



CSSCR Autumn 2015, Number 2

From the Director

The Autumn Quarter is underway, and CSSCR is buzzing with