

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 of Washington. This newsletter is published quarterly, and if you have items you would like included, please contact Fred Nick at 543-8110, or fred@u.washington.edu. If you have a campus mail stop and would like to subscribe to this newsletter, or if you would like to UN-subscribe to this newsletter, please call 543-8110. Thank you for reading this little tiny print. Some images copyright www.clipart.com. Go look at this splendidiferous website!

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University of Washington
Center for Social Science Computation & Research
145 Savery Hall Box 353345
Seattle WA 98195

CENTER FOR SOCIAL SCIENCE COMPUTATION & RESEARCH



SPRING QUARTER 2008

TABLE OF CONTENTS

From the Director	1
From the Archivist	2
ICPSR Summer Program ...	3,4
Class Schedule	5
Class Descriptions	6,7

SPRING 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

CONSULTANTS

Vicki Aken, Public Affairs
Yen-Sheng Chiang, Sociology
Jon Glick, Geography
Gregg Harbaugh, Education
Sheila Huang, Pinch-Hitter
Jinyoung Kim, Political Science
Tim Pasch, Communication
Melissa Pico, Social Work
Jianguo Wang, Economics
Betty Zou, Jackson School

ADMINISTRATIVE STAFF

Fred Nick, Director
Kathy Davis, Fiscal Specialist
Tina Tian, Archivist
Markus Tsai, LAN Manager
Dixielynn Gleason, WP/DP Consultant
Kate Marshall, Office Assistant

ADDRESSES

Center for Social Science
Computation & Research
University of Washington
1100 NE Campus Parkway, Condon 611
Box 353345
Seattle, Washington 98195 U.S.A.
(206) 543-8110
email: csscr@u.washington.edu
WWW: <http://julius.csscr.washington.edu/>

FROM THE DIRECTOR

Round three of the “Condon Quarters” has begun! ICPSR is again offering their Summer Program of classes and workshops. In this newsletter we have given you a short synopsis of what will be offered.

CSSCR will have some limited funds to help a few students afford the workshops. Contact Tina, our Archivist if you have questions. Have a great Spring! -- **Fred Nick**



FROM THE ARCHIVIST

NEW CDROWS/DVDs:

Annual Statistical Files, WA Vital Registration System: Births 2000-2006; Fetal Deaths 2000-2006
Annual Statistical Files, WA Vital Registration System: Deaths 1980-2006
Annual Statistical Files, WA Vital Registration System: Deaths 1980-2006

NEW ONLINE DATA:

Afrobarometer: Round 2.5 Survey of South Africa, 2004
British Social Attitudes Survey, 2001
CBS News Monthly Poll #1, June 2006
CBS News/New York Times Monthly Poll #1, May 2006
CBS News/New York Times Monthly Poll #1, July 2006
Census of Governments, 1992: Employment Statistics
Census of Governments, 1992: Finance Statistics
Census of Governments, 1992: Government Organization File
Census of Governments, 1997: Employment Statistics
Census of Governments, 1997: Finance Statistics
Census of Governments, 1997: Government Organization File
Census of Governments, 2002: Employment Statistics
Census of Governments, 2002: Finance Statistics
Census of Governments, 2002: Government Organization File
Consumer Expenditure Survey, 2005: Diary Survey
Consumer Expenditure Survey, 2005: Interview Survey and Detailed Expenditure Files
Consumer Expenditure Survey, 2006: Diary Survey
Consumer Expenditure Survey, 2006: Interview Survey and Detailed Expenditure Files
Eurobarometer 57.2: Health Issues, Cross-Border Purchases, and National Identities, April-June 2002
Eurobarometer 65.4: Discrimination in the EU, Organized Crime, Medical Research, Vehicle Intelligence Systems, and Humanitarian Aid, June-July 2006
Eurobarometer 66.2: Nuclear Energy and Safety, and Public Health Issues, October-November 2006
Eurobarometer 67.1: Cultural Values, Poverty and Social Exclusion, Developmental Aid, and Residential Mobility, February-March 2007
International Military Intervention, 1989-2005
Mexican Election Panel Study, 2000
Transatlantic Trends Survey, 2006
United States House of Representatives Committee Assignment Request Data, 80th-103rd Congress
Vital Statistics: Marriage Detail [United States], 1990

2008 ICPSR SUMMER TRAINING PROGRAM

The ICPSR Summer Program is designed to provide a comprehensive, integrated program of studies in research design, statistics, data analysis, and social science methodology. Intensive interdisciplinary work for historians, political scientists, sociologists, psychologists, and other social scientists is provided through a set of courses that can vary in length from three days to four weeks. Experiences in data processing and the analysis of data complement formal lectures and discussions in most of the courses. In short, the Summer Program trains you to be better, and more facile, users of data.

