

# 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. Thank you for reading this little tiny print. Some images copyright [www.clipart.com](http://www.clipart.com). Go look at this splendid website!

## 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](mailto: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

## **Format Your Thesis The Fun & Easy Way!**

Instructor: Dixielynn Gleason  
Date: Monday, January 26  
Time: 9:30AM to 10:30AM  
Place: Savery 121

## **Introduction to SAS**

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

## **Advanced Excel**

Instructor: Colin Beam  
Date: Tuesday, January 27  
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

## **Introduction to Qualitative Research and ATLAS.ti**

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

## **Statistics in Excel**

Instructor: Linda Liaw  
Date: Friday, January 23  
Time: 11:30AM TO 12:30PM  
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 R Graphics**

Instructor: Sergio I Garcia-Rios  
Date: Friday, February 27  
Time: 3:30PM TO 4:30PM  
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 CLASSES WINTER 2015

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!

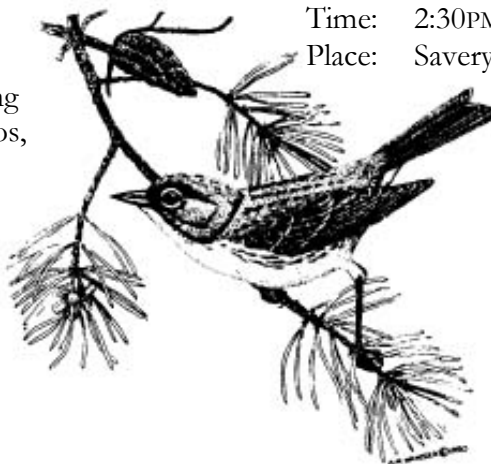
This lecture will help you format your thesis/dissertation to conform with the UW Graduate School Style and Policy Guidelines for Theses and Dissertations.

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 a 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**

American National Election Study, 1984: 1983 Pilot Study

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

Eurobarometer 78.2: European Parliament, Future of Europe and Consumer Behavior in the European Union, November-December 2012

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

Washington Representatives Study (Organized Interests in Washington Politics) - 1981, 1991, 2001, 2006, 2011