European Real Estate Research</i> , 5 (1). pp. 66-87.	x				
		DeLisle, James R. "The Fall of Our Discontent." <i>The Appraisal Journal</i> (2011): 279.	x				
		DeLisle, James R. "The Future Is Not Now (or At Least We Hope Not)." <i>The Appraisal Journal</i> (2011): 187.	x				
		DeLisle, James, Terry Grissom, and Lovisa Högberg. "Sustainable real estate: An empirical study of the behavioural response of developers and investors to the LEED rating system." <i>Journal of Property Investment & Finance</i> 31.1 (2013): 10-40.	x				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Drewnowski	Adam	Maillot M, Darmon N, Drewnowski A. Are the lowest cost healthful food plans socially acceptable? <i>Public Health Nutrition</i> 2010;13(5):688-94.	x				
		Monsivais P, McClain J, Drewnowski A. The rising disparity in the price of healthful foods. <i>Food Policy</i> 2010;35(6):514-520.	x				
		Drewnowski A. The cost of US foods as related to their nutritive value. <i>Am J Clin Nutr</i> 2010;92:1181-8.	x				
		Monsivais P, Aggarwal A, Drewnowski A. Are socioeconomic disparities in diet quality explained by diet cost? <i>J Epi Comm Health</i> 2010 (epub ahead of print).	x				
		Moudon AV, Cook AJ, Ulmer J, Hurvitz PM, Drewnowski A. A neighborhood wealth metric for use in health studies. <i>Am J Prev Med</i> 2011;41(1):88-97.	x				
		Rehm CD, Monsivais P, Drewnowski A. The quality and monetary value of diets consumed by adults in the United States. <i>Am J Clin Nutr</i> 2011;94(5):1333-9.	x				
		Monsivais P, Aggarwal A, Drewnowski A. Following federal guidelines to increase nutrient consumption may lead to higher food costs for consumers. <i>Health Affairs (Millwood)</i> 2011;30(8):1471-7.	x				
		Aggarwal A, Monsivais P, Cook AJ, Drewnowski A. Does diet cost mediate the relation between socioeconomic position and diet quality. <i>Eur J Clin Nutr</i> 2011;65(9):1059-66.	x				
		Rehm CD, Moudon AV, Hurvitz PM, Drewnowski A. Residential property values are associated with obesity among women in King County, WA. <i>Soc Sci Med</i> 2012;75(3):491-5. Epub 2012 Apr 26.	x				
		Aggarwal A, Monsivais P, Drewnowski A. Nutrient intakes linked to better health outcomes are associated with higher diet costs in the US. <i>PLoS One</i> 2012;7(5):e37533.	x				
		Drewnowski A, Vernez Moudon A, Hurvitz P, Aggarwal A. Obesity and supermarket access: Proximity or price? <i>Am J Public Health</i> 2012;102(8):e74-80, Epub 2012 Jun 14.	x				
		Bellisle F, Drewnowski A, Anderson H, Westerterp-Plantenga M, Martin CK. Sweetness, satiation and satiety. <i>J Nutrition</i> 2012;142:1149S-1154S.	x				
		Jiao J, Vernez Moudon A, Hurvitz P, Drewnowski A. How to identify food deserts: Measuring physical and economic access to supermarkets in King County, WA. <i>Am J Public Health</i> 2012 102(10)e32-9. Epub 2012 Aug 16.	x				
		Drewnowski A, Mennella JA, Johnson SL, Bellisle F. Sweetness and food preference. <i>J Nutrition</i> 2012; 142:1142S-1148S.	x				
		Drewnowski A, Maillot M, Rehm CD. Reducing the sodium-potassium ratio in the US diet: a challenge for public health. <i>Am J Clin Nutr</i> 2012;96(2):439-44. Epub 2012 Jul 3.	x				
		Carter BE, Drewnowski A,. Beverages containing soluble fiber, caffeine, and green tea catechins suppress hunger and lead to less energy consumption at the next meal. <i>Appetite</i> 2012; 59:755-761.	x				
		Maillot M, Monsivais P, Drewnowski A. Food pattern modeling shows that the 2010 Dietary Guidelines for sodium and potassium cannot be met simultaneously. <i>Nutrition Research</i> 2013. Epub.	x				
		Drewnowski A, Moudon AV, Aggarwal A, Charreire H, Chaix B. Food shopping behaviors and socioeconomic status predict obesity rates in Seattle and in Paris. <i>Int J Obesity (in press)</i> .	o				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Duncan	Glen	Baker LD, Frank LL, Foster-Schubert K, Green PS, Wilkinson CW, McTiernan A, Plymate SR, Fishel MA, Watson GS, Cholerton BA, Duncan GE, Mehta PD, Craft S. Effects of aerobic exercise on mild cognitive impairment. A controlled trial. Arch Neurol 2010; 67:71-79. PMID: PMC3056436	x				
		Baker LD, Frank LL, Foster-Schubert K, Green PS, Wilkinson CW, McTiernan A, Cholerton BA, Plymate SR, Fishel MA, Watson GS, Duncan GE, Mehta PD, Craft S. Aerobic exercise improves cognition for older adults with glucose intolerance, a risk factor for Alzheimer's disease. J Alzheimers Disease 2010; 22:569-579. PMID: PMC3049111	x				
		Beresford SAA, Bishop SK, Brunner NL, Duncan GE, McGregor BA, McLerran DF, West BS, Thompson B. Environmental assessment at worksites after a multilevel intervention to promote activity and changes in eating: The PACE Project. J Occup Environ Med 2010; 52(1S):S22-S28. PMID: PMC3261837	x				
		Hughes DC, Andrew A, Denning T, Hurvitz P, Lester J, Beresford S, Borriello G, Bruemmer B, Vernez Moudon A, Duncan GE. BALANCE (Bioengineering Approaches to Lifestyle Activity and Nutrition Continuous Engagement): Developing new technology for monitoring energy balance in real-time. J Diabetes Sci Technol 2010; 4:429-434. PMID: PMC2864179	x				
		Duncan GE. The "fit but fat" concept revisited: population-based estimates using NHANES. Int J Behav Nutr Phys Act 2010; 7:47. PMID: PMC2885314	x				
		Supplee JD, Duncan GE, Bruemmer B, Goldberg J, Wen Y, Henderson JA. Soda intake and osteoporosis risk in post-menopausal American Indian women. Public Health Nutr 2011; 14:1900-1906.	x				
		Duncan GE, Lester J, Migotsky S, Goh J, Higgins L, Borriello G. Accuracy of a novel multi-sensor board for measuring physical activity and energy expenditure. Eur J Appl Physiol 2011; 111:2025-2032. PMID: PMC3124601	x				
		Anton SD, Duncan GE, Limacher MC, Martin AD, Perri MG. How much walking is needed to improve cardiorespiratory fitness? An examination of the 2008 Physical Activity Guidelines for Americans. Res Q Exerc Sport 2011; 82:365-370.	x				
		O'Connell M, Buchwald DS, Duncan GE. Food access and cost in American Indian communities in Washington State. J Am Diet Assoc 2011; 111:1375-1379. PMID: PMC3164540	x				
		Intille SS, Lester J, Sallis JF, Duncan G. New horizons in sensor development. Med Sci Sports Exerc 2012; 44(No. 1S):S24-S31. PMID: PMC3245518	x				
		Morse GS, Duncan G, Noonan C, Garrouette E, Santiago-Rivera A, Carpenter DO, Tarbell A. Environmental toxins and depression in an American Indian Community. J Indigenous Research 2012; 1:6.	x				
		Muus KJ, Baker-Demaray TB, Bogart TA, Duncan GE, Jacobsen C, Buchwald DS, Henderson JA. Physical activity and cervical cancer testing among American Indian women. J Rural Health 2012; 28:320-326.	x				
		Duncan GE, Dansie EJ, Strachan E, Munsell M, Huang R, Vernez Moudon A, Goldberg J, Buchwald D. Genetic and environmental influences on residential location in the U.S. Health & Place 2012; 18:515-519. PMID: PMC3319489	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Duncan (continued)		Fretts AM, Howard BV, McKnight B, Duncan GE, Beresford SA, Mete M, Eilat-Adar S, Zhang Y, Siscovick DS. Associations of processed meat and unprocessed red meat intake with incident diabetes: the Strong Heart Family Study. <i>Am J Clin Nutr</i> 2012; 95:752-758. PMID: PMC3278249	x				
		Fretts AM, Howard BV, McKnight B, Duncan GE, Beresford SAA, Calhoun D, Kriska AM, Storti KL, Siscovick DS. Modest levels of physical activity are associated with a lower incidence of diabetes in a population with a high rate of obesity: the Strong Heart Family Study. <i>Diabetes Care</i> 2012; 35:1743-1745. PMID: PMC3402272	x				
		Strachan E, Hunt C, Afari N, Duncan G, Noonan C, Schur E, Watson N, Goldberg J, Buchwald D. University of Washington Twin Registry: Poised for the next generation of twin research. <i>Twin Res Hum Genet</i> 2013; 16:455-462. PMC Journal.	x				
		Robinson-Cohen C, Littman AJ, Duncan GE, Roshanravan B, Ikizler TA, Himmelfarb J, Kestenbaum BR. Assessment of physical activity in chronic kidney disease. <i>J Renal Nutr</i> 2013; 23:123-131. PMID: PMC3496802	x				
		Duncan GE, Lester J, Migotsky S, Higgins L, Borriello G. Measuring slope to improve energy expenditure estimates during field-based activities. <i>Appl Physiol Nutr Metab</i> , 2013; 38:352-356. PMC Journal	x				
		Cash SW, Duncan GE, Beresford SA, McTiernan A, Patrick DL. Increases in physical activity may affect quality of life differently in men and women. <i>Qual Life Res</i> , In press.	o				
		Moudon AV, Drewnowski A, Duncan GE, Hurvitz PM, Saelens BE, Scharnhorst E. Characterizing the food environment: Pitfalls and future directions. <i>Public Health Nutr</i> , In press.	o				
Ellis	Mark	Wright, Richard, Mark Ellis, and Steven Holloway (2013) Neighborhood racial diversity and white residential segregation in the United States. Forthcoming in <i>Social-Spatial Segregation: Concepts, Processes and Outcomes</i> Edited by Christopher D Lloyd, Ian Shuttleworth and David Wong. Policy Press				o	
		Ellis, Mark, Richard Wright, and Matthew Townley (2013) <i>New Destinations and Immigrant Poverty</i> , Forthcoming in <i>Immigration, Poverty, and Socioeconomic Inequality</i> , David Card and Steven Raphael (eds). Russell Sage Foundation.				o	
		Wright, Richard, Mark Ellis, and Steven Holloway (2013) <i>Patterns of Racial Diversity and Segregation in the United States: 1990-2010</i> . <i>Professional Geographer</i> . DOI: 10.1080/00330124.2012.735924	x				
		Holloway, Steven, Richard Wright and Mark Ellis (2012) <i>Constructing Multiraciality in U.S. Families and Neighborhoods</i> . In <i>International Perspectives on Racial and Ethnic Mixedness and Mixing</i> , Suki Ali, Chamion Caballero, Rosalind Edwards and Miri Song (eds.) London: Routledge			x		
		Wright, Richard, Steven Holloway, and Mark Ellis (2013) <i>Gender and the neighborhood location of mixed-race couples</i> . <i>Demography</i> 50: 393-420.	x				
		Chipman, Jonathan., Richard Wright, Mark Ellis, and Steven Holloway. (2012) <i>Mapping the evolution of racially mixed and segregated neighborhoods in Chicago</i> . <i>Journal of Maps</i> 8: 340-343.	x				
		Ellis, Mark (2012). <i>Reinventing US Internal Migration Studies in the Age of International Migration</i> . <i>Population, Space and Place</i> 18: 196-208.	x				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Ellis (continued)		Ellis, Mark, Steven Holloway and Richard Wright (2011). Agents of Change: Mixed Race Households and the Dynamics of Neighborhood Segregation in the United States. <i>Annals of the Association of American Geographers</i> DOI: 10.1080/00045608.2011.627057	x				
		Ruiz, Tricia and Mark Ellis (2011) Turning Back the Clock: The Resegregation of Seattle Public Schools. In <i>Seattle Geographies</i> . M. Brown and R Morrill (eds). Seattle: University of Washington Press.			x		
		Wright, Richard, Steven Holloway, and Mark Ellis (2011). Reconsidering Both Diversity And Segregation: A Reply to Both Poulsen, Johnston, and Forrest; And Peach. <i>Journal of Ethnic and Migration Studies</i> 37: 167-176	x				
		Holloway, Steven, Richard Wright, Mark Ellis (2011). The Racially Fragmented City? Neighborhood Racial Segregation and Diversity Jointly Considered. <i>Professional Geographer</i> 64: 63-82.	x				
		Wright, Richard, Mark Ellis, and Steven Holloway (2011). Where Black-White Mixed Couples Live. <i>Urban Geography</i> . 32: 1-22	x				
		Wright, Richard, Mark Ellis, and Virginia Parks. (2010). Immigrant Niches and the Intrametropolitan Spatial Division of Labour. <i>Journal of Ethnic and Migration Studies</i> 36: 1033-1059.	x				
Elwood	Sarah	2012. Sui, D., Elwood, S., Goodchild, M., Eds. <i>Crowdsourcing Geographic Knowledge: Volunteered Geographic Information (VGI) in Theory and Practice</i> . Springer.		x			
		In press. Elwood, S. and Lawson, V. Elwood S, Lawson V, 2013, "Whose crisis? Spatial imaginaries of class, poverty, and vulnerability" <i>Environment and Planning A</i> 45(1) 103 – 108	x				
		2012. Elwood, S. and Leszczynski, A. New spatial media, new knowledge politics. <i>Transactions of the Institute of British Geographers</i> .doi: 10.1111/j.1475-5661.2012.00543.x	x				
		2012. Elwood, S., Goodchild, M., and Sui, D. Researching volunteered geographic information (VGI): Spatial data, geographic research, and new social practice. <i>Annals of the Association of American Geographers</i> .102(3): 571-590.	x				
		2012. Mitchell, K. and Elwood, S. From Redlining to Benevolent Societies: The Political Power of Spatial Thinking. <i>Theory and Research in Social Education</i> 40(2): 134-163.	x				
		2012. Mitchell, K. and Elwood, S. Mapping Politics:Children, Representation, and the Power of Articulation. <i>Environment and Planning D: Society and Space</i> 30(5).	x				
		2012. Elwood, S. and Mitchell, K. Mapping children's politics: Spatial stories, dialogic relations and political formation. <i>Geografiska Annaler, Series B94(1)</i> : 1-15.	x				
		2012. Mitchell, K. and Elwood, S. Creating Engaged Students and Civic Actors through Mapping Local History. <i>Journal of Geography</i> 111(4): 148-157.	x				
		2011. Elwood, S. Geographic Information Science: Visualization, visual methods, and the geoweb. <i>Progress in Human Geography</i> 35(3): 401-408.	x				
		2011. Elwood, S. and Leszczynski, A. Privacy reconsidered: New representations, data practices, and the geoweb. <i>Geoforum</i> 42(1): 6-15.	x				
		2010. Elwood, S. Geographic Information Science: Emerging Research on the Societal Implications of the GeoWeb. <i>Progress in Human Geography</i> 34(3): 349-357.	x				
		2010. Jung, J. and Elwood, S. Extending the qualitative capabilities of GIS: Computer-Aided Qualitative GIS. <i>Transactions in GIS</i> 14(1): 63-87.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Elwood (continued)		2010. Elwood, S. Thinking outside the box: Engaging critical GIS theory, practice and politics in human geography. <i>Geography Compass</i> 4(1): 45-60.	x				
		2012. Sui, D., Goodchild, M., and Elwood, S. VGI, the exaflood, and the growing digital divide. In Sui, D., Elwood, S., Goodchild, M. (Eds.). <i>Crowdsourcing Geographic Knowledge: Volunteered Geographic Information (VGI) in Theory and Practice</i> . Springer.			x		
		2012. Elwood, S., Goodchild, M., and Sui, D. The prospects VGI research and the emerging fourth paradigm. In Sui, D., Elwood, S., Goodchild, M. (Eds.). <i>Crowdsourcing Geographic Knowledge: Volunteered Geographic Information (VGI) in Theory and Practice</i> . Springer. 7			x		
		2011. Elwood, S. Participatory approaches in GIS and Society research: Foundations, practices, and future directions. In <i>The Handbook of GIS and Society Research</i> , Eds. T. Nyerges, H. Couclelis, R. McMaster. London: Sage Publications, pp. 381-399.			x		
		2011. Elwood, S., Schuurman, N., and Wilson, M. Critical GIS. In <i>The Handbook of GIS and Society Research</i> , Eds. T. Nyerges, H. Couclelis, R. McMaster. London: Sage Publications, 87-106.			x		
		2011. Elwood, S. Nonprofit organizations and the urban social geographies of Seattle. In <i>Seattle: Geographies of Here and Beyond</i> , Eds. M. Brown and R. Morrill. Seattle & London: University of Washington Press, pp. 108-114.			x		
		2011. Elwood, S. and Ghose, Reflection essay: PPGIS in community development planning. In <i>Classics in Cartography</i> , Eds. J. Crampton and M. Dodge. John Wiley & Sons, pp. 108-118.			x		
		(Commentary on re-printing of: Elwood, S. and Ghose, R. 2001, PPGIS in community development planning: Framing the organizational context. <i>Cartographica</i> 38(3/4): 19-33.)					Commentary/ Reprint
		2012. Elwood, S. Review of Information and communication technology geographies: strategies for bridging the digital divide. M. Gilbert & M. Masucci. 2011. <i>Environment and Planning A</i> 44(2): 507-508.	x				
Faustman	Elaine	Grant K.S., Burbacher T.M. and Faustman EM . Domoic Acid: Neurobehavioral Consequences of Exposure to a Prevalent Marine Biotxin. <i>Neurotoxicology and Teratology</i> 2010: 32(2): 132-141.	x				
		Robinson J.F. , Guerrette Z. , Yu X.Z., Hong S. and Faustman EM . A Systems-Based Approach to Investigate Dose and Time Dependent Methylmercury-induced Gene Expression Response in C57BL/6 Mouse Embryos undergoing Neurulation. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> : 2010: 89(3):188-200.	x				
		Robinson J.F., Yu X., Hong S., Zhou C. , Kim N. , Demasi D. and Faustman EM . Embryonic toxicokinetic and dynamic differences underlying strain sensitivity to cadmium during neurulation. <i>Reprod Toxicol</i> . 2010: 29(3): 279-85.	x				
		Yu X., Robinson J.F. , Sidhu J.S., Hong S. and Faustman EM . A system-based comparison of gene expression reveals alterations in oxidative stress, disruption of ubiquitin-proteasome system and altered cell cycle regulation after exposure to cadmium and methylmercury in Mouse Embryonic Fibroblast (MEF). <i>Toxicol Sci</i> . 2010: 114(2):356-77.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Faustman (continued)		Moreira EG, Yu X, Robinson JF, Griffith WC, Hong S, Beyer R, Bammler TK, and Faustman EM , Toxicogenomic profiling in maternal and fetal rodent brains following gestational exposure to chlorpyrifos. <i>Toxicology and Applied Pharmacology</i> , 2010: 245(3):310-25.	x				
		Costa LG, Giordano G and Faustman EM . Domoic acid as a developmental neurotoxin. <i>Neurotoxicology</i> 2010: 31(5): 409-23.	x				
		Coronado, GD, Griffith, WC, Vigoren, EM, Faustman, EM and Thompson, B Where's the dust? Characterizing locations of azinphos-methyl residues in house and vehicle dust among farmworkers with young children. <i>J Occup Environ Hyg</i> 2010: 7(12): 663-671.	x				
		Robinson JF, Griffith WC, Yu X, Hong S, Kim E, and Faustman EM , Methylmercury induced toxicogenomic response in C57 and SWV mouse embryos undergoing neural tube closure. <i>Reproductive Toxicology</i> , 2010: 30(2): 284-91.	x				
		Robinson JF, Port JA, Yu X, and Faustman EM , Integrating Genetic and Toxicogenomic Information For Determining Underlying Susceptibility to Developmental Disorders. <i>Birth Defects Research Part A-Clinical and Molecular Teratology</i> , 2010: 88(10): 920-930.	x				
		Robinson JF, Yu X, Moreira EG, Hong S, and Faustman EM , Arsenic- and cadmium-induced toxicogenomic response in mouse embryos undergoing neurulation. <i>Toxicol Appl Pharm.</i> 2011: 250(2): 117-129.	x				
		Yu X, Sidhu JS, Hong S, Robinson JF, Ponce RA, and Faustman EM , Cadmium Induced p53-Dependent Activation of Stress Signaling, Accumulation of Ubiquitinated Proteins, and Apoptosis in Mouse Embryonic Fibroblast Cells. <i>Toxicol Sci</i> , 2011. 120(2): p. 403-12.	x				
		1. Wexler P, Gilbert SG, Thorp N, Faustman EM, Breskin DD. The World Library of Toxicology, Chemical Safety, and Environmental Health (WLT). <i>Hum Exp Toxicol.</i> 2011: In Press Nov 11 2010; DOI: 10.1177/0960327110389500.	x				
		Robinson JF, Theunissen PT, van Dartel DA, Pennings JL, Faustman EM , and Piersma AH, Comparison of MeHg-induced toxicogenomic responses across in vivo and in vitro models used in developmental toxicology. <i>Reproductive Toxicology</i> , 2011. 32(2): p. 180-8.	x				
		Yu X, Sidhu J, Hong S, Robinson JF, Faustman EM . Cadmium induced activation of stress signaling, accumulation of ubiquitinated proteins and apoptosis in mouse embryonic fibroblast cells. <i>Toxicological Sciences.</i> 2011: 120(2): p. 403-12.	x				
		Giordano G, Hong S, Faustman EM , and Costa LG, Measurements of Cell Death in Neuronal and Glial Cells. <i>Methods Mol Biol</i> , 2011. 758: p. 171-178.	x				
		Hartung T, Blaauboer BJ, Bosgra S, Carney E, Coenen J, Conolly RB, Corsini E, Green S, Faustman EM , Gaspari A, Hayashi M, Wallace Hayes A, Hengstler JG, Knudsen LE, Knudsen TB, McKim JM, Pfaller W, Roggen EL. An expert consortium review of the EC-commissioned report "Alternative (Non-Animal) Methods for Cosmetics Testing: Current Status and Future Prospects - 2010". <i>ALTEX</i> 28: 183-209, 2011.					expert review
		Griffith, W, Curl, CL, Fenske, RA, Lu, CA, Vigoren, EM and Faustman, EM . 2011. Organophosphate pesticide metabolite levels in pre-school children in an agricultural community: within- and between-child variability in a longitudinal study. <i>Environmental Research.</i> 111(6): 751-6	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other		
Faustman (continued)		Coronado, GD, Holte, S, Vigoren, EM, Griffith, WC, Faustman, EM and Thompson, B. 2011. Organophosphate Pesticide Exposure and Residential Proximity to Nearby Fields: Evidence for the Drift Pathway. <i>Journal of Occupational and Environmental Medicine</i> . 53(8): 884-891. PMID:21775902.	x						
		Tsuchiya, A, Duff, R, Stern, AH, White, JW, Krogstad, F, Burbacher, TM, Faustman, EM, and Marien, K 2012. Single blood-Hg samples can result in exposure misclassification: temporal monitoring within the Japanese community (United States). <i>Environ Health</i> . 11(1): 37. PMID: PMC3410813.	x						
		Nonnenmann, MW, Coronado, G, Thompson, B, Griffith, WC, Hanson, JD, Vesper, S, and Faustman, EM 2012. Utilizing Pyrosequencing and Quantitative PCR to Characterize Fungal Populations among House Dust Samples in the National Children's Study. <i>Journal of Environmental Monitoring</i> . 14(8): 2038-2043.	x						
		Coronado, GD, Holte, SE, Vigoren, EM, Griffith, WC, Barr, DB, Faustman, EM, and Thompson, B. 2012. Do Workplace and Home Protective Practices Protect Farm Workers? Findings From the "For Healthy Kids" Study. <i>Journal of Occupational and Environmental Medicine</i> . 54(9): 1163-1169.	x						
		Port, JA, Wallace, JC, Krogstad, FTO, and Faustman, EM 2012. Metagenomic profiling of microbial composition and antibiotic resistance determinants in Puget Sound. <i>PLoS One</i> . 7(10):e48000. PMID: PMC3483302.	x						
		Hinners T, Tsuchiya A, Stern AH, Burbacher TM, Faustman EM, Marien K. 2012. Chronologically matched toenail-Hg to hair-Hg ratio: temporal analysis within the Japanese community (U.S.). <i>Environ Health</i> . 11:81. PMID: PMC3511224	x						
		McMillin MJ, Below JE, Shively KM, Beck AE, Gildersleeve HI, Pinner J, Gogola GR, Hecht JT, Grange DK, Harris DJ, Earl DL, Jagadeesh S, Mehta SG, Robertson SP, Swanson JM, Faustman EM, Mefford HC, Shendure J, Nickerson DA, Bamshad MJ; the University of Washington Center for Mendelian Genomics. 2013. Mutations in ECEL1 Cause Distal Arthrogyrosis Type 5D. <i>Am J Hum Genet</i> .	x						
		Below JE, Earl DL, Shively KM, McMillin MJ, Smith JD, Turner EH, Stephan MJ, Al-Gazali LI, Hertecant JL, Chitayat D, Unger S, Cohn DH, Krakow D, Swanson JM, Faustman EM, Shendure J, Nickerson DA, Bamshad MJ; University of Washington Center for Mendelian Genomics. 2013. Whole-Genome Analysis Reveals that Mutations in Inositol Polyphosphate Phosphatase-like 1 Cause Opsismodysplasia. <i>Am J Hum Genet</i> .	x						
		Giordano, G, Kavanagh, TJ, Faustman, EM, White, CC and Costa, LG. 2013. Low-level domoic acid protects mouse cerebellar granule neurons from acute neurotoxicity: role of glutathione. <i>Toxicol Sci</i> . 132(2): 399-408.	x						
		McConnachie, LA, Botta, D, White, CC, Weldy, CS, Wilkerson, HW, Yu, J, Dills, R, Yu, X, Griffith, WC, Faustman, EM, Farin, FM, Gill, SE, Parks, WC, Hu, X, Gao, X, Eaton, DL and Kavanagh, TJ. 2013. The Glutathione Synthesis Gene Gclm Modulates Amphiphilic Polymer-Coated CdSe/ZnS Quantum Dot-Induced Lung Inflammation in Mice. <i>PLoS One</i> . 8(5): e64165. 3664581.	x						
		Wegner, S, Hong, S, Yu, X and Faustman, EM. 2013. Preparation of rodent testis co-cultures. <i>Curr Protoc Toxicol</i> . Chapter 16: Unit 16 10.					x		
		Goodchild	Anne	Wang, Z., J. Sage, J., A. Goodchild, E. Jessup, K. Casavant, R. Knudson (accepted) A Framework for Determining Highway Truck-Freight Benefits and Economic Impacts. <i>Transportation Research Forum</i>	o				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Goodchild (continued)		Pitera, K., L. Boyle, and A. Goodchild (accepted) An Economic Analysis of On-Board Monitoring Systems in Commercial Vehicles. Transportation Research Record	o				
		Pitera, K., L. Boyle, and A. Goodchild (2013) Process Comparison of Hours of Service Recording for Commercial Vehicle Operations: Electronic vs. Paper. Journal of Transp. Eng., 139(3), 266–272. http://dx.doi.org/10.1061/(ASCE)TE.1943-5436.0000500	x				
		Zhao, W., and A. Goodchild (2013) Using a Truck Appointment System to Improve the System Efficiency of Container Terminals. Journal of Maritime Economics and Logistics 15, 101–119.	x				
		Wygonik, E., and A. Goodchild (2012) Evaluating the Efficacy of Shared-use Vehicles For Reducing Greenhouse Gas Emissions: A Us Case Study Of Grocery Delivery. Journal of the Transportation Research Forum, 51(2), 111-126	x				
		Andreoli, D., and A. Goodchild (2012) A Supply Chain Analysis of Truck Trip Generation: a case study in Washington potatoes. Transportation Letters, 4(3), 153-166.	x				
		Goodchild, A., Pitera, K., and E. McCormack (2012) Examining the differential responses of shippers and motor carriers to travel time variability. International Journal of Applied Logistics, 3(1), 39-53.	x				
		Goodchild, A., J.G. McCall, J. Zumerchik, and J. Lanigan, Sr. (2011) Reducing Train Turn Times with Doubly Cycling in New Terminal Designs, Transportation Research Record: Journal of the Transportation Research Board, 2238, 8-14.	x				
		Klein, M., and A. Goodchild (2011) Pacific Highway Commercial Vehicle Operations: Border Policy and Logistical Efficiency in a Regional Context, Transportation Research Record: Journal of the Transportation Research Board, 2238, 15-23.	x				
		Zhao, W., and A. Goodchild (2011) Truck Travel Time Reliability and Prediction in a Port Drayage Network. Journal of Maritime Economics and Logistics, 13(4), 387-418.	x				
		Zhao, W., E. McCormack, and A. Goodchild (2011) Evaluating the Accuracy of GPS Spot Speeds for Estimating Truck Travel Speed. Transportation Research Record: Journal of the Transportation Research Board, 2246, 101-110.	x				
		Pitera, K., F. Sandoval, and A. Goodchild (2011) A Model for Emissions Reduction Evaluation in Urban Pickup Systems: A Heterogeneous Fleet Case Study. Transportation Research Record, 2224, 8-16.	x				
		Gupta, G., Goodchild, A. and M. Hansen (2011) A Competitive, Charter Air-Service Planning Model for Student Athlete Travel. Transportation Research Part B, 45, 128-149.	x				
		Wygonik, E., and A. Goodchild (2011) Evaluating CO Emissions, Cost, and Service Quality Trade-offs in an Urban Delivery System Case Study. IATSS (International Association of Traffic and Safety Science) Research, 35(1), 7-15.	x				
		Pitera, K., A. Goodchild, and S. Albrecht (2010) Canada’s Port of Prince Rupert as a Successful National Gateway Strategy. Transportation Letters, 4(10), 261-271.	x				
		Zhao, W., and A. Goodchild (2010) The Impact of Truck Arrival Information on System Efficiency at Container Terminals. Transportation Research Record, 2162, 17-24.	x				
		Ta, C., Goodchild, A., and B. Ivanov. (2010) Building Freight Transportation System Resilience: Actions for State DOTs. Transportation Research Record, 2168, 129-135.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Goodchild (continued)		Kristjansson, K., Bomba, M., and A. Goodchild (2010) Intra-Industry Trade Analysis of US State –Canadian Province Pairs: Implications for the Cost of Border Delay. <i>Transportation Research Record</i> , 2162, 73-80.	x				
		Goodchild, A., L. Leung and S. Albrecht (2010). Free and Secure Trade Commercial Vehicle Crossing Times at the Pacific Highway Port of Entry. <i>Journal of Transportation Engineering</i> , 136(10), 932-935.	x				
		Andreoli, D., Goodchild, A., and K. Vitasek (2010). The Rise of Mega Distribution Centers and the Impact on Logistical Uncertainty. <i>Transportation Letters</i> , 2(2), 75-88.	x				
		Zhao, W., and A. Goodchild (2010) The Impact of Truck Arrival Information on Container Terminal Rehandling. <i>Transportation Research Part E</i> , 46(3), 327-343.	x				
		Niemeier D., Goodchild, A., Rowell, M., Schweitzer, L., Lin, J. (2012) Transportation and Infrastructure. In D. Niemeier (Ed.) <i>Assessment of Climate Change in the Southwest United States: A Technical Report Prepared for the U.S. National Climate Assessment</i> .				x	
		Goodchild, A., W. Zhao and E. Wygonik (2011). Intermodal Freight Transportation Models. In A. Errera (Ed.) <i>Transportation and Warehousing. Wiley Encyclopedia of Operations Research and Management Science</i>					x
Guttorp	Peter	A. Gelfand, P.Diggle, M. Fuentes and P.Guttorp (2010): <i>Handbook in Spatial Statistics</i> . Boca Raton: Chapman & Hall.		x			
		P.Guttorp and D. R. Brillinger (2011): <i>Selected works of David Brillinger</i> . New York:Springer.			x		
		L. Bao, T.Gneiting, E. P.Grimmit, P.Guttorp and A. E. Raftery (2010): Bias Correction and Bayesian Model Averaging for Ensemble Forecasts of Surface Wind Direction. <i>Monthly Weather Review</i> 138:1811-182.	x				
		D. Warton and P.Guttorp (2010): Compositional analysis of overdispersed counts using generalized estimating equations. <i>Environmental and Ecological Statistics</i> , DOI:10.1007/s10651-010-0145-9.	x				
		G. S. Chiu, P.Guttorp, A. H. Westveld, S.A. Khan and J. Liang (2011): A Latent Health Factor Index via Generalized Linear Mixed Models, with Application to Ecological Health Assessment. <i>Environmetrics</i> 22:243-255.	x				
		P.Guttorp and J. Xiu (2011): Climate change, trends in extremes, and model assessment for along temperature time series from Sweden. <i>Environmetrics</i> 22:456-463.	x				
		A. Schmidt, P.Guttorp and A. O’Hagan (2011): Considering covariates in the covariance structure of spatial processes. <i>Environmetrics</i> 22:487-500.	x				
		S. N. Catlin, L. Busque, R. E. Gale, P.Guttorp, and J. L. Abkowitz (2011):The replication rate of human hematopoietic stem cells in vivo. <i>Blood</i> 117:4460-4466.	x				
		P.Guttorp (2011): The role of statisticians in international science policy. <i>Environmetrics</i> 22:817-825.	x				
		E. Orskaug, L. Scheel, A. Frigessi, P.Guttorp, J. E. haugen, O. E. Tveito and O. Haug (2011): Evaluation of a dynamic downscaling of Norwegian precipitation. <i>Tellus A63</i> :746-756.	x				
P.Craigmile and P.Guttorp (2011): Space-time modeling of trends in temperature series. <i>Journal of Time Series Analysis</i> 32:378-395.	x						

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other	
Guttorp (continued)		M. Aldrin, M. Holden, P.Guttorp, R. B. Skeie, G. Myhre and T.K.Bentsen (2012): Bayesian estimation of the climate sensitivity based on a simple climate model fitted to observations of hemispheric temperatures and global ocean heat content. <i>Environmetrics</i> 23:253-271.	x					
		V.Berrocal, P.Craigmile and P.Guttorp (2012): Regional climate model assessment using statistical upscaling and downscaling techniques. <i>Environmetrics</i> 23: 482-492.	x					
		P.Guttorp (2012): Climate statistics and public policy. <i>Statistics, Politics and Policy</i> 3, online. doi: 10.1515/2151-7509.1055.	x					
		P.Guttorp and T.Thorarinsdottir (2012): What happened to discrete chaos, the Quenouille process, and the sharp Markov property? Some history of stochastic point processes. <i>International Statistical Review</i> 80:253-268.	x					
		Y.Maand P.Guttorp (2013): Estimating daily mean temperature from synoptic climate observations. <i>International Journal of Climatology</i> 33:1264-1269. doi: 10.1002/joc.3510	x					
		P.Guttorp and M. D. Perlman (2013) Predicting extinction or explosion in a Galton-Watson branching process. To appear, <i>Statistical Inference for Stochastic Processes</i> .	x					
		P.Guttorp and T.Y.Kim (2013): Uncertainty in ranking the hottest years of US surface temperatures. To appear, <i>Journal of Climate</i> .	x					
		P.Guttorp and A. M. Schmidt (2013): Covariance structure of spatial and spatio-temporal processes. To appear, <i>WIREs Computational Statistics</i> .	o					
		J. Vianna Neto, A. Schmidt and P.Guttorp (2011): Accounting for spatially varying directional effects in spatial covariance structure. To appear, <i>Journal of the Royal Statistical Society Series C</i> .	o					
		Guttorp, P.and Thorarinsdottir,T.(2011): Bayesian Inference for Non-Markovian Point Processes. In E. Porcu, J.M. Montero, and M. Schlather (Eds.), <i>Space-Time Processes and Challenges Related to Environmental Problems: Proceedings of the Spring School "Advances and Challenges in Space-Time Modelling of Natural Events":79-102</i> . Berlin:Springer.				x		
		P.Guttorp and W.Piegorsch (2010): Editorial. <i>Environmetrics</i> .						editorial
		R. L. Smith, M. Berliner and P Guttorp (2010): Statisticians Comment on Status of Climate Change Science. <i>AmStat News</i> ,March 2010, 13-17.						editorial
		P.Guttorp (2010): The Paper That Convinced Me of the Connection Between CO2 and Climate Change. <i>AmStat News</i> , March 2010, 14-15.						editorial
		P.Guttorp and B. Das (2011): Comments on Lindgren, Lindströmand Rue: "An explicitlink between Gaussian fields and Gaussian Markov random fields: The stochastic partial differential equation approach". <i>Journal of the Royal Statistical Society, Series B</i> 73:472-473.						commentary
P.Guttorp (2011): Uppoch nedskalning avklimatmodeller. <i>Qvintensen</i> Nr 3 2011: 17-18.			x					
P.Guttorp, S. Sain and C. Wikle (2012): Editorial: Advances in Statistical Methods for Climate Analysis. <i>Environmetrics</i> 23:363.						editorial		
Harrell	Stevan	2010 Stevan Harrell and Bamo Qubumo, Yi National Minority, in <i>The Berg Encyclopedia of World Dress and Fashion</i> , Volume 6, part 3.					Encyclopedia	