The two four—week sessions of the 2008 Program will meet from June 23 through July 18 and July 21 through August 15; Three— to Five— day workshops are available from the beginning of June through the end of August. All courses are held in Ann Arbor, Michigan, except where noted. Course information is now available, as are registration and fee details, at www.icpsr.umich.edu/training/summer/index.html.

The University of Washington is a member institution of ICPSR. You will be eligible for ICPSR member institution rates. Completed online applications should reach the Summer Program at ICPSR by Monday, April 28, 2008. CSSCR will receive a travel stipend to subsidize participants admitted into most of the workshops. We will post this information as soon as we receive it from ICPSR.

Feel free to contact Tina Tian at CSSCR if you have any questions:

Email: txtian@u.washington.edu Work telephone: 206-543-8110 Office: 611 Condon Hall

Time Schedule for Four—Week Courses

First Session: June 23—July 18

Lectures

- 11:00 AM-NOON Mathematics for Social Scientists I
Mathematics for Social Scientists II
- 1:00—2:30PM Introduction to Computing
Advanced Topics in Social Research
- 5:30—7:30PM Statistical Computing Using R/S
(June 24-July 3)

Workshops

- 9:00—11:00AM Quantitative Historical Analysis
Maximum Likelihood Estimation for
Generalized Linear Models
- 9:00—1:00PM Game Theory: Basic & Adv. Topics
- 12:30-2:30 PM Quantitative Analysis of Crime and
Criminal Justice (*This workshop will not
receive a stipend from CSSCR.*)
Methodological Issues in Quantitative
Research on Race and Ethnicity
- 2:30—4:30PM Intro to Statistics & Data Analysis I
Regression Analysis I: Introduction
Regression Analysis II: Linear Models
Regression Analysis III: Adv. Methods
Introduction to applied Bayesian
Modeling for the Social Sciences
Adv Multivariate Statistical Methods
Rational Choice Theories of Politics
and Society

Second Session: July 21—August 15

Lectures

- 8:30—10AM Intro to Computing (July 22—Aug 1)
- 9:00—10AM Complex Systems Models in the Social
Sciences
- Noon—1PM Matrix Algebra (July 22—August 8)
- 6:00—8PM Advanced Topics in Social Research

Workshops

- 10:00—Noon Regression Analysis II: Linear Models
Simultaneous Equation Models
Longitudinal Analysis
- 1:00—3PM Advanced Topics in Maximum
Likelihood Estimation
Intro to Statistics & Data Analysis II
Time Series Analysis
Advanced Bayesian Models for the
Social Sciences
- 3:00—5PM Categorical Analysis
Structural Equations Models with
Latent Variables

Please note:

June 23

July 4

July 21

August 15

*Four-week courses will not meet on the
following dates:*

(first-session registration)

(holiday)

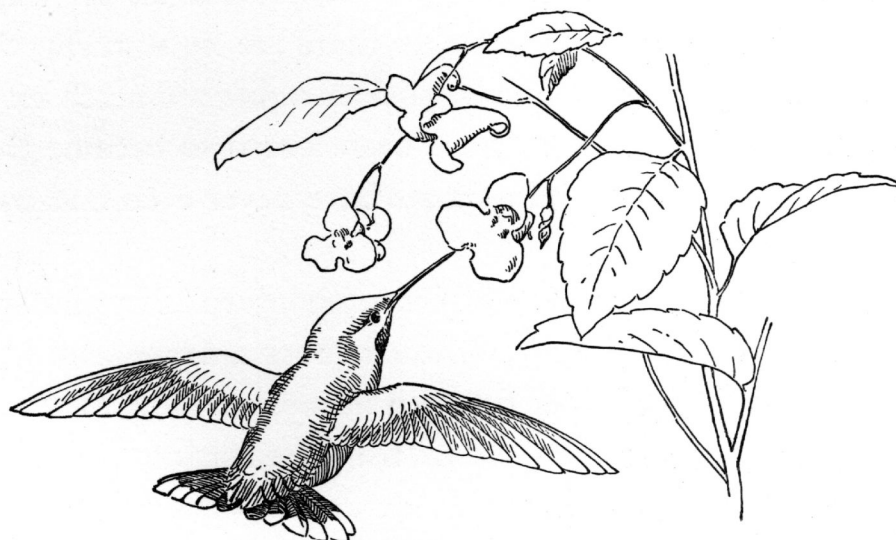
*(no morning classes for second-session
registration)*

(last day of second session)

