CSSCR Winter 2015 Newsletter

CENTER FOR SOCIAL SCIENCE COMPUTATION AND RESEARCH
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Consultants
Colin Beam, Psychology
Will Brown, Geography
Laine Rutledge, Economics
Linda Liaw, Education
Shin Lee, Communications
Stephanie Lee, Sociology
Sergio Garcia, Political Science
Carolina Johnson, Jackson School
Katelyn Stickel, Social Work

Administrative Staff
Darryl Holman, Director
Kathy Davis, Fiscal Specialist
Tina Tian, Research Data Analyst/Archivist
Jeff Rud, Human Swiss Army Knife
Dixielynn Gleason, Publishing Consultant

Winter Hours
Computer Rooms
Monday through Thursday: 8:00AM—9:00PM
Friday: 8:00AM—5:00PM
We are closed on Saturday and Sunday.

Administrative Office
Monday through Friday: 8:00am—noon
1:00pm—5:00pm

Addresses
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The Center for Social Science Computation and Research (CSSCR) is
an interdepartmental computer center in the College of Arts and
Sciences at the University of Washington. CSSCR provides facilities
and consulting support for computing activity related to teaching and
research at the University. This newsletter is published quarterly.
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From the Director
Just over ten years ago, we offered our
first short courses on R. This statistical
programming language has grown in
popularity for quantitative research and
for teaching statistics. This quarter we
tried an experiment. We held series of
five R courses over the first two weeks
of the quarter, with the idea of
providing a quick introduction (or
review) for students enrolling in one of
the many courses this quarter that use R.
So far, the enrollments have been high,
suggesting we continue this in the
future. Let us know what you think. We
will still offer an assortment of other
courses later in the quarter.

For the past year, we have been
experimenting with printing posters for
selected courses. Beginning this quarter
we are expanding that to provide free
poster-printing services to graduate
students in our 10 member departments.
We will provide this service as long as
we can get ink and spare parts for our
twenty-year-old poster printer. Starting
this quarter, we will check out computer
projectors to faculty, staff, and students
in our member departments.
Information on these new services will
be available on our web site soon.

Finally, this quarter, Laine Rutledge
from Economics joins our team of
consultants. Laine’s expertise includes
R, Stata, and SQL, and some of the
packages that economists use, like
Eviews.

Darryl Holman
CSSCR Classes Winter 2015

Here are the ways you can sign up for classes: Call 543-8110; stop by 110 Savery Hall during office hours; send e-mail to ascocarp@u.washington.edu, including the class you wish to take, your name and department; or sign yourself up on our Web page. http://julius.csscr.washington.edu

Introduction to SPSS
Instructor: Shin Lee
Date: Tuesday, January 20
Time: 5:00PM TO 5:50PM
Place: Savery 121

Introduction to SAS
Instructor: Tina Tian
Date: Wednesday, January 21
Time: 2:30PM to 3:30PM
Place: Savery 121

R: Beyond the Basics
Instructor: Stephanie Lee
Date: Thursday, January 22
Time: NOON TO 1:00PM
Place: Savery 121

Statistics in Excel
Instructor: Linda Liaw
Date: Friday, January 23
Time: 11:30AM TO 12:30PM
Place: Savery 121

Introduction to R Graphics
Instructor: Sergio I Garcia-Rios
Date: Friday, February 27
Time: 3:30PM TO 4:30PM
Place: Savery 121

Format Your Thesis The Fun & Easy Way!
Instructor: Dixielynn Gleason
Date: Monday, January 26
Time: 9:30AM to 10:30AM
Place: Savery 121

Advanced Excel
Instructor: Colin Beam
Date: Tuesday, January 27
Time: 2:30PM TO 3:30PM
Place: Savery 121

Introduction to Qualitative Research and ATLAS.ti
Instructor: Carolina Johnson
Date: Wednesday, January 28
Time: 1:30PM TO 2:30PM
Place: Savery 121

Survival Analysis in SAS
Instructor: Darryl Holman
Date: Wednesday, January 28
Time: 2:30PM TO 3:30PM
Place: Savery 121

Introduction to GIS
Instructor: Will Brown
Date: Wednesday, February 4
Time: 2:30PM TO 3:30PM
Place: Savery 121

If you would like to request academic accommodations due to a disability, please contact Disabled Student Services, 448 Schmitz, 543-8924 (V/TDD). If you have a letter from Disabled Student Services indicating you have a disability that requires academic accommodations, please present the letter to Darryl Holman at CSSCR so we may discuss the accommodations you might need for class.
CSSCR offers free, non-credit classes to UW faculty, students and staff. Computer classes are also offered by University Computing Services (543-5970), UW Extension (543-2300) and the College of Engineering Continuing Education (543-5539). To sign up for CSSCR classes, call 543-8110, or stop by 110 Savery during office hours, or use our Web page: http://julius.csscr.washington.edu/