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Harrell (continued)		2010 Lauren S. Urgenson, R. Keala Hagmann, Stevan Harrell, Amanda C. Henck, Thomas M. Hinckley, Sara Jo Shepler, Barbara L. Grub, and Phillip M. Chi, Socio-Ecological Resilience of a Nuosu Community-Linked Watershed, Southwest Sichuan, China. Ecology and Society 15(4): 2. [online] URL: http://www.ecologyandsociety.org/vol15/iss4/art2/	x				
		2011 世界能從台灣學到甚麼? Shijie Neng Cong Taiwan Xuedao SHEME? (What Can the World Learn from Taiwan?), translated by Terri He and Chen Wei-hung. Sixiang (Reflexion) Taipei, 17: 1-22	x				
		2011 Stevan Harrell, Wang Yuesheng, Han Hua, Zhou Yingying, and Gonçalo Duro dos Santos. Fertility Decline in Rural China: A Comparative Institutional Approach. Journal of Family History, 36 (1): 15-36.	x				
		2011 Stevan Harrell and Li Xingxing, 文本沙漠, 情感绿洲 Wenben Shamo, Qinggan Lüzhou (Textual Desert, Emotional Oasis), Renleixue Pinglun (Anthropological Critique), Beijing.	x				
		2011 Stevan Harrell and Thomas M. Hinckley, From Grand Plan to Working Web, with Patience and Flexibility: The University of Washington's Partnership with Sichuan University. In Daniel Obst and Susan Buck Sutton, eds., Developing Strategic International Partnerships (New York: Institute for International Education and American Institute for Foreign Study Foundation).			x		
		In Press, (2013) Stevan Harrell, Orthodoxy, Resistance, and the Family in Chinese Art," in Jerome Silbergeld and Dora C.Y. Ching, eds., The Family Model in Chinese Art and Culture. Princeton: Princeton University Press, June.				o	
		In press (2013) Stevan Harrell, A Family Tradition that Portrays Families in Paintings Without Painting any Family Pictures: The Nianhua of Mianzhu, Sichuan, in Jerome Silbergeld and Dora C.Y. Ching, eds., The Family Model in Chinese Art and Culture. Princeton: Princeton University Press.		o			
		In Press (2013) Stevan Harrell and Li Xingxing, Cultural Desert, Emotional Oasis. In Sarah Turner, ed., Red Stamps and Gold Stars: Fieldwork in Highland Socialist Asia, Vancouver: UBC Press (English Translation of 文本沙漠, 情感绿洲)。				o	
		In Press (2013) Stevan Harrell, Afterword: China's Tangled Web of Heritage, in Helaine Silverman and Tami R. Blumenfeld, eds., Cultural Heritage Politics in China. Springer.				o	
		In Press (2013) Alicia S.T. Robbins and Stevan Harrell, Paradoxes and Challenges in China's Forest Sector in the Reform Era. China Quarterly.	o				
		In Press (2013) Review Essay: Four Films on a North Chinese Village by Song Zhifang, Gary Seaman, and Steven Schindler. Visual Anthropology.	o				
		In Press (2013) Stevan Harrell, Fei Xiaotong and the Vocabulary of Anthropology in China. In Chang Xiangqun and Stephan Feuchtwang, eds., The Anthropological Legacy of Fei Xiaotong (Beijing: Social Sciences Press)				o	
		Series editor, "Studies in Ethnic Groups in China," University of Washington Press, 1995-. At present 13 volumes published, 1 in production, several manuscripts under consideration or revision.					series of books
Harrington, Jr.	James W.	Park, Y.J., Kim, K., and Harrington, J.W. 2011. The Economic Effects of Economic Cooperation of Korea, China, and Japan. Regional and Sectoral Economic Studies 11(1): 109-124.	x				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Harrington (continued)		Harrington, J.W. and Kauffman, C. 2011. Local Entrepreneurship. Section in Ch. 2., "Economic Geographies" in M.Brown and R.Morrill, eds. Seattle Geographies. Seattle: University of Washington Press.			x		
Hou	Jeffrey	Hou, Jeffrey, Ben Spencer, Thaisa Way, and Ken Yocom (eds.). 2014 (forthcoming). Now Urbanism: the Future City is Here. London and New York: Routledge.		o			
		Hou, Jeffrey (ed.) (Forthcoming). City Rebellions: Eleven Cases of Global Guerrilla Urbanism. The Bottom-Up City, Vol. I. Taipei, Taiwan: Rive Gauche Publishing House, an Imprint of Walkers Cultural Enterprises LTD. (In Traditional Chinese) (Selected translation from Insurgent Public Space)					Translation
		Hou, Jeffrey (ed.) (Forthcoming). City Rebuilding: Eleven Stories of Local Actions in Taiwan. The Bottom-Up City, Vol. II. Taipei, Taiwan: Rive Gauche Publishing House, an Imprint of Walkers Cultural Enterprises LTD. (In Traditional Chinese)			o		
		Hou, Jeffrey (ed.). 2013. Transcultural Cities: Border Crossing and Placemaking. London and New York: Routledge. (Recommended in Society of Architectural Historian Book List, May 2013)		x			
		Hou, Jeffrey, ed. 2010. Insurgent Public Space: Guerrilla Urbanism and the Remaking of Contemporary Cities. London and New York: Routledge.		x			
		Hou, Jeffrey. (Forthcoming) Urbanism and Everyday Life. In Heathcott, Joseph (ed.), Companion to American Urbanism. London and New York: Routledge.			o		
		Hou, Jeffrey. (Forthcoming) Life Before/During/Between/After Service-Learning Studios. In Bose, Mallika, et al. (Eds.), Community Matters: Service-Learning in Design and Planning. London: Earthscan.			o		
		Hou, Jeffrey. 2014. Making and Supporting Community Gardens as Informal Urban Landscapes. In Mukhijia, Vinit and Anastasia Loukaitou-Sideris (eds.), The Informal City: Settings, Strategies, Responses. Cambridge, MA: The MIT Press.			o		
		Hou, Jeffrey. 2013. Transcultural Participatory Design: Engaging, Empowering, and Learning from Immigrant Communities in Seattle's International District. In Hou, Jeffrey (ed.), Transcultural Cities: Border Crossing and Placemaking. London and New York: Routledge.			x		
		Hou, Jeffrey. 2012. Vertical Urbanism, Horizontal Urbanity: Notes from East Asian Cities. In Bharne, Vinayak (ed.), The Emergent Asian City: Concomitant Urbanities and Urbanisms. London and New York: Routledge.			x		
		Hou, Jeffrey. 2012. Making Public, Beyond Public Space. In Shiffman, Ron, Rick Bell, Lance J. Brown, and Lynne Elizabeth (eds.), Beyond Zuccotti Park: Freedom of Assembly and the Occupation of Public Space. Berkeley, CA: New Village Press.			x		
		Shiffman, Ron, and Jeffrey Hou. 2012. A Call for Actions. In Shiffman, Ron, Rick Bell, Lance J. Brown, and Lynne Elizabeth (eds.), Beyond Zuccotti Park: Freedom of Assembly and the Occupation of Public Space. Berkeley, CA: New Village Press.			x		
		Emerson, Pam and Jeffrey Hou. 2012. 17th and South Jackson: Relocating Casa Latina and Navigating Cultural Cross-roads in Seattle. In Rios, Michael and Leo Vasquez, (eds.) Diálogos: Placemaking in Latino Communities. London and New York: Routledge.			x		
		Hou, Jeffrey. 2012. Modeling Landscapes. In Amoroso, Nadia (ed.), Representing Landscapes: A Visual Collection of Landscape Architectural Drawings, pp. 243-248. London and New York: Routledge.			x		

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Hou (continued)		Hou, Jeffrey. 2011. Differences Matter: Learning to Design in Partnership with Others. In Angotti, Tom, Cheryl Doble, and Paula Horrigan (eds.), <i>Service-Learning in Design and Planning: Educating at the Boundaries</i> . Berkeley, CA: New Village Press.			x		
		Hou, Jeffrey. 2011. Citizen Design: Participation and Beyond. In Banerjee, Tridib and Anastasia Loukaitou-Sideris (eds.), <i>Companion to Urban Design</i> . London and New York: Routledge.			x		
		Hou, Jeffrey. 2010. 'Night Market' in Seattle: Community Eventscape and the Reconstruction of Public Space. In Hou, Jeffrey (ed.), <i>Insurgent Public Space: Guerrilla Urbanism and the Remaking of Contemporary Cities</i> . London and New York: Routledge.			x		
		Hou, Jeffrey. 2013. Community 'Owned' Public Space: Seattle's Alternatives to POPS. <i>SUR: Sustainable Urban Regeneration</i> , 25: 74-77. Special Issue: Privately Owned Public Space. Tokyo: University of Tokyo.					Invited magazine article
		Shiffman, Ron and Jeffrey Hou. 2012. Postscript II: A Call for Actions. <i>Progressive Planning</i> , No. 193, Fall, pp. 23-25. (Excerpt from <i>Beyond Zuccotti Park: Freedom of Assembly and the Occupation of Public Space</i>)					Invited article
		Hou, Jeffrey. 2012. <i>Beyond Zuccotti Park: Making the Public</i> . Places: Forum of Design for the Public Realm, posted: 09.24.12, on the Internet at: http://places.designobserver.com/feature/beyond-zuccotti-park-making-the-public/35658/					Invited article
		Hou, Jeffrey. 2012. Community Owned Green Space and the Co-Production of Public Realm. Green Community Design: the 8th Conference of the Pacific Rim Community Design Network, Seoul National University, South Korea. August 22-24, 2012.					Invited article
Kahn	Miriam	2011 <i>Tahiti Beyond the Postcard: Power, Place and Everyday Life</i> . University of Washington Press.			x		
		2012? Between the Shadows and the Light: The Role of the Visual in Creating Tahiti as "Paradise." In Deidre Evans-Pritchard et. al. eds. <i>Adjusting the Lens: New Perspectives on Tourism Sensed and Perceived</i> . London: Elsevier Butterworth-Heinemann.					Can't find any mention online
		2011 Illusion and Reality in Tahiti's Tourist Cocoons. <i>Journal of Tourism and Cultural Change</i> (special issue on Imagined Landscapes of Tourism) 9(3): 201-216.	x				
		2011. Moving onto the Stage: Tourism and the Transformation of Tahitian Dance. Elfriede Hermann ed. <i>Changing Contexts, Shifting Meanings: Transformations of Cultural Traditions in Oceania</i> . Honolulu: Honolulu Academy of Arts. Pp. 298-303.			x		
		In press. Review of <i>Aloha America: Hula Circuits Through the U.S. Empire</i> by Adria L. Imada. <i>Pacific Affairs</i> 86(4).					Review
		2013 Review of <i>Voyages: From Tongan Villages to American Suburbs</i> by Cathy Small. <i>American Ethnologist</i> 40(1): 236-38.					Review
		2011 Review of <i>Sun and Shadows: The Downside of Tourism in Central America</i> by Joaquin Zuniga. Anthropology Review Database.					Review
		2010. Review of <i>Trading Nature: Tahitians, Europeans and Ecological Exchange</i> by Jennifer Newell. <i>International Journal of Maritime History</i> 22(2): 437-38.					Review
		2010 Review of <i>Consequential Damages of Nuclear War: The Rongelap Report</i> by Barbara Rose Johnston and Holly M. Barker. <i>The Contemporary Pacific</i> .					Review
Kim	Soo Hyung	Zwart DC, Kim S-H (2012) Biochar amendment increases resistance to stem-lesions caused by <i>Phytophthora</i> spp. in tree seedlings. <i>HortScience</i> , 47:1736-1740	x				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Kim (continued)		Kim S-H, Yang Y, Timlin D, Fleisher D, Dathe A, Reddy VR, Staver K (2012) Modeling temperature responses of leaf growth, development, and biomass in maize with MAIZSIM. <i>Agronomy Journal</i> 104(6): 1523-1537.	x				
		Kim S-H, Cregg B (2012) Emerging methods for diagnostics and mitigation of crop environmental stress in a changing climate. <i>HortScience</i> 47(6), 684-686.	x				
		Yang Y., Timlin D.J., Fleisher D.H., Lokhande S.B., Chun J.A., Kim S.-H., Staver K. & Reddy V.R. (2012) Nitrogen concentration and dry matter accumulation in maize crop: assessing maize nitrogen status with an allometric function and a chlorophyll meter. <i>Communications in Soil Science and Plant Analysis</i> 43(11), 1563-1575.	x				
		Chung U., Mack L., Yun J.I. & Kim S.-H. (2011) Predicting the timing of cherry blossoms in Washington D. C. and Mid-Atlantic States in response to climate change. <i>PLoS ONE</i> 6(11), e27439	x				
		Kinmonth-Schultz, H. & Kim S.-H. (2011) Carbon gain, allocation, and storage in rhizomes in response to elevated CO2 and nutrient supply in a perennial C3 species, <i>Phalaris arundinacea</i> . <i>Functional Plant Biology</i> 38, 797-807	x				
		Sicher R.C. & Kim S.-H. (2011) Photosynthesis, growth and maize yields in the context of global change. In: <i>Advances in Maize</i> (eds J.-L. Prioul, C. Thevenot, & T. Molnar), pp. 373-391. Society of Experimental Biology, London, UK.			x		
Kim		Fleisher D., Timlin D., Reddy V.R., Yang Y., & Kim S.-H. (2010) Effects of carbon dioxide and temperature on crops: Lessons from SPAR growth chambers. In : Hillel D, Rosenzweig C eds. p55-84. <i>Handbook of Climate Change and Agroecosystems: Impacts, Adaptation, and Mitigation</i> . London, UK, Imperial College Press.			x		
Larson	Timothy	Alon Bassok, Phil Hurvitz, Christine Bae and Timothy Larson (2010) Measuring Neighborhood Air Pollution: The Case of Seattle's International District <i>Journal of Environmental Planning and Management</i> 53(1), 23-39.	x				
		Darren Wilton, Adam Szpiro, Timothy Gould and Timothy Larson (2010) Improving Spatial Concentration Estimates for Nitrogen Oxides Using a Hybrid Meteorological Dispersion/Land Use Regression Model in Los Angeles, CA and Seattle, WA. <i>Science of the Total Environment</i> 408, 1120-1130.	x				
		L.-J. Sally Liu, Harish C. Phuleria, Whitney Webber, Mark Davey, Douglas R. Lawson, Robert G. Ireson, Barbara Zielinska, John M. Ondov, Christopher S. Weaver, Charles A. Lapin, Michael Easter, Thomas W. Hesterberg, Timothy Larson (2010) Quantification of Self Pollution from Two Diesel School Buses using Three Independent Methods <i>Atmospheric Environment</i> 44(28), 3422-3431.	x				
		Williams L, Ulrich CM, Larson T, Wener MH, Wood B, Chen-Levy Z, Campbell PT, Potter JD, McTiernan A, De Roos AJ.(2011) Fine particulate matter (PM2.5) air pollution and immune status among women in the Seattle area. <i>Arch Environ Occup Health</i> .	x				
		Timothy Larson,, Barbara Zielinska, Rob Ireson, L.J. Sally Liu Source apportionment of PM2.5 inside two school buses using partial least squares regression discriminant analysis with chemical mass balance <i>Atmospheric Pollution Research</i> 2(2), 144-150.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Larson (continued)		Birger, N., Gould, T., Stewart, J., Larson, T., Miller, M., Carlsten, C. (2011) The Air Pollution Exposure Laboratory (APEL) for Controlled Human Exposure to Diesel Exhaust and Other Inhalants: Characterization and Comparison to Existing Facilities <i>Inhalation Toxicology</i> 23(4), 219-225.	x				
		Mercer, L., Szpiro A., Sheppard L., Adar S., Allen R., Avol E., Oron A., Larson, T., Liu L.J.S., Kaufman J. (2011) Comparing universal kriging and land-use regression for predicting concentrations of gaseous oxides of nitrogen (NOx) for the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air) <i>Atmospheric Environment</i> ,45(26) , 4412-4420 DOI: 10.1016/j.atmosenv.2011.05.043	x				
		Weldy, C.S., White, C.C., Wilkerson, H-W, Larson, T.V., Stewart, J.A., Gill, S.E., Parks, W.C., Kavanagh, T.J. (2011) Heterozygosity In The Glutathione Synthesis Gene <i>Gclm</i> Increases Sensitivity To Diesel Exhaust Particulate Induced Lung Inflammation In Mice <i>Inhalation Toxicology</i>	x				
		Weldy C.S., Luttrell I., Wilkerson H.-W., Larson, T.V., Stewart, J.A., Chitaley K., Kavanagh T.J. (2012) Diesel Particulate Exposed Macrophages Alter eNOS, iNOS and MCP1 Expression in Endothelial Cells and Impair Vascular Function (2011) <i>Toxicology in Vitro</i>	x				
		Ryan Allen, Sara Adar, Ed Avol, Martin Cohen, Cynn timer Curl, Timothy Larson, L.-J. Sally Liu, Lianne Sheppard, and Joel Kaufman. (2012) Infiltration of Outdoor PM2.5 into Residences in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air) <i>Environmental Health Perspectives</i>	x				
		Cosselman, K.E., Krishnan, R., Oron, A.P., Jansen, K., Peretz, A., Sullivan, J.H., Larson, T.V., and Kaufman, J.D. (2012) Blood pressure response to controlled diesel exhaust exposure in human subjects <i>Hypertension</i>	x				
		Joel Kaufman, Sara Adar, Ryan Allen, Brad Astor, R. Graham Barr, Matthew Budoff, Gregory Burke, Adrian Casillas, Martin Cohen, Cynthia Curl, Martha Daviglius, Ana Diez Roux, David Jacobs, Richard Kronmal, Timothy Larson, Sally Lee-Jane Liu, Thomas Lumley, Daniel O'Leary, Paul Sampson, Lianne Sheppard, David Siscovick, Russell Tracy, (2012) Prospective Study of Particulate Air Pollution Exposures, Subclinical Atherosclerosis, and Clinical Cardiovascular Disease. The Multi-ethnic Study of Atherosclerosis and Air Pollution (MESA Air) <i>American Journal of Epidemiology</i>	x				
		Sathyanarayana S, Zhou, C., Rudra C, Gould T, Larson T, Koenig, J, Karr, C.J. (2012) Prenatal Ambient Air Pollution and Small for Gestational Age Birth in the Puget Sound Air Basin <i>Air Quality, Atmosphere and Health</i> DOI 10.1007/s11869-012-0182-7.	x				
		Sverre Vedal, Joel D. Kaufman, Timothy V. Larson, Paul D. Sampson, Elizabeth A. ("Lianne") Sheppard, Christopher D. Simpson, Adam A. Szpiro, Jacob D. McDonald, Amie K. Lund, Matthew J. Campen, Silas Bergen Cynn timer CurlSun-Young Kim, Kristin Miller Julie Richman Fox, Sara Adar, Joe L. Mauderly (2013) University of Washington/Lovelace Respiratory Research Institute National Particle Component Toxicity (NPACT) Initiative: Integrated Epidemiological and Toxicological Cardiovascular Studies to Identify Toxic Components and Sources of Fine Particulate Matter <i>Res Rep Health Eff Inst</i>	x				
		Ballinger M., Woodruff, R, Duchsherer C, Larson T.V. (2013) "Estimating Air Chemical Emissions from Research Activities Using Stack Measurement Data" <i>Journal of the Air and Waste Management Association</i> 63(3), 336-348.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Larson (continued)		Yin G, Lawal A, Ricks J, Fox JR, Larson T, Navab M; Fogelman A M, Rosenfeld M E; Araujo, J A (2013) "Diesel Exhaust Induces Systemic Lipid Peroxidation and Development of Dysfunctional Pro-oxidant and Pro-inflammatory HDL" <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> (in press)	0				
		Alexander D, Linnes J C, Bolton S, and Larson T. (2013) Evaluating the association between improved stove implementation and respiratory health-related quality of life in a small intervention study in Bolivia <i>Journal of Epidemiology and Community Health</i> (in press)	0				
		Sampson P D, Richards M, Szpiro A A, Bergen S, Sheppard L, Larson T V, Kaufman J D (2013) "A Regionalized National Universal Kriging Model using Partial Least Squares Regression for Estimating Annual PM2.5 Concentrations in Epidemiology" <i>Atmospheric Environment</i> 75, 383-392.	0				
		Sun, Min; Kaufman, Joel D.; Kim, Sun-Young; Larson, Timothy; Gould, Timothy; Polak, Joseph F.; Budoff, Matthew J.; Diez Roux, Ana V.; Vedal, Sverre (2013) Particulate matter components and subclinical atherosclerosis: common approaches to estimating exposure in a Multi-Ethnic Study of Atherosclerosis <i>Environmental Health</i> 12(39) doi:10.1186/1476-069X-12-39.	x				
		Weldy C.S., Luttrell I.P., White C.C., Morgan-Stevenson V., Cox D.P., Carosino C.M., Larson T.V., Stewart J.A., Kaufman J.D., Kim F., Chitaley K., Kavanaugh T.J. Glutathione (GSH) and the GSH synthesis gene Gclm modulate plasma redox and vascular responses to acute diesel exhaust inhalation in mice <i>Inhalation Toxicology</i> (in press).	0				
Lawler	Joshua	Nuñez, T. A., J. J. Lawler, B. H. McRae, D. J. Pierce, M. B. Krosby, D.M. Kavanagh, P. H. Sigleton, and J. J. Tewksbury. In press. Connectivity planning to address climate change. <i>Conservation Biology</i> .	0				
		Lawler, J. J., C. A. Schloss, A. E. Ettinger. In press. Climate change: anticipating and adapting to the impacts on terrestrial species. In: S. A. Levin. <i>Encyclopedia of Biodiversity</i> . Elsevier Press.				0	
		Cross, M.S., J.A. Hilty, G.M. Tabor, J.J. Lawler, L.J. Graumlich, J. Berger. 2012. From connect-the-dots to dynamic networks: Maintaining and restoring connectivity as a strategy to address climate change impacts on wildlife. In: J. Brodie, E. Post, D. Doak, eds. <i>Conserving wildlife populations in a changing climate</i> . Chicago University Press.					x
		Lawler, J. J., H. D. Safford, and E. H. Girvetz. 2012. Martens and fishers in a changing climate. In: K. B. Aubry, Editors. <i>Biology and Conservation of Martens, Sables, and Fishers: a New Synthesis</i> . Cornell University Press.					x
		Ruesch, A. S., C.E. Torgersen, J. J. Lawler, J.D. Olden, E.E. Peterson, C.J. Volk, D.J. Lawrence. 2012. Projected climate-induced habitat loss for salmonids in the John Day River network, Oregon, USA. <i>Conservation Biology</i> 26: 873-882.	x				
		Withy, J. C., J. J. Lawler, S. Polasky, A.J. Plantinga, E.J. Nelson, P. Kareiva, C.B. Wilsey, C.A. Schloss, T. Nogueira, A. Ruesch, J. Ramos Jr., and W. Reid. 2012. Maximizing return on conservation investment in the conterminous U.S. <i>Ecology Letters</i> 15: 1249-1256.	x				
		Diez, J. M., C. M. D'Antonio, J. S. Dukes, E. D. Grosholz, J. D. Olden, C. J. B. Sorte, D. M. Blumenthal, B. A. Bradley, R. Early, I. Ibáñez, S. J. Jones, J. J. Lawler, and L. P. Miller. 2012. Will extreme climatic events facilitate biological invasions? <i>Frontiers in Ecology and the Environment</i> 10: 249-257.	x				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Lawler (continued)		Schloss, C. A., T. A. Nuñez, and J. J. Lawler. 2012. Dispersal will limit ability of mammals to track climate change in the Western Hemisphere. <i>Proceedings of the National Academy of Sciences</i> 109: 8606-8611.	x				
		Krosby, M., J. Hoffman, J.J.Lawler, and B.H.McRae. 2012. Integrating climate change into conservation planning in Washington State, and the Pacific Northwest. In: C.C. Chester, J.A. Hilty, and M.S. Cross, Editors. <i>Conservation and Climate Disruption: Ecoregional Science and Practice in a Changing Climate</i> . IslandPress.			x		
		Cross, M. S., E. S. Zavaleta, D. Bachelet, M. Brooks, C.A.F. Enquist, E. Fleishman, L. Graumlich, C. Groves, L. Hannah, L. Hansen, G. Hayward, M. Koopman, J. J. Lawler, J. Malcolm, J. Nordgren, B. Petersen, E. L. Rowland, D. Scott, S. Shafer, R. Shaw, J. Weaver, and G.M. Tabor. 2012. The adaptation for conservation targets (ACT) framework: a tool for incorporating climate change into natural resource management. <i>Environmental Management</i> 50: 341-351.	x				
		Trombulak, S. C., R. F. Baldwin, J. J. Lawler, J. Cymerman-Hepinstall, and M. A. Anderson. 2012. Landscapescale conservation planning for climate change in the Northern Appalachian/Acadian ecoregion. In: C. C. Chester, J. A. Hilty, and M. S. Cross, Editors. <i>Conservation and Climate Disruption: Ecoregional Science and Practice in a Changing Climate</i> . Island Press.				x	
		Radeloff, V. C., E. Nelson, A. J. Plantinga, D. J. Lewis, D. Helmers, J. J. Lawler, J. C. Withey, F. Beaudry, S. Martinuzzi, V. Butsic, E. Lonsdorf, D. White, and S. Polasky. 2012. Economic-based projections of future landuse in the conterminous U.S. under alternative economic policy scenarios <i>Ecological Applications</i> 22: 1036-1049.	x				
		Wilsey, C., J. J. Lawler, and D. Cimprich. 2012. Performance of habitat suitability models for the endangered black-capped vireo built with remotely-sensed data. <i>Remote Sensing of Environment</i> 119: 35-42.	x				
		Bradley, B. A., D. M. Blumenthal, R. I. Early, E. D. Grosholz, J. J. Lawler, L. P. Miller, C. J. B. Sorte, C. M. D'Antonio, J. M. Diez, J. S. Dukes, I. Ibanez, and J. D. Olden. 2012. Global change, global trade, and the next wave of plant invasions. <i>Frontiers in Ecology and the Environment</i> 10: 20-28.	x				
		Schloss, C. A., J. J. Lawler, E.R. Larson, H.L. Papendick M.J. Case, D.M. Evans, J.H. DeLap, J.G.R. Langdon, S.A. Hall, and B.H. McRae. 2011. Systematic conservation planning in the face of climate change: bet-hedging on the Columbia Plateau. <i>PLoS ONE</i> 6: e28788.	x				
		Kostyack, J., J. J. Lawler, D. D. Goble, J. D. Olden, and J. M. Scott. 2011. Beyond reserves and corridors: policy solutions to facilitate the movement of plants and animals in a changing climate. <i>BioScience</i> 61: 713-719.	x				
		Lawler, J. J. 2011. News and Views: Conservation at any cost. <i>Nature Climate Change</i> 1: 350-351.	x				
		Lawler, J. J., E. Nelson, M. Conte, S. L. Shafer, D. Ennaanay, and G. Mendoza. 2011. Modeling the impacts of climate change on ecosystem services. In: P. M. Kareiva, T. H. Ricketts, G. C. Daily, H. Tallis, and S. Polasky, Editors. <i>The Theory and Practice of Ecosystem Service Valuation</i> . Oxford University Press.			x		

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Lawler (continued)		Bancroft, B. A., B. A. Han, C. L. Searle, L. M. Biga, D. H. Olson, L. B. Kats, J. J. Lawler, and A. R. Blaustein. 2011. Species-level correlates of susceptibility to the pathogenic amphibian fungus <i>Batrachochytrium dendrobatidis</i> in the United States. <i>Biodiversity and Conservation</i> 20: 1911-1920.	x				
		Blaustein, A.R., C. Searle, B.A. Bancroft and J. Lawler. 2011. Amphibian population declines and climate change. In: J. Belant and E. Beever Eds. <i>Ecological Consequences of Climate Change: Mechanisms, Conservation, and Management</i> . Taylor & Francis Publishing.			x		
		Lawler, J. J., and J. D. Olden. 2011. Reframing the debate over assisted colonization. <i>Frontiers in Ecology and the Environment</i> 9: 569-574.	x				
		Olden, J. D., M. J. Kennard, J. J. Lawler, N. L. Poff. 2011. Challenges and opportunities in implementing managed relocation for conservation of freshwater species. <i>Conservation Biology</i> 25: 40-47.	x				
		Lawler, J. J., Y.F. Wiersma, and F. Huettmann. 2011. Designing predictive models for increased utility: using species distribution models for conservation planning and ecological forecasting. In: Drew, A., Y. F. Wiersma, and F. Huettmann, Editors. <i>Predictive Modeling in Landscape Ecology</i> . Springer Press.			x		
		Jantarasami, L. C., J. J. Lawler, and C. W. Thomas. 2010. Institutional barriers to climate-change adaptation in U.S. national parks and forests. <i>Ecology and Society</i> . 15(4): 33.	x				
		Lawler, J. J., J. A. Hepinstall-Cymerman. 2010. Conservation planning in a changing climate: assessing the impacts of potential range shifts on a reserve network. In: R. Baldwin and S. C. Trombulak, Editors. <i>Multi-scale Conservation Planning</i> . Springer-Verlag.			x		
		Blaustein, A. R., S. C. Walls, B. A. Bancroft, J. J. Lawler, C. L. Searle, and S. S. Gervasi. 2010. Direct and indirect effects of climate change on amphibian populations. <i>Diversity</i> 2: 281-313.	x				
		Lawler, J.J., S. L. Shafer, B. A. Bancroft, and A. R. Blaustein. 2010. Projected climate impacts for the amphibians of the western hemisphere. <i>Conservation Biology</i> 24: 38-50.	x				
		Belant, J. L., E. A. Beever, J. E. Gross, and J. J. Lawler. 2010. Introduction: special section: ecological responses to contemporary climate change within species, communities, and ecosystems. <i>Conservation Biology</i> 24: 7-9.	x				
		Lawler, J. J., T. Tear, C. R. Pyke, R. Shaw, P. Gonzalez, P. Kareiva, L. Hansen, L. Hannah, K. Klausmeyer, A. Aldous, C. Bienz, and S. Pearsall. 2010. Resource management in a changing climate. <i>Frontiers in Ecology and the Environment</i> 8:35-43.	x				
		Lawler, J. J., A. Ruesch, and J. D. Olden. In review. Projected faunal movement routes for a changing climate. <i>PLoS Biology</i> .				x	
		Lawler, J. J., B. Spencer, J. D. Olden, S.-H. Kim, C. Lowe, S. Bolton. B. M. Beamon, L. Thompson, and J. G. Voss. In review. Mitigation and adaptation strategies. In: R. Pielke, Sr., K. Suding, and T. Seastedt, Editors. <i>Climate Vulnerability, Volume 5, Ecosystem Function</i> . Elsevier, Oxford, UK.				x	
		Bancroft, B. A., C. B. Wilsey, and J. J. Lawler. A multi-scale ensemble model for predicting habitat suitability. <i>Ecography</i> .				x	