2008 ICPSR SUMMER TRAINING PROGRAM (CONTINUED)

Time Schedule for 3— and 5—Day Workshops

June 2—6	Integrating Biomarkers into Population-Based Research
June 2—6	Panel Data Analysis Using Stata
June 2—13	Scaling Methods
June 9—12	Analyzing Developmental Trajectories
June 9—13	Respondent Confidentiality Protection and Disclosure Review: Practical Tools for Researchers
June 9—13	Categorical Data Analysis: Models for Binary, Ordinal, Nominal, and Count Outcomes
June 13—15	Network Analysis: An Accelerated Introduction
June 16—18	Collaborative Psychiatric Epidemiology Surveys (CPES)
June 16—20	Latent Trajectory/Growth Curve Analysis (Chapel Hill, NC)
June 16—20	Project on Human Development in Chicago Neighborhoods
June 23—27	Analyzing Multilevel and Mixed Models Using Stata
June 23—27	Hierarchical Linear Models I: Introduction (Amherst, MA)
June 23—27	Introduction to Applied Bayesian Statistics for Social Scientists (Chapel Hill, NC)
July 7—9	Examining Child Outcomes & Well-being in Early Care & Education Settings
July 7—10	Hierarchical Linear Models II: Special Topics
July 9—11	Designing, Conducting, and Analyzing Field Experiments (New Haven, CT)
July 14—18	Introduction to Spatial Regression Analysis (Bloomington, IN)
July 21—23	Welfare, Children, and Families: A Three—City Study
July 21—25	Network Analysis: An Introduction
July 21—25	Structural Equation Models and Latent Variables: An Introduction
July 24—25	Using Secondary Data for Analysis of Marriage and Family
Aug 11—15	Providing Social Science Data Services: Strategies for Design and Operation
Aug 11—15	Introduction to Multilevel Models Using SAS (Chapel Hill, NC)



CSSCR SPRING 2008 CLASSES

Here are the ways you can sign up for classes: Call 543-8110; stop by 611 Condon 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/>

Dummies for Dummies

Instructor: Vicki Aken
Date: Tuesday, April 22
Time: 9:00AM to 10:00AM
Place: Condon 601G

Making Fancy Graphs in R

Instructor: Yen-Sheng Chiang
Date: Friday, April 25
Time: 2:00PM to 3:00PM
Place: Condon 601G

Word 2008 (Macintosh)

Instructor: Dixielynn Gleason
Date: Monday, April 28
Time: 8:30AM to 9:30AM
Place: Condon 601G

Geocoding with ArcGIS

Instructor: Jon Glick
Date: Wednesday, April 30
Time: 4:00PM to 5:00PM
Place: Condon 601G

Analyzing Data with SPSS 16: For Beginners

Instructor: Betty Zou
Date: Friday, May 2
Time: 1:00PM to 2:00PM
Place: Condon 601G

Using Animations in the Classroom

Instructor: Gregg Harbaugh
Date: Wednesday, May 7
Time: 3:00PM to 4:00PM
Place: Condon 601G

Basic Statistical Analysis using R

Instructor: Jianguo Wang
Date: Thursday, May 8
Time: 1:00PM to 2:00PM
Place: Condon 601G

SPSS 16 for Mac Workflow

Instructor: Tim Pasch
Date: Wednesday, May 14
Time: 2:00PM to 2:50PM
Place: Condon 601C

Simple Database Creation

Instructor: Melissa Pico
Date: Wednesday, May 14
Time: 3:00PM to 4:00PM
Place: Condon 601G

Advanced Atlas.Ti

Instructor: Sheila Huang
Date: Thursday, May 15
Time: NOON to 1:00PM
Place: Condon 601G

Manage Census Data with SAS

Instructor: Tina Tian
Date: Wednesday, May 21
Time: 2:00PM to 3:00PM
Place: Condon 601G

Presentations with LaTeX Beamer

Instructor: JinYoung Kim
Date: Thursday, May 22
Time: 11:00AM to NOON
Place: Condon 601G



CSSCR CLASSES SPRING 2008

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 611 Condon during office hours, or use our Web page. <http://julius.csscr.washington.edu/> Please note the room number for the location of your class!

Dummies for Dummies

How to create dummy variables and run basic regressions in SPSS 16.

Instructor: Vicki Aken
Date: Tuesday, April 22
Time: 9:00AM to 10:00AM
Place: Condon 601G

Making Fancy Graphs in R

R is a high-level statistical programming language that can deal with data management, statistical analysis and graphic drawing. The merit of generating graphic presentations of quantitative analysis in R lies in its flexibility; one can customize a graph based on one's own idea! In this short course, I will briefly introduce some elementary skills and commands in R to produce the graphs that are commonly seen in the quantitative analysis of the social sciences.

Instructor: Yen-Sheng Chiang
Date: Friday, April 25
Time: 2:00PM to 3:00PM
Place: Condon 601G

Word 2008 (Macintosh)

This new version of Microsoft Word has a bunch of great shortcuts and new arrangements to tweak your type.

Instructor: Dixielynn Gleason
Date: Monday, April 28
Time: 8:30AM to 9:30AM
Place: Condon 601G

Geocoding with ArcGIS

Geocoding data involves using street address, city name, or zipcode to map data points for visualization or spatial analysis. This class will cover the basics of how to geocode a variety of data types using ArcGIS. We will also consider how to combine geocoded data with a range of pre-existing sources of GIS data.

Instructor: Jon Glick
Date: Wednesday, April 30
Time: 4:00PM to 5:00PM
Place: Condon 601G

Analyzing Data with SPSS 16: For Beginners

This course is designed for beginners and as a review for those who have some experience using SPSS. The course will cover basic data analysis functions such as frequency tables, comparing means and crosstabs, as well as creating and editing graphs. We will pay special attention to selecting variables that will generate manageable frequency and crosstabs tables.

Instructor: Betty Zou
Date: Friday, May 2
Time: 1:00PM to 2:00PM
Place: Condon 601G

Using Animations in the Classroom

In this lecture, we will talk about using Excel to generate interactive graphics for instruction.

Instructor: Gregg Harbaugh
Date: Wednesday, May 7
Time: 3:00PM to 4:00PM
Place: Condon 601G

Basic Statistical Analysis using R

This class will cover the basics of data analysis, graphics, regression and classical statistical tests using R.

Instructor: Jianguo Wang
Date: Thursday, May 8
Time: 1:00PM to 2:00PM
Place: Condon 601G

MORE CLASS DESCRIPTIONS ON PAGE 7

CLASS DESCRIPTIONS CONTINUED FROM PAGE 6

SPSS 16 for Mac Workflow

This class will cover an introduction to SPSS 16 for Intel Macs and demonstrates workflows moving between Spss and Office 2008 versions of Excel and Word. Workflows will be enhanced using Exposé and Spaces, and data will be moved between applications using a variety of techniques unique to the Leopard operating system.

Instructor: Tim Pasch
Date: Wednesday, May 14
Time: 2:00PM to 2:50PM
Place: Condon 601C

Simple Database Creation

Knowing how to create a database doesn't have to be a secret art form. In an hour, gain the tools you need to create your own database! This class is ideal for beginners in Microsoft Access and is tailored to give you the tools to create a simple, yet effective database for any business, organization, inventory, or research. Learn how to actually create tables, forms, queries, reports, set property values and customize the look of your database.

Instructor: Melissa Pico
Date: Wednesday, May 14
Time: 3:00PM to 4:00PM
Place: Condon 601G

Advanced Atlas.Ti

The course is designed to upgrade your knowledge and skills about this program for Qualitative Data Analysis(QDA). This session will include topics such as smart management and categorization of your analysis, data deduction by networking, useful comments and memos, and effective teamwork.

The primary target audience for this advanced session is Atlas.Ti users with basic skills. However, beginners are more than welcome to join to get an idea of how this program can facilitate your qualitative research.

Instructor: Sheila Huang
Date: Thursday, May 15
Time: NOON to 1:00PM
Place: Condon 601G

Manage Census Data with SAS

In this lecture, I will present the major data products of the decennial census (1970, 1980, 1990 & 2000) and American Community Survey (ACS 2005 & ACS 2006). The first part of the class will emphasize different years of Census products including Census concepts, terminology, geography as well as the structure and content of the various Census data files. The second part of the class will focus on using SAS software to read and manipulate the Census data files.

Instructor: Tina Tian
Date: Wednesday, May 21
Time: 2:00PM to 3:00PM
Place: Condon 601G

Presentations with LaTeX Beamer

This class introduces the tricks of creating presentations with LaTeX Beamer.

Using Beamer is different from using the "What you see is What you get" environment such as Powerpoint, Keynotes or KPresenter. A Beamer presentation involves typesetting like any other LaTeX document: it has a structure that consists of a preamble and a body. The body is structured by sections, frames and items, which are put in environments to compile an output presentation. The advantage of using Beamer is that it produces a beautiful, professional quality presentation, with the highest flexibility of expression to suit your needs. The down side is that the learning curve is steep.

Instructor: JinYoung Kim
Date: Thursday, May 22
Time: 11:00AM to NOON
Place: Condon 601G