Introduction to SPSS
This class introduces SPSS basic structure and layout. We will go over how to import, manage, and record data as well as do some descriptive statistics and simple analyses like t-test, correlation, and regression.
Instructor: Shin Lee
Date: Tuesday, January 20
Time: 5:00PM TO 5:50PM
Place: Savery 121

Introduction to SAS
In this beginners’ class, I’ll demonstrate basic features of SAS and some data analysis procedures in SAS. The topics include: an overview of the SAS system; how to read/enter data; modify, explore and manage data; and some statistical procedures for regression analysis, including general linear model and logistic regression.
Instructor: Tina Tian
Date: Wednesday, January 21
Time: 2:30PM to 3:30PM
Place: Savery 121

R: Beyond the Basics
This class is for those who have used R in the past but want to get more out of using R. We will cover indexing, functions, and other techniques useful for data cleaning and troubleshooting.
Instructor: Stephanie Lee
Date: Thursday, January 22
Time: NOON TO 1:00PM
Place: Savery 121

Statistics in Excel
The course will cover some basic spreadsheet functionality including descriptive statistics, analyzing data with pivot tables, basic automation using macros, and charts and graphs.
Instructor: Linda Liaw
Date: Friday, January 23
Time: 11:30AM TO 12:30PM
Place: Savery 121

Introduction to R Graphics
This class is an introduction to creating graphics in R. R has a very powerful graphics engine and there are multiple ways to create graphs in R. Even using just the high-level function calls can produce some very useful and interesting graphs. However, in this class we will focus on the popular package ggplot2. Some knowledge of R is expected.
Instructor: Sergio I Garcia-Rios
Date: Friday, February 27
Time: 3:30pm to 4:30pm
Place: Savery 121

Format Your Thesis The Fun and Easy Way!
This lecture will help you format your thesis/dissertation to conform with the UW Graduate School Style and Policy Guidelines for Theses and Dissertations.
Instructor: Dixielynn Gleason
Date: Monday, January 26
Time: 9:30AM to 10:30AM
Place: Savery 121

Advanced Excel
This class will cover some of Excel’s more advanced features including pivot tables, functions for data management/analysis, and how to find or create custom functions. Depending on time and interest, I will also discuss the Word equation tool and how the intuitive shortcut commands allow you to quickly write equations.
Instructor: Colin Beam
Date: Tuesday, January 27
Time: 2:30PM TO 3:30PM
Place: Savery 121
Introduction to Qualitative Research and ATLAS.ti
This course provides a brief introduction to computer software for qualitative data analysis, including a brief comparison of two options, ATLAS.ti and the cloud-based Dedoose. The class will then provide an practical introduction to working in ATLAS.ti, covering basic terminology and functionality of the program. This will include importing documents (text and other media types), coding and annotating documents, and exploring relationships through visual analysis and built-in analysis and query tools. Time permitting, we may also briefly discuss best practices for data management.

Instructor: Carolina Johnson
Date: Wednesday, January 28
Time: 1:30PM TO 2:30PM
Place: Savery 121

Survival Analysis in SAS
This course is a hands-on introduction to the survival analysis tools in SAS. Topics covered will include life tables (LIFETEST), parametric models (LIFEREG), and the semi-parametric Cox proportional hazards model (PHREG).

Instructor: Darryl Holman
Date: Wednesday, January 28
Time: 2:30PM TO 3:30PM
Place: Savery 121

Introduction to GIS
This course will provide students with a broad overview of what geographic information systems (GISs) are and how social scientists can benefit from using them in their research. Students will explore basic GIS concepts through hands-on exercises using ArcGIS, a widely used GIS software package, as well as freely available data sets.

Instructor: Will Brown
Date: Wednesday, February 4
Time: 2:30PM TO 3:30PM
Place: Savery 121

FROM THE ARCHIVIST

NEW ON-LINE DATA
After the JD, Wave 3: A Longitudinal Study of Careers in Transition, 2012-2013, United States
Connecticut Health Care Survey, 2012-2013
Employee Records of the A.M. Byers Company [Pennsylvania], 1916-1952
Employee Records of the Ford Motor Company [Detroit Area], 1918-1947
Employee Records of the Pullman Car Works [Calumet, Illinois], 1902-1948
Korean General Social Survey (KGSS), 2011
Korean General Social Survey (KGSS), 2012
Longitudinal Survey Data of Households in Ouro Preto do Oeste, Rondonia, Brazil, 1996-2009
Puget Sound Regional Council (PSRC) Household Activity Survey Analysis Report, 2006
Seattle Household Travel Survey Wave 6, 1996
Seattle Household Travel Survey Wave 9, 2000
Seattle Household Travel Survey Wave 10, 2002
Survey of Consumer Attitudes and Behavior, January 2012
Survey of Consumer Attitudes and Behavior, December 2012
The Survey of Criminal Justice Experience (SCJE), 2013
US Newspapers in the American South, 1869-1896