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Lawler (continued)		Wilsey, C. B., J. J. Lawler, J. A. Freund, R. Gwozdz, R. K. Haggmann, K. M. Hutton, P. A. Townsend, E. Maurer, D. McKenzie, and S. L. Shafer. In review. Modeling the ecological effects of climate change: a practical guide for ecologists. Journal of Fish and Wildlife Management.				x	
Layton	David	“Conservation Values in Marine Ecosystem-Based Management”, J.Sanchirico, D. Lew, A. Haynie, and D. Kling, Marine Policy 38, 2012, pp. 523-530.	x				
		“Where Is My Bus? Impact Of Mobile Real-Time Information On The Perceived And Actual Wait Time Of Transit Riders”, with K. Watkins, B. Ferris, A. Borning, G.S. Rutherford. Transportation Research Part A, 45, 2011, pp. 839-848.	x				
		“Valuing Enhancements to Endangered Species Protection under Alternative Baseline Futures: The Case of the Steller Sea Lion”, with D.K. Lew and R.D. Rowe. Marine Resource Economics, 25(2), 2010, pp. 133-154.	x				
		“Parameter Transfer of Common-Metric Attributes in Choice Analysis and Cognitive Rationalisation: Implications for Willingness to Pay”, with D. Hensher. Transportation, 37(3), 2010, 473-490.	x				
		“An Expected Profit Model for Monetizing Fishing Location Choices”, with A. Haynie. Journal of Environmental Economics and Management, 59(2), 2010, pp. 165-176.	x				
		“Aggregation of Common-Metric Attributes in Preference Revelation in Choice Experiments and Implications for Willingness to Pay”, with David Hensher. Transportation Research D, 15(7), 2010, pp.394-404.	x				
Logsdon	Miles	Harris, Karin, G. Scott, M.G. Logsdon, T. Klinger, (2012), “ Spatial Pattern Analysis of Cruise Ship-Humpback Whale Interactions in and near Glacier bay National Park, Alaska”. Environmental Management. Jan,49(1), 44-54.	x				
		Lander, Michelle M. G. Logsdon, T. R. Loughlin, G. R. VanBlaricom . (2011), “Spatial Patterns and Scaling Behaviors of Stellar Sea Lion (Eumetopias jubatus) Distributions and Their Environment)”. Journal of Theoretical Biology. Apr. 7,274(1),74-83	x				
		Scullion, Jason, C.W. Thomas, K. Vogt, O. Perez-Maqueo, M. G. Logsdon, (2011) “Evaluating the Environmental Impact of Payments for Ecosystem Services: a Case Study of Coatepec, Mexico Using Remote Sensing and On-Site Interviews”. Environmental Conservation”. 38 (4), 426-434.	x				
		Lander, Michelle E., T. Loughlin, M. G. Logsdon, G. R. VanBlaricom, B. Fadely, B. Fadely. (2010), “Foraging effort of juvenile Steller sea Lions Eumetopias jubatus with respect to heterogeneity of sea surface temperature”. Endangered Species Research. Vol. 10, 145-158.	x				
		Laidre K.L., M.P. Heide-Jørgensen, M.G. Logsdon, L. Delwiche, T. G. Nielsen (2010) A whale of an opportunity: Examining the vertical structure of chlorophyll-a in high Arctic waters using instrumented marine predators, Marine Biology Research. 6:519-529.	x				
Manzo	Lynne	Manzo, L. C. and Devine-Wright, P. (forthcoming Aug 2013). Place Attachment: Advances in Theory, Methods and Applications. London: Routledge.		o			
		Kleit, R. and Manzo, L.C. (forthcoming 2013). The Immigrant Experience of Public Housing Redevelopment. Geography Research Forum (Special Issue on public housing scheduled for Volume 33)	o				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other	
Manzo (continued)		Manzo, L. C. (2013). 'We are the Fruit Bowl:' Place, Cultural Identity and Social Ties among Immigrant Residents in Public Housing." In J. Hou (ed.). <i>Transcultural Cities: Border Crossing and Placemaking</i> . New York: Routledge.				x		
		Manzo, L. C. (2011). "Exploring the Implicit Assumptions of the City: Reflections of an Environmental Psychologist.' In M. Itkonen and G. Backhaus (ed) <i>Hyperborean Wind: Reflections on Design and the City</i> .				x		
		Manzo, L. C. (2011). "Recognizing the Lived Experience of Place: Challenges to Genuine Participation in Redeveloping Public Housing Communities." In S. Sutton and S. Kemp (eds.). <i>The Paradox of Urban Space: Inequity and Transformation in Marginalized Communities</i> . NY: Palgrave MacMillan.					x	
		Manzo, L. C. Kleit, R.G., Dugdale, G. and Kreigh, J. (2013). <i>HOPE VI Redevelopment of Westpark Final Evaluation Report: Year IV</i> . Report Submitted to the Bremerton Housing Authority and the U.S. Department of Housing and Urban Development.						Report
		Kleit, R. G. and Manzo, L.C. (2012). <i>HOPE VI Redevelopment of Westpark Evaluation Report Year III</i> . Report Submitted to the Bremerton Housing Authority and the U.S. Department of Housing and Urban Development.						Report
		Kleit, R. G. Manzo, L. Cover, J. and C. Morgan-Cross. (2011). "HOPE VI Redevelopment of Westpark Evaluation Report: Year II." Report Submitted to the Bremerton Housing Authority and the U.S. Department of Housing and Urban Development.						Report
		Kleit, R. G. Manzo, L. Cover, J. and S. Danna. (2010). "HOPE VI Redevelopment of Westpark Evaluation Report: Year I." Report Submitted to the Bremerton Housing Authority and the U.S. Department of Housing and Urban Development.						Report
Marzluff	John	Clucas, B. and J. M. Marzluff. 2012. Attitudes and actions toward birds in urban areas: Human cultural differences influence bird behavior. <i>Auk</i> 129: 8-16.	x					
		Cornell, H.N., J.M. Marzluff, and S. Pecararo. 2012. Social learning spreads knowledge about dangerous humans among American crows. <i>Proceedings of the Royal Society</i> 279: 499-508.						Proceedings
		John M. Marzluff, Robert Miyaoka, Satoshi Minoshima, and Donna J. Cross. 2012. Brain imaging reveals neuronal circuitry underlying the crow's perception of human faces. <i>PNAS</i> 109 (39): 15912-15917. doi:10.1073/pnas.1206109109					x	
		Kertson, B.N., R.D. Spencer, J.M. Marzluff, J. Hepinstall-Cymerman, and C.E. Grue. 2011. Cougar space use and movements in the wildland-urban landscape of western Washington. <i>Ecological Applications</i> 21: 2866-2881.					x	
		Morrison, S.A., T.S. Sillett, C.K. Ghalambor, J.W. Fitzpatrick, D.M. Graber, V.J. Bakker, R. Bowman, C.T. Collins, P.W. Collins, K.S. Delaney, D.F. Doak, W. D. Koenig, L. Laughrin, A.A. Lieberman, J.M. Marzluff, M.D. Reynolds, J.M. Scott, J.A. Stallcup, W. Vickers, and W.M. Boyce. 2011. Proactive conservation management of North America's lone insular bird species, the Island Scrub-Jay. <i>BioScience</i> 61: 1013-1021.					x	
		Rowher, S., A. Vigianno, and J.M. Marzluff. 2011. Reciprocal tradeoffs between molt and breeding in Albatrosses. <i>The Condor</i> 113: 61-70.					x	
		Webb, W., J.M. Marzluff, and J. Hepinstall. 2011. Linking resource use with demography in a synanthropic population of common ravens. <i>Biological Conservation</i> 144: 2264-2273.					x	

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Marzluff (continued)		Webb, W., J.M. Marzluff, and K.J. Omland. 2011. Random interbreeding between cryptic lineages of the common raven: Evidence for apeciation in reverse? <i>Molecular Ecology</i> 20: 2390-2402.	x				
Miller	Donald	“Evaluating Environmental Justice in Planning – Two Approaches and Their Application.” Refereed paper for presentation at the ACSP/AESOP Joint Congress, Dublin, Ireland, July 2013.					presentation
		“A Template Methodology for Evaluating Recurrent Planning Decisions.” Paper prepared for the Planning Evaluation Workshop, University of Groningen, the Netherlands, December 2012.					presentation
		“Happiness as an Objective in Planning for Sustainable Urban Development.” Draft paper for UPE11, 2014.					presentation
		“Roles of Urban Planning in Contributing to Happiness – Factors and Cautions.” Keynote talk to Happiness 2012 Conference, Seattle University, Seattle, September, 2012.					presentation
		Editorial Review – Two book manuscripts, as Editor, Urban Planning and Environment book series, Ashgate Publishers, UK. In each case, wrote 8 – 10 page report.					Editorial Review
		Alternative Visions of the World City: Planning for Environmental, Social and Cultural Sustainability. Book co-edited with Nicole Gurran.				x	
		New Perspectives in Planning for Sustainable Urban Development. Book co-edited with Nicole Gurran.				x	
		A Comparison of Sustainability Indicator Programs in the Seattle/Puget Sound Area. Invited book chapter for new edition of <i>Environmental Indicators and Public Policy</i> .				x	
Montgomery	David	Montgomery, D. R., 2012, The Rocks Don't Lie: A Geologist Investigates Noah's Flood, W. W. Norton & Co.		x			
		Montgomery, D. R., The evolution of creationism, <i>GSA Today</i> , v. 22, no. 11, p. 4-9, November, 2012.	x				
		Huang, Y.-F., and Montgomery, D. R. , Fluvial response to rapid episodic erosion by earthquake and typhoons, Tachia River, central Taiwan, <i>Geomorphology</i> , v. 175-176, p. 126-138, 2012.	x				
		Montgomery, D. R. , Traces of the Great Flood, <i>Discover Magazine</i> , July/August, p. 42-46, 2012.					Magazine Article
		Mohr, C., Montgomery, D. R., Huber, A., Bronstert, A., and Iroumé, A. , Streamflow response in small upland catchments in the Chilean Coastal Range to the 8.8-M _w Maule earthquake on 27 February 2010, <i>Journal of Geophysical Research - Earth Surface</i> , v. 117, F02032, doi:10.1029/2011JF002138, 2012.	x				
		Montgomery, D. R. , Soil and Civilization: Time for a Greener Revolution, <i>Food Ethics</i> , v. 7, p. 4-6, 2012.	x				
		Collins, B. D., Montgomery, D. R., Fetherston, K., and Abbe, T. B. , The wood cycle in structuring forested floodplains in the Pacific Northwest, <i>Geomorphology</i> , v. 139-140, p. 460-470, 2012.	x				
		Montgomery, David R., Bandfield, Joshua L., and Becker, Scott K. , Periodic bedrock ridges on Mars, <i>Journal of Geophysical Research</i> , Vol. 117, 9 March 2012.	x				
		Montgomery, David R. Gravity Rules <i>Conservation Voices</i> , Winter, 2011.					editorial

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Montgomery (continued)		Schmidt, A. H., Montgomery, D. R., Huntington, K. W., and Liang, C., The question of Communist land degradation: New evidence from local erosion and basin-wide sediment yield in southwest China and southeast Tibet, <i>Annals of the Association of America Geographers</i> , v. 101, p. 1-20, 2011.	x				
		Montgomery, D. R., Soil and Civilization, <i>Bulletin of the European Land and Soil Alliance: Local Land Soil News</i> , v. 36/37, p. 8-9, 2011.	x				
		Gran, K. B., Montgomery, D. R., and Halbur, J. C., Long-term elevated post-eruption sedimentation at Mount Pinatubo, Philippines, <i>Geology</i> , v. 39, p. 367-370, 2011.	x				
		Collins, B. D., and Montgomery, D. R., The legacy of Pleistocene glaciation and the organization of lowland alluvial process domains in the Puget Sound region, <i>Geomorphology</i> , v. 126, p. 174-185, 2011.	x				
		Henck, A., Huntington, K., Stone, J. O., Montgomery, D. R., and Hallet, B., Spatial controls on erosion in the Three Rivers region, western China, <i>Earth and Planetary Science Letters</i> , v. 303, p. 71-83, doi:10.1016/j.epsl.2010.12.038, 2011.	x				
		Jackson, M.P.A., Adams, J.B., Dooley, T.P., Gillespie, A.R., Montgomery, D. R. Modeling the collapse of Hebes Chasma, Valles Marineris, Mars, <i>GSA Bulletin</i> , 10.1130/B30307.1;Data Repository item 2011021.	x				
		Mushkin, A., Gillespie, A. R., Montgomery, D. R., Schreiber, B. C., and Arvidson, R. E., Spectral constraints on the composition of low-albedo slope streaks in the Olympus Mons Aureole, <i>Geophysical Research Letters</i> , v. 37, L22201, doi:10.1029/2010GL044535, 2010.	x				
		Montgomery, D. R., and Korup, O., Preservation of inner gorges through Alpine glaciations, <i>Nature Geoscience</i> , v. 4, p. 62-67, 2010.	x				
		Freitag, B., and Montgomery, D. R., Dams, dikes, and dredging: Can we fix our rivers?, <i>News & Views (State Association of Floodplain Managers)</i> , v. 22, no. 3, p. 6-7, 2010.					Article
		Carvalho Júnior, O., Guimaraes, R. F., Figueiredo de Freitas, L., Gomes-Loebmann, D., Gomes, R. A., Martins, E., and Montgomery, D. R., Urbanization impacts upon catchment hydrology and gully development using multi-temporal digital elevation data analysis, <i>Earth Surface Processes and Landforms</i> , v. 35, p. 611-617, 2010.	x				
		Korup, O., Montgomery, D. R., and Hewitt, K., Contrasting styles of natural dams at the Tibetan Plateau margin in rivers draining the Himalayan syntaxes, <i>Proceedings of the National Academy of Sciences</i> , v. 107, p. 5317-5322, 2010.	x				
		Larsen, I. J., Montgomery, D. R., and Korup, O., Landslide erosion controlled by hillslope material, <i>Nature Geoscience</i> , v. 3, p. 247-251, 2010.	x				
		Shellberg, J. G., Bolton, S. M., and Montgomery, D. R., Hydrogeomorphic effects on bedload scour in bull char (<i>Salvelinus confluentus</i>) spawning habitat, Western Washington, USA, <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , v. 67, p. 626-640, 2010.	x				
		Henck, A. H., Montgomery, D. R., Huntington, K. W., and Liang, C., Monsoon control of effective discharge, Yunnan and Tibet, <i>Geology</i> , v. 38, p. 975-978, 2010.	x				
		Wiedmer, M., Montgomery, D. R., Gillespie, A. R., and Greenberg, H. M., Late Quaternary megafloods from Glacial Lake Atna, Southcentral Alaska, U.S.A., <i>Quaternary Research</i> , v. 73, p. 413-424, 2010.	x				
		David R. Montgomery Soil, <i>Nature</i> vol. 463, p. 31-32, 2010.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other		
Moskal	Monika	Zheng, G., L. M. Moskal and S-H. Kim, 2013. Retrieval of effective leaf area index in heterogeneous forests with terrestrial laser scanning , IEEE Transactions on Geoscience and Remote Sensing, 51(2): 777-786.	x						
		Gmur, S., D. Vogt, D. Zabowski, and L. M. Moskal, 2012. Hyperspectral Characterization of Soil Series, Nitrogen and Carbon, Sensor, 12(8):10639-10658.	x						
		Zheng, G. and L. M. Moskal, 2012. Computational Geometry-Based Retrieval of Effective Leaf Area Index Using Terrestrial Laser Scanning, IEEE Transactions on Geosciences and Remote Sensing, 50(10); 12p.	x						
		Zheng, G. and L. M. Moskal, 2012. Spatial variability of terrestrial laser scanning based leaf area index, International Journal of Applied Earth Observation and Geoinformation, 19, 226–237.	x						
		Zheng, G. and L.M. Moskal, 2012. Leaf Orientation Retrieval from Terrestrial Laser Scanning Data, IEEE Transactions on Geoscience and Remote Sensing, 50(10), 11p.	x						
		Vaughn, N., L. M. Moskal and E.C. Turnblom, 2012. Tree Species Detection Accuracy with Airborne Waveform Lidar, Special Issue on Laser Scanning in Forests, Remote Sensing, 4(2), 377-403.	x						
		Moskal, L. M. and G. Zheng, 2012. Retrieving Forest Inventory Variables with Terrestrial Laser Scanning (TLS) in Urban Heterogeneous Forest. Remote Sensing, 4(1), 1-20.	x						
		Moskal, L.M., D. M. Styers and M. Halabisky, 2011. Monitoring Urban Forest Canopies Using Object-Based Image Analysis and Public Domain Remotely Sensed Data. Remote Sensing Special Issue on Urban Remote Sensing, 3 (10); 2243-2262.	x						
		Richardson J. and L. M. Moskal, 2011. Strengths and Limitations of Assessing Forest Density and Spatial Configuration with Aerial LiDAR, Remote Sensing of Environment, 114(4), 725-737.	x						
		Halabisky, M.,L. M. Moskal and S. A. Hall, 2011. Object-Based Classification of Semi-Arid Wetlands, Journal of Applied Remote Sensing, 5(05351); p.13.	x						
		Vaughn N., L. M. Moskal and E. Turnblom, 2011. Fourier transformation of waveform LiDAR for species recognition, Remote Sensing Letters, 2(4); 347-356.	x						
		Erdody T. and L. M. Moskal, 2010. Fusion of LiDAR and Imagery for Estimating Forest Canopy Fuels, Remote Sensing of Environment, 114(4); 725-737.	x						
		Moudon	Anne Vernez	Moudon, Anne Vernez. (2010) Au delà de la cartographie : connaissance et pensée des formes métropolitaines. In C. Maumi, ed. Pour une poétique de détour, rencontre autour d'André Corboz.Paris : Editions de la Villette 2010 : 129-146	x				
				Moudon, Anne Vernez. (In press). Built environment: Exposure, Access, and Use. In XXX, Urban Dynamics and Nature: Planning and Designing with Nature in the City. National Technical University of Athens.				o	
de Montigny L, Moudon AV, Leigh BC, Young SY. Assessing a drop box programme: A spatial analysis of discarded needles. Int J Drug Policy. 2010 21 (3): 208-14.	x								
Moudon, AV. Real noise from the urban environment how ambient community noise affects health and what can be done about it. Am J Prev Med 2009 37(2):167-71.	x								
Lin, Lin, Moudon, AV. Objective versus subjective measures of the built environment, which are most effective in capturing associations with walking? Health & Place 2010 16(2):339-348.	x								

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Moudon (continued)		Hughes DC, Andrew A, Denning T, Hurvitz P, Lester J, Beresford S, Borriello, G, Bruemmer, B, Moudon, AV, Duncan, GE. Balance (bioengineering approaches for lifestyle activity and nutrition continuous engagement): Developing new technology for monitoring energy balance in real time. <i>J Diabetes Sci Technol</i> 2010;4(2):429-34.	x				
		Moudon, AV, L. Lin, J. Jiao, P. Hurvitz and P. Reeves. The Risk of Pedestrian Injury and Fatality in Collisions with Motor Vehicles, A Social Ecological Study of State Routes and City Streets in King County, Washington. <i>Accident and Analysis Prevention</i> , 2011, 43:11-24.	x				
		Moudon AV, D.W. Sohn, S. Kavage, J.E. Mabry. Transportation-efficient land use mapping index (TELUMI), a tool to assess multimodal transportation options in metropolitan regions. <i>International Journal of Sustainable Transportation</i> 2011 5 (2):11-133.	x				
		Poortinga W, Gebel K, Bauman A, Moudon AV (2011) Neighborhood Environment, Physical Activity and Obesity. In: Nriagu JO (ed.) <i>Encyclopedia of Environmental Health</i> , Burlington: Elsevier, 2011, 4: 44–53.					Encyclopedia
		de Montigny L, Moudon AV, Leigh BC, Kim SY. A spatial analysis of the physical and social environmental correlates of discarded needles. <i>Health Place</i> . 2011 17(3):757-66	x				
		Jiao, J. Moudon, A.V. and Drewnowski, A. (2011) Grocery shopping: How individuals and built environments influence travel mode choice. <i>Transportation Research Record</i> , 2230:85-95	x				
		Moudon, AV, Cook AJ, Ulmer J, Hurvitz PM, Drewnowski, A. A Neighborhood Wealth Metric for Use in Health Studies. <i>Am J Prev Med</i> . 2011, 41 (1):88-97	x				
		Drewnowski, A, Aggarwal A, Hurvitz PM, Monsivais P, Moudon AV. Obesity and supermarket access: proximity or price? <i>Am J Public Health</i> . 2012 102:e74-80.	x				
		Jiao, JF, Moudon AV, Ulmer J, Hurvitz PM, Drewnowski A. How to Identify Food Deserts: Measuring Physical and Economic Access to Supermarkets in King County, WA. <i>Am J Public Health</i> . 2012, 102(10):e32-9.	x				
		Hurvitz, PM, Moudon AV. Home vs. Non-home Neighborhood: Quantifying Differences in Exposure to the Built Environment. <i>Am J Prev Med</i> . 2012, 42(4):411-17. 11.	x				
		Rehm CD, Moudon AV, Hurvitz PM, Drewnowski A. Residential property values are associated with obesity among women in King County, WA, USA. <i>Soc Sci Med</i> . 2012, 75:491-495	x				
		Duncan, G. E., Dansie, E. J., Strachan, E., Munsell, M., Huang, R., Vernez Moudon, A., Goldberg, J., Buchwald, D. Genetic and environmental influences on residential location in the U.S. <i>Health & Place</i> . 2012,18(3):515-9.	x				
		Sohn, DW; Moudon, AV; Lee, J. The economic value of walkable neighborhoods. <i>Urban Design International</i> , 2012 17(2): 115-28.	x				
		Stewart, O, Moudon AV, Claybrooke, C. Common ground: Eight factors that influence walking and biking to school. <i>Transport Policy</i> , 2012, 24:240-48.	x				
		Perry CK, Herting GR, Berke EM, Nguyen HQ, Moudon AV, Beresford SA, Ockene JK, Manson JE, LaCroix AZ. Does neighborhood walkability moderate the effects of intrapersonal characteristics on amount of walking in post-menopausal women? <i>Health & Place</i> 2013 21:39–45	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Moudon (continued)		Kang B, Moudon AV, Hurvitz PM, Reichley L, Saelens BE. Walking objectively measured: Classifying accelerometer data with GPS and travel diaries. <i>Med Sci Sports Exerc.</i> 2013(1530-0315 (Electronic) PMID: 23439414	x				
		Moudon, AV, Drewnowski A, Duncan GE, Hurvitz PM, Saelens BE, Scharnhorst, E. Characterizing the food environment: pitfalls and future directions. <i>Public Health Nutrition</i> (in press)	o				
		Drewnowski A, Moudon AV, Jiao J, Aggarwal A, Charreire H, Chaix B. Food shopping behaviors and socioeconomic status influence obesity rates in Seattle and in Paris, <i>Int J Obesity</i> (in press)	o				
		UW News, "Food deserts' abound in King County for those without cars, http://www.washington.edu/news/2012/10/08/food-deserts-abound-in-king-county-for-those-without-cars-uw-study-shows/ October 8, 2012.					News
		Drewnowski A, Moudon AV. Bringing relief to food deserts in King County. <i>Seattle Times</i> , Op Ed. http://seattletimes.com/html/opinion/2019699347_moudondrewnowskiopedxml.html?syndication=rss , November 16, 2012.					News
Mugerauer	Bob	Scully J, Moudon AV. Grocery stores. <i>Urban Land</i> , (May/June) 2011:87-8					News
		"Layers: Biology, Building, Biography," a chapter in <i>Interpreting Nature: The Emerging Field of Environmental Hermeneutics</i> , edited by Forrest Clingerman, Martin Drenthen, Brian Treanor, and David Ulster. (New York: Fordham University Press, 2012).			x		
		"The Double-Gift: Place and Identity" a chapter in Iris Aravot, editor, <i>Back to the Things Themselves: Architectural Experience, Memory, and Thought</i> , editor (Haifa: Technion University Press, 2012).			x		
		Mugerauer, Robert. 2011. Hacia una teoría de ecología urbana integrada. <i>Geografía en Español – Traducciones</i> , N° 10: 1-15. [Texto original: Toward a theory of integrated urban ecology: Complementing Pickett et al. <i>Ecology and Society</i> , 15 (4): 31, 2010.] Online, acceso [insertar aquí la fecha de consulta en red]: http://www.geografiaenespanol.net/Mugerauer_GeE_10.pdf					Translation of previous peer reviewed article
		Mugerauer, Robert. 2010. Toward a theory of integrated urban ecology: Complementing Pickett et al. <i>Ecology and Society</i> , 15 (4): 31, 2010. Online at http://www.ecologyandsociety.org/vol15/iss4/art31 .	x				
		Mugerauer, Robert. 2013. Sloterdijk's Bubbles and Heidegger's Dwelling. <i>Space Thresholds: Design in a Digital Age</i>				x	Essay in Journal
		Mugerauer, Robert. 2012. Northern Lights: Embodied Perception and Enacted Vision. <i>Hyperborean Wind: Design and the City</i> , Matti Ikonen and G. Backhaus, eds.			x		
		Mugerauer, Robert. 2012. The City: A Legacy of Organism-Environment Interaction at Every Scale. In I. Stefanovic & S. Scharper, eds., <i>The Natural City: Revisioning the Built Environment</i> (Toronto: University of Toronto Press, 2011), pp. 257-294.			x		
		Mugerauer, Robert. "Anatomy of life and well-being: A framework for the contributions of phenomenology and complexity theory." <i>International Journal of Qualitative Studies on Health and Well-being</i> 5.2 (2010). <5:5097- DOI: 10.3402/qhw.v5i2.5097>.	x				
		"Insinuating a Better Way of Life: Making Do in the Everyday Spaces of Buenos Aires". Traditional Dwellings & Settlements Working Paper Series, IASTE, UC-Berkeley, Fall, 2010					Working Paper

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Mugerauer (continued)		Mugerauer, Robert. "Toward an architectural vocabulary: The porch as a between." <i>Dwelling, seeing, and designing: Toward a phenomenological ecology</i> (1993): 103-128. Reprinted in <i>The Domestic Space Reader</i> , ed. By Kathy Mezei & Chiara Briganti, U Toronto.					Reprint
		Mugerauer, Robert. 2013. <i>Urban Ecology: Biology and Borders in Philosophical Anthropology</i> . International Plessner Society, Cambridge Scholars Publishing. Forthcoming			o		Essay in Book
		Mugerauer, Robert. 2013. <i>Bi-directional boundaries: Eccentric life and its environments</i> . International Plessner Society. Forthcoming.			o		Chapter in Book
		Mugerauer, Robert. 2013. <i>Maturana and Varela's Autopoiesis and Complexity Theory</i> . Traditions of Systems Theory, D. Arnold, ed. Routledge. Forthcoming			o		
		Mugerauer, Robert. 2013. <i>When the Given is Gone: From Heidegger's Black Forest to Wim Wenders' Berlin</i> . Political Between/ Media/Image/Writing ed. By T. Hennings. Forthcoming.					Mixed Media
		Mugerauer, Robert. 2013. <i>The Double Gift: Place and Identity</i> . I. Aravot, ed., <i>Back to Things themselves: Architecture- Memory</i> . Forthcoming.			o		
		Mugerauer, Robert. 2013. <i>Anthropotechnology: Sloterdijk on Environmental Design & the Foam Worlds of Co-isolation</i> . Submitted to Thresholds.				x	Submitted
		Liao, K-H and Mugerauer, Robert. 2013. <i>Design with Complexity: The Emerging Paradigm Shift for Ecological Design</i> . Submitted to Journal of Landscape Architecture.				x	Submitted
		Mugerauer, Robert. 2013. <i>Responding to Loss: Heideggerian Readings of Literature, Architecture, and Film</i> . Submitted to Fordham University Press.				x	Submitted
Nyerges	Tim	T. Nyerges, M. Roderick, and M. Avraam 2013. <i>CyberGIS Designs of Structured Participation for Collaborative Problem Solving</i> , International Journal for Geographical Information Science, in press for special issue on CyberGIS.	o				
		S. Wang, L. Anselin, B. Bhaduri, M. Goodchild, Y. Liu, T. Nyerges, N. Wilkins-Diehr 2012. <i>CyberGIS Software: A Synthetic Review and Integration Roadmap</i> , International Journal for Geographical Information Science, in press for special issue on CyberGIS.	o				
		S. Wang, N. R. Wilkins-Diehr, T. Nyerges, 2012. <i>Community Activity: Workshop Report</i> , CyberGIS – Toward synergistic advancement of cyberinfrastructure and GIScience: A workshop summary, Journal of Spatial Information Science, http://josis.org/index.php/josis/article/viewFile/83/67 .	x				
		R. Aguirre and T. Nyerges, 2011. <i>Geovisual Evaluation of Public Participation in Decision Making: The 4D Grapevine Technique</i> , Journal of Visual Languages, 22(4):305-321.	x				
		T. Nyerges and R. Aguirre, 2011. <i>Public Participation in Analytic-Deliberative Decision Making: Evaluating a Large-Group Online Field Experiment</i> , Annals of Association of American Geographers, 101(3):561-586.	x				
		T. Nyerges, K. Belpaeme, T. Haddad, and D. Hart, <i>Creating a Usable Atlas</i> , in Wright, D.J., Dwyer, E., and Cummins, V. (eds.), 2010. <i>Coastal Informatics: Web Atlas Design and Implementation</i> , IGI Publishers, pp. 256-266.			x		
		M. Roderick, T. Nyerges and M. Avraam 2013. <i>CyberGIS Implementation Considerations for Structured Participation Methods in Collaborative Problem Solving</i> , in S. Wang and M. Goodchild (eds.) <i>CyberGIS: Fostering a New Wave of Geospatial Discovery and Innovation</i> , Springer, New York. submitted.				x	

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other	
Nyerges (continued)		T. Nyerges, H. Couclelis, R. McMaster (eds.), 2011. Handbook of GIS & Society , SAGE Publications, London. 27 chapters.		x				
		T. Nyerges and Piotr Jankowski, 2010. Regional and Urban GIS: A Decision Support Approach , Guilford Publications, New York, textbook 14 chapters.		x			Textbook	
		T. Nyerges, R. McMaster, and H. Couclelis, 2011. Geographic Information Systems and Society: A Twenty Year Research Perspective, T. Nyerges, H. Couclelis, R. McMaster (eds.), Handbook of GIS and Society , Sage:London, pp. 1-21.				x		
		M. Armstrong, T. Nyerges, S. Wang, D. Wright, 2011. Connecting Geospatial Information to Society through Cyberinfrastructure, in T. Nyerges, H. Couclelis, R. McMaster, (eds.) Handbook of GIS and Society , Sage: London, pp. 109- 122.				x		
		H. Couclelis, T. Nyerges, and R. McMaster. 2011. GIS and Society Research: Reflections and Emerging Themes, T. Nyerges, H. Couclelis, R. McMaster (eds.), Handbook of GIS and Society , pp. 531-541.				x		
		D. Cowen, T. Nyerges, J. Johnston, R. Austin, and M. Reichardt, 2012. Innovative Strategies for Geospatial Programs and Partnerships, National Geospatial Advisory Committee, Subcommittee on Innovative Strategies for Geospatial Programs and Partnerships. http://www.fgdc.gov/ngac/meetings/april-2012/ngac-innovative-strategies-paper-final-apr-2012.pdf						Report
		T. Nyerges and S. Ahearn, 2012, Geospatial Extension Program: Placed-based Geospatial Foundations, University Consortium for Geographic Information Science, final report submitted to Department of Homeland Security, Washington, DC.						Report
Prakash	Vikram	Vikramaditya Prakash and Chetna Purnami An Architectural Guide to Chandigarh (manuscript preparation in progress, anticipated publication Summer 2013) Letters of interest from: University of Hong Kong Press, Hong Kong and Mapin Publishing, Ahmedabad, India				x		
		2014 Vikramaditya Prakash, A New History of the Architecture of India (manuscript preparation in progress, anticipated publication Summer 2011) Letters of interest from: Routledge Publishing, London and Mapin Publishing, Ahmedabad, India				x		
		2013 Vikramaditya Prakash The Art and Architecture of Aditya Prakash under contract with Mapin Publishing Pvt. Ltd, Ahmedabad, India; anticipated publication December 2013)				x		Contracted
		2013 Vikramaditya Prakash, Chandigarh: The Modernist City in the Neoliberal World under contract with Routledge Publications, UK, (anticipated publication summer 2013.)				x		Contracted
		2012 Vikramaditya Prakash Modernism in India: The Architecture of Shivdatt Sharma Mapin Publishing Pvt. Ltd, Ahmedabad, India, July 2012)			x			Indian Publication
		2011 Frank Ching, Mark Jarzombek, Vikramaditya Prakash, A Global History of Architecture (John Wiley and Sons, Inc., New York; December 2010) Second edition. 2012 Vikramaditya Prakash, Executive Editor Globalization and the Modernist City: The Projects (Chandigarh Urban Lab, Seattle and Chandigarh, 2012)						

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other	
Prakash (continued)		2011 Vikramaditya Prakash, Executive Editor Globalization and the Modernist City: The Chandigarh Experience (The University of Washington India Program, March 2011)					Documentati on of researcy by the Chandigarh Urban Lab	
		TBD Vikramaditya Prakash "Messy Modernism: The (rural) Poor in the Chandigarh Vision" in Messy Urbanism edited by Jeffrey Hou and Manish Chalana, Publisher TBD.					x	
		2013 Vikramaditya Prakash "De-ruralization: Chandigarh Modernism and the neotiation between the 'manmade' and 'natural'." in Artes:Human Settlements and Development edited by Nandan Balsavar, inaugural issue of journal published from Chennai, India.	x					
		2013 Vikramaditya Prakash "Metro" in Keywords in Modern Indian Studies edited by Monika Kirloskar-Steinbach, Oxford University Press, UK.					x	
		2013 Vikramaditya Prakash "Review of Swati Chattopadhyay. Representing Calcutta: Modernity, Nationalism, and the Colonial Uncanny and William J. Glover, Making Lahore Modern: Constructing and Imagining a Colonial City forthcoming in JSAH: Journal of the Society of Architectural Historians (Summer 2013)	o					
		2012 Vikramaditya Prakash, "An Architecture Biennale at Chandigarh" Domus India Mumbai and Milan (March 2012)						
		2010 Vikramaditya Prakash "Third World Modernism or Just Modernism?" in Third World Modernism edited by Duanfang Lu, Routledge, London (Spring 2010)	x					
		2010 Vikramaditya Prakash "Engaging Asia: The Ear of the Other" JAE Journal of Architectural Education (March 2010, pp.78)	x					
		2012 Vikramaditya Prakash, Section Editor "Architectural Theory: A Global Perspective" in Architectural Theory: A Global Perspective, Volume One and Volume Two Nnamdi Elleh, Editor, Princeton Architectural Press, NJ						Section Editor
		2011 Vikramaditya Prakash, Series Editor, Modernism in India book series being published by Mapin Publishing Pvt. Ltd., Ahmedabad, India.						Series Editor
		2013 Purcell, M. "A New Land: Deleuze and Guattari and Planning," <i>Planning Theory and Practice</i> 13(1): 2038.	x					
		2013 <i>The DownDeep Delight of Democracy</i> . In the <i>Antipode</i> Book Series at WileyBlackwell, Rachel Pain, editor.					x	
		2014 (invite) Purcell, M. Possible Worlds: Henri Lefebvre and the Right to the City. Forthcoming in Journal of Urban Affairs.	o					
2013. (invited) Purcell, M. To Inhabit Well: Counter-hegemonic movements and the right to the city. Forthcoming in Urban Geography.	o							
2013. Purcell, M. A New Land: Deleuze and Guattari and Planning. <i>Planning Theory and Practice</i> , 13(1): 20:38.	x							
2012 (invited) Purcell, M. Gramsci Is Not Dead: For a 'Both/And' Approach to Radical Geography. <i>ACME: An International Journal for Critical Geographies</i> 11(3).	x							
2011. (Invited) Purcell, M. The Right to the City and Contemporary Urban Movements, for Les Cahiers de la Cambre, n° 11. Editors: Ilaria Boniburini (University of Florence), Luisa Moretto (Institut Supérieur d'Architecture La Cambre), Harry Smith (HeriotWatt University) and Judith Le Maire (Institut Supérieur d'Architecture La Cambre).						x		

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Purcell (continued)		2012 (invited) Purcell, M. Insistent democracy: neoliberal governance and popular movements in Seattle. In M.P. Smith and M. McQuarrie, Eds. <i>Remaking urban citizenship: organizations, institutions, and the right to the city</i> , New Brunswick: Transactions Publishers, pp. 173-190.				x	
		2012 (invited) Riscoprire Lefebvre: Il Diritto alla Città e la Politica Urbana dell'Abitante. In V. Bindi and S. Susanna, Eds. <i>Babel2: Diritto alla Città</i> Rome: Fortepressa, pp. 5783. [Italian translation of "Excavating Lefebvre: the right to the city and its urban politics of the inhabitant."]					Translation
		2011 Purcell, M. Neoliberalization and Democracy. In S. Fainstein and S. Campbell, Eds. <i>Readings in Urban Theory</i> . WileyBlackwell, pp. 4254.					Republication
		2013 Review of <i>Henri Lefebvre: Spatial Politics, Everyday Life, and the Right to the City</i> by Chris Butler. In <i>Environment and Planning D: Society and Space</i> .					Review
		2013 (invited) Review of <i>Seeking Spatial Justice</i> , by Edward Soja. In <i>Human Geography</i> .					Review
		2012 (invited) Schools of our own. Part of a Symposium on the 'Communist Manifesto for Fuller Geographies: Towards Mutual Security' by the Participatory Geographies Research Group of the Royal Geographical Society and Institute of British Geographers, published on <i>AntipodeFoundation.org</i> , October 15.					Symposium
		2012 (invited) Review of <i>State, Space, World</i> , by Henri Lefebvre, edited by Neil Brenner and Stuart Elden. For <i>Social and Cultural Geography</i> .					Review
		2011 (invited) Purcell, M. Review of <i>Welcome to the Urban Revolution: How Cities are Changing the World</i> , by Jeb Brugmann. In press as part of a review symposium in <i>Dialogues in Human Geography</i> , Ugo Rossi, Book Review editor.					Review/ Symposium
		In Press (invited) Purcell, M. "The Right to the City: The Struggle for Democracy in the Urban Public Realm," under review for a special issue of <i>Policy and Politics</i> edited by David Sweeting and Gary Bridge.				x	
		Under review (invited) Revolutionary connections: Rancière, Deleuze & Guattari, and political movements. In preparation for special issue on Jacques Rancière in <i>Space & Polity</i> , Nicholas Dahmann, guest editor.				x	
		In Press (invited) "The Right to the City." <i>International Encyclopedia of Social and Behavioral Sciences</i> , second edition, London: Elsevier, Fulong Wu, section editor.				o	
		Submitted (invited) Purcell, M. "Equality at the Beginning: Ranciere and Democracy Today" chapter in preparation for <i>Cities and Inequalities in a Global and Transnational World</i> , edited by Faranak Miraftab, Ken Salo and David Wilson, Taylor & Francis.				x	
		2010 (invited) Born, B. and M. Purcell Avoiding the local trap: Scale and Food Systems Research. In D. Gimlin and D. Inglis, eds. <i>The Globalization of Food</i> . New York: Berg.					Reprint of widely cited 2006 article
		2012 (invited) Purcell, M. Frankenstein is dead, a response to Richard Day. <i>ACME: An International Journal for Critical Geographies</i> 11(3).					Response
		2011 (invited) Purcell, M. The Right to the City and Contemporary Urban Movements, for Cahier de la Cambre no. 11. I. Boniburini, L. Moretto, H. Smith, and J. Le Maire, eds. Project funded by the Belgian National Fund for Scientific Research and by the Institut Supérieur d'Architecture La Cambre.	x				
		2011 Review of <i>Seeking Spatial Justice</i> , by Edward Soja. <i>Annals of the Association of American Geographers</i> 101(3).					Review

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Purcell (continued)		Tyman, S. and M. Purcell, "Cultivating Food as a Right to the City," manuscript in preparation for a special issue of Urban Studies on political gardening and city planning edited by Chiara Certomà and Chiara Tornaghi.				x	
Ryan	Clare	Asah, S.T., D.J. Blahna, C.M. Ryan. 2012. Involving Forest Communities in Identifying and Constructing Ecosystem Services: Millennium Assessment and Place Specificity. <i>Journal of Forestry</i> . April/May 2012:149-156.	x				
		Lipsky, R.S. and C.M. Ryan. 2011. Nearshore restoration in Puget Sound: Understanding stakeholder values and potential coalitions. <i>Coastal Management</i> 39(6): 577-597.	x				
		Ryan, C.M. 2011. Raising the bar for environmental literacy in graduate education. <i>Northwest Science</i> 85(4): 575-576.	x				
		Ryan, C.M. 2011. What every resource manager should know about collaboration. <i>Western Forester</i> 56(3): 1-3.	x				
		Ryan, C.M. and L.K. Cerveny. 2011. Wildland fire science for management: Federal fire manager information needs, sources and uses. <i>Western Journal of Applied Forestry</i> 26(3): 126-132.	x				
		Ryan, C. M. and L.K. Cerveny. 2010. Science exchange in an era of diminished agency capacity: Recreation management in the U.S. Forest Service. <i>American Review of Public Administration</i> 40(5):593-616.	x				
Saelens	Brian	Millstein, R.A., Cain, K.L., Sallis, J.F., Conway, T.L., Geremia, C., Frank, L.D., Chapman, J., Van Dyck, D., Amberg, L., Kerr, J., Glanz, K., & Saelens, B.E. (in press). Development, scoring, and reliability of the Microscale Audit of Pedestrian Streetscapes (MAPS). <i>BMC Public Health</i> .	o				
		Kneeshaw-Price, S.H.*, Saelens, B.E., Sallis, J.F., Glanz, K., Frank, L.D., Kerr, J., Hannon, P.A., Grembowski, D.E., Chan, K.C.G., & Cain, K.L. (in press). Children's objective physical activity by location: why the neighborhood matters. <i>Pediatric Exercise Science</i> .	o				
		Vernez Moudon, A., Drewnowski, A., Duncan, G.E., Hurvitz, P.M., Saelens, B.E., & Scharnhorst, E. (in press). Characterizing the food environment: Pitfalls and future directions. <i>Public Health Nutrition</i> .	o				
		Krieger, J., Chan, N., Saelens, B., Ta, M., Solet, D., Fleming, D. (in press). Impact of a menu labeling regulation on caloric content of foods and beverages purchased at chain restaurants. <i>American Journal of Preventive Medicine</i> .	o				
		Kerr, J., Sallis, J.F., Owen, N., De Bourdeaudhuij, I., Cerin, E., Frank, L., Reis, R., Sarmiento, O., Fromel, K., Mitáš, J., Troelsen, J., MacFarlane, D., Salvo, D., Schofield, G., Badland, H., Guillen-Grima, F., Sundquist, K., Davey, R., Bauman, A., Saelens, B., Riddoch, C., Ainsworth, B., Pratt, M., Schmidt, T., Adams, M., Conway, T., Cain, K., Van Dyck, D., Bracy, N. (in press). Advancing science and policy through a coordinated International Study of Physical Activity and Built Environments: IPEN Methods. <i>Journal of Physical Activity and Health</i> .	o				
		Marinescu, L.G., Sharify, D., Krieger, J., Saelens, B.E., Calleja, J., & Aden, A. (2013). Be Active Together: Supporting physical activity in public housing communities through women-only programs. <i>Progress in Community Health Partnerships: Research, Education, and Action</i> , 7, 57-66.	x				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Saelens (continued)		Theim, K.R., Sinton, M.M., Goldschmidt, A.B., Van Buren, D.J., Celio Doyle, A., Saelens, B.E., Stein, R.I., Epstein, L.H., Wilfley, D.E. (2013). Adherence to behavioral targets and treatment attendance during a pediatric weight control trial. <i>Obesity</i> , 21, 394-397. Epub ahead of print April 19, 2012.	x				
		Tappe, K.A., Glanz, K., Sallis, J.F., Zhou, C., & Saelens, B.E. (2013). Children's physical activity and parents' perception of the neighborhood environment: Neighborhood Impact on Kids study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 10:39. DOI: 10.1186/1479-5868-10-39; URL: http://www.ijbnpa.org/content/10/1/39 .	x				
		Sathyanarayana, S., Alcedo, G., Saelens, B.E., Zhou, C., Dills, R.L., Yu, J., & Lanphear, B. (2013). Unexpected results in a randomized dietary trial to reduce phthalate and bisphenol A exposures. <i>Journal of Exposure Science and Environmental Epidemiology</i> , Epub ahead of print February 27, 2013.	x				
		Kang, B.*, Moudon, A.V., Hurvitz, P.M., Reichley, L., & Saelens, B.E. (2013). Walking objectively measured: Classifying accelerometer data with GPS & travel diaries. <i>Medicine and Science in Sports and Exercise</i> . Epub ahead of print February 22, 2013.	x				
		Boles, R.E., Scharf, C., Filigno, S.S., Saelens, B.E., & Stark, L.J. (2013). Differences in home food and activity environments between obese and healthy weight preschool children. <i>Journal of Nutrition Education and Behavior</i> . Epub ahead of print February 1, 2013.	x				
		Grow, H.M.G.*, Hsu, C., Liu, L.L., Briner, L., Jessen-Fiddick, T., Lozano, P., Saelens, B.E. (2013). Understanding family motivation and barriers to participation in community-based programs for overweight youth: One program model does not fit all. <i>Journal of Public Health Management and Practice</i> . Epub ahead of print January 16, 2013.	x				
		Tandon, P.S.*, Saelens, B.E., Zhou, C., Kerr, J., Christakis, D.A. (2013). Light sensors and GPS to differentiate indoor vs. outdoor physical activity in preschoolers at child care. <i>American Journal of Preventive Medicine</i> , 44, 85-88.	x				
		Van Dyck, D., Cerin, E., Conway, T.L., De Bourdeaudhuij, I., Owen, N., Kerr, J., Cardon, G., Frank, L.D., Saelens, B.E., Sallis, J.F. (2013). Perceived neighborhood environmental attributes associated with adults' leisure-time physical activity: Findings from Belgium, Australia, and the USA. <i>Health & Place</i> , 19, 59-68. Epub ahead of print November 7, 2012.	x				
		Ding, D., Sallis, J.F., Conway, T.L., Saelens, B.E., Frank, L.D., Cain, K.L., Slymen, D.J. (2012). Interactive effects of built environment and psychosocial attributes on physical activity: A test of ecological models. <i>Annals of Behavioral Medicine</i> , 44, 365-374.	x				
		Saelens, B.E., Chan, N.L., Krieger, J., Nelson, Y., Boles, M., Colburn, T.A., Glanz, K., Ta, M.L., Bruemmer, B. (2012). Nutrition labeling regulation impacts on restaurant environments. <i>American Journal of Preventive Medicine</i> , 43, 505-511.	x				
		Candelaria, J.I., Sallis, J.F., Saelens, B.E., Frank, L.D., Conway, T.L., Slymen, D.J., Cain, K.L., Chapman, J.E. (2012). Differences in physical activity among adults in households with and without children. <i>Journal of Physical Activity and Health</i> , 9, 985-995.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Saelens (continued)		Best, J.R., Theim, K.R., Gredysa, D.M., Stein, R.I., Welch, R.R., Saelens, B.E., Perri, M.G., Schechtman, K.B., Epstein, L.H. (2012). Behavioral economic predictors of overweight children's weight loss. <i>Journal of Consulting and Clinical Psychology</i> , 80, 1086-1096.	x				
		Epstein, L.H., Raja, S., Oluyomi, T., Paluch, R.A., Wilfley, D.E., Saelens, B.E., & Roemmich, J.N. (2012). The built environment moderates effects of effects of family-based childhood obesity treatment over two years. <i>Annals of Behavioral Medicine</i> , 44, 248-258.	x				
		Bruemmer, B., Krieger, J., Saelens, B., Chan, N., Solet, D. (2012). An audit of calories, saturated fat and sodium in entrees at quick service and sit-down chains after restaurant menu labeling regulation in King County, Washington. <i>Journal of the Academy of Nutrition and Dietetics</i> , 112, 1169-1176.	x				
		Kerr, J., Sallis, J.F., Saelens, B.E., Cain, K., Conway, T.L., Frank, L.D., & King, A.C. (2012). Outdoor physical activity and self rated health in older adults living in two regions of the U.S. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 9, 89.	x				
		Tandon, P.S.*, Zhou, C., Sallis, J.F., Cain, K.L., Frank, L.D., & Saelens, B.E. (2012). Home environment relationships with physical activity, sedentary time, and screen time by socioeconomic status. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 9, 88.	x				
		Van Dyck, D., Cerin, E., Conway, T.L., De Bourdeaudhuij, I., Owen, N., Kerr, J., Cardon, G., Frank, L.D., Saelens, B.E., Sallis, J.F. (2012). Perceived neighborhood environmental attributes associated with adults' transport-related walking and cycling: Findings from the USA, Australia and Belgium. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 9, 70.	x				
		Kerr, J., Frank, L., Sallis, J.F., Saelens, B., Glanz, K. Predictors of trips to food destinations. (2012). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 9, 58.	x				
		Kozo, J., Sallis, J.F., Conway, T.L., Kerr, J., Cain, K., Saelens, B.E., Frank, L.D., and Owen, N. (2012). Sedentary behaviors of adults in relation to neighborhood walkability and income. <i>Health Psychology</i> , 31, 704-713.	x				
		Adams, M.A., Sallis, J.F., Conway, T.L., Frank, L.D., Saelens, B.E., Kerr, J., Cain, K.L., King, A.C. (2012). Neighborhood environment profiles for physical activity among older adults. <i>American Journal of Health Behavior</i> , 36, 757-769. doi: 10.5993/AJHB.36.6.4	x				
		Saelens, B.E., Sallis, J.F., Frank, L.D., Couch, S.C., Zhou, C., Colburn, T., Cain, K.L., Chapman J., & Glanz, K. (2012). Obesogenic neighborhood environments, child and parent obesity: The Neighborhood Impact on Kids (NIK) Study. <i>American Journal of Preventive Medicine</i> , 42, e57-e64. doi: 10.1016/j.amepre.2012.02.008.	x				
		Frank, L.D., Saelens, B.E., Chapman, J., Sallis, J.F., Kerr, J., Glanz, K., Couch, S.C., Learnihan, V., Zhou, C., Colburn, T., & Cain, K.L. (2012). Objective assessment of obesogenic environments in youth: Geographic information system methods and spatial findings from the Neighborhood Impact on Kids (NIK) Study. <i>American Journal of Preventive Medicine</i> , 42, e47-e55. doi: 10.1016/j.amepre.2012.02.006.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Saelens (continued)		Saelens, B.E., Sallis, J.F., Frank, L.D., Cain, K.L., Conway, T.L., Chapman, J.E., Slymen, D.J., Kerr, J. (2012). Neighborhood environment and psychosocial correlates of adults' physical activity. <i>Medicine and Science in Sports and Exercise</i> , 44, 637-646.	x				
		Kirk, S., Brehm, B. Saelens, B., Woo, J.G., Kissel, E., D'Alessio, D., Bolling, C., Daniels, S. (2012). Role of carbohydrate modification in weight management among obese children: A randomized clinical trial. <i>Journal of Pediatrics</i> , 161, 320-327.	x				
		Van Dyck, D., Cerin, E., Conway, T.L., De Bourdeaudhuij, I., Owen, N., Kerr, J., Cardon, G., Frank, L.D., Saelens, B.E., Sallis, J.F. (2012). Perceived neighborhood environmental attributes associated with adults' overall sitting and sitting during motorized transport: Findings from the USA, Australia and Belgium. <i>Social Science and Medicine</i> . 74, 1375-1384.	x				
		Hekler, E.B., Buman, M.P., Haskell, W.L., Conway, T.L., Cain, K.L., Sallis, J.F., Saelens, B.E., Frank, L.D., Kerr, J., & King, A.C. (2012). Validity of CHAMPS sedentary to vigorous physical activity in older adults. <i>Journal of Physical Activity and Health</i> , 9, 225-236.	x				
		Sallis, J.F., Floyd, M.F., Rodriguez, D., Saelens, B.E. (2012). The role of built environments in physical activity, obesity, and CVD. <i>Circulation</i> , 125, 729-737.	x				
		Copeland, K.A. *, Kendeigh, C.A., Saelens, B.E., Kalkwarf, H.J., & Sherman, S.N. (2012). Physical activity in child care centers: Do teachers hold the key to the playground? <i>Health Education Research</i> , 27, 81-100.	x				
		Sinton, M.M., Goldschmidt, A.B., Aspen, V., Theim, K.R., Stein, R.I., Saelens, B.E., Epstein, L.H., & Wilfley, D.E. (2012). Psychosocial correlates of shape and weight concerns in overweight pre-adolescents. <i>Journal of Youth and Adolescence</i> , 41, 67-75.	x				
		Ding, D., Bracy, N., Sallis, J. F., Saelens, B., Norman, G.J., Harris, S.K., Durant, N., Rosenberg, D., Kerr, J., (2012). Is fear of strangers related to physical activity among youth? <i>American Journal of Health Promotion</i> , 26, 189-195.	x				
		Copeland, K.A. *, Sherman, S., Kendeigh, C., Kalkwarf, H., Saelens, B.E. (2012). Societal values and policies may curtail preschool children's physical activity in child-care centers. <i>Pediatrics</i> . 129, 265-274.	x				
		Otten, J.J., Hekler, E.B., Krukowski, R.A., Buman, M.P., Saelens, B.E., Gardner, C.D., King, A.C. (2012). Food marketing to children through toys: Response of fast food restaurants to the first U.S. toy ordinance. <i>American Journal of Preventive Medicine</i> , 42, 56-60.	x				
		Theim, K. R., Sinton, M. M., Stein, R. I., Saelens, B. E., Thekkedam, S. C., Welch, R.R., Epstein, L. H., & Wilfley, D. E. (2012). Preadolescents' and parents' dietary coping efficacy during behavioral family-based weight control treatment. <i>Journal of Youth and Adolescence</i> , 41, 86-97.	x				
		Carlson, J.A., Sallis, J.F., Conway, T.L., Saelens, B.E., Frank, L.D., Kerr, J., Cain, K., & King, A.C. (2012). Interactions between psychosocial and built environment factors in explaining older adults' physical activity. <i>Preventive Medicine</i> , 54, 68-73.	x				
		Perry, C.K. *, Saelens, B.E., Thompson, B. (2011). Intrapersonal, behavioral, and environmental factors associated with meeting recommended physical activity among rural Latino youth. <i>Pediatric Exercise Science</i> , 23, 521-536.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Saelens (continued)		Millstein, R.A., Strobel, J., Kerr, J., Sallis, J.F., Norman, G.J., Durant, N., Harris, S., Saelens, B. (2011). Home, school, and neighborhood environmental factors and youth physical activity. <i>Pediatric Exercise Science</i> , 23,487-503.	x				
		Jilcott, S.B., Moore, J.B., Wall-Bassett, E., Liu, H., & Saelens, B.E. (2011). Association between travel times and distances, perceived stress, food procurement practices, and body mass index among female Supplemental Nutrition Assistance Program (SNAP) participants in eastern North Carolina. <i>Journal of Nutrition Education and Behavior</i> , 43, 385-389.	x				
		Tandon, P.S.*, Zhou, C., Chan, N., Lozano, P., Couch, S.C., Glanz, K., Krieger, J., Saelens, B.E. (2011). The impact of menu labeling on fast food purchases for children and parents – Results of a natural experiment. <i>American Journal of Preventive Medicine</i> , 41, 434-438.	x				
		King, A.C., Sallis, J.F., Frank, L.D., Saelens, B.E., Cain, K., Conway, T.L., Chapman, J.E., Ahn, D.K., Kerr, J. (2011). Aging in neighborhoods differing in walkability and income: Associations with physical activity and obesity in older adults. <i>Social Science and Medicine</i> . 73, 1525-1533.	x				
		Sallis, J.F., Slymen, D.J., Conway, T.L., Frank, L.D., Saelens, B.E., Cain, K. Chapman, J.E. (2011). Income disparities in perceived neighborhood built and social environment attributes. <i>Health & Place</i> , 17, 1274-1283.	x				
		Kerr, J., Carlson, J.A., Sallis, J.F., Rosenberg, D., Leak, C.R., Saelens, B.E., Chapman, J.E., Frank, L.D., & King, A.C. (2011). Assessing health-related resources in senior living residences. <i>Journal of Aging Studies</i> , 25, 206-214.	x				
		Ding, D., Sallis, J.F., Norman, G.J., Saelens, B.E., Harris, S.K., Kerr, J., Rosenberg, D., Durant, N., & Glanz, K. (2011). Community food environment, home food environment and fruit and vegetable intake of children and adolescents. <i>Journal of Nutrition Education and Behavior</i> .	x				
		Goldschmidt, A.B., Stein, R.I., Saelens, B.E., Theim, K.R., Epstein, L.H., Wilfley, D.E. (2011). Importance of early weight change in a pediatric weight management trial. <i>Pediatrics</i> , 128, e33-e39.	x				
		Perry, C.K.*, Saelens, B.E., Thompson, B. (2011) Rural Latino youth park use: Characteristics, park amenities, and physical activity. <i>Journal of Community Health</i> , 36, 389-397.	x				
		Adams, M.A., Sallis, J.F., Kerr, J., Conway, T., Saelens, B.E., Frank, L.D., Norman, G.J., & Cain, K. (2011). Neighborhood environment profiles related to physical activity and weight status: A latent profile analysis. <i>Preventive Medicine</i> , 52, 326-331.	x				
		Ramirez, E., Norman, G.J., Rosenberg, D.E., Kerr, J., Saelens, B.E., Durant, N., & Sallis, J.F. (2011). Adolescent screen time and rules to limit screen time in the home. <i>Journal of Adolescent Health</i> , 48, 379-385.	x				
		Crespo, N.C., Sallis, J.F., Conway, T.L., Saelens, B.E., Frank, L.D. (2011). Worksite physical activity policies and environments and employee activity levels. <i>American Journal of Health Promotion</i> , 25, 264-271.	x				
		Saelens, B.E., Grow, H.M., Stark, L.J., Seeley, R.J., Roehrig, H. (2011). Efficacy of increasing physical activity to reduce children's visceral fat: A pilot randomized controlled trial. <i>International Journal of Pediatric Obesity</i> , 6, 102-112.	x				

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Saelens (continued)		Cerin, E., Frank, L.D., Sallis, J.F., Saelens, B.E., Conway, T.L., Chapman, J.E., Glanz, K. (2011). From neighborhood design and food options to residents' weight status. <i>Appetite</i> , 56, 693-703.	x				
		Lachapelle, U., Frank, L.D., Saelens, B.E., Sallis, J.F., Conway, T.L. (2011). Commuting by public transit and physical activity: where you live, where you work, and how you get there. <i>Journal of Physical Activity and Health</i> , 8(Suppl 1), S72-S82.	x				
		Copeland, K.A.*, Sherman, S.N., Khoury, J.C., Foster, K.E., Saelens, B.E., & Kalkwarf, H.J. (2011). Wide variability in physical activity environments and weather-related outdoor play policies in child-care centers. <i>Archives of Pediatrics and Adolescent Medicine</i> , 165, 435-442.	x				
		Rovniak, L.S., Sallis, J.F., Saelens, B.E., Frank, L.D., Marshall, S.J., Norman, G.J., Conway, T.L., Cain, K.L., & Hovell, M.F. (2010). Adults' physical activity patterns across life domains: Cluster analysis with replication. <i>Health Psychology</i> , 29, 496-505.	x				
		Buman, M.P., Hekler, E.B., Haskell, W.L., Pruitt, L., Conway, T.L., Cain, K., Sallis, J.F., Saelens, B.E., Frank, L.D., & King, A.C. (2010). Objective light intensity physical activity associations with rated health in older adults. <i>American Journal of Epidemiology</i> , 172, 1155-1165.	x				
		Grow, H.M.*, Cook, A.J., Arterburn, D.E., Saelens, B.E., Drewnowski, A., & Lozano, P. (2010). Child obesity associated with social disadvantage of children's neighborhoods. <i>Social Science & Medicine</i> , 71, 71, 584-591.	x				
		Goldschmidt, A.B., Sinton, M.M., Passi Aspen, V., Tibbs, T.L., Stein, R.I., Saelens, B.E., Frankel, F., Epstein, L.H., & Wilfley, D.E. (2010). Psychosocial and familial impairment among overweight youth with social problems. <i>International Journal of Pediatric Obesity</i> , 5, 428-435.	x				
		Sallis, J.F., Kerr, J., Carlson, J.A., Norman, G.J., Saelens, B.E., Durant, N., and Ainsworth, B.E. (2010). Evaluating a brief self-report measure of neighborhood environments for physical activity research and surveillance: Physical activity neighborhood environment scale (PANES). <i>Journal of Physical Activity and Health</i> , 7, 533-540.	x				
		Wilfley, D.E., Van Buren, D.J., Theim, K.R., Stein, R.I., Saelens, B.E., Ezzet, F., Russian, A.C., Perri, M.G., & Epstein, L.H. (2010). The use of biosimulation in the design of a novel multilevel weight loss maintenance program for overweight children. <i>Obesity</i> , 18, S91-S98.	x				
		Rosenberg, D., Sallis, J.F., Kerr, J., Maher, J., Norman, G.J., Durant, N., Harris, S.K., & Saelens, B.E. (2010). Brief scales to assess physical activity and sedentary equipment in the home. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 7:10.	x				
		Kaczynski, A.T., Johnson, A.J., & Saelens, B.E. (2010). Neighborhood land use diversity and physical activity in adjacent parks. <i>Health and Place</i> , 16, 413-415.	x				
		Frank, L.D., Sallis, J.F., Saelens, B.E., Leary, L., Cain, K., Conway, T.L., & Hess, P.M. (2010). The development of a walkability index: application to the Neighborhood Quality of Life Study. <i>British Journal of Sports Medicine</i> , 44, 924-933.	x				
Shen	Qing	Shen, Q. Forthcoming. Transportation Planning. <i>International Encyclopedia of the Social and Behavioral Sciences</i> . Second Edition, Oxford, UK: Elsevier, pp. X-X.					Encyclopedia
		Hong, J. H. and Q. Shen, Forthcoming. Residential Density and Transportation Emissions: Examining the Connection by Addressing Spatial Autocorrelation and Self-selection. <i>Transportation Research, Part D, Vol. X, No. X, pp. X-X.</i>	o				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Shen (continued)		Hong, J. H. Q. Shen, and L. Zhang. Forthcoming. How Do Built-Environment Factors Affect Travel Behavior? A Spatial Analysis at Different Geographic Scales. <i>Transportation</i> , Vol. X, No. X, pp. X-X.	o				
		Pan, H. X., Q. Shen, and T. Zhao. Forthcoming. Travel and Car Ownership of Residents near New Suburban Metro Stations in Shanghai. <i>Transportation Research Record</i> , No. X, pp. X-X.	o				
		Zhang, L., J. H. Hong, A. Nasri, and Q. Shen. 2012. How Built Environment Affects Travel Behavior: A Comparative Analysis of the Connections between Land Use and Vehicle Miles Traveled in U.S. Cities. <i>Journal of Transport and Land Use</i> , Vol. 5, No. 3, pp. 40-52.	x				
		Levine, J., J. Grengs, Q. Y. Shen, and Q. Shen. 2012. Does Accessibility Require Density or Speed? A Comparison of Fast versus Close in Getting Where You Want to Go in U.S. Metropolitan Regions. <i>Journal of the American Planning Association</i> , Vol. 78, No. 2, pp. 157-172.	x				
		Yang, J. W., Q. Shen, J. Z. Shen, and C. F. He. 2012. Transportation Impacts of Clustered Development in Beijing: Compact Development versus Over-concentration. <i>Urban Studies</i> , Vol. 49, No. 6, pp. 1315-1331.	x				
		Rowe, D. H., C-H C. Bae, and Q. Shen. 2011. Evaluating the Impact of Transit Service on Parking Demand and Requirements. <i>Transportation Research Record</i> , No. 2245, pp. 56-62.	x				
		Pan, H. X., Q. Shen, and C. Liu. 2011. Transit Oriented Development at Urban Periphery: Insights from a Shanghai Case Study. <i>Transportation Research Record</i> , No. 2245, pp. 95-102.	x				
		Liu, C. and Q. Shen. 2011. An Empirical Analysis of the Influence of Urban Form on Household Travel and Energy Consumption. <i>Computers, Environment and Urban Systems</i> , Vol. 35, No. 5, pp. 347-357.	x				
		Rowe, D. H., C-H C. Bae, and Q. Shen. 2010. Assessing Multifamily Residential Parking Demand and Transit Service. <i>ITE Journal</i> , Vol. 80, No. 12, pp. 20-24.	x				
		Pan, H. X., Q. Shen, and S. Xue. 2010. Intermodal Transfer between Bicycles and Rail Transit in Shanghai, China. <i>Transportation Research Record</i> , No. 2144, pp. 181-188.	x				
		Grengs, J., J. Levine, Q. Shen, and Q. Y. Shen. 2010. Intermetropolitan Comparison of Transportation Accessibility: San Francisco and Washington, D.C. <i>Journal of Planning Education and Research</i> , Vol. 29, No. 4, pp. 427-443.	x				
		Zhen, F., Q. Shen, B. X. Jian, and J. Zheng, 2010. Regional Governance, Local Fragmentation, and Administration Division Adjustment: Spatial Integration in Changzhou. <i>The China Review</i> , Vol. 10, No. 1, pp. 95-128.	x				
	Yocom	Ken	Rottle, Nancy and Yocom, Ken (equal authorship). 2011. <i>Ecological Design</i> (London: AVA Publishing).		x		
		Karvonen, Andrew and Yocom, Ken. 2011. Civics of Urban Nature: Enacting Hybrid Landscapes. <i>Environment and Planning A</i> , 43: 1305-1322.	x				
Westerlund Whittington	Frank Jan	Professor Emeretus Whittington, Jan. "When to partner for public infrastructure? Transaction cost evaluation of design-build delivery" <i>Journal of the American Planning Association</i> , 78 (3) 2012: 269-285.	x				

o = in press/forthcoming

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other	
Whittington (continued)		Whittington, Jan and Chris Jay Hoofnagle. "Unpacking privacy's price" <i>University of North Carolina Law Review</i> , 90 (5) June 2012: 1327-1370.	x					
		Armbruster, Ginger, Barbara Endicott-Popovsky, and Jan Whittington. "Are we prepared for the economic risk resulting from telecom hotel disruptions?" <i>International Journal of Critical Infrastructure Protection</i> , 5 (2012): 55-65.	x					
		Hoofnagle, Chris Jay and Jan Whittington. "The price of 'Free': Accounting for the Internet's most popular price", Forthcoming <i>UCLA Law Review</i> , 61(3) 2014. Available at SSRN: http://ssrn.com/abstract=2235962	o					
		Armbruster, Ginger, Barbara Endicott-Popovsky, and Jan Whittington. "The cyber threat of aging infrastructure: A municipal case study" In S. Sheno (Ed.), <i>IFIP WG 11.10: Critical Infrastructure Protection VI</i> , Heidelberg, Germany: Springer. (forthcoming, 2013)				o		
		Arnaudo, Daniel, Philip Wood, Aaron Alva, and Jan Whittington. "The economic implications of authoritarian control of the Internet" In S. Sheno (Ed.), <i>IFIP WG 11.10: Critical Infrastructure Protection VI</i> , Heidelberg, Germany: Springer. (forthcoming, 2013)				o		
Withers	Suzanne	Jan Whittington, Peter Hurley, and Jill Sterrett. "New Certification for Sustainable Transportation Projects and Plans" <i>The Washington Planner: A Publication of the Washington Chapter of the American Planning Association</i> , May 11, 2011, page 4.					Report	
		Withers, S. D., (2013), Quantitative Methods in Human Geography , <i>Oxford Bibliographies in Geography</i> , Warf, B., Oxford University Press, New York.		x				
		Withers, S., (2011), Riding out the Storm: Vulnerability in Seattle's Housing Market , <i>Seattle Geographies</i> , Brown, M.; Morrill, R., University of Washington Press, Seattle.		x				
Zerbe	Richard	Withers, S., (2010), Population Geography , <i>Demography</i> , Zeng, Y., UNESCO-EOLSS.					UNESCO volume	
		Zerbe, Richard O. & Scott Farrow, (eds) <i>Principles for Benefit Cost Analysis</i> , Northhampton, MA, Edward Elgar, in press, 2013		o				
		Zerbe, Richard O. <i>Efficiency in Law and Economics</i> , 2013 (ed) Northhampton, MA Edward Elgar Publishing, Inc., forthcoming (series editors, Richard Posner and Francesco Parisi)		o				
		Zerbe, Richard O. (2013) "The Development of Economic Efficiency in Law", in Zerbe, Richard O. <i>Efficiency in Law and Economics</i> , (ed forthcoming (series editors, R. Zerbe, Richard Posner and Francesco Parisi),) Edward Elgar Publishing, Inc., Northhampton, MA: in Edward Elgar Publishing, Inc. (peer reviewed)				o		
		Zerbe, Richard O. (2013, in press), <i>Principles and Standards for Benefit-Cost Analysis</i> (with Nancy Garland, Tyler Scott, Tyler Davis and Scott Farrow in Zerbe, Richard O. & Scott Farrow, (eds) <i>Principles for Benefit Cost Analysis</i> , Northhampton, MA, Edward Elgar, in press, 2013				o		
		Zerbe, Richard O. (2013, in press), "Ethical benefit-cost analysis as art and science—ten rules for benefit-cost analysis" in Zerbe, Richard O. & Scott Farrow, (eds) <i>Principles for Benefit Cost Analysis</i> , Northhampton, MA, Edward Elgar, in press Zerbe, Richard O., Tyler Scott, Nancy Garland, (2013) <i>Principles and Guidelines for Benefit-Cost Analysis</i> ", in Zerbe, Richard O. & Scott Farrow, (eds) <i>Principles for Benefit Cost Analysis</i> , Northhampton, MA, Edward Elgar, in press, 2013				o		

Appendix C: Faculty Publications 2010--2013 Snapshot

Last Name	First Name	Publications	Peer Review	Book	Chapter	In Review/ Process	Other
Zerbe (continued)		Zerbe, Richard O. and C. Leigh Anderson. (2011) "The Meaning of Native American Land Ownership: A Study in Psychological Entitlement, Reference Levels and Valuation Disparities." Prepared for Lincoln Institute Conference on Property Rights and Natural Resources, September 2010 (peer reviewed)					Peer reviewed conference paper
		Zerbe, Richard O. (with Nancy Garland, (2011). "The Economics of Climate Change," in Climate Change. Durham, NC: Carolina Academic Press, 1			x		
		Zerbe, Richard O., "Cost-Benefit Analysis, publication by Sage Publications 2010			x		
		Zerbe, Richard O.(with Scott and Scott), Summer 2013, "Benefit-Cost Analysis in the Chehalis Basin: A West Coast saga exemplifies how these analyses can create more controversy than they resolve." Regulation Summer 2013, Vol36 No 2-2, pp 20-25.	x				
		Zerbe, Richard, 2013 "Are We Spending Our Limited Fiscal Resources Wisely", in Experts Corner of Big Think, vol. 11, pp 2-4	x				
		Zerbe, R., et al. 2012, "Design Tradeoffs: The Social Costs of Vehicle Fire Protection," SAE Int. J. Passeng. Cars -Mech. Syst.5(2);, doi:10.4271/2012-01-0985.(peer reviewed)	x				
		Zerbe, Richard O. (April 2012) (with Richard Just and Andrew Schmitz)," Scitovsky Reversals and Practical Benefit Cost Analysis", Journal of Benefit-Cost Analysis,vol.3 peer reviewed	x				
		Zerbe, R. O. (with Leigh Anderson), 2012, "Psychological Entitlement, Reference Levels and Valuation Disparities: The Case of native American Land Ownership". in Property in Land and Other Resources, (ed. D. Cole and E. Ostrom), Lincoln Land Institute pp. 295-313\			x		
		Zerbe, Richard O. (2011) (with David Burgess), "Calculating the Social Opportunity Cost Discount Rate", J. Benefit-Cost Analysis, vol. 2 issue3, article 8. Peer reviewed	x				
		Zerbe, Richard O. (2011) (with David Burgess), "The Appropriate Discount Rate to Use", Journal of Benefit Cost Analysis, vol. 2, issue 2. (peer reviewed)	x				
		In press or forthcoming	35	6	20	N/A	
		Published	411	17	67	N/A	
		TOTALS	446	23	87	42	

Appendix C: Faculty Awards

Last Name	First Name	Lifetime Awards
Borning	Alan	Association for Computing Machinery Fellow, 2001.
Bostrom	Ann	Fellow of the American Association for the Advancement of Science 2013
Bradley	Gordon	Distinguished Alumni - 1993 California State Polytechnic University
Drewnowski	Adam	Prix Benjamin Delessert, Paris, France
Elwood	Sarah	University of Washington Distinguished Teaching Award, 2012 Sustainable Community Outstanding Leadership Award (Individual Innovator), Sustainable Seattle, 2011 Geographic Perspectives on Women's Annual Book Recognition, Association of American Geographers (for Qualitative GIS: A Mixed Methods Approach), 2010
Faustman	Elaine	Humane Society and Proctor and Gamble Alternatives Award -- for research into alternatives to animal testing, 2007 Best Paper of the Year Award in Fundamental and Applied Toxicology, Academic Press and Society of Toxicology, 1996 Outstanding Teaching Award, 2008 (School wide University of Washington Award) 1983-1986 New Investigator Research Award, National Institute of Environmental Health Sciences
Guttorp	Peter	Evelyn Fix Award for work in applied statistics, University of California Berkely Fellow of the American Statistical Association Nobel Peace Prize (Intergovernmental Panel on Climate Change) Technologiae doctor honoris causa, Lund University
Harrell	Stevan	Distinguished Undergraduate Mentor Award, University of Washington, 2012.
Harrington, Jr.	James W.	David Boyce Award for Service to Regional Science -- 2001
Hou	Jeffrey	Places Book Award. Insurgent Public Space: Guerrilla Urbanism and the Remaking of Contemporary Cities, Jeffrey Hou, ed. Environmental Design Research Association (EDRA)/Places: Design Observer. 2012 Community Builder Award. Seattle Chinatown International District Preservation and Development Authority. May 2012 Golden Circle Award, in appreciation for a lifelong contribution to the Chinese American and Asian American community and its heritage. Organization of Chinese Americans Greater Seattle Chapter. 2011 Award of Recognition for Excellence in Service-learning Education. Council of Educators in Landscape Architecture. 2011 Places Book Award. Greening Cities, Growing Communities: Learning from Seattle's Urban Community Gardens. Jeffrey Hou, Julie Johnson, Laura Lawson. Environmental Design Research Association and Places: Design Observers. 2011
Larson	Timothy	Air & Waste Management Association, Pacific Northwest Division, Special Recognition Award for "Advancing the State of Wood Smoke Monitoring," 1995.

Appendix C: Faculty Awards

Last Name	First Name	Lifetime Awards
		Air & Waste Management Association, Pacific Northwest Division, "Lab Coat" Award for Outstanding Experimental Reserarch in the field of air pollution, 1999.
Lawler	Joshua	EPA Region X, for outstanding work related in the field of air toxics, December, 2003 Secretary of the Interior, Conservation Partners Award (2011) Project of the Year, Strategic Environmental Research and Development Program (2011)
Manzo	Lynne	Council of Educators in Landscape Architecture, Outstanding Communication Award – 2012
Miller	Donald	Board Member, International Association for Environmental Planning and Management. Senior Fellow, Consortium on Development Studies Senior Site Visitor: Appointed by Planning Accreditation Board (PAB) resulting from serving on 8 Site Visits, Chairing 6, from 1986 – present. Global Fellow, Program on Humanistic Globalization, Michigan State University North American Member, Scientific Committee, Urban Environmental Congress, Sao Paulo, Brazil, October 2010.
Montgomery	David	John D. and Catherine T. MacArthur Foundation Fellow, 2008
Moskal	Monika	American Society for Photogrammetry and Remote Sensing (ASPRS) Ford Bartlett Award NASA-MSU Professional Enhancement Award
Moudon	Anne Vernez	Robert Wood Johnson Foundation, Active Living Research (Active Living Policy and Environmental Studies) Program, National Advisor, 2001-2012
Mugerauer	Bob	(with Lynne Manzo) College of Architecture and Urban Planning, University of Washington, Award for Best Completed Work: Environmental Dilemmas: Ethical Decision Making (Lexington Press, 2008), Spring, 2008. School of Architecture, Outstanding Teacher (Lecture-Seminar) Award, University of Texas at Austin, Spring, 2000. School of Architecture Outstanding Teacher Award, Spring 1993 Multiple other teaching awards and award nominations.
Prakash	Vikram	“Certificate of Appreciation...in recognition of your contribution to the profession of architecture and the building industry” Society of American Registered Architects, October 18, 2003
Shen	Qing	Tongji Chair Professor (an endowed visiting position), Tongji University, 2009 Chester Rapkin Award (with Joseph Grengs, Jonathan Levine, and Qingyun Shen), ACSP, 2010 Best Paper Award, World Symposium on Transport and Land Use Research World Society of Transportation and Land Use Research (WSTLUR) (with Lei Zhang, Jin Hyun Hong, and Arefeh Nasri), 2011 Guest Professor, Huazhong University of Science and Technology, 2013
Zerbe	Richard	Olin Fellow @ Yale Law School

Appendix C: Current (Spring 2013) Faculty Collaborations

Last Name	First Name	Collaborative or interdisciplinary effort	Within University?	Outside University?	Collaborator in a Foreign Country?
Abramson	Dan	<p>Land issues in China, with Kam Wing Chan (Geography), Susan Whiting (Poli Sci and Law), Dongsheng Zang (Law), etc., meetings each quarter, on-going.</p> <p>Social-ecological systems in Sichuan, with Stevan Harrell (Anthropology); PhD students Matt Hale (Anthr), Jiawen Hu (BE); masters students Jennifer Tippins (MUP-MAIS), Vanessa Hunsberger (Law), Jiajia Ge (MPA); juniors Chuhan Zheng and Kailin Wang (CEP). On-going.</p> <p>Proposal drafter for College of Built Environments interdepartmental research cluster seed fund for Resilience in the Built Environment, shortlisted for \$35,000, approved by CBE Dean Schaufelberger in Autumn 2013.</p> <p>Includes support for one CBE or UDP PhD TA/RA to assist with development of a large undergraduate course on "Disasters" and a graduate-level seminar, and international workshop to integrate resilience-related teaching and research across College of Built Environments departments (Architecture, Construction Management, Landscape Architecture, and Urban Design & Planning)</p>	x	x	x
Alberti	Marina	<p>National Academy of Science. Steering Committee on Estimating the Ecosystem Benefits of Urban Forestry. NAS. Washington D.C. 2012-2013.</p> <p>MIT-Tufts RCN Steering Committee. Water Diplomacy Research Network. Project funded by the National Research Foundation 2011-2016.</p> <p>Human Evolution and Social Change, ASU</p> <p>Oceanography, UW</p> <p>Civil and Environmental Engineering, UW</p>	x	x	x

Appendix C: Current (Spring 2013) Faculty Collaborations

Last Name	First Name	Collaborative or interdisciplinary effort	Within University?	Outside University?	Collaborator in a Foreign Country?
Alberti		Computer Science, UW	x		
		SAFS, UW	x		
		Environmental Health, UW	x		
		City and Regional Planning, Cal Poly		x	
		Life Sciences, ASU		x	
		Statistics, UCLA		x	
		Landscape Ecology, University of Georgia		x	
		Architecture, University of Virginia		x	
		Civil and Environmental Engineering, Tufts		x	
		Public Affairs, UW	x		
		Fisheries and Wildlife, Michigan State		x	
		University of South Carolina		x	
		Environmental Studies, Western Washington University		x	
		NOAA		x	
		Anthropology, ASU		x	
		Biology, UW	x		
		School of Environmental and Forest Sciences, UW	x		
		DUSP, MIT		x	
		City and Regional Planning, UC Berkeley		x	
		Evolutionary Ecology, ASU		x	
	Geography, UW	x			
Born	Branden	Washington State Food System Roundtable 2013		x	
		Founding member, Seattle-King County Acting Food Policy Council, Executive Committee member, Strategic Planning Committee member, Transition Committee (to Puget Sound Regional Council) member (2006-2010).		x	
		Puget Sound Regional Council Regional Food Policy Council, member (2010-present).		x	
Borning	Alan	Information School	x		

Appendix C: Current (Spring 2013) Faculty Collaborations

Last Name	First Name	Collaborative or interdisciplinary effort	Within University?	Outside University?	Collaborator in a Foreign Country?
Bostrom	Ann	<p>Member, Integrated Research on Disaster Risk (IRDR) programme Scientific Committee. Programme is cosponsored by the International Council for Science, the International Social Science Council (ISSC) and the UN International Strategy for Disaster Reduction (UN-ISDR). Effective May 2012 through 30 June 2015.</p>		x	x
		<p>Member, National Oceanic and Atmospheric Administration (NOAA) Science Advisory Board Environmental Information Services Working Group (EISWG) Appointment effective May 2012.</p>		x	
		<p>Member, National Research Council's Committee to Review the EPA IRIS Process, 2012 to present.</p>		x	
		<p>Member, Advisory Board, Center for Climate and Energy Decision Making, Carnegie Mellon University, 2011 to present.</p>		x	
		<p>Member, National Academies Standing Committee on Use of Emerging Science for Environmental Health Decisions, 2009 to 2012.</p>		x	
		<p>Member, Committee on the Role of FDA in Food Safety, National Academies of Science, Institute of Medicine, appointed January, 2008-2010.</p>		x	
		<p>Member, Applied Technology Council 58-1 Project Steering Committee (ATC-58 program for development of next-generation performance-based seismic design guidelines, phase 3 on development of seismic performance assessment). Fall 2008 to September 2011.</p>		x	
		<p>Society for Risk Analysis, President-elect 2011, President 2012,</p>		x	
		<p>Past-President and Publications Committee Chair, 2013.</p>		x	

Appendix C: Current (Spring 2013) Faculty Collaborations

Last Name	First Name	Collaborative or interdisciplinary effort	Within University?	Outside University?	Collaborator in a Foreign Country?
Bostrom		CSDE chemical dispersant use risk communication group		x	
		CSDE climate change risk communication group		x	
Bradley	Gordon	Director UW Individual PhD program	x		
Chen	Cynthia	Urban Planning Dep., CSDE, Fred Hutchinson	x	x	
Drewnowski	Adam	2012-2013 Professeur Associe Universite Pierre et Marie Curie Paris VI, Paris, France		x	x
Duncan	Glen	University of Washington Twin Registry (Epidemiology)	x		
Ellis	Mark	Center for Studies in Demography and Ecology	x		
		Northwest Census Research Data Center		x	
Faustman	Elaine	Pacific Northwest Center for Human Health and Ocean Studies	x		
		Center for Child Environmental Health Risks Research	x		
Harrell	Stevan	Joint appointment with School of Environmental and Forest Sciences	x		
		Project on New Socialist Countryside in China, with Dan Abramson, CBE	x		
		China Studies Program, Faculty Member		x	x
		Adjunct Professor, Department of Asian Languages and Literatures		x	x
		Adjunct Curator of Asian Ethnology, Burke Museum	x		
		Long-term study of ecological change in Sichuan, with faculty members from School of Environmental and Forest Sciences, and Department of Earth and Space Sciences	x	x	x
		UW-Sichuan interdisciplinary Undergraduate Exchange, Director	x	x	x
		Teaching in Program on the Environment	x		
		Teaching in Integrated Sciences program, together with David Battisti, Department of Atmospheric Sciences.	x		

Appendix C: Current (Spring 2013) Faculty Collaborations

Last Name	First Name	Collaborative or interdisciplinary effort	Within University?	Outside University?	Collaborator in a Foreign Country?
Harrell		Organizing Conference, "Is Chinese Patriarch Over"? with Gonçalo Santos, Max-Planck Institut für ethnologische Forschung, Halle/Saale, Germany		x	x
Harrington, Jr. Hou	James W. Jeffrey	none Center for Asian Urbanism, College of Built Environments, University of Washington. "Immigrants, Place and Cross-cultural Understanding: Global-local Perspectives and Processes" research group. Worldwide Universities Network. Grant for a project titled April 2010 to March 2011. With matched funding from University of Washington, Pennsylvania State University, University of Sheffield, University of Sydney, University of Wisconsin, Madison.	x	x	
Lawler	Joshua	Pacific Rim Community Design Network Andy Blaustein (Zoology, Oregon State University) Tom Edwards (USGS Utah State) Anne Guerry (Zoology, Oregon State) Peter Kareiva (lead scientist, Nature Conservancy) Ron Neilson (USFS) Jonathan Rubin (University of Maine) Roly Russell (Earth Institute, Columbia University) Nathan Schumaker (US EPA) Sarah Shafer (USGS) Denis White (US EPA)		x x x x x x x x x x x	
Logsdon	Miles	Dr. Karen Harris, University of Idaho Dr. Randy Shuman, King County Environmental Lab Dr. Tom Mumford (Washington Dept. of Ecology) Dr. Leslie Sautter (College of Charleston) Dr. Cheryl Greengrove (UW – Tacoma)		x x x x	
			x		

Appendix C: Current (Spring 2013) Faculty Collaborations

Last Name	First Name	Collaborative or interdisciplinary effort	Within University?	Outside University?	Collaborator in a Foreign Country?
Manzo	Lynne	Collaborations with Prof Rachel Klit, The Ohio State University on public housing research. (11 year collaboration)		x	
		Collaboration with Dr. Kaltham Al Ghanim, Sociologist, Qatar University, Doha, Qatar		x	x
Saelens	Brian	Grant-related collaboration with University of California San Diego (research)		x	
		training-related collaboration with the University of Pennsylvania		x	
		grant and public health service collaboration with Public Health - Seattle & King County		x	
Shen	Qing	- PacTrans (University Transportation Center)	x		
		- Department of Civil and Environmental Engineering (Adjunct Professor)	x		
		- China Program in Jackson School (Adjunct Faculty Member) Tongji University in Shanghai, China (Tongji Chair Professor, collaborative research 1-2 months per year, primarily with Professor Haixiao Pan).	x		
		- University of Maryland/U. of Central Michigan/University of Michigan (collaborative research on built environment and transportation emissions)		x	x
Whittington	Jan	Main collaborating departments and colleges (where collaborating FACULTY reside):			
		the Information School, UW Seattle	x		
		Daniel J. Evans School of Public Affairs, UW Seattle	x		
		the School of Nursing, UW, Seattle	x		
		the School of Medicine, UW, Seattle	x		
		Department of Construction Management, CBE, UW Seattle	x		
		Institute of Technology, UW Tacoma	x		
		Berkeley Law School, University of California, Berkeley		x	

Appendix C: Current (Spring 2013) Faculty Collaborations

Last Name	First Name	Collaborative or interdisciplinary effort	Within University?	Outside University?	Collaborator in a Foreign Country?
Whittington		Department of City and Regional Planning, UC Berkeley		x	
TOTALS			37	64	9

Appendix D: Placement of Graduates 2000--Present

Name	Year Graduated	Position Title	Employment Firm/Institution
Shi Chul Lee	Autumn 2000	Associate Professor	Kyungpook National University, Korea
Sohyun Park Lee	Autumn 2000	Associate Professor	Seoul National University, Korea
Yaourai Suthiranart	Summer 2001	Deputy Dean for Academic Affairs	Kasetsart University, Bangkok, Thailand
Marion Ryan Sinclair	Spring 2001		
Ali Pirzadeh	Winter 2001		The World Bank
Kevin Krizek	Spring 2001	Professor & PhD Program Director	University of Colorado, Boulder, Program in Environmental Design; Director of the PhD Prog. In Design & Planning
Paul Hess	Summer 2001	Associate Professor	University of Toronto
John Carruthers	Spring 2001	Academic Program Director for the Sustainable Urban Planning Graduate Program	College of Professional Studies, George Washington University
Cristina Gosling	Autumn 2001		
Nam Son Ngo-Viet	Summer 2002	Director of Urban Design and Planning	Rubin & Rotman, Montreal, Quebec
Charlotte Garrido	Spring 2002	District 3 Commissioner	Kitsap Urban Extension Program, Washington State University
Bradshaw Hovey	Spring 2003	Associate Director of the Urban Design Project	University of Buffalo, SUNY, School of Architecture & Planning
Shishir Mathur	Summer 2003	Associate Professor	San Jose State University
Jeasun Lee	Summer 2003	Associate Professor	Yonsei University, Korea
Chanam Lee	Summer 2004	Associate Professor	Texas A & M University
Sungyop Kim	Summer 2004	Associate Professor	University of Missouri--Kansas City
Tarik Khiati	Summer 2004	Chair & Assistant Professor, Interior Design Dept.	Alhosn University- Abu Dhabi
Vivek Shandas	Winter 2006	Associate Professor	Portland State University
Adnan Husnein	Winter 2006	Assistant Professor	Alhosn University- Abu Dhabi
Joel Franklin	Summer 2006	Biträdande lektor	Royal Institute of Technology, Sweden

Appendix D: Placement of Graduates 2000--Present

Name	Year Graduated	Position Title	Employment Firm/Institution
Adrienne Greve	Spring 2007	Associate Professor	Cal Poly, San Luis Obispo
Hyungtai Kim	Autumn 2006	Director of Public Investment Evaluation Division, PIMAC	Korea Development Institute 207-41 Cheongnyangri- Dong, Dongdaemun-Gu Seoul 130-012, Korea
Dongwook Sohn	Summer 2006	Assistant Professor	Hongik University, Seoul, Korea
Sarah Dooling	Summer 2008	Assistant Professor	The University of Texas at Austin School of Architecture
Ming-Chun Lee	Autumn 2008	Assistant Professor	University of Texas, Austin, School of Architecture
Luc de Montigny	Autumn 2008	Postdoctoral Fellow	McGill University
Michelle Kondo	Summer 2008	Postdoctoral Fellow	University of Pennsylvania, Social Policy & Practice
Brian Lee	Spring 2009	Assistant Professor	University of Vermont, Transportation Center
Liming Wang	Summer 2009	Assistant Professor	Portland State University/Toulan School of Urban Studies & Planning, China
Alon Bassok	Autumn 2009	Affiliate Assistant Professor	University of Washington
Andrew Bjorn	Autumn 2009	Planner	O2 Planning + Design Inc., Calgary, AL
David Hsu	Spring 2010	Assistant Professor	University of Pennsylvania, Dept. of City & Regional Planning
Ahmed Al-Noubani	Summer 2010	Faculty Member	Birzeit University, Dept. of Geography
Lin Lin	Summer 2010	Assistant Professor	East China Normal University, Shanghai
Park, Seunghoon	Autumn 2010	Assistant Professor	Keimyung University, Dept. of Urban Planning & Design, S. Korea
Junfeng Jiao	Autumn 2010	Faculty Member	University of Texas, Austin, School of Architecture
Phil Hurvitz	Autumn 2010	Research Assistant Prof.	University of Washington, Urban Design & Planning
Emad Dawwas	Autumn 2011	Assistant Professor	An-Najah National University-West Bank, Palestine

Appendix D: Placement of Graduates 2000--Present

Name	Year Graduated	Position Title	Employment Firm/Institution
Gail Sandlin	Autumn 2011	Environmental Specialist & Adjunct Faculty	Air Quality Program, Department of Ecology; WWU Huxley Environmental Studies Program
Sahara Bleibleh	Summer 2012	Assistant Professor	United Arab Emirates University, Al Ain
Bumjoon Kang	Winter 2013	Assistant Professor	SUNY--Buffalo, Dept. of Regional & Urban Planning
Jinhyun Hong	Spring 2013	Lecturer in Transportation Planning	University of Glasgow, Scotland, UK
Sora Baek	Autumn 2013	Assistant Professor	SUNY--Buffalo, Dept. of Regional & Urban Planning
Karis Tenneson	Autumn 2013	Affiliate Instructor	Urban Design & Planning, University of Washington
Yue Gong	Autumn 2013		
Julia Michalak	Autumn 2013	Affiliate Instructor	Urban Design & Planning, University of Washington
Andy Krause	Autumn 2013	Consultant	Greenfield Advisors, Seattle

**APPENDIX E: URBAN DESIGN AND PLANNING PHD STUDENT ROSTER
AUTUMN 2013**

	F name	L name	Yr.	Advisor	Interest Area(s)
1.	Evan	Carver	2013	B. Mugerauer	Political-social & design approaches to ecological resilience
2.	Peng	Chen	2011	Q. Shen	(1)Transportation Planning, GIS application in Planning and Quantitative Analysis; (2)Urban Form, Urban Spatial Organization, Land Use Planning and Urban Growth; (3) Transportation Economics and Transportation Geography
3.	Karen	Dyson	2010	G. Bradley	Urban ecology, value of habitat in urban areas, improving habitat value in human dominated landscapes
4.	Hossein	Estiri	2009	B. Mugerauer	Urbanization & Climate Change, Urban Growth Patterns, Housing consumption and residential mobility
5.	Tracy	Fuentes	2009	M. Alberti	Restoration ecology, plant conservation biology, community ecology, remote sensing
6.	Yue	Gong*	2008	D. Abramson	Social & economic mechanisms in the built environment
7.	Megan	Horst	2010	B. Born	Food systems planning, particularly evaluating environmental impacts of the policies of major institutions
8.	Eric	Howard	2012	A. Moudon	Impacts of urban form on travel behavior and public health, GIS applications in planning
9.	Ruizhu	Huang	2009	A. Moudon	Transportation and Land Use, GIS, Urban Economics, Real Estate
10.	Yan	Jiang	2004	M. Alberti	Land cover change detection, the interaction between land use and land cover
11.	Chung Ho	Kim	2011	D. Abramson	Urban design, sustainability, transculture, urban form
12.	Andy	Krause*	2010	C. Bitter	Land value modeling, growth controls, urban economics, real estate markets, and geospatial analysis
13.	Julia	Michalak*	2007	M. Alberti	Urban ecology, natural resources policy, land use planning evaluation
14.	Matthew	Patterson	2012	M. Alberti	Urban ecology, green roofs, social-ecological systems
15.	Karis	Tenneson*	2006	M. Alberti	Urban ecology, landscape ecology and the relationship between urban patterns & ecosystem functions
16.	Susmita	Rishi	2011	M. Purcell	Growth in modernist cities; hegemonic planning policies and the spatial expressions of non-dominant citizenships
17.	Mary	Roderick	2009	B. Mugerauer	Integrating ecological restoration and urban planning, human-ecosystem interaction, eco-city design, adaptive management, everything water
18.	Peter	Schmiedeskamp	2013	Q. Shen	Urban planning, transportation, public health, economics
19.	Jason	Scully	2010	A. Moudon	Pedestrian behavior and walkable places, urban form
20.	Daniele	Spirandelli	2006	M. Alberti	Urban ecology
21.	J.D.	Tovey	2009	Alberti/Abramson	Energy systems, culture, bioresource-based energy for sustainable societies
22.	Jared	Ulmer	2008	A. Moudon	Urban theory, urban design, psychology, public health
23.	Joshua	Wilcox	2013	D. Miller	International development, spatial statistical analysis, GIS
24.	Stefanie	Young	2012	B. Mugerauer	Biomimetics, adaptability, hazard mitigation

*Graduated autumn 2013

Appendix E: Student Presentations and Publications 2010--2013

Last Name	First Name	Date	Paper Title	Type	Publication Title/Event	Citation
Baek	So-Ra	March 12-14 2012	Disparities in Environmental Opportunities for Physical Activity: The Case of Korean Immigrants vs. American Born Mothers in King County, WA	Presentation	Active Living Research Annual Conference	So-Ra Baek, Christine Bae, Anne Vernez Mondon; Disparities in Environmental Opportunities for Physical Activity: The Case of Korean Immigrants vs. American Born Mothers in King County, WA; Active Living Research Annual Conference; San Diego, California, March 12-14, 2012
		November 2012	Do Acculturation and Neighborhood Environments of Spatial Realm matter for physical activity?: The case of Korean immigrant women in King County, WA	Presentation	ACSP Annual Conference, Cincinnati OH	Do Acculturation and Neighborhood Environments of Spatial Realm matter for physical activity?: The case of Korean immigrant women in King County, WA, with Christine Bae and Anne Vernez Moudon, ACSP Annual Conference, Cincinnati, OH, November 2012
Bleibleh	Sahera	March 24-26 2011	Commemorating Spatial Memories...The Nurture of Debris in the Old Town of Nablus, Palestine.	Presentation	The Fourth Annual NSSR Interdisciplinary "Memory: Silence, Screen, and Spectacle". The New School, NYC.	Bleibleh, Sahera (2011). Commemorating Spatial Memories...The Nurture of Debris in the Old Town of Nablus, Palestine. The Fourth Annual NSSR Interdisciplinary "Memory: Silence, Screen, and Spectacle". The New School, NYC. March 24-26, 2011
		May 18-22 2011 Unable to present due to Visa issues	Political Spatiality	Presentation	FIG Working Week on Bridging the Gap between Cultures. Marrakech, Morocco	Mandour, Alaa & Bleibleh, Sahera (2011). Political Spatiality. FIG Working Week on Bridging the Gap between Cultures. Marrakech, Morocco, 18-22 May 2011.
			Everyday utopias, politics, and tradition: lessons from Occupied Palestine.	Presentation	IASTE conference in Lebanon	Bleibleh, Sahera & Huang, Shu-Mei (2010). Everyday utopias, politics, and tradition: lessons from Occupied Palestine. "Accepted for presentation at the IASTE conference in Lebanon"
		April 30 and May 1, 2010	Everyday Urbanism between Public Space and "Forbidden" Space": The Case of the Old City of Nablus, Palestine.	Presentation	UC Berkeley: The Proceedings of Spaces of History / Histories of Space: Emerging Approaches to the Study of the Built Environment. Conference at the University of California Berkeley.	Bleibleh, Sahera. (2010). (Article online) Everyday Urbanism between Public Space and "Forbidden" Space": The Case of the Old City of Nablus, Palestine. UC Berkeley: The Proceedings of Spaces of History / Histories of Space: Emerging Approaches to the Study of the Built Environment. A conference at the University of California, Berkeley, April 30 and May 1, 2010. Retrieved from: http://escholarship.org/uc/item/699616jk
Chen	Peng	June 18-20 2012	Estimating Rail Transits Effect on Travel Mode Changes Based on a Survey of Metro Station Area Employed Residents	Presentation	Annual Conference of the International Association for Chinese Planning	Estimating Rail Transits Effect on Travel Mode Changes Based on a Survey of Metro Station Area Employed Residents. Peng CHEN1, Qing SHEN1, Haixiao PAN. Annual Conference of the International Association for Chinese Planning June18th to 20th,Wuhan, P. R. China
			Joint Effects of Residential Relocation and Rail Transit Development on Mode Choice and Greenhouse Gas Emissions	Presentation	AICP Wuhan 2012	Peng, Chen. Joint Effects of Residential Relocation and Rail Transit Development on Mode Choice and Greenhouse Gas Emissions. AICP Wuhan 2012
Dyson	Karen	August 5-9 2012	Using community gathered data to detect differences in bird community composition across the urban gradient in the Seattle area.	Poster Presentation	Poster presentation at the ESA Conference	Dyson, K.; Using community gathered data to detect differences in bird community composition across the urban gradient in the Seattle area. Poster presentation at the ESA Conference, August 9th, 2012; 2012 ESA Annual Meeting in Portland OR.
		40544	Pollution in paradise: A conceptual model of beach pollution and tourism	Korean Peer-Reviewed Presentation and Conference Proceedings	KMI International Journal	K. Dyson; Pollution in paradise: A conceptual model of beach pollution and tourism; KMI International Journal; January 2011
Estiri	Hossein	2012	Tracking Urban Sprawl: Applying Moran's I Technique in Developing Sprawl Detection Models	Conference Proceedings	Seattle: The Environmental Design Research Association	Estiri, Hossein. "Tracking Urban Sprawl: Applying Moran's I Technique in Developing Sprawl Detection Models." <i>Proceedings of the 43rd Annual Conference of the Environmental Design Research Association</i> . Seattle: The Environmental Design Research Association, 2012.
		2012	Stormwater Estimation for Management in Urban Watersheds: A Landuse-Based GIS Model	Presentation and Conference Proceedings	American Water Resource Association Conference- GIS & Water Resources VII. New Orleans: American Water Resource Association	Estiri, Hossein, Nancy Rottle, and Leslie Batten. "Stormwater Estimation for Management in Urban Watersheds: A Landuse-Based GIS Model." <i>Proceedings of the American Water Resource Association Conference- GIS & Water Resources VII</i> . New Orleans: American Water Resource Association, 2012.
		June, 2011	The Path to Resilience: Research directions toward optimizing the mutual impacts of Cities and Climate Change	Presentation	17th annual conference of the International Sustainable Development Research Society (ISDRS)	Estiri, Hossein. "The Path to Resilience: Research directions toward optimizing the mutual impacts of Cities and Climate Change." <i>17th annual conference of the International Sustainable Development Research Society (ISDRS)</i> . New York, New York, USA: Earth Institute, Columbia University and United Nations Division of Sustainable Development (UNSD), June 2011.
		March, 2011	An Agenda for the Future Urban-Climate Research	Presentation and Conference Proceedings	3rd International Conference on Subtropical Cities: Subtropical Urbanism Beyond Climate Change	Estiri, Hossein. "An Agenda for the Future Urban-Climate Research." <i>3rd International Conference on Subtropical Cities: Subtropical Urbanism Beyond Climate Change</i> . Fort Lauderdale, Florida, USA: Florida Atlantic University, March 2011.
		April 2010	Urban sprawl at the rural fringe: Analysis of morphological effects of sprawl on rural form in contemporary Tehran metropolitan area; a case study of Tarasht Village	Presentation	Emerging Issues Conference, along urban rural interface, Atlanta, GA	Estiri, Hossein. "Urban sprawl at the rural fringe: Analysis of morphological effects of sprawl on rural form in contemporary Tehran metropolitan area; a case study of Tarasht Village." Emerging Issues Conference, along urban rural interface, Atlanta, GA: April 2010.
		November 2012	21 Percent: the role of socioeconomics and housing characteristics of CO2 emissions in US residential sector			Estiri, Hossein. 21 Percent: the role of socioeconomics and housing characteristics of CO2 emissions in US residential sector. 53rd annual conference of the association of collegiate schools of planning. Cincinnati, Ohio, November 2012.
		April 2011	Land cover changes in the Puget Lowlands, WA, 1986-2002	Presentation with Tracy Fuentes	26 th Annual Landscape Ecology Symposium, Sustainability in Dynamic Landscapes	Fuentes, Tracy; Estiri, Hossein. "Land cover changes in the Puget Lowlands, WA, 1986-2002." <i>26th Annual Landscape Ecology Symposium, Sustainability in Dynamic Landscapes</i> . " Portland, Oregon: April 2011.
		2013	Multiple papers submitted for peer review.			

Appendix E: Student Presentations and Publications 2010--2013

Last Name	First Name	Date	Paper Title	Type	Publication Title/Event	Citation
Fuentes	Tracy	April 2011	Land cover changes in the Puget Lowlands, WA, 1986-2002	Presentation with Hossein Estiri	26 th Annual Landscape Ecology Symposium, Sustainability in Dynamic Landscapes	Fuentes, Tracy; Estiri, Hossein. "Land cover changes in the Puget Lowlands, WA, 1986-2002." 26 th Annual Landscape Ecology Symposium, Sustainability in Dynamic Landscapes. Portland, Oregon: April 2011.
		October 2012	Land Cover Changes in an Urban Watershed of the Puget Lowlands, WA, 1985-2002. Society for the Advancement of Chicanos and Native Americans in Science Annual Meeting. Seattle, WA. October 2012.			
Gong	Yue Ray	June 17-19 2011	China's Future Requires Managing a "Right" Urbanization.	Conference Paper	The 5th Annual Conference of International Association of China Planning (Conference Paper).	Yue Ray Gong. (2011). China's Future Requires Managing a "Right" Urbanization. The 5th Annual Conference of International Association of China Planning (Conference Paper). http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5982036
			A Review of the Big Construction Site: Rural Migrant Workers' Life in the Building and Construction Industry (da gongdi: jianzhuyue nongmingong de shengoun tuijing).	Forthcoming Book Review	The China Review, fall issue 2013	Gong, Yue Ray. A Review of the Big Construction Site: Rural Migrant Workers' Life in the Building and Construction Industry (da gongdi: jianzhuyue nongmingong de shengoun tuijing). The China Review, fall issue, 2013.
		2012	The Governmentality of the Local Government in Manufacturing Towns in China.	Presentation	The American Association of Geography Annual Meeting in 2012	The Governmentality of the Local Government in Manufacturing Towns in China. The American Association of Geography Annual Meeting in 2012.
		2012	The Structure of Institutions Channeling Rural Migrants in the Assembly Line	Presentation	The Eighth Graduate Seminar on China, Chinese University of Hong Kong	The Structure of Institutions Channeling Rural Migrants in the Assembly Line. The Eighth Graduate Seminar on China, Chinese University of Hong Kong.
		April 23rd, 2011	Power and Control Inhabiting Rural Migrant Workers in the Chinese Manufacturing Town	Presentation	University of Washington's 2011 Northwest Graduate Student Conference on Transitions & Growth in China	Yue Ray Gong, Power and Discipline Inhabiting Rural Migrant Workers in the Chinese Manufacturing Town. The 5th Annual Conference of International Association of China Planning 2011. University of Washington's 2011 Northwest Graduate Student Conference on Transitions & Growth in China, April 23 rd , 2011
Hong	Jin Hyun	February 8-11 2012	Multilevel analysis of land use, VMT and auto ownership.	Presentation	WRSA 2012 51st Annual Conference, Kauai, HI	Jinhyun Hong (2012). Multilevel analysis of land use, VMT and auto ownership. Proceedings of the WRSA 2012 51st Annual Conference, Kauai, HI, February 8-11.
		October 13-16 2010	Effects of the built environment on motorized travel: A comparative analysis of Seattle and Phoenix.	Presentation	ACSP 2011 52nd Annual Conference, Salt Lake City, UT	Jinhyun Hong, & Qing Shen (2011). Effects of the built environment on motorized travel: A comparative analysis of Seattle and Phoenix. Proceedings of the ACSP 2010 52st Annual Conference, Salt Lake City, UT, October 13- 16.
		July 28-30 2011	How Built Environment Affects Travel Behavior: A Comparative Analysis of the Connections between Land Use and Vehicle Miles Traveled in U.S. Cities	Presentation	WSTLUR Annual Conference, Whistler, British Columbia	Lei Zhang, Jin Hyun Hong, Arefeh Nasri, & Qing Shen (2011). How Built Environment Affects Travel Behavior: A Comparative Analysis of the Connections between Land Use and Vehicle Miles Traveled in U.S. Cities. Proceedings of the WSTLUR Annual Conference, Whistler, British Columbia, July 28-30.
		2012	How Built Environment Affects Travel Behavior: A Comparative Analysis of the Connections between Land Use and Vehicle Miles Traveled in U.S. Cities	Peer Reviewed Paper	Journal of Transport and Land Use	Zhang, L., Hong, J., Nasri, A., & Shen, Q. (2012). How Built Environment Affects Travel Behavior: A Comparative Analysis of the Connections between Land Use and Vehicle Miles Traveled in U.S. Cities. Journal of Transport and Land Use, 5(3), 40-52.
		2013	Residential density and transportation emissions: Examining the connection by addressing spatial autocorrelation and self-selection.	Peer Reviewed Paper	Transportation Research Part D.	Jinhyun Hong & Qing Shen (2013). Residential density and transportation emissions: Examining the connection by addressing spatial autocorrelation and self-selection. Transportation Research Part D, 22, 75-79.
		October 7-10 2010	How do built-environment factors affect travel behavior? A multilevel analysis of their effects.	Presentation	ACSP 2010 51st Annual Conference, Minneapolis, MN	Jin Hyun Hong, Qing Shen, & Lei Zhang (2010). How do built-environment factors affect travel behavior? A multilevel analysis of their effects. Proceedings of the ACSP 2010 51st Annual Conference, Minneapolis, MN, October 7- 10.
		forthcoming 2013	How do built environment factors affect travel behavior?	Peer Reviewed Paper	Transportation	Jinhyun Hong, Qing Shen, & Lei Zhang. How do built environment factors affect travel behavior? A spatial analysis at different geographic scales. Transportation. (forthcoming).
		February 24-27, 2013	How does residential density affect transportation emissions: A reexamination by addressing spatial autocorrelation and self selection.	Paper presentation	WRSA 2013 52nd Annual conference, Santa Barbara, CA	Jinhyun Hong & Qing Shen (2013). How does residential density affect transportation emissions: A reexamination by addressing spatial autocorrelation and self selection. Paper presented at the WRSA 2013 52nd Annual Conference, Santa Barbara, CA, February 24-27.
		November 1-4, 2012	Analyzing land use effects on vehicle emissions: Addressing self-selection and spatial autocorrelation.	Paper presentation	ACSP 2012 53rd Annual Conference, Cincinnati, Ohio	Jinhyun Hong & Qing Shen (2012). Analyzing land use effects on vehicle emissions: Addressing self-selection and spatial autocorrelation. Paper presented at the ACSP 2012 53rd Annual Conference, Cincinnati, Ohio, November 1-4.
Horst	Megan	April 2011	Food Hubs in Seattle, Washington	Presentation	Association of American Geographers Conference, Seattle, April 2011	Horst, M., Ringstrom, E., Tyman, S., Ward, M., Werner, V., and Born, B. Food Hubs In Seattle, Washington. Paper presented at Association of American Geographers Conference, Seattle, April 2011. Manuscript submitted and under review by Journal of Agriculture, Food Systems, Community Development.
		December 2011	Towards a more expansive understanding of food hubs.	Peer Reviewed Paper	Journal of Agriculture, Food Systems, and Community Development	Megan Horst, Eva Ringstrom, Shannon Tyman, Michael K. Ward, Virginia Werner, Branden Born. 2011. Toward a More Expansive Understanding of Food Hubs. Journal of Agriculture, Food Systems, and Community Development, December 2011, pp. 209-225.

Appendix E: Student Presentations and Publications 2010--2013

Last Name	First Name	Date	Paper Title	Type	Publication Title/Event	Citation
		March 2011	A Review of Sustainable Urban Agriculture Land Inventories	APA Paper	American Planning Association	Horst, M. A Review of Sustainable Urban Agriculture Land Inventories. Paper, received Honorable Mention for Student Paper on Food Systems, from American Planning Association, Natural Environment Divisions, March 2011.
Huang	Ruizhu	2012	Genetic and environmental influences on residential location in the US	Peer Reviewed Paper	Health & Place	Duncan, G. E., Dansie, E. J., Strachan, E., Munsell, M., Huang, R., Vernez Moudon, A., Goldberg, J., et al. (2012). Genetic and environmental influences on residential location in the US. <i>Health & Place</i> , 18(3), 515-519
Jiang	Yan	February 24-28 2012	High resolution land cover classification in urban environment using NAIP CIR imagery and LIDAR data.	Presentation	<i>Annual Meeting of Association of American Geographers (AAG)</i> , New York City.	Jiang, Y., 2012. High resolution land cover classification in urban environment using NAIP CIR imagery and LIDAR data. <i>Annual Meeting of Association of American Geographers (AAG)</i> , February 24-28, New York City.
		July 12-16 2010	Parcel level imperviousness by development types across urban gradient.	Presentation	2010 ESRI International User Conference	Jiang, Y., 2010. Parcel level imperviousness by development types across urban gradient. Presented at the 2010 ESRI International User Conference, July 12-16, San Diego, California.
Kang	Bumjoon	forthcoming 2013	Walking objectively measured: Classifying accelerometer data with GPS and travel diary data.	Peer Reviewed Paper	Medicine and Science in Sports & Exercise	Kang, B., Moudon, A.V., Hurvitz, P.M., Reichley, L. & Saelens, B.M. (forthcoming). Walking objectively measured: Classifying accelerometer data with GPS and travel diary data. <i>Medicine & Science in Sports & Exercise</i> .
		April 9, 2013	An algorithm to integrate sidewalk data with transportation network data in GIS.	Presentation with Jason Scully	2013 Association of American Geographers Annual Meeting	Kang, B., Scully, J.Y., Stewart, O., Hurvitz, P.M., & Moudon, A.V. An algorithm to integrate sidewalk data with transportation network data in GIS. 2013 Association of American Geographers Annual Meeting, April 9, 2013.
		November 1-4, 2012	Assessing the accuracy of selfreport walk trips with accelerometer data.	Presentation	53rd Annual ACSP (Association of Collegiate Schools of Planning) Conference	Kang, B., Moudon, A.V., Hurvitz, P.M., Reichley, L. & Saelens, B.M. (2012). Assessing the accuracy of selfreport walk trips with accelerometer data. 53rd Annual ACSP (Association of Collegiate Schools of Planning) Conference, Cincinnati, OH.
Kim	Chung Ho	March 18, 2013	The Korean New Village Movement under Park Chung Hee.	Presentation	Workshop New Socialist Villages on the Chengdu Plain, Department of Anthropology, UW	Kim, C.H. (March 18, 2013). The Korean New Village Movement under Park Chung Hee. Workshop New Socialist Villages on the Chengdu Plain, Department of Anthropology, University of Washington.
		Upcoming 2013	The Ecological Impact of the Korean Saemaul (New Rural Community) Movement, 1970-1979.	Upcoming Presentation	7th International Association of China Planning (IACP) Conference, Shanghai, China	Kim, C.H. (Upcoming 2013). The Ecological Impact of the Korean Saemaul (New Rural Community) Movement, 1970-1979. Abstract accepted to the 2013 7th International Association of China Planning (IACP) Conference, Shanghai, China.
		Upcoming 2013	Quest for Clean Air for Cyclist.	Upcoming Presentation	Bicycle Urbanism Conference, Seattle, WA	Bae, C., Bassok A., Kim C.H. (2013) Quest for Clean Air for Cyclist (abstract accepted to the Bicycle Urbanism Conference, Seattle, WA.)
Krause	Andy	2012	Contaminated properties, trespass, and underground rents	Peer Reviewed Paper	Journal of Property Investment & Finance	Krause, A., R. Throupe, J. Kilpatrick, and W. Spiess. (2012) Contaminated properties, trespass, and underground rents, <i>Journal of Property Investment & Finance</i> 30(3), 304 - 320.
		2012	Spatial Econometrics, Land Values and Sustainability: Trends in Real Estate Valuation	Peer Reviewed Paper	Current Research on Cities	Krause, A. and C. Bitter. (2012) Spatial Econometrics, Land Values and Sustainability: Trends in Real Estate Valuation. <i>Cities: Current Research on Cities, Vol 29, S2. pp. 19-25.</i>
		2012	Re-Urbanism or Bigger 'Burbs'?: The Implications of Demographic Change for Housing Markets	Peer Reviewed Paper	Journal of Housing Economics	Bitter, C. and A. Krause. Re-Urbanism or Bigger 'Burbs'?: The Implications of Demographic Change for Housing Markets. at <i>Journal of Housing Economics</i>
		April 2011	Reurbanism or Bigger Burbs? The Implications of Demographic Change for Housing Demand and Cities	Presentation	American Real Estate Society Conference, Seattle, WA	Bitter, C., and A. Krause. "Reurbanism or Bigger Burbs? The Implications of Demographic Change for Housing Demand and Cities." American Real Estate Society Conference, Seattle, WA, April 2011
		February 2012	Exploring an N-dimensional locally weighted regression technique for home price estimation	Presentation	Western Regional Science Association Annual Meeting, Kauai, Hawaii	Krause, A. Expanding GWR: Exploring an N-dimensional locally weighted regression technique for home price estimation. Presented at the Western Regional Science Association Annual Meeting, Kauai, Hawaii, February 2012.
		2011	An Iterative Approach to Minimizing Valuation Errors Using an Automated Comparable Sales Model	Peer Reviewed Paper	Journal of Property Tax Assessment and Administration	Forthcoming Journal Article: Krause, A., and M. Kummerow. 2011. "An Iterative Approach to Minimizing Valuation Errors Using an Automated Comparable Sales Model", <i>Journal of Property Tax Assessment and Administration</i> , Q3...pages unknown.
		April 2011	Geographically and Structurally Weighted Regression: An Exploration in House Price Modeling	Presentation	American Real Estate Society Conference, Seattle, WA	Krause, A. "Geographically and Structurally Weighted Regression: An Exploration in House Price Modeling". American Real Estate Society Conference, Seattle, WA, April 2011
		Feb 24-27th	Exploring the Re-Urbanism Hypothesis through an Analysis of Land Market Trends	Presentation	Western Regional Science Association Annual Meeting, Santa Barbara, CA.	Krause, A. Exploring the Re-Urbanism Hypothesis through an Analysis of Land Market Trends. Western Regional Science Association Annual Meeting, Santa Barbara, CA, February 24-27th, 2013.
		April 10-13th 2013	On Land Values and Urban Intensifications	Presentation	American Real Estate Society (ARES) Meeting, Doctoral Research Seminar, Kohala Coast, Hawaii, April 10-13th 2013.	Krause, A. On Land Values and Urban Intensifications. American Real Estate Society (ARES) Meeting, Doctoral Research Seminar, Kohala Coast, Hawaii, April 10-13th 2013.
Michalak	Julia	2012	Effects of habitat and landscape structure on Oregon white oak (<i>Quercus garryana</i>) regeneration across an urban gradient	Peer Reviewed Paper	Northwest Science	Michalak, J. <i>In-Press</i> . Effects of habitat and landscape structure on Oregon white oak (<i>Quercus garryana</i>) regeneration across an urban gradient. Northwest Science.
		April 2011	Effects of Landscape Pattern on Oak Dispersal and Regeneration in an Urban Landscape	Presentation	U.S. International Association for Landscape Ecology (US-IALE) symposium, Portland, OR.	Michalak, J. "Effects of Landscape Pattern on Oak Dispersal and Regeneration in an Urban Landscape." April 2011. U.S. International Association for Landscape Ecology (US-IALE) symposium, Portland, OR.
		December 2010	Effects of Landscape Pattern on Oak Dispersal and Regeneration in an Urban Landscape	Presentation	A Conference on Ecosystem Services (ACES), Phoenix, AZ	Michalak, J. "Effects of Landscape Pattern on Oak Dispersal and Regeneration in an Urban Landscape." December 2010. A Conference on Ecosystem Services (ACES), Phoenix, AZ.

Appendix E: Student Presentations and Publications 2010--2013

Last Name	First Name	Date	Paper Title	Type	Publication Title/Event	Citation
Patterson	Matt	2013	Private residential urban forest structure and carbon storage in a moderate-sized urban area in the Midwest, United States.	Peer Reviewed Paper	Urban Forestry and Urban Greening.	Schmitt-Harsh, M., Mincey, S.K., Patterson, M., Fischer, B.C. and Tom P. Evans. Private residential urban forest structure and carbon storage in a moderate-sized urban area in the Midwest, United States. 2013, Urban Forestry and Urban Greening.
Tenneson	Karis	2012	Linking yard care to property characteristics and homeowner values	Presentation	A Community on Ecosystem Services and Ecosystem Markets: Linking Science, Practice and Decision Making Conference, Miami, FL	Puruncajias, K. 2012. Linking yard care to property characteristics and homeowner values. A Community on Ecosystem Services and Ecosystem Markets: Linking Science, Practice and Decision Making Conference, Miami, FL.
		forthcoming 2013	Urban Forest Ecosystem Values: assessments across multiple landscapes.	Report		Tenneson, K., L. Ciecko, D. Blahne, K. Wolf, and M. Lee. (forthcoming). Urban Forest Ecosystem Values: assessments across multiple landscapes. US Forest Service General Technical Report.
		2013	The Snohomish Basin 2060 Scenarios: adapting to an uncertain future.	Report		Alberti, M., M. Russo and K. Tenneson. 2013. The Snohomish Basin 2060 Scenarios: adapting to an uncertain future. The Urban Ecology Research Lab, funded by the Bullitt Foundation
		2012	Seattle's Forest Ecosystem Values. Analysis of the structure, function, and economic benefits.	Report		Ciecko, L., K. Tenneson, J. Dillely and K. Wolf. 2012. Seattle's Forest Ecosystem Values. Analysis of the structure, function, and economic benefits. Green Cities Research Alliance
Rishi	Susmita	April 2013	Twilight in Delhi: Uneven Developed in India's Capital City.	Presentation	American Association of Geographer's Annual Meeting in Los Angeles	Chalana, Manish & Rishi, Susmita. April 2013. Twilight in Delhi: Uneven Developed in India's Capital City. Presented at American Association of Geographer's Annual Meeting in Los Angeles
Roderick	Mary	February 2012	CyberGIS Development: Two Approaches to Emergency Management Innovation	Presentation	American Geographers Conference	Mary Roderick and Tim Nyerges; CyberGIS Development: Two Approaches to Emergency Management Innovation; Association of American Geographers Conference; 2/2012
		April 2012	CyberGIS Design Considerations for Structured Participation in Collaborative Problem Solving	Presentation	IJGIS (International Journal of GIS)	Tim Nyerges, Michalis Avraam & Mary Roderick; CyberGIS Design Considerations for Structured Participation in Collaborative Problem Solving; IJGIS (International Journal of GIS); 4/2012
		March 12, 2011	Refocusing Ecological Urban Design: From Renewing Seattle's Waterfront to Resilience for Elliott Bay-Puget Sound	Presentation	Resilience 2011 Conference	Mary Roderick and Dr. Bob Mugerauer; Refocusing Ecological Urban Design: From Renewing Seattle's Waterfront to Resilience for Elliott Bay-Puget Sound; Resilience 2011 Conference; March 12, 2011
		August 6-9, 2012	PGIST and Participatory Evaluation in CyberGIS.	Presentation	1st International Conference on Space, Time and CyberGIS. National Center for Supercomputing Application, University of Illinois-Urbana Champaign,	Mary Roderick and Tim Nyerges. 2012. PGIST and Participatory Evaluation in CyberGIS. Presentation at the 1st International Conference on Space, Time and CyberGIS. National Center for Supercomputing Application, University of Illinois-Urbana Champaign, August 6-9 2012.
		August 6-9, 2013	Structured Participation Toolkit for Collaborative Problem-Solving.		1st International Conference on Space, Time and CyberGIS. National Center for Supercomputing Application, University of Illinois-Urbana Champaign,	Mary Roderick. 2012. Structured Participation Toolkit for Collaborative Problem-Solving. Presentation at the 1st International Conference on Space, Time and CyberGIS. National Center for Supercomputing Application, University of Illinois-Urbana Champaign, August 6-9 2012.
		forthcoming 2013	CyberGIS implementation considerations for structured participation methods in collaborative problem solving.	Book Chapter	CyberGIS: Fostering a New Wave of Discovery and Innovation	Roderick, Mary, Tim Nyerges, Michalis Abraam. 2013. CyberGIS implementation considerations for structured participation methods in collaborative problem solving. In CyberGIS: Fostering a New Wave of Discovery and Innovation, eds. Shaowen Wang and Michael Goodchild. Springer (forthcoming).
		April 6-10, 2013	Sustainability Information Science: Core Concepts and Methodology.	Presentation	Association of American Geographers Annual Meeting, Los Angeles	Nyerges, Tim and Mary Roderick. 2013. Sustainability Information Science: Core Concepts and Methodology. Presentation at the Association of American Geographers Annual Meeting, Los Angeles, CA, April 6-10, 2013
		April 6-10, 2014	Participatory CyberGIS: Design and implementation considerations.	Presentation	Association of American Geographers Annual Meeting, Los Angeles	Roderick, Mary. 2013. Participatory CyberGIS: Design and implementation considerations. Presentation at the Association of American Geographers Annual Meeting, Los Angeles, CA, April 6-10, 2013
Scully	Jason	April 9, 2013	An algorithm to integrate sidewalk data with transportation network data in GIS.	Presentation with Bumjoon Kang	2013 Association of American Geographers Annual Meeting	Kang, B., Scully, J.Y., Stewart, O., Hurvitz, P.M., & Moudon, A.V. An algorithm to integrate sidewalk data with transportation network data in GIS. 2013 Association of American Geographers Annual Meeting, April 9, 2013.
Spirandelli	Danile	May 2012	Wastewater infrastructure types across a gradient of urbanization	Presentation	JPER Writing Workshop	Spirandelli; Wastewater infrastructure types across a gradient of urbanization; JPER Writing Workshop; May 2012
		February 17, 2010	Assessing land use, land cover, and wastewater infrastructure for shellfish in the Puget Sound nearshore	Presentation	20th Annual Review of Research, The Water Center, University of Washington	Spirandelli, D. "Assessing land use, land cover, and wastewater infrastructure for shellfish in the Puget Sound nearshore"; 20th Annual Review of Research, The Water Center, University of Washington, February 17, 2010.
Young	Stefanie	July 2013	Resilience and Transaction Cost Economics	Presentation	ACSP/AESP	Young, Stefanie and Jan Whittington. Resilience and Transaction Cost Economics. Upcoming presentation ACSP/AESP in July.

Appendix E: Student Awards 2011--2013

Student Name	First Name	Award
Bleibleh	Sahera	The Palestinian American Research Center Fellowship 2011- Dissertation Research in the City of Nablus, Palestine
Estiri	Hossein	Mortar Board Alumni/Tolo Foundation Margery Phillips Scholar (2010)
Fuentes	Tracy	Bullit Foundation Grant recipient 2009
Gong	Yue	China Program Fellow / Small Grants for Doctoral Research, UW 2012 The Graduate Seminar on China Travel Award, Chinese University of Hong Kong 2012
Hong	Jin Hyun	CSSS Grad Student Research and Presentation Training Grant Award, University of Washington 2013 Best Overall Paper (Team), World Symposium on Transport & Land Use Research, 2011
Horst	Megan	Honorable mention, APA food systems student paper competition, Fall 2011 Jay Bee Memorial Scholarship, awarded by UW Urban Design and Planning Department, Spring 2011
Huang	Ruizhu	Urban Design and Planning Outstanding PhD Student Award 2010-2011
Kang	Bumjoon	Urban Design and Planning Outstanding PhD Student Award 2011-2012
Kim	Chung Ho	2012 Korean Honor Scholarship (\$1000), Winner, the Embassy of the Republic of Korea, Sep 2012 Best Student Paper Award, at the 7th International Association for China Planning (IACP) Conference 2013
Krause	Andy	Western Regional Science Association (WRSA) Student Paper Finalist, 2013 American Real Estate Society (ARES) Doctoral Travel Grant Award, 2013 Lincoln Land Institute Doctoral Fellowship Award, 2013-2014
Michalak	Julia	Urban Design and Planning Outstanding PhD Student Award 2009-2010 Huckabay Teaching Fellowship 2010
Sandlin	Gail	US EPA STAR Doctoral Fellowship, 3 year tuition and stipend
Scully	Jason	Georgia Institute of Technology FOCUS Fellow, 2014
Tovey III	J.D.	Huckabay Teaching Fellowship for 2013-2014

**Appendix F: Urban Design and Planning
Dissertation Titles, 1988 to Present**

<u>Last Name</u>	<u>First Name</u>	<u>Dissertation Title</u>	<u>Entered</u>	<u>PhD Rec</u>	<u>Yrs.</u>	<u>Chair</u>
Michalak	Julia	Addressing empirical complexity and uncertainty in ecological planning: a case study of the effects of urbanization and climate change on Oregon white oak (<i>Quercus garryana</i>) in the Pacific Northwest	Aut 07	Aut 13	6.3	Alberti, M.
Krause	Andy	A Data System, Housing Growth Evaluation and Analysis of Redevelopment Probability: A Look at Seattle's Urban Villages	Aut 10	Aut 13	3.3	Bitter, C.
Tenneson	Karis	The residential urban forest: linking structure, function and management	Aut 06	Aut 13	7	Alberti, M.
Gong	Yue	Manufacturing Towns in China: Governance, Space, and Conveyance of Rural Migrants to the Assembly Line	Aut 08	Aut 13	5	Abramson, D.
Baek	So-ra	The Built Environment, Walking, and Physical Activity: A Comparison between Korean Immigrants and Caucasian Women in King County, WA	Aut 08	Aut 13	6	Bae, C.
Hong	Jinhyun	The Effects of Built Environments on Transportation Emissions	Aut 07	Spr 13	6	Shen, Q.
Kang	Bumjoon	Objectively Measured Walking and the Built Environment	Aut 08	Win 13	4.5	Moudon, A.
Bleibleh	Sahera	Everyday Life: Spatial Oppression and Resilience under the Israeli Occupation. The Case of the Old Town of Nablus, Palestine	Aut 07	Sum 12	5	Mugerauer, R
Sandlin	Gail	Seattle's Interstate 5 Proximity Land Use Patterns: An Interdisciplinary Narrative	Aut 01	Aut 11	10	Bae, C.
Dawwas	Emad	Spatio-temporal Analysis of Urban Development Patterns in Palestinian Communities: Bethlehem-Hebron Region (BHR) as a Case	Aut 06	Aut 11	5	Miller, D.
Jiao	Junfeng	The Relationship between Built Environments and the Grocery Shopping Travel Behavior	Aut 06	Aut 10	4	Moudon, A.
Hurvitz	Phil	BEST MoveS: The Built Environment Space-Time MOVEMENT Study, A Framework for Objective Measurement of Behavior, Movement and Exposure in Urban Environments	Aut 03	Aut 10	7	Moudon, A.
Park	Sueunghoon	Urban Form Correlates of Crime	Aut 05	Aut 10	5	Moudon, A.
Al-Noubani	Ahmed	Dynamics of Land-Use and Land-Cover Change: the Case of Palestinian West Bank	Aut 06	Sum 10	4	Alberti, M.
Lin	Lin	An Ecological Study of Children Commuting to School	Aut 05	Sum 10	5	Moudon, A.
Hsu	David	An Evaluation of the Effects of a Pricing Policy on the Water Consumption of Heterogeneous Households in Seattle	Aut 05	Spr 10	5	Waddell, P.
Bassok	Alon	The Effectiveness of Regional Growth Center Policy at Increasing Transit Use	Aut 04	Aut 09	5	Bae, C
Bjorn	Andrew	Essays on examining the impacts of land cover on housing prices in King County, Washington using Bayesian model averaging and geographically weighted regression	Aut 02	Sum 09	7	Waddell, P.
Wang	Liming	Advances in integrated urban modeling: microsimulation models of the housing market, real estate development, and workplace choice	Aut 02	Sum 09	7	Waddell, P.
Lee	Brian	Accessibility and Location Choice: Innovations in Measurement and Modeling	Aut 03	Spr 09	6	Waddell, P.
De Montigny	Luc	Discarded needles and the urban environment: a spatial analysis of attractors, deterrents and disposal options	Aut 03	Aut 08	5	Moudon, A.
Lee	Ming-Chun	Towards a Re-conceptualization of Community-based Computer Learning Programs: Five Case Studies of Community Technology Projects in Seattle.	Aut 02	Aut 08	6	Blanco, H.

**Appendix F: Urban Design and Planning
Dissertation Titles, 1988 to Present**

<u>Last Name</u>	<u>First Name</u>	<u>Dissertation Title</u>	<u>Entered</u>	<u>PhD Rec</u>	<u>Yrs.</u>	<u>Chair</u>
Kondo	Michelle	Building Political Community via Annexation in White Center, WA: the Role of Culture and Translation	Aut 03	Sum 08	5	Alterti/Kahn
Dooling	Sarah	Closing the Policy Gap: Notions of Home Among Homeless	Aut 02	Sum 08	6	Mugerauer, R
Franklin	Joel	The Distributional Effects of Transportation Policies: Applying Non-Parametric Measures to Urban Models	Aut 01	Sum 06	5	Waddell, P.
Greve	Adrienne	Toward a More Complex Understanding of Urban Stream Function: Assessing Post-Development Recovery Period and Channel Morphology and the Relationship between Urban Form, Land Cover Pattern, and Hydrologic Flow Regime	Aut 02	Win 07	5	Alberti, M.
Kim	Hyungtai	Modeling Employment Location Using Micro-scale Data in the Puget Sound Region	Aut 99	Aut 06	7	Waddell, P.
Sohn	Dongwook	Assessment of Market Preference for Smart Growth: the effects of neighborhood land use and urban design principles on property values	Aut 02	Sum 06	4	Moudon, A.
Husnein	Adnan	Tracing Libyan Modernities: A Century of Urban Renovation in Tripoli, 1850-1950	Aut 91	Win 06	15	Hancock, J.
Shandas	Vivek	Towards an Integrated Approach to Watershed Planning: The role of land cover, human preference, and biotic condition in managing Puget Sound lowland streams	Aut 00	Win 06	5	Alberti, M.
Khiati	Tarik	Urban Forms Under Colonial Dominance: Making Algiers French (1830-1880)	Sum 92	Sum 04	12	Ryan, D.
Kim	Sungyop	Neighborhood Residential Location Choice of the Elderly: A Study of the Elderly in the Puget Sound Region of Washington	Aut 00	Sum 04	4	Waddell, P.
Lee	Chanam	Built Environment and Active Living	Aut 99	Sum 04	5	Moudon, A.
Hovey	Bradshaw	Making the Portland Way of Planning: The Structural Power of Language: Stories from Community Planning, 1969--2001	Aut 92	Spr 03	11	Hancock, J.
Lee	Jeasun	Enhancing Sustainability in Downtown by Tri-Values Adding to Urban Redevelopment Efforts: A Case Study of Seoul, Korea	Aut 99	Sum 03	4	Blanco, H.
Mathur	Shishir	Effect of Impact Fees on Housing Prices: Analysis of Quality Differentiated Single Family Housing Market of King and Snohomish County, Washington	Aut 99	Spr 03	4	Blanco, H.
Garrido	Charlotte	We, the Human Element: Affirming Women's Community Development in Kitsap County, Washington	Aut 89	Spr 02	13	Hancock, J.
Ngo-Viet	Nam-Son	Integration of the Shopping Center with its Surroundings: Redmond Town Center (Redmond, WA)	Aut 98	Su 02	4	Moudon, A.
Gosling	Cristina	The Urbanization of Colonial Brazil: An Incremental Approach	Aut 93	Aut 01	8	Findlay, J.
Carruthers	John	Evaluating the Effectiveness of Regulatory Growth Management Programs: An Interregional Analysis	Aut 98	Spr 01	3	Harrington, J.W
Hess	Paul	Pedestrians, Networks, and Neighborhoods: A Study of Walking Within Medium Density, Mixed-Use Environments in the Puget Sound Region	Aut 94	Su 01	7	Moudon, A.
Krizek	Kevin	Relationships Between Neighborhood-Scale Urban Form, Travel Behavior, and Residential Location: Implications for Land use and Transportation Planning and Policy	Aut 96	Spr 01	5	Waddell, P.
Pirzadeh	Ali	The Impact of the Structural Adjustment Program in Romania	Aut 87	Win 01	14	Pivo, G.

**Appendix F: Urban Design and Planning
Dissertation Titles,1988 to Present**

<u>Last Name</u>	<u>First Name</u>	<u>Dissertation Title</u>	<u>Entered</u>	<u>PhD Rec</u>	<u>Yrs.</u>	<u>Chair</u>
Sinclair	Marion Ryan	The Experience of Exclusion: Strategies of Adaptation Among Immigrants in Post-Apartheid Urban South Africa	Aut 92	Spr 01	9	Spain, D.
Suthirant	Yaourai	The Transportation Crisis in Bangkok: An Exploratory Evaluation	Aut 97	Spr 01	4	Blanco, H.
Lee	Shi Chul	Variation in Acceptance of Regulatory Growth Management Policy: Korea's Green Belt Case	Aut 96	Aut 00	4.3	Miller, D.
Lee	Sohyun Park	Planning and Design for Fringe Districts in Downtown Seattle, 1958-1973	Aut 95	Aut 00	5	Findlay, J.
Chapin	Timothy C.	Urban Revitalization Tools: Assessing the Impacts of Sports Stadia at the Microarea Level	Aut 94	Sum 99	5	Morrill, R.
LaFond	Michael	From Century 21 to Local Agenda 21: Sustainable Development and Local Urban Communities in East and West Berlin (Germany), and Seattle (United States)	Aut 93	Win 99	5.5	Miller, D.
Oh	Sekyung	The Relationship between Resident Satisfaction and Apartment Forms: A Case Study in the Seoul Metropolitan Area, Korea	Aut 90	Spr 99	9	Moudon, A.
Stanilov	Kiril	Urban Growth, Land Use Change, and Metropolitan Restructuring: The Case of Greater Seattle, 1960-90	Aut 92	Sum 98	6	Moudon, A.
Suen	I-Shian	Measuring Sprawl: A Study of Residential Development Pattern and its Impacts on Infrastructure Costs in King County, Washington	Aut 88	Sum 98	10	Bell, E.
Grosso	Laura M.	Computing Collaboration: A Study on the Potential of Model Building to Facilitate Urban Water Supply Planning in Selected Cities of Zimbabwe, Estonia and Sweden	Aut 93	Aut 97	4.3	Mar, B.
Logsdon	Miles G.	Modeling Land Cover Change under Conditions of Multi-Scaled Spatial Data: An Application of Landscape Ecology in Environmental Planning	Aut 89	Win 97	8	Westerlund, F.
Pittari	John J.	Practical Idealism: Frederick Law Olmsted, Jr., and the Modern American City Planning Movement	Aut 88	Spr 97	9	Hancock, J.
Sakrison	Rodney	Summer Water Use in Compact Communities: The Effect of Small Lots and Growth Management Plans on Single-Family Water Use in King County, Washington	Aut 92	Win 97	5	Mar, B.
Siebert	Loren	Creating a GIS Spatial History of Tokyo	Aut 90	Spr 97	7	Hancock, J.
Tuttle	Catherine	Being Outside: How High and Low Income Residents of Seattle Perceive, Use and Value Urban Open Space	Aut 89	Win 97	8	Moudon, A.
Assaf	Dena	From Stones to Structures: A Sustainable Future for Development in the West Bank--Palestine.	Aut 88	Aut 96	8	Ryan, D.
Grenier	Dale	Perspectives on African-American attitudes toward the importance and value of the natural environment	Aut 91	Win 96	5	Hancock, J.
Kang	Min Jay	Urban Transformation and Adaptation in Bangka, Taipei: Marginalization of a Historical Core	Aut 91	Sum 96	5	Hancock, J.
Zaferatos	Nicholas C.	Political Sovereignty in Native American Community Development: Implications for Tribal Planning Strategies	Aut 86	Spr 96	10	Miller, D.
Lee	Lik Meng	A Method for Generating Alternative Land Use Plans Using GIS Modeling Techniques	Aut 91	Win 95	4.5	Bell, E.

**Appendix F: Urban Design and Planning
Dissertation Titles,1988 to Present**

Last Name	First Name	Dissertation Title	Entered	PhD Rec	Yrs.	Chair
Frank	Lawrence D.	An Analysis of Relationships between Urban Form and Travel Behavior	Aut 90	Win 94	3.5	Pivo, G.
Kim	Yoon-Ha	Land Evaluation for a Strategic Site Selection of Regional Parks: The Case of Recreational Land Use Planning in Korea	Aut 84	Sum 94	10	Westerlund, F.
Kitajima	Seiko	The State, Capital, and Social Forces: Mutsu-Ogawara Kaihatsu--The Political Economy of Japanese Regional Development Planning	Aut 88	Win 94	5.5	Ludwig, R.
Merey	Zeynep	From Traditional House to Apartment House: Continuity and Change in Istanbul's Residential Neighborhoods	Aut 83	Sum 94	11	Hancock, J.
Wong	Rose	Sweet Cakes, Long Journey: A Social and Urban History of Portland, Oregon's First Chinatown	Aut 87	Spr 94	7	Ryan, D.
Abbott	Norman A.	Variables Associated with the Effectiveness of Growth Management and Planning Tools	Aut 89	Sum 93	4	Pivo, G.
Piro, Jr.	Rocky E.	Growth Management in an Urban Regional Context: The Contemporary Transformation of Regional Development Planning from a Governance Perspective	Aut 86	Spr 93	7	Miller, D.
Adekanbi	Taiwo	Planning of Mental Health Systems in Developing Countries: Nigeria as a Case Study	Aut 82	Aut 92	10	Grey, A.
Glatzel	Karen	Planning Response to the Physical Impacts of Sea-Level Change on Coastal Land Use	Aut 86	Win 92	5	Grey, A.
Kim	Kwang Joong	Regulatory Impacts on Suburban Residential Form: a case study of Bellevue, WA	Aug-87	Sum 92	5	Moudon, A.
Mehary	Berhane	An Integrated Model for Appropriate Planning and Design for Transitional Urban Settlements in Developing Countries with Emphasis on Eritrean and Ethiopian Communities	Aut 89	Win 92	2.5	Westerlund, F.
Mubarak	Faisal A.	Urbanization, Urban Policy and City Form: Urban Development in Saudi Arabia	Aut 87	Aut 92	5	Hancock, J.
Brooks	Kerry	Lots of Space: An Analysis of Mandated Open Spaces in the Unincorporated Subdivisions of King County, Washington	Aut 83	Aut 91	8	Miller, D.
Seif	Farouk	Semiotics and Urban Morphogenesis: Metaphysical Aspects of Ancient Egyptian Monumentality as a Theoretical Approach to urban Form	Aut 86	Aut 90	4	Nyberg, F.
Zamzami	Abdulrad	A Comparative Study of the Retail Structure as an Approach to Contemporary Arab-Islamic Planning	Win 84	Spr 90	6	Grey, A.
Boden	Roger	The Urban Designer as Interpretant--A Case Study from a Developing Country	Aut 84	Sum 89	5	Ryan, D.
Min	Chang Kee	The Interaction between Institutions of Higher Education and High-Technology Industry: Two Empirical Case Studies of Selected Factors in Korea	Aut 84	Sum 89	5	Ryan, D.
Schurch	Thomas	Cultural Ethic and the Urban Landscape: A Basis for Sustained Community	Aut 86	Spr 89	3	Johnson
Choo	Steven Kian-Koon	Urban Renewal Planning for City States: A Case Study of Singapore	Aut 83	Spr 88	5	Wolfe
Thaxton	Verel	A Guidance Model on the Points of Influence in the Role of the Educational Planner in the Planning and Decision Making Process	Aut 80	Aut 88	8	Grey, A.

Appendix G: Student Demographics

	Academic Year (Autumn Quarter)									
	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Enrolled or on leave	22	22	23	20	23	23	24	24	25	24
Male	13	15	13	12	15	13	13	11	13	14
Female	9	7	10	8	8	10	11	13	12	10
Male/Female Ratio	1.44	2.14	1.30	1.50	1.88	1.30	1.18	0.85	1.08	1.40
Ethnic Minority	5	5	4	3	2	3	4	3	5	4
% Minority	22.7%	22.7%	17.4%	15.0%	8.7%	13.0%	16.7%	12.5%	20.0%	16.7%
International	9	7	12	12	15	13	12	12	9	6
% International	40.9%	31.8%	52.2%	60.0%	65.2%	56.5%	50.0%	50.0%	36.0%	25.0%
Washington Residents	9	11	9	4	5	6	8	9	8	11
% Residents	40.9%	50.0%	39.1%	20.0%	21.7%	26.1%	33.3%	37.5%	32.0%	45.8%

Strategic Plan 2008-2013

Interdisciplinary Ph.D. Program in
Urban Design and Planning
University of Washington

Revised October 2008

Table of Contents

Section	Page
1. Overview	1
2. Trends in Society, Urban Design Field and Research, and Graduate Education.	5
3. Strategic Planning Elements	12
4. Vision and Mission	15
5. Strategic Plan Introduction: Overarching Goals, Strategies, and Benchmarks... ..	16
6. Overarching Goals, Strategies, and Benchmarks	17
7. Ongoing Operation and Monitoring	22
Appendix	29
References	30
Participants	31

1. Overview

The Ph.D. in Urban Design and Planning at the University of Washington is one of 39 Ph.D. programs in urban and regional planning in North America, and one of the oldest, founded in 1967. The interdisciplinarity of the program has always been recognized and fostered by the University, reflected in 1991 by the genesis of the Interdisciplinary PhD Program in Urban Design and Planning that we know today.

This program brings together faculty from disciplines ranging from Architecture to Sociology to focus on the interdisciplinary study of urban problems and interventions. Covering scales from neighborhoods to metropolitan areas, the program addresses interrelationships between the natural environment, the built environment, and the social, economic, and political institutions and processes that shape urban areas. The breadth of this program permits students to pursue doctoral studies in the various aspects of urban design and planning as well as in a number of related social science, natural resource, and engineering areas.

The Program seeks to prepare scholars who can advance the state of research, practice, and education related to the built environment and its relationship to society and nature in metropolitan regions throughout the world. The program provides a strong interdisciplinary educational experience that draws on the resources of the entire University and on the laboratory provided by the Seattle metropolitan region and the Pacific Northwest. The program emphasizes the educational values of interdisciplinarity, intellectual leadership and integrity, and the social values of equity, democracy and sustainability. It seeks to promote a deeper understanding of the ways in which public decisions shape and are shaped by the urban physical, social, economic, and natural environment.

The intellectual focus of the Ph.D. program is unique in bringing together interdisciplinary perspectives from the social and natural sciences, humanities, and design and planning disciplines, and applying them to the formation and evaluation of urban and environmental plans and policies.

- It seeks to explore interactions among built urban form; urban markets for real estate, labor, public services and infrastructure; urban social and political institutions and processes; and urban ecological patterns and processes. Study of these interactions draws on the disciplines of economics, geography, history, sociology, political science, and ecology, among others.
- It seeks to explore ways of applying the interdisciplinary understanding of these interactions to informing the development and evaluation of plans and policies related to land use, housing, transportation and other infrastructure, and the environment. These applications draw on the fields of urban planning, urban design, landscape architecture, forest resources, policy analysis, and civil engineering.

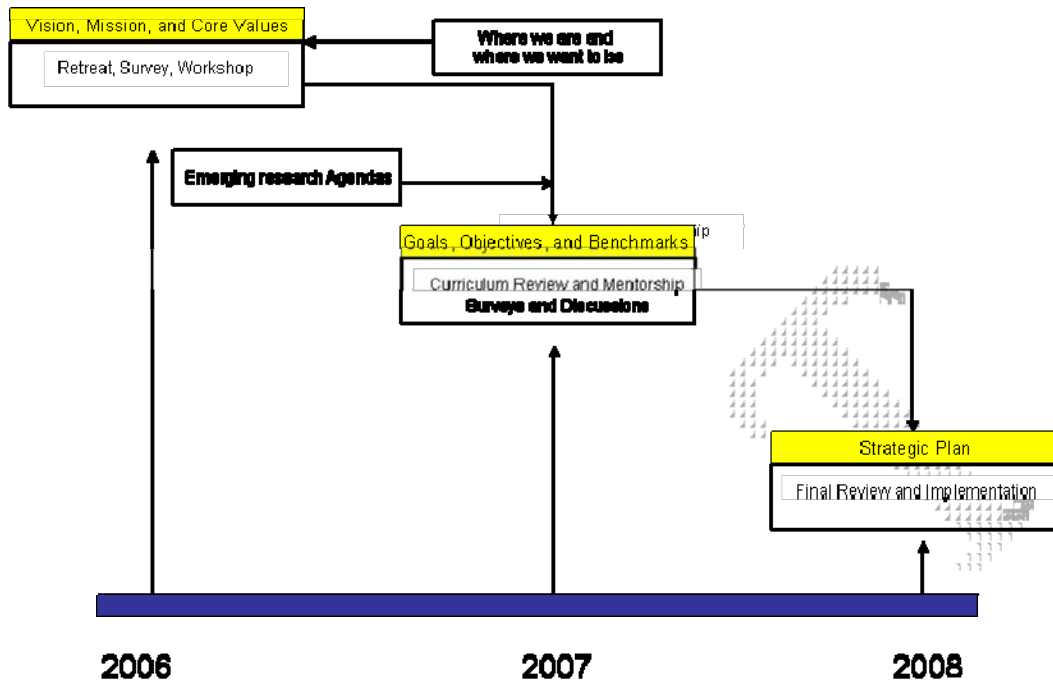
- It seeks to employ research methods and approaches that promote advancement of theory and the empirical testing of theory, in order to make contributions to the advancement of scholarship and practice in the areas of urban and environmental planning and policy. Research methods range from qualitative to quantitative techniques, including such tools as GIS and simulation modeling.

The Graduate School Council program review of the Interdisciplinary PhD Program in Urban Design and Planning concluded that the program is “on the brink of becoming a top tier program” and recommended that, “a new round of strategic planning be launched in the immediate future to build on recent accomplishments while engaging a wider range of faculty in charting a clear course for the future.” During the last two years the process of envisioning the Program’s strategic plan has produced broad discussions and reflections of faculty and students in three consecutive initiatives. First, through a process of appreciative inquiry, an initial retreat, held on November 4th, 2006 focused on the broad issues necessary for developing the program’s strategic plan, such as:

- What are the important **trends**?
- What are the important **questions**?
- Who are the **stakeholders**?
- What process should be **utilized**?
- What are the key **elements** of the plan?
- What are the **indicators** or **benchmarks**?

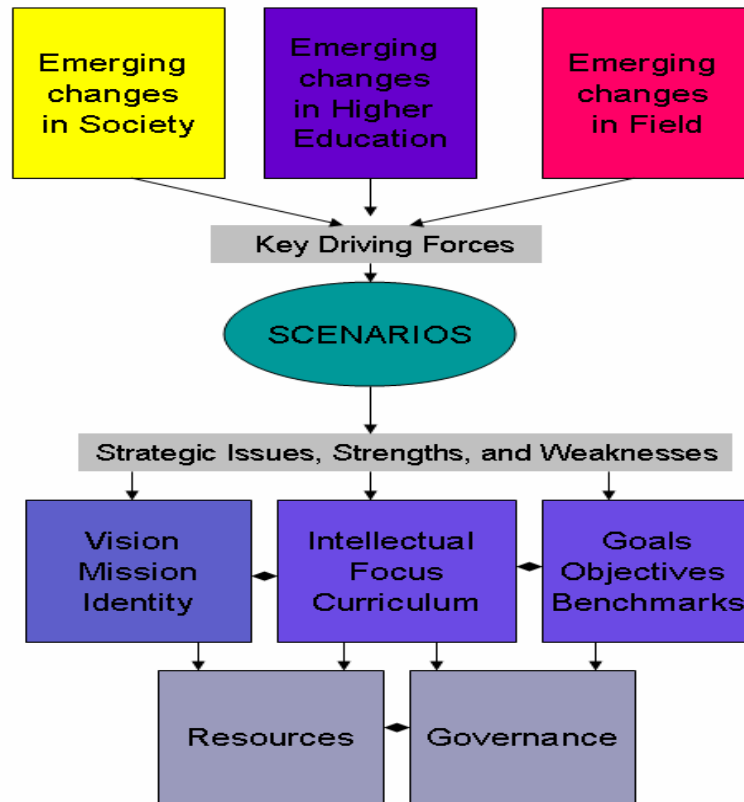
The retreat was followed by an on-line survey. The survey queried current faculty, students and alumni for their views and recommendations on the Program’s vision, mission, core values, identity, intellectual focus, core competencies and indicators of success. The survey was followed up with a workshop that further explored these topics through a deliberative process. See Figure 1 for an illustration of the process.

Figure 1: Strategic Planning Process



Emerging from these collective initiatives was a strategic plan “blueprint” that would guide the program for the next 5 to 10 years towards the goal of national top tier prominence (see **Figure 2**).

Figure 2: The Strategic Plan



The following sections discuss the details of this blueprint: *first*, emerging changes in society, graduate school education and the field of planning are examined; *second*, the strategic planning elements are outlined; *third*, the Program's vision, mission and identity are defined; *fourth*, the Program's goals and benchmarks are described with a focus on curriculum, structure, governance, and sustainability; *fifth*, the implementation mechanism is outlined and *lastly*, on-going operations are discussed.

2. Trends in Society, Research, and Graduate Education

2.1 Emerging Trends in Society

Urbanization

Urbanization at the global scale has been in the works since the beginnings of human life, marked with the relentless pursuit of settlement and increased sedentarization. However, the urbanization of the world population has taken a sharp upward trend since the 1960s, in parallel with the steep growth in world population. Fifty percent of the world population is now projected to live in cities within a few decades. Many are characterizing the 21st century as the century of cities. In the U.S., the ageing of the population and the ongoing re-shaping of nation's demography through international migrations (documented and not) and the rapid growth of Hispanic and Asian populations, coupled with ongoing shifts in the patterns of racial and ethnic segregation across neighborhoods, will continue to reshape cities in significant ways in the coming decades. Cultural exchange is increasing, as well as social concerns related to national and community identities. There has been a "hollowing out" of the middle income groups and associated rise of very well-paid and very low-paid groups. In addition, the poor increasingly live in suburbs.

Environmental Change

Climate change is currently the major trend in the environment, at all scales. We are now considering global impacts and regional changes in climate, both in terms of precipitation and temperatures. Increasing recognition of regional changes in intensity of storms, increase in the number of hot spells, etc. is leading to increasing concerns for controls of development in environmentally sensitive areas, for example, along coastlines and in desert areas. There is increasing concern for hazard-resistant development in terms of both materials and building processes, in addition to location. There is also concern regarding the legal and fiscal issues related to these changes. Other implications for climate change include increasing importance of water resources, both quantity and quality, as well as their contribution to sustainable energy; more focus on energy efficiency with respect to transportation as well as land use and building energy efficiency; the beginning of a shift from oil dependence to alternative energies; and increasing investment requirements in urban infrastructures, for example transportation (including public), water and sewer systems, drainage, and levees, either to rebuild or to build anew.

Some implications for trends in the urban design and planning (UDP) field include the need to integrate climate into planning and ecology models; increasing research on adaptation, scenario planning, and research in lifestyles and individual behaviors. Urban ecology is an emerging field that addresses how to manage metropolitan growth, maximize human well-being, and minimize impacts on ecosystems. These problems require interdisciplinary approaches at the interface of many disciplines. In Planning, the study of urban ecosystem dynamics involves the study of how development patterns are driven by the interactions between human and biophysical processes, and how these patterns affect ecosystem and human functions. It also

involves integrating the social and natural sciences and rethinking the role of science in planning.

Globalization

Concerns about globalization include many processes at both global and local scales, such as neoliberalization or the concentration of corporate power. “Marketization” and “privatization” of multiple relations involves the rise of competitive market relations in place of state bureaucratic decision-making and increasing movement of capital.

Increasing inter-urban competition is also associated with globalization. This process necessitates “competitiveness” as an urban policy imperative. Environmental and labor regulation have become more difficult because they are seen as less competitive, which similarly makes taxation more difficult. Urban land is valued for its exchange value and its tax increment potential instead of its use value, resulting in more difficulties in land use regulation. This increases development pressures and encourages the commitment of public funds to spur development even if it ends up in the private market. Pressure to provide high quality infrastructure (roads, schools, etc.) with dwindling resources is increasing, often requiring the development of “creative” public financing schemes. In addition, federal grants now value economic growth potential more than social need, so that successful places get assistance while depressed places do not, potentially further increasing inequalities.

Related to globalization and increasing competitiveness, offshoring of economic activity to ‘cheaper’ places is occurring, resulting in a downward pressure on wages. There is increasing industrial sector unemployment in the U.S. (loss to global challenges), leading to associated cities’ and suburbs’ economic decline. At the same time, the economic influence of these ‘cheaper’ places continues to expand. These changes are leading to increasing concern regarding global corporate behavior and consumerism.

Globalization is tied to the increasing trend of outsourcing of government and the increasing role for quasi-public agencies, non-profit corporations, NGOs, for-profits, foundations, public-private partnerships, policy networks, and others. At the same time we see downscaling of government from the federal level to more local levels (e.g. welfare to the counties or public housing to the local authorities), and decline of the welfare state. These trends are leading to an increase in socially marginal people in cities, and increasing disciplining of low-income people (for example Sidran’s “civility” laws, zero tolerance policies, and the prison-industrial complex).

Policy Trends & Politics

Major policy trends reflect changing demographics, for example reforms in Social Security and Medicare will be a major policy focus in the U.S. for next 5-10 years. Continuing concern with security, not only due to terrorism connected to foreign policy, but also due to influence of violent gaming and personalized social networks aided by computers and, in effect, the blurring of the real and the virtual are another concern in policy.

2.2 Emerging Trends in Research

Research vs. practice

Any review of trends in urban design and planning needs to distinguish between the practice and the research components of the field. One of the challenges we face in urban design and planning education is the interplay between these two dimensions and the lag time that exists between the knowledge generated by researchers and its eventual application in practice. This lag time can span a decade or more. This affects our ability to ground research in real world observations and test our hypotheses and theories. This also implies that our students come to the doctoral program expecting to work on issues found in practice (e.g. transportation vows in cities marked by major changes in mode shift), highly motivated by problem solving and limited appreciation for the challenges of scientific research. First, students will find that they have to spend considerable amounts of time and energy learning about research and analytical methods before they can focus on the problem of interest. Then, when students actually complete their research, they find out that their audience is limited to the group of researchers who are specialists in the field, and that their newly acquired knowledge will not trickle down into professional practice for several years.

Planning and Health

New institutional opportunities and demands to link health and planning seem to expand planning's long-standing focus on environmental planning (air and water quality specifically), to the effects of the quality of environmental systems on human health. This trend is interesting to us as an interdisciplinary program because it begins to compel researchers who are used to dealing primarily with environmental systems to work with other researchers who are focusing on human behavior and "quality of life." This offers opportunities to bridge the intellectual gap between the study of "natural" systems and that of human systems. It may help put cities and human habitats in general within the radar screen of the larger realm of "life systems." It may also clarify the link between everyday life and global warming.

Furthermore, the renewed linkages between health and planning will also be likely to affect research methods. It may take urban planning research beyond the traditional economic models focusing on urban functionality and costs to include considerations of opportunities and constraints in everyday life, as well as of long-term sustainability. In the way of an example, the scope of such "old" issues as accessibility, which has been studied primarily in the domain of transport and planning and treated as an "efficiency" and economic problem, may be broadened to include its effect on the life and health of humans and the sustainability of environmental systems.

This possible change in looking at planning problems is paralleled by changes in public health and the health sciences in general, where there has been a push toward changing the conceptual model of health (or the health paradigm), and switching from a disease prevention to a health promotion mode. This switch isn't quite operational in the health sciences, in that the focus on disease continues to

receive the lion's share of resources in health, but it is well grounded in the thinking of many health professionals.

Planning and Ecology

Urban ecology is an emerging field that addresses one of the most challenging problems humanity is facing world wide: how to manage metropolitan growth by simultaneously maximizing human well-being and minimizing impacts on ecosystems. These problems require interdisciplinary approaches at the interface of many disciplines. In Planning, the study of urban ecosystem dynamics involves the study of how development patterns are driven by the interactions between human and biophysical processes, and how these patterns affect ecosystem and human functions. It also involves integrating the social and natural sciences and rethinking the role of science in planning.

Urbanization at a World Scale

The urbanization of the world population has taken a sharp upward trend since the 1960s, in parallel with the steep growth in world population. Fifty percent of the world population is now projected to live in cities within a few decades. Several universities and some private institutions (the Brookings Institute, the University of Pennsylvania, and the University of California, Berkeley) have created new programs aiming at specializing in or focusing on the problematic of urbanization. This trend could have interesting effects on such allied disciplines as sociology and economics, perhaps leading them to apply more of their research to urban settings, and to more locally grounded problems. Planners would benefit from closer ties with social scientist in these disciplines.

The spatial realm, what about it?

Mel Webber's dire predictions have not entirely materialized in that there seems to be on-going, and perhaps even renewed, interest in the nature of spatially bounded "places." The popularity of the New Urbanism, and concepts such as the urban villages, the TODs, etc., point to the fact that place still matters, and seems to coexist with parallel, and somewhat contradictory concepts, such as the shrinking of the world, the global village, the flat world, instant global communications, etc. In planning specifically, it is interesting to note that the place-focused area of urban design has been re-integrated into practice without much fanfare, after a hiatus of a decade or so when the two "sides" were feuding (1985-1995).

However, if place is an accepted part of planning, much needs to be done to examine the effects of the internet on the spatial dimensions of society and life style, on life in or out of cities, the usefulness of cities, etc. Many theories exist probing the social and economic transformations generated by the new information technology. Yet reflections and empirically based research on what these transformations mean for cities and for different populations are few. A possibly promising field of future research may be how information technology is affecting not only the technology of urban infrastructures, but also the characteristics of infrastructure networks—transportation, fiberoptics, satellites. Research perspectives could include hardware, spatial distribution, and infrastructure management perspectives.

Globalization and Culture

How flat is the world? There is ample evidence that while global trends are ubiquitous, the marks of cultural differences remain extremely strong. For example, it is fashionable to treat Asian cities as one new (exciting) phenomenon, yet the differences between cities in China, Korea, Japan, Taiwan, etc. can be just as striking: new housing types, transportation systems, neighborhood structure, etc., all differ considerably from city to city, and from country to country. The management of these cities also takes place within very different political structures, affecting the distribution of decision-making powers, financing strategies, and the use of resources in general.

Planning and Demography

The ageing of the U.S. population and the ongoing re-shaping of nation's demography through international migrations and the rapid growth of Hispanic and Asian populations, coupled with ongoing shifts in the patterns of racial and ethnic segregation across neighborhoods will continue to reshape cities in significant ways in the coming decades. Sparse research on the housing patterns of ageing empty-nest households is mixed at this point, and whether the ageing baby boom generation will move towards the city and its amenities, or remain in the suburbs, is not well understood. The majority of the poor now live in suburbs, and this trend may have far-reaching consequences for urban social patterns, service delivery, housing needs, and myriad other facets that planners will need to address.

Planning and Individual Choices

Whether to build more new urbanist neighborhoods, or invest in transit systems, or design transferable development rights programs, or any of the myriad other forms of urban design and planning – are ultimately questions that involve understanding how individuals and households and firms will respond to the intervention by making different choices. These choices are made in a complex, dynamic environment that includes market and political institutions, social networks, and physical and environmental frames. Increasingly, research about the potential efficacy of alternative strategies, and the evaluation of past interventions, will need to grapple with understanding and analyzing how people react to these interventions. This will likely include various forms of survey research, choice modeling, and other emerging forms of analysis that generate insights into how choice behavior is influenced by public actions. One potential theme in this emerging area is the development of deeper understanding of lifestyles as organizing frameworks for the multitude of behaviors relevant to planning, including residence location, housing type, travel behavior, children and household structure, work patterns (including part time and multiple jobs, contract labor, consulting, working at home).

Planning and Information Technology

Information technology continues to evolve at an incredible pace, and while it has not made cities irrelevant, it has already begun to change the ways that households and firms choose locations, the way individuals shop and engage in social and recreational activities, and of course – communicate. These changes have not been well foreseen, not have they likely fully played out. What can we anticipate about changes in information technology over the next two to three decades, and what implications will there be for planning? In addition to possibly fundamental changes

in the way cities function and evolve spatially, information technology may also change the way citizens and governments connect. Forms of public participation may change in radical ways as communication technologies evolve. The current trend towards direct democratic involvement through the use of initiatives may take new forms enabled by information technology, allowing more direct and ongoing citizen involvement in local and higher level government decisions.

2.3 Trends in Graduate Education

Graduate schools face challenges both within and outside the academic setting. Most of today's scientific and social problems lie at the interface of many disciplines. Many disciplines in the natural and social science are undergoing rapid change, and many societal changes demand new scientific frameworks and education paradigms. Academia, industry, and governments demand that we prepare new scholars and practitioners. Expanded economic competition, global environmental and health problems, and emerging national-security challenges require new approaches to graduate education. Key trends include the following:

- Global competition for talent across all fields is increasing.
- Scientific expertise is expanding worldwide, which diminishes the U.S. advantage.
- International collaboration is commonplace and is rapidly increasing as many universities around the world are facing similar challenges in their preparation of future scholars
- International mobility of scholars is increasing. Large numbers of scholars live outside their home countries.
- We are seeing continuing retirement of planning faculty (over next 5 years).
- The numbers of minority and women graduate students completing degree programs is increasing, although still inadequate.
- It is a continuing struggle to articulate graduate education as a public good, not simply a private benefit.
- Trends in global warming have led to increasing complexity and uncertainty on the role of science, and increasing interdisciplinary research to understand complex interactions between climate, human systems, ecosystems and built structures.

Graduate education is therefore faced with some key challenges. It will require more interdisciplinarity, collaboration and team-building, and global citizenship. This demands that we produce scholars who are adaptable and flexible, as well as technically proficient

The rapid growth and urbanization of the world's population pose unprecedented challenges to the functioning of human settlements and the quality of life for their inhabitants. Urban planning and design scholars are challenged to advance knowledge in areas that have immediate and long term social relevance, which are regional and place-based. Our region creates many opportunities for academic-professional partnerships, analyses of the important problems confronting urban regions, and the design and testing of new approaches.

- **Prominent role of science.** Urban problems are becoming more complex and require increasing evidence-based management strategies and a more sophisticated integration of social and natural science. Students need to be trained to communicate complex ideas and issues to diverse populations.
- **Interdisciplinarity.** Fundamental questions concerning urban and metropolitan regions and their functions require interdisciplinary research aiming at understanding the interactions among the built, human, and natural environments. Emerging urban problems are becoming increasingly complex
- **Diversity.** Programs need to expand their diversity to increase participation of minorities and women among students and faculty
- **Teamwork.** Due to the increasing collaborative nature of research, students need to acquire skills, such as teamwork, leadership and time-management, which will allow them to work successfully in a variety of organizations.
- **Adaptability.** Academia, industry, and governments demand that we prepare scholars and practitioners who are adaptable and flexible, as well as technically proficient.

3. Strategic Planning Elements

Through various initiatives, such as a retreat, survey, workshop, and meetings, several key elements of the Program’s strategic plan emerged that align with the goal of achieving national prominence, specifically top three ranking and recognition as the ‘Seattle School of Urban design and Planning’.

During the retreat, the process of exploring the key elements involved breakout groups focusing on specific themes related to key stakeholders involved in planning research, education, and practice, as illustrated below.



The table in the Annex A summarizes the results of those discussions, emphasizing the important questions, key elements, stakeholders, the criteria and process, and the milestones.

3.1 Strategic Issues

Through the various steps of the strategic planning process, five key strategic issues were identified:

- Establish a clear intellectual focus and define the unique contribution of the program to the field to reach for excellence and produce high visibility.

- Create a robust curriculum and structure consistent with the program's intellectual focus and provide the most up-to-date skill sets to our students
- Provide quality advising and mentorship to attract and retain the best students and generate competitive graduates
- Develop an effective, accountable, and transparent governance structure to ensure program vitality and evolution.
- Generate and sustain necessary resources for the long-term viability of the program, while developing a strategy for resource sharing with other units.

Strengths

The Program strength is its interdisciplinarity and involvement of a diverse and productive faculty and relatively high quality students. Being in a research university contributes to such strength by providing opportunities for collaboration across a vast and diverse set of fields.

Building on solid foundations of interdisciplinary research, the Program has now emerged as the 4th best Program in the national ranking in 2007. The vitality and commitment of our students, faculty, and staff have been instrumental to the evolution of our program towards one of the most competitive and innovative PhD programs in urban design and planning in the country with unique research clusters in urban ecology, community development, land use and infrastructure, real estate, and urban modeling. The faculty of our program is one of the most productive and highly recognized with more than \$25 Million in research grants from the National Science Foundation and Federal and State Agencies and more than 116 peer reviewed papers only in 2007-2008 (these figures need updating since they account only for one third of the faculty)

Students are an important strength of the program as reflected in the increased number and quality of applicants, percent increase in student publications in peer-reviewed journals, and the collegiality amongst the graduate students across the entire cohort where students are engaged in the Program and as research collaborators. Current students have published more than xx papers and presented to more than xx Conference (figures need to be added). The cumulative actions of faculty and students have all been part of the Program evolution towards one of the most competitive and innovative PhD programs in urban design and planning in the country, as recognized by its national ranking.

Weakness

The Program strength is also cause of two key potential weaknesses: limited resources and participation. The diversity of units involved and separation between the departmental (UDP) and administrative (Graduate School) homes create complexities in securing resources and managing both resources and participation. Among the key weakness of our programs are the limited intramural resources to provide the program with a robust competitive advantage to attract the best students and to ensure their timely graduation. Also relying upon extramural resources has

caused inconsistencies in maintaining an effective Program size. Faculty participation, especially junior, is also limited since the faculty are primarily committed to their home departments and have limited flexibility to be fully engaged in the Program.

4. Vision and Mission

Mission Statement

We strive to improve urban wellbeing by preparing scholars and practitioners to advance our understanding of how urban systems and urbanizing environments are shaped by social, economic, and natural processes, and how they function locally and globally.

Vision Statement

Our graduates will be leaders in the international community of researchers, practitioners, and educators who study and work to improve the well-being of human populations and their environment in urban and urbanizing regions.

5. Strategic Plan

Introduction: Overarching Goals, Strategies, and Benchmarks

A successful Ph.D. program distinguishes itself by its ability to provide a rigorous and engaging academic experience, and to prepare its students to be leaders in the international community of researchers, practitioners, and educators in the field of study. To achieve this vision of national prominence in the field of Urban Design and Planning, our strategic plan identifies three criteria of success.

1. Students success in the job market and publishing

We define the quality of the program by the student success in the job market and in publishing in peer reviewed journals. Ph.D. programs face new challenges both within and outside the academic setting. Important societal challenges demand new scientific frameworks and education paradigms. Academia, industry, and governments demand that we prepare new scholars and practitioners. Expanded economic competition, global environmental and health problems, and emerging national-security challenges require new approaches in graduate education. We build on our solid foundations of interdisciplinary research and education to meet the challenges that new emerging social, economic, and environmental trends pose to the field of Urban Design and Planning.

2. Leaders in creating innovation in the Urban Design and Planning field

The quality of a Ph.D. program is also measured by the ability of its students and faculty to move the field forward and lead innovation through cutting edge research and practice. Our program builds on a strong emphasis on interdisciplinarity. Fundamental questions concerning mechanisms governing urban and metropolitan regions require interdisciplinary research aiming at understanding the interactions among the built, human, and natural environments. Emerging urban problems are becoming increasingly complex, requiring evidence-based planning and management strategies and a more sophisticated integration of social and natural science. Students need to be trained to communicate complex ideas and issues to diverse populations. Ethical issues become even more prominent. We build on our innovative research in urban form, urban ecology, growth management, land use modeling, and the new emerging fields of globalization and public participation to lead innovation in the field of Urban Design and Planning.

3. Agents of change in bridging urban science and practice

Our Ph.D. program in Urban Design and Planning is well positioned to bridge the existing gap between the sciences and practices. Our extensive scholarship in key emerging research areas and engagement in problem solving position our program at the cutting edge in achieving this goal. It gives an interdisciplinary program in urban design and planning a central role in research universities such as the University of Washington.

6. Overarching Goals, Strategies, and Benchmarks

This section describes the objectives, strategies, and benchmarks for five key goals identified as necessary for the program to improve. These five goals include:

1. Reach National Prominence: Reach the top 3 for U.S. Ph.D. planning programs.
2. Curriculum and Structure: Align the curriculum and structure with the program's intellectual focus.
3. Quality Mentorship: Create and support quality mentorship and advising.
4. Governance: Develop an effective, accountable, and transparent governance structure.
5. Resources: Generate and sustain necessary resources for the long-term viability of the program.

These goals are presented in table format in the Appendix.

Goal 1: Reach National Prominence (Top 3)

The program aims to reach national prominence, or the top 3 for U.S. Ph.D. planning programs. The program has defined five objectives to meet this goal:

1. *Define the intellectual focus and unique contribution of our school.* The Program Director will work with faculty to clarify the identity of the program and convey this identity in the Program's mission and vision statements. They will also develop mechanisms to refine our research agendas. Benchmarks for these tasks include finding evidence of national recognition of the 'Seattle School of Planning' using assessment tools such as surveys. They will also use benchmarks of leading schools.
2. *Attract and graduate outstanding students.* Program faculty will strive to provide all incoming students three years of funding support, introduce interviews as apart of the recruitment process, and increase opportunities for TA-ships and RA-ships. Benchmarks include the generation of student fellowships and faculty grants, graduate placement, student publications, and an increasing number of TA-ships and RA-ships.
3. *Enhance the educational and research programs in line with the intellectual focus of our school.* The Program Director will work with faculty and students to define core skill sets, define interdisciplinary tracts that are aligned with the program's intellectual focus, and establish an Advisory Board. Benchmarks for student progress will include completion of the general exam, dissertation proposal, and final exam. Other benchmarks will include review of course offerings within the Program and throughout campus, and creation of an Advisory Board composed of diverse stakeholders.

4. *Increase the academic recognition and visibility of faculty and student work.* The Program Director will work with faculty and students to establish requirements for student publication, faculty grant, and publication requirements; obtain nationally recognized fellowships; create a Seattle School of Planning Journal; and work to recognize the strength and uniqueness of the program as place-based. Benchmarks for these objectives include the number of student publications, faculty grants, student fellowships, and faculty publication citations.
5. *Focused program growth.* The Director will work with the Interdisciplinary Faculty to evaluate program size vis-à-vis intellectual focus using the number of faculty and student cohorts, and to align strategic partnerships toward both internal and external funding & collaborations. Benchmarks include number of students, space, faculty lines, and UW funding.

Goal 2: Curriculum and Structure

Align curriculum and structure with program intellectual focus

Six objectives will help the program align its curriculum and structure with its intellectual focus:

1. *Identify core competencies and align curriculum requirements with program intellectual focus and pedagogy.* The Program Director will work with the Steering Committee to review the current curriculum requirements and course sequence for phase I and II.
2. *Identify core disciplines involved in our interdisciplinary program, and review course offerings for our graduate students.* The Program Director will work with the Steering Committee to develop an annual review of course offerings. This annual review will involve observing trends in course offerings, as well as choices and reviews amongst current students and evaluate existing course requirements accordingly.
3. *Define existing and emerging research clusters in our interdisciplinary program.* The Director will work with faculty to establish or promote “Centers” that align with core program disciplines. Centers will develop seminars, workshops, and other opportunities for exploring research directions. Benchmarks will include invitation of guest speakers, visiting faculty, and hosting of symposiums that align with core disciplines.
4. *Provide guidance in defining an interdisciplinary area of study.* Faculty will work to establish a basic guidance document, to be reviewed annually by the Steering Committee. This guidance document will recognize and promote program strengths, as well as address deficiencies.
5. *Provide guidance for innovative pedagogy.* The Director will work with faculty and students in increasing student teaching opportunities. Strategies include establishing a student teaching requirement, and searching for

interdisciplinary teaching opportunities in campus colleges. Student teaching opportunities and skills will be tracked, as well as evaluation of TAs and RAs.

6. *Identify strategic curriculum partnerships.* The Director will work with faculty and students to evaluate campus or regional programs that align with the program's intellectual focus. For example, a program internal to the UW would be the Evans School of Public Affairs. An external program would be the School of Community and Regional Planning at the University of British Columbia. Strategies include identifying administrative obstacles to partnerships, and potentially holding a symposium as a way to establish working relationships.

Goal 3: Quality Mentorship

Provide quality advising and mentorship to students

1. *Quality Advising.* The Director will work with the Steering Committee and students to design a system whereby faculty advising students are familiar with the Program requirements and are engaged in the program. Student evaluations should be similar to course evaluations, and students should take participation in Program governance.
2. *Quality Mentoring.* The Director will work with the Steering Committee and students to create a set of 'frequently asked questions' that students and faculty can use as guidelines. Questions might include for example "How should I be preparing for my generals?" There will be an increase in informal gatherings between faculty and students to create more opportunities for interactions. Benchmarks include students and faculty using the guidelines and finding them useful, student evaluations, and attendance by both faculty and students in gatherings.
3. *Student – Student Mentoring.* The Director will work with the Steering Committee and students to create a buddy system between senior students and new students. Success of this program can be measured by participation in system and student evaluation.

Goal 4: Governance

Develop an effective, accountable, and transparent governance structure

The program has created four objectives to help develop an effective, accountable, and transparent governance structure:

1. *Establish an effective process for deliberating on the composition of the steering committee.* The Director and Steering Committee will establish a process for deliberating on the steering committee, as well as create rules on terms of office. Benchmarks will include faculty and student attendance on the steering committee.
2. *Ensure an interdisciplinary faculty.* The Director will establish a rule for composition of the Steering Committee, which will include the rule that only

Interdisciplinary Faculty be included on the Committee. This will require frequent reviews of the composition of both the Steering Committee and the Interdisciplinary Faculty.

3. *Increase faculty participation.* The Director and Steering Committee will create incentives for faculty to participate in the program (or create disincentives for non-participation). They will also use faculty participation to reinvent the annual symposium and create publications. Benchmarks include review of the effectiveness of incentives or disincentives to encourage participation.
4. *Increase student participation.* The Director and Steering Committee will work to develop student leadership skill through providing opportunities to serve a governance role on Steering Committee, and to participate in new faculty selection and in new student application interviews. Part of this goal involves assessing student governance opportunities and roles in other campus programs and those of leading planning schools.

Goal 5: Resources

Generate and sustain necessary resources for the long-term viability of the program

1. *Generate funding for students through research grants and scholarships.* The Program Director will encourage and facilitate grant writing by providing grant writing training for new faculty and students. Measures of progress include review and recognition of awarded grants.
2. *Create opportunity for sharing resources with other programs, e.g. Research person(s); train faculty & students in grant writing.* The Director will support cross-listing of courses and co-teaching of Ph.D. courses with faculty from other Ph.D. programs. Successful opportunities will be published and recognized.
3. *Allocate resources to expand the capacity of students and faculty to produce and make our program visible.* The Director will see that funding for student conference attendance is provided, encourage participation in significant community initiatives and expand UW resources. Funding opportunities will be identified and promoted, and community initiatives will be tracked, promoted, and publicized.

4. *Assure a strong mentoring program between student peers, faculty / student, and alumni / student.* Mentorship recognition internal to Program will be promoted. The Program Director, faculty, and students will work together to both identify and promote mentorship.
5. *Establish connections with professional /academic organizations.* The Director will work with faculty to promote membership in strategic organizations and identify student leadership opportunities within organizations, committees, and program events.
6. *Promote existing and create new network opportunities.* The Director will work with faculty and the Steering Committee to promote faculty research collaborations, student research collaborations, and to identify interdisciplinary teaching, research, or committee internal / external collaborations. Track teaching is one strategy to meet this objective, in addition to research and committee opportunities and collaborations.
7. *Gauge the Program's internal / external reputation.* The Steering Committee will design an informal measure of the Program's reputation by tracking student and faculty committee leadership roles, faculty collaborations, student applications, and student research collaborations.
8. *Assure Program diversity.* The Director will define diversity with respect to the Program in terms of student, applicant, and faculty demographics.
9. *Understand student and Faculty competency with respect to Program's intellectual focus.* The Director will work with the Steering Committee and with students to define and measure competency with respect to Program's intellectual focus by tracking publications, grants, fellowships, and committee leadership roles.

7. Ongoing Operation and Monitoring

7.1 Reach National Prominence

The nature of our highly diverse research and link to practice requires that a Ph.D Program simultaneously establish a clear focus while it takes a synergistic approach to achieve success. Our program aims at establishing its own focus and contribution, while working to enhance its interdisciplinarity and collaboration with others units.

Emerging Research Agendas

Institutionalize the *Emerging Research Agendas* Seminars as biweekly lunch seminars aiming at exploring emerging research areas and creating opportunities for faculty and student exchange across multiple fields.

Clusters of Excellence/ Research Labs

Identify the existing and emerging clusters of excellence in the program and provide mechanisms to attract applicants in these areas. Increase Interdisciplinary collaboration with other universities and other units in these areas to attract funding. Facilitate research collaboration with industry and government programs.

Students and Faculty Publications

To increase the academic recognition and visibility of the program, establish requirements for student publication, and provide ongoing support for students and faculty publication and conference participation by providing incentives (i.e., awards) and training.

Students and Faculty Grants

Provide on-going support to obtain faculty grant and student fellowships by providing updated information and training to increase available resources and enhance academic productivity and timely completion of PhD graduates.

Seattle School of Planning Journal

Establish a team working towards creating a Journal to recognize the strength and uniqueness of the program.

7.2 Curriculum and Structure

First Year Course Sequence

Redefine the course sequence URBDP 591, 592, 593 with the objective of providing a greater opportunity for exploration during the first year, while

simultaneously providing students with the opportunity to experiment and gain skills in identifying research topics and questions in planning that can productively be addressed in their Ph.D. Dissertations. Move the current 593 to the fall of the second year and reintroduce the First Year Paper to be completed during the Spring quarter under the guidance of the faculty advisor and Advisory Committee.

First Year Paper

Introduce a mechanism for early evaluation of students' progress in acquiring skills in conducting research, and their ability to make progress towards their Ph.D. after one year of common curriculum. This will be accomplished by reintroducing the first-year doctoral paper which will be developed through the sequence of the first year course requirements. It will provide students an opportunity to demonstrate their ability to formulate a research question, frame it within the theory, develop a research design, and address critically issues of conceptualization and measurement through a pilot application. The paper can take the form of a critical review of literature or a pilot research project on a selected topic. The first option emphasizes the ability of students to position their research question and methods. The latter can be based on either existing or newly acquired data to fit within the time constraints. In both cases the paper needs to consider aspects of both urban planning theory and research methods in urban design and planning. The first year doctoral paper could be used to create continuity throughout the sequence of the first year course requirements and provide students guidance in exploring their research interests and experimentation with the skills they are learning. The goal is to provide more continuity between the core courses and better guidance, building on the course sequence.

Theory Courses

Add a theory course to have two required, with one of them offered every year. The two required would be 1) planning theory (Hilda's course) and 2) urban theory courses, selected from a cohort of courses that provide theoretical understanding of the city from multiple disciplinary and theoretical perspectives. The theory requirements will be satisfied over two years, allowing the student to choose one from the department (in addition to the current Planning Theory Course) and one more related to the student's interest area, such as urban economics, politics, ecology, etc. The urban theory courses would be a designated set of restricted electives.

New Course

A revised 593 course will be required in autumn quarter of the second year. The course will guide students toward a general exam proposal. The course could maintain the current structure and a focus on a critical synthesis and critique of literature, exploring conceptual frameworks, and developing a thorough literature review. This course would guide the student to develop their general exam statement.

Quantitative Requirements

Develop a series of quantitative courses tailored for our students' background and research focus. Explore the opportunity to develop such a sequence with the PhD program in Public Affairs. An emphasis will be given to:

- Linear Algebra
- Linear Models
- Bayesian Statistics
- Multivariate Statistics
- Categorical Data Analysis
- Structural Equation Modeling
- Survey Research

PhD Colloquium

The PhD Colloquium plays an important role in ensuring that students at different stages of the program and focused on different research areas have an opportunity to interact and learn from each other. Format should be either a formal presentation (e.g., conference presentation, job talk) or a seminar on a paper. Required are fifteen sessions.

Certificate Programs

Explore opportunities to enhance options to existing (Urban Ecology) and potential CSSS track and Public Affairs dual/certificate Programs.

Emerging Research Agendas

The emerging research agendas seminars aim to define the research contribution of the Seattle School of Urban Design and Planning. Teams of faculty and students lead these discussions with the objective to identify emerging research questions and position their research within the field. We aim to initiate discussions and generate white papers on our long-term research agendas.

Annual Symposium

The Annual Symposium is an opportunity to reflect on a theme that cut across the areas of specialization. This year proposal is to focus on uncertainty and long term scenario planning.

7.3 Quality Advising and Mentorship

Orientations

The Director will work with the Steering Committee and students to design and conduct orientations for faculty advising so that students are familiar with the Program requirements and are engaged in the program.

Panel Discussions

The Director will work with the Steering Committee and students to identify advising topics for panel discussions through the year.

Frequently asked questions

Create a Frequently Asked Question list and post responses on the web.

Update the FAQ regularly.

Student feedback

Establish regular opportunities for students to provide feedback to the Program Director and Coordinator (i.e., Friday Feedback) to improve communication and productively address students' issues and concerns

Informal gathering events

Establish informal quarterly social gathering (i.e., Friday Aperitivo) to enhance exchange among faculty and students in informal setting and generate a community

7.4 Governance

Accountability

Establish accountability and transparency rules to be made available on-line to faculty and students. Publish non-confidential Steering Committee decisions on the web

Transparency

Establish accountability and transparency rules to be made available on-line to faculty and students. Publish non-confidential Steering Committee decisions on the web.

Diversity

Ensure interdisciplinary faculty participation on the Steering Committee, and provide incentives to participate in the program by negotiating release time with Department Chairs and Deans.

Student Participation

Establish formal procedures to provide students opportunities to serve a governance role on the Steering Committee, and to participate in new faculty selection and in new student application interviews.

7.5 Resources

Research Grants and Scholarship

Expand funding for students through research grants and scholarships. Facilitate grant writing by providing grant writing training for new faculty and students. Assist faculty in the development of training grant proposals like the IGERT

Resource Sharing

Create opportunities for sharing resources with other programs, e.g. research

assistants; train faculty & students in grant writing. Negotiate cross-listing of courses and co-teaching of Ph.D. courses with faculty from other Ph.D. programs.

Intramural support

Expand intramural support through new scholarships and funding for travel and writing. Work with the Graduate School Deans to find a solution to the problem of non-resident tuition, particularly for international students.

7.6 Relationships with COE

Our program will work closely with the new UW College of the Environment (CoE); We share the CoE's vision to improve Earth's well-being by engaging students, scientists, decision makers, and citizens in the generation, teaching, and use of knowledge about the local, regional, and global environment. In particular we play a critical role in training the next generation of leaders who will translate concepts and principles of sustainability in research and practice of urban design and planning. Our graduates also play a critical role in leading and facilitating the work of academia with partners such as governments, NGOs, and the industry.

Urbanization and the human dimension of the environment are two of the key grand challenges identified by the College as key areas. In these areas, our Program will contribute to the four key elements of CoE

- Discovery: producing the next generation of discoveries and leaders
- Learning: fostering interdisciplinary learning experiences
- Development: Find solutions to the most complex environmental problems.
- Application: Team up to translate solutions into action.

While CoE's structure and relationships with other UW Units are still to be finalized, an implementation plan is being developed and will be finalized this year. Our Program will participate actively in the UW CoE both through its faculty currently involved in the CoE's activities and through the initiative of the Steering Committee.

Preliminary actions will include:

- Identify substantive contributions that our program can provide to tackle the COE's grand challenges (i.e. Symposia, working groups, papers etc).
- Identify areas of possible resource sharing (Faculty, Courses, Teaching/Research Assistantships, Labs)
- Identify possible target funding sources and grant opportunities (Research and Private Foundations)
- Identify possible formal degree options that could be developed across the Program and other programs in CoE

The Steering Committee will develop a memo and plan to meet with the CoE administration in Spring 2009 to explore and formalize these actions.

Appendix

Goals, Objectives and Strategies Tables

Overall Program

Goal 1: Reach for National Prominence (Top 3): How will we know? What are the qualities of the program that will help us reach the top tier? History, size, funding, publications?			
Objectives	Strategies	Benchmarks	Responsible Agent
A. Define the intellectual focus and unique contribution of our school	<ul style="list-style-type: none"> - Clarify the identity of the program (Rank v. Identity) - Convey it in the mission and vision - Develop mechanisms to refine our research agendas 	<ul style="list-style-type: none"> - Evidence of national recognition of the Seattle school of planning e.g. surveys - Benchmarks of leading schools 	Program Director Faculty
B. Attract and graduate outstanding students	<ul style="list-style-type: none"> - Provide students three-years of funding support - Introduce interviews as apart of the recruitment process -TAs/RAs 	<ul style="list-style-type: none"> - Student fellowships and faculty grants - Graduate placement - Student publications - More TAs/RAs 	Faculty Students
C. Enhance the educational and research programs in line with the intellectual focus of our school	<ul style="list-style-type: none"> - Define core skill sets - Define interdisciplinary tracts aligned with intellectual focus - Establish Advisory Board 	<ul style="list-style-type: none"> - Student milestone progress: general exam, dissertation proposal; final exam. - Review course offerings within Program and throughout campus - Advisory Board composed of diverse stakeholders 	Program Director Faculty Students
D. Increase the academic recognition and visibility of faculty and student work	<ul style="list-style-type: none"> - Establish student publication reqs - Establish faculty grant requirements and publications - Offer nationally recognized fellowships 	<ul style="list-style-type: none"> - Student publications - Faculty grants - Student fellowships - Faculty publication citations 	Program Director Faculty Students

	<ul style="list-style-type: none"> - Create Seattle School of Planning Journal - Is there faculty commitment to this? - Describe strength & uniqueness of program as place-based. 		
E. Focused program growth	<ul style="list-style-type: none"> -Evaluate program size vis-à-vis intellectual focus: Number of faculty and student cohorts -Align strategic partnerships both internal and external 	<ul style="list-style-type: none"> - Funding & collaborations - Number of students - Space - Faculty lines - UW funding 	<p>Program Director Interdisciplinary Faculty</p>

Curriculum and Structure

Goal 2: Align curriculum and structure with program intellectual focus

Objectives	Strategies	Benchmarks	Responsible Agent
A. Identify core competencies for our graduate students	<ul style="list-style-type: none"> - Evaluate existing courses and current trends - Establish system to address deficiencies 	<ul style="list-style-type: none"> - Annual review of course offerings 	Program Director Steering Committee
B. Define the core disciplines involved in our interdisciplinary program	<ul style="list-style-type: none"> - Establish or promote “Centers” that align with core disciplines 	<ul style="list-style-type: none"> - Invite guest speakers, symposiums, and visiting faculty aligned with core disciplines 	Program Director Faculty
C. Provide guidance in defining an interdisciplinary area of study	<ul style="list-style-type: none"> - Establish basic guidance document reviewed annually by Steering Committee 	<ul style="list-style-type: none"> - Recognize and promote program strengths - Address deficiencies 	Interdisciplinary Faculty
D. Provide guidance for innovative pedagogy	<ul style="list-style-type: none"> - Establish student teaching requirement - Interdisciplinary teaching opportunities in campus Colleges. 	<ul style="list-style-type: none"> - Track student teaching opportunities and skills - Fund more TAs & RAs 	Program Director Faculty Students
E. Identify strategic curriculum partnerships	<ul style="list-style-type: none"> - Evaluate campus or regional programs that align with our intellectual focus, eg. <ul style="list-style-type: none"> > Internal: Public Policy > External: UBC 	<ul style="list-style-type: none"> - Identify administrative obstacles - Create symposium? 	Program Director Faculty Students
F. Integrate Emerging Research agendas	<ul style="list-style-type: none"> - Create special journal issue 	<ul style="list-style-type: none"> - Create position papers on emerging agendas 	- Interdisciplinary Faculty & Students.

Quality Mentorship

Goal 3: Provide quality advising and mentorship to students			
Objectives	Strategies	Benchmarks	Responsible Agent
A. Quality Advising	- Design a system whereby faculty advising students are familiar with the Program requirements and engaged in the program.	- Student evaluations similar to course evaluations. - Participation in Program governance	Program Director Steering Committee Students
B. Quality Mentoring	- Develop FAQ of questions students and faculty can use as guidelines, eg. How should I be preparing for my generals? - Informal gatherings between faculty and students to create more opportunities for interactions.	- Students and Faculty are using guidelines and find them useful; Student evaluations - Attendance by both faculty and students in gatherings	Program Director Steering Committee Students
C. Student – Student Mentoring	- Create buddy system between senior students and new students.	- Participation in system; Student evaluation	Program Director Steering Committee Students

Governance

Goal 4: Develop an effective, accountable, and transparent governance structure			
Objectives	Strategies	Benchmarks	Responsible Agent
A. Establish an effective process for deliberating on the composition of the steering committee	<ul style="list-style-type: none"> - Establish process for deliberating on the steering committee - Create rules on terms of office 	<ul style="list-style-type: none"> - Track faculty / student attendance 	Program Director Steering Committee
B. Ensure an interdisciplinary faculty	<ul style="list-style-type: none"> - Establish rule for composition of steering committee - Establish rule for inclusion as Interdisciplinary Faculty 	<ul style="list-style-type: none"> - Review composition of Steering Committee and Interdisciplinary faculty 	Program Director
C. Increase faculty participation	<ul style="list-style-type: none"> - Create incentives for faculty (or disincentives for non-participation) - Reinvent annual symposium (& publish) 	<ul style="list-style-type: none"> - Review effectiveness of incentives to encourage participation 	Program Director Steering Committee
D. Increase student participation	<ul style="list-style-type: none"> - Develop student leadership through governance role on Steering Committee; new Faculty selection & student application interviews 	<ul style="list-style-type: none"> - Assess student governance in other Campus programs and those of leading Planning Schools 	Program Director Steering Committee

Resources

Goal 5: Generate and sustain necessary resources for the long-term viability of the program			
Objectives	Strategies	Benchmarks	Responsible Agent
A. Generate funding for students through research grants and scholarships	<ul style="list-style-type: none"> - Encourage and facilitate grant writing - Grant writing training for new faculty and students 	<ul style="list-style-type: none"> - Review & recognize awarded grants 	Program Director
B. Create opportunity for sharing resources with other programs, eg. Research person(s); train faculty & students in	<ul style="list-style-type: none"> - Cross-list and co-teach Ph.D courses with other Ph.D programs 	<ul style="list-style-type: none"> - Publish and recognize successful opportunities 	Program Director
C. Allocate resources to expand the capacity of students and faculty to produce and make our program visible	<ul style="list-style-type: none"> - Provide funding for student conference attendance - Participate in significant community initiatives. 	<ul style="list-style-type: none"> - Identify and promote funding opportunities - track, promote and publicize community initiatives 	Program Director
D. Assure strong mentoring program: student peer; faculty /	<ul style="list-style-type: none"> - Recognize mentorship internal to Program 	<ul style="list-style-type: none"> - identify and promote mentorship 	Program Director Faculty Students
E. Establish connections with professional /academic organizations	<ul style="list-style-type: none"> - Promote membership in strategic organizations - Identify student leadership opportunities within organizations 	<ul style="list-style-type: none"> - Student participation in organization Committees; events 	Program Director Faculty
F. Promote existing and create new network opportunities	<ul style="list-style-type: none"> - Promote faculty research collaborations - Promote student research collaborations - Identify Interdisciplinary teaching, research or committee internal / external collaborations 	<ul style="list-style-type: none"> - Track teaching; research and committee opportunities & collaborations. 	Program Director Faculty Steering Committee

G. Gauge the Program's internal / external reputation.	- Design an informal measure of Program's reputation	- Track student / faculty committee leadership roles; faculty collaborations; student applications; student research collaborations	Steering Committee
H. Assure Program diversity – both Faculty and Students	- Define diversity with respect to the Program	- Track student; applicant; faculty demographics	Program Director
I. Understand student and faculty competency with respect to Program's intellectual focus	- Define and measure competency with respect to Program's intellectual focus	- Track publications; grants; fellowships; committee leadership roles	Program Director Steering Committee Students

Appendix I: Full Curriculum

Three Phases of Study (Summary)

Phase I: The Core Curriculum

The core curriculum defines the intellectual foundation of the program. While the program retains considerable flexibility in defining a research agenda within the broad umbrella of urban and environmental planning and policy, it provides a common foundation for all students to build upon. The following are the core curriculum requirements. Students enter the program with a Masters degree, in fields ranging from planning and public affairs to natural and social sciences. Depending on the academic preparation of the student prior to matriculation, the core requirements can be met within one to two years. Previous coursework could be used as a basis to waive specific course requirements. A course waiver can be obtained, if both the primary advisor of the student and the Program Director approve it.

Core Sequence

During Phase I of full-time course work in the program, all URBDP Ph.D. students must complete the required seminar sequence in Advanced Research Design (URBDP 591; 4 credits; Fall of first year), Planning Theory (URBDP 592; 4 credits; Winter of first year), and Interdisciplinary Urban Research (URBDP 593; 5 credits; fall of second year). The purpose of this requirement is to provide a common foundation for students to develop and refine their interdisciplinary research agenda under the broad umbrella of urban and environmental planning and policy.

Phase II: Area of Study

Once a student is admitted to Phase II, they form a Supervisory Committee to oversee their progress through the rest of their academic program. The committee must consist of at least three faculty members in the Interdisciplinary Group representing at least two academic departments; one member must be from the Urban Design and Planning Department. Students requiring a committee of a different composition should submit a request to the Steering Committee. The Steering Committee recommends (but does not require) that students have at least four faculty members on their committee and that two of these be from the Urban Design and Planning Department. Students will develop with their supervisory committee a description of their proposed areas of study. These will define areas of scholarship that must demonstrate an interdisciplinary research approach to an application within urban and environmental planning and policy. The description should develop a curriculum proposal approved by the supervisory committee that addresses the following advanced study requirements.

Phase II Curriculum Requirements

Students are required to complete five courses that satisfy broad categories of urban theories and urban design & planning. Many approved courses for each requirement draw on courses outside the URBDP program. Based on their own research program and agenda, students may select courses that align closely within one research cluster or may choose courses across research clusters. These requirements provide opportunities to establish relationships with faculty with

whom they may wish to work as dissertation advisor or supervisory committee members. In addition, to complete this phase of the program, students must complete two additional advanced research design and methods courses, as well as a teaching methods seminar (see below: currently under consideration).

Phase II requirements involve 7 (total) courses and a teaching seminar, in addition to advanced courses directly related to the area of study selected by the student. Some of these courses may be taken in the first year.

Phase III: The Dissertation

Once the student passes the General Examination, he/she is advanced to the level of doctoral candidate, and is expected to build on the critical review of the literature to develop a dissertation proposal. The dissertation proposal should demonstrate the characteristics of interdisciplinarity, relevance to urban and environmental planning and policy, and potential for contribution to scholarship.

Dissertation Proposal

A dissertation proposal should be formally presented to the Reading Committee at a scheduled defense presentation. The Reading Committee must certify that the student is prepared to undertake the proposed research, and that it meets the program requirements for scholarship.

Dissertation Defense

The final step in the Ph.D. program is the formal presentation and defense of the dissertation. This process follows the normal protocol as set by the Graduate School.

Phase I Courses

The Core Curriculum

The core curriculum defines the intellectual foundation of the program. While the program retains considerable flexibility in defining a research agenda within the broad umbrella of urban and environmental planning and policy, it provides a common foundation for all students to build upon. The following are the core curriculum requirements. Students enter the program with a Masters degree, in fields ranging from planning and public affairs to natural and social sciences. Depending on the academic preparation of the student prior to matriculation, the core requirements can be met within one to two years. Previous coursework could be used as a basis to waive specific course requirements. A course waiver can be obtained, if both the primary advisor of the student and the Program Director approve it. Courses listed below that are aimed principally at masters students will need to be supplemented to address more advanced requirements for doctoral students, until such time as more advanced courses can be offered.

Required Courses

Phase I requirements involve 5 courses, and should be completed during the first year, unless

schedule conflicts make this infeasible. Courses from Phase II requirements may also be taken in the first year, to accelerate completion of the curriculum requirements.

Core Sequence

During Phase I of full-time course work in the program, all URBDP Ph.D. students must complete the required seminar sequence in Advanced Research Design (URBDP 591; 4 credits; Fall of first year), Planning Theory (URBDP 592; 4 credits; Winter of first year), and Interdisciplinary Urban Research (URBDP 593; 5 credits; fall of second year). The purpose of this requirement is to provide a common foundation for students to develop and refine their interdisciplinary research agenda under the broad umbrella of urban and environmental planning and policy.

URBDP 591	Advanced Research Design
URBDP 592	Advanced Planning Theory
URBDP 593	Interdisciplinary Urban Research Seminar

Phase I Research Methods

Phase I requirements also include two courses that introduce students to the applicability of quantitative and qualitative methods to doctoral-level research. Students at this level should view these courses as helping them determine what aspects of their likely research topic may be pursued quantitatively, and what aspects may be pursued qualitatively. The courses should introduce to the student what basic or broad range of research methods exists in each of these categories.

Qualitative Research Methods

Phase I requirements also includes the completion of an advanced graduate qualitative research methods class offered either through URBDP or another related social science field.

*Choose **one** of the following, with potential for substitution of alternative courses at an equivalent or more advanced level (see below for possible substitute courses):*

URBDP 598	Qualitative Research Methods
GEOG 425	Qualitative Methodology in Geography
HIST 598	Methods of Historical Research
HSERV 526	Qualitative Research Methods for Public Health
POL S 502	Qualitative Research Methods
SOC WL	Qualitative Research: Methods and Designs
SEFS 504	Research Processes in Forest Resources

Qualitative Research Methods Substitutions

Approved

URBDP 519	Qualitative Research Planning
PB AF 525	Qualitative Methods for Policy Analysis
SMEA 512	Methods & Environmental Topics

Quantitative Research Methods

As part of Phase I requirements, students must pass one course in statistical methods at an advanced graduate level. The appropriate course will depend on student's prior mathematical experience, software knowledge and overall program goals. Students with limited statistical background may need to complete a pre-requisite course beforehand. In these cases, careful planning of course sequences is necessary.

Students should carefully evaluate their mathematical background, statistics software knowledge, and program goals to select the appropriate quantitative coursework.

*Choose **one** of the following, with potential for substitution of alternative courses at an equivalent or more advanced level (see below for possible substitute courses):*

Course	Description	Quarter
BIOST 518	Applied Biostatistics II: Introduction to Regression Analysis. Course provides an introduction to the basic theory and application of regression methods for the statistical analysis of data. The course is designed for graduate students in public health who are already familiar with basic statistical concepts. Course uses STATA statistical software. Pre-requisite is BIOST 517, Applied Biostatistics I.	Winter
CS&SS 503	Advanced Quantitative Political Methodology. Course focuses on fitting, interpreting, and refining the linear regression model. Agenda includes developing clear and informative graphical representations of regression results, and understanding regression models in matrix form. Course introduces R statistical software. Pre-requisite is CS&SS 501, Advanced Research Design & Analysis, or any prior course on basic social statistics and linear regression.	Spring
CS&SS 504	Applied Regression. Course is suitable for students with a b quantitative background, a previous year of statistics, including regression. Most technically rigorous regression course, requires matrix algebra and the ability to do calculus proofs of regression equations. Course uses R statistical software. Pre-requisite is STAT 502, Design and Analysis of Experiments.	Winter
<i>Note: for students needing a refresher in mathematics, the following options are recommended:</i>		
Math Camp	Week long workshop, taught in September before fall quarter begins. Register through the Center for Statistical and Social Sciences. No credit.	
CS&SS 505	Review of Mathematics for Social Scientists. This 1 credit course reviews the basic mathematical skills that are a	Spring

Course	Description	Quarter
	prerequisite for a meaningful understanding of elementary statistics, data analysis, and social science methodology.	
<i>For students with no previous exposure to R statistical software, the following course is recommended:</i>		
CS&SS 508	<p>Introduction to R</p> <p>This 1 credit course familiarizes students with the R environment for statistical computing (http://www.r-project.org). R is a freely available, multi-platform, and powerful program for analysis and graphics similar to S-PLUS. Covers the basics of organizing, managing, and manipulating social science data; basic applications; introduction to programming; links to other major statistical packages.</p>	Winter

Quantitative Research Methods Substitutions

Approved

CEE 584	Analytical Methods in Transportation I
CSSS 526	Structural Equation Models for the Social Sciences
CSSS 503 / Pol S 503	Advanced Quantitative Political Methodology
CSSS 536	Log-Linear Modeling & the Analysis of Categorical Data
CSSS 589	Multivariate Data Analysis for the Social Sciences
PB AF 528	Quantitative Analysis
SOC 505	Applied Social Statistics
STAT 481	Intro to Mathematical Statistics
STAT 512	Statistical Inference
SEFS 502	Analytical Techniques for Community Ecology

NOT Approved

PB AF 527	Quantitative Analysis 1
URBDP 520	Quantitative Methods in Urban Design and Planning

The Phase I Paper

Objectives

The Phase 1 Paper is a mechanism for early evaluation of students' progress in acquiring skills to conduct research, and their ability to make progress towards their Ph.D. after one year. It will be developed through the sequence of the first year course requirements and supervised by the student's first year advisory committee. It will provide students an opportunity to demonstrate the student's ability to formulate a research question, frame it within the theory, review the literature, develop a research design, and address critical issues of conceptualization and measurement through a review of the literature and/or pilot application.

Paper structure

The paper can take the form of a critical review of literature or a pilot research project on a selected topic. The first option emphasizes the ability of students to position their research question and methods. The latter can be based on either existing or newly acquired data to fit within the time constraints. In both cases the paper needs to consider aspects of both urban planning theory and research methods in urban design and planning. Phase one of the program will culminate with the acceptance of a paper. The paper is to help students in narrowing down their research area and preparing students for their general exam and to help them focus on the literature of interest. The paper is an opportunity for students to review in a critical fashion the key literature on specific subjects or domains that are likely to form the basis of their future research.

Students will identify a research question, synthesize the existing literature, and specify the objectives of the paper. In the first option (literature review papers), students will develop a systematic literature review and summarize the state of knowledge and current gaps in addressing the research question. In the second option (pilot data analysis), students will identify the data and methods that will be used to address the question and discuss the analytical results of the pilot application.

Product

The length of the paper is about 6000 words, excluding references, tables, and figures.

Time line and approval process

Students will submit an abstract for their first year paper to their first year advisor at the end of the first year winter quarter. Students will work with their advisor to develop a plan for completing the paper through the first two weeks of Spring quarter. A first draft of the paper will be presented to the advisor by the end of the spring quarter. Students will revise their paper based on the advisor's comments and submit the final paper by the end of summer.

Evaluation of Phase I

The procedure for evaluation of Phase I work and the decision to advance a student to Phase II will be based on a portfolio of the work completed in required courses in Phase I that includes:

1. Phase 1 Paper
2. Completion of the first two courses in the Core sequence and methods requirements
3. A Prospectus and Plan of Study for Phase II prepared by the student and approved by the student's Advisory Committee that describes the general research area and fields of study the student wishes to pursue and the courses the student intends to take in Phase II, and
4. A designation of a Supervisory Committee to mentor the student during Phase II.

Phase II Courses

The Area of Study

Once a student is admitted to Phase II, they form a Supervisory Committee to oversee their progress through the rest of their academic program. The committee must consist of at least three faculty members in the Interdisciplinary Group representing at least two academic departments; one member must be from the Urban Design and Planning Department. Students requiring a committee of a different composition should submit a request to the Steering Committee. The Steering Committee recommends (but does not require) that students have at least four faculty members on their committee and that two of these be from the Urban Design and Planning Department. Students will develop with their supervisory committee a description of their proposed areas of study. These will define areas of scholarship that must demonstrate an interdisciplinary research approach to an application within urban and environmental planning and policy. The description should develop a curriculum proposal approved by the supervisory committee that addresses the following advanced study requirements.

Phase II Curriculum Requirements

Students are required to complete five courses that satisfy broad categories of urban theories and urban design & planning. Many approved courses for each requirement draw on courses outside the URBDP program. Based on their own research program and agenda, students may select courses that align closely within one research cluster or may choose courses across research clusters. These requirements provide opportunities to establish relationships with faculty with whom they may wish to work as dissertation advisor or supervisory committee members. In addition, to complete this phase of the program, students must complete two additional advanced research design and methods courses, as well as a teaching methods seminar (see below: currently under consideration).

Phase II requirements involve 7 (total) courses and a teaching seminar, in addition to advanced courses directly related to the area of study selected by the student. Some of these courses may be taken in the first year.

Urban Processes and Patterns

Students must complete at least three courses that satisfy the urban processes and patterns requirement. This requirement is designed to ensure a deeper understanding of the bio-physical and socio-economic forces that shape urban areas, and to draw on urban theories from multiple disciplines.

Choose three of the following, with potential for substitution of alternative courses (see below for possible substitute courses):

URBDP 479	Urban Form
URBDP 552	Real Estate Process
URBDP 561	Urban Economics
URBDP 598	Urban Ecology
URBDP 565	American Urban History

GEOG 440	Regional Analysis
GEOG 448	Geography of Transportation
GEOG 466	Regional Economic Development
GEOG 477	Advanced Urban Geography
GEOG 478	Intra-urban Spatial Patterns/Social Justice & the City
GEOG 479	Race, Ethnicity, and the American City
GEOG 578	Research Seminar: Theorizing the City
SOC 490	The Urban Underclass
POL S 481	Big City Politics

Urban Processes and Patterns Substitutions

Approved

CEE 547	Lake Watershed Management
ECON 500	Microeconomic Analysis 1
ECON 501	Microeconomic Analysis 2
ECON 508	Microeconomic Analysis 3
GEOG 577	Research Seminar: Internal Spatial Structure of Cities
PB AF 597	Environmental Decision Analysis
PB AF 599J	Institutional Perspectives on Management
URBDP 498	Methods of Community Engagement
URBDP 554	Real Estate Finance
URBDP 560	Inequality, Governance & Policy in the Metropolitan Region
URBDP 576	Pedestrian Travel, Land Use, & Urban Form
URBDP 598	Topics in Urban Affairs: community and Economic Dev.
URBDP 598	Transportation & Environment
URBDP 553	Urban Land Economics
CEE 581	Travel Demand Forecasting
CFR 541	Advanced Landscape Ecology
PB AF 565	Topics in Urban Affairs

Not Approved

CEE 591	Freight Transportation
ESC/ESRM 441	Landscape Ecology (formerly approved, now an undergrad class)
URBDP 467	Remote Sensing
URBDP 474	Site Planning: Issues & Techniques
URBDP 500	Survey of Urban Planning

Urban and Environmental Design and Planning

Students must complete at least two courses that satisfy the urban and environmental design and planning requirement. This requirement is designed build a strong foundation in urban and environmental interventions, whether design, planning or policy oriented.

Choose two of the following, with potential for substitution of alternative courses (see below for possible substitute courses):

PBAF 513	Public Policy Analysis
PBAF 517	Microeconomics of Individual & Organizational Choice II
PBAF 518	Applied Cost-Benefit Analysis
URBDP 598	Transportation Planning
URBDP 598	Environmental Planning
URBDP 598	Land Use 2
POLS 574	Environmental Regulation Policy
CFR 592	Environmental Policy Processes
ARCH 561	Urban Design Theory
PBAF 564	Housing & Social Policy

Urban and Environmental Design and Planning Substitutions

Approved

CEE 482	Waste Water Reuse
CEE 589	Transit Systems Planning
ECON 536	Environmental Economics
ENVIR 585	Climate Impacts on the Pacific Northwest
ESRM 472	Wetland Ecology & Management
PB AF 544	Land Use and Transportation Policy
PPM 510	Public Policy Analysis
SMEA 519	Marine Policy Analysis
URBDP 562	Intro. to Neighborhood Planning and Community Development
URBDP 567	Democracy, Citizenship, and Participation in the City
URBDP 598F	Urban and Suburban Building Types for Urban Designers and Planners
URBDP 598G	Infrastructure Planning and Local Finance

NOT Approved

URBDP 450	Land use, Growth Management, and Environmental Planning
-----------	---

Advanced Research Design and Methods

All students must complete two additional courses that satisfy the advanced research design and methods requirement. The purpose of this requirement is to help students develop more focused and targeted research designs based on their own research interests, and to build their methodological capacity to implement this research. These courses may be either quantitative or qualitative in nature; however, they must be at an advanced graduate level.

Choose two of the following, with potential for substitution of alternative courses (see below for possible substitute courses):

CS&SS 560	Hierarchical Modeling for the Social Sciences
CS&SS 567	Statistical Analysis of Social Networks
CS&SS 594	Multiway Data Analysis
CS&SS 594	Distributional Methods with Application to the Measurement of Inequality
CS&SS 529*	Sample Survey Techniques
CS&SS 544*	Event History Analysis for the Social Sciences

CS&SS 566*	Causal Modeling
URBDP 422	Urban & Regional Geospatial Analysis
URBDP 525	Evaluation in Urban Planning
GEOG 561	Urban Geographic Information Systems
PBAF 526	Program Evaluation
SOC 526	Causal Approach to Theory Building & Data Analysis
SOC 529	Structural Equation Models for the Social Sciences
COM 511	Content Analysis
COM 513	Fieldwork Research Methods
COM 527	Global Communication Research Methods
ANTH 551	Research Design

***For advanced students, with previous advanced statistical coursework and exposure to R.**

Research Design and Methods Substitutions

Approved

CSSS 510	Maximum Likelihood Methods for Social Sciences
ENVH 593	Current Topics in Risk Assessment
EPI 511	Introduction to Epidemiology
EPI 538	Nutritional Epidemiology
GEOG 525	Advanced Qualitative Methods in Geography
GEOG 526	Advanced Quantitative Methods in Geography
QERM 514*	Analysis of Ecological Data 1
STAT 513	Statistical Inference
QSCI/STAT 480*	Sampling Theory for Biologists
CSSS 526	Structural Equation Models for the Social Sciences
CSSS 536	Log-Linear Modeling & the Analysis of Categorical Data
CSSS 589	Multivariate Data Analysis for the Social Sciences
SEFS 502	Analytical Techniques for Community Ecology
STAT 512	Statistical Inference

*For advanced students, with previous advanced statistical coursework and exposure to R.

NOT Approved

URBDP 467	Remote Sensing
FISH 547	River ecology
OCEAN 452 / FISH 453	Spatial Information Technologies
OCEAN 506A	Applied Geostatistics

Teaching Methods

One teaching seminar, and experience as a TA for at least one quarter, before completion of phase III. The following course or a suitable alternative will satisfy this requirement.

[Note: this requirement is under consideration, due to the scarcity of teaching methods courses offered. Students are strongly encouraged to teach a class. One can apply to teach an URBDP

summer quarter class; the application process takes place in autumn quarter. Please contact the Urban Design & Planning office for further information, 206-543- 4190.]

GRDSCH 630 Special Topics in College/University Teaching

To keep track of course requirements, you can use this [spreadsheet](#).

General Examination

A critical review of the literature in the area of study must be developed by the student, which integrates interdisciplinary research on the area of study selected by the student, and identifies areas of potential research opportunity that may subsequently form the basis for a dissertation proposal. The review should demonstrate broad familiarity with relevant research in the chosen area, and with the range of theory and methods applied within the reviewed literature. The committee will provide feedback to the student at this stage about areas of additional study that may be required before a suitable dissertation proposal may be developed. Once advanced coursework in the area of study and critical review of the literature are completed, the student and committee schedules a General Examination, in which the Supervisory Committee evaluates the preparedness of the student to advance to doctoral candidate status, and to begin developing a dissertation proposal. It will be designed and evaluated by the student's supervisory committee.

Phase III: Dissertation

Once the student passes the General Examination, he/she is advanced to the level of doctoral candidate, and is expected to build on the critical review of the literature to develop a dissertation proposal. The dissertation proposal should demonstrate the characteristics of interdisciplinarity, relevance to urban and environmental planning and policy, and potential for contribution to scholarship.

Dissertation Proposal

A dissertation proposal should be formally presented to the Reading Committee at a scheduled defense presentation. The Reading Committee must certify that the student is prepared to undertake the proposed research, and that it meets the program requirements for scholarship.

Dissertation Defense

The final step in the Ph.D. program is the formal presentation and defense of the dissertation. This process follows the normal protocol as set by the Graduate School.

Statistics Track in the Interdisciplinary Ph.D. Program in Urban Design and Planning

This document describes the guidelines for completing a Social Statistics concentration as part of a Ph.D. in Urban Design and Planning.

Rationale

The main goals of the PhD track in statistics are to provide students with applied quantitative and statistical skills in Urban Design and Planning, particularly for carrying out quantitative research. The track is based on the curriculum developed by the Center for Statistics and the Social Sciences (CSSS; course code: CS&SS). Students who complete the Statistics Concentration will have advanced training in statistics for social science research relevant to their own research needs. The CSSS courses will provide students essential statistics skills to conduct quantitative research in the social sciences.

Track Requirements

Students must ensure they have the required statistical and mathematical background necessary prior to taking courses that count toward the concentration. The Chair of the Graduate Committee at CSSS can assist in evaluating a student's preparation. Additionally course instructors can be consulted about any necessary background and preparation.

Coherent Set of Four Courses in Social Statistics

Students will take a set of four courses in social statistics (chosen primarily from the list below) and attend two quarters of the CSSS seminar, CS&SS 590. The student will submit a list of the courses to the Ph.D. Program Director for approval. These courses must be more advanced than any required course for the Interdisciplinary Ph.D. program in Urban Design and Planning. These courses should be selected to form a coherent concentration in social statistics.

The advanced courses offered by CSSS will automatically qualify for the concentration. For example, CSSS currently offers courses in hierarchical models, Bayesian methods, event history analysis, analysis of social networks, survey research methods, and others. In addition, relevant courses in Public Affairs, Statistics, Biostatistics, Anthropology, Economics, Political Science, and Sociology may be considered so long as they help form a coherent set of social statistics courses. Students are encouraged to seek advice from their advisor and the Ph.D. faculty program coordinator in developing their concentration.

Students pursuing approval of a course plan that includes a course not offered by CSSS and not included on the list of approved courses must provide the Ph.D. faculty program coordinator with recent syllabus and a rationale for including the course in their plan.

List of approved courses:

- CS&SS 526 (SOC 529) Structural Equation Models for Social Sciences
- CS&SS 527 Survey Research Methods
- CS&SS 529 (BIOST 529/STAT 529) Sample Survey Techniques
- CS&SS 536 (SOC 536/STAT 536) Analysis of Categorical and Count Data
- CS&SS 544 Event History Analysis for the Social Sciences
- CS&SS 560 (STAT 560) Hierarchical Modeling for the Social Sciences
- CS&SS 564 (STAT 564) Bayesian Statistics for the Social Sciences
- CS&SS 565 Inequality: Current Trends and Explanations
- CS&SS 566 (STAT 566) Causal Modeling
- CS&SS 567 (STAT 567) Statistical Analysis of Social Networks
- CS&SS 568 Statistical Analysis of Game-Theoretic Data
- CS&SS 589 (SOC WL 589) Multivariate Data Analysis for the Social Sciences

The URBDP PhD Steering Committee will be responsible for periodically updating the list of approved courses in consultation with the CSSS Graduate Committee.

Criteria for Approval

Students must obtain a minimum grade point average of 3.3 for their four approved courses. The Center for Statistics and the Social Sciences will provide a document certifying that the student completed the Concentration in Statistics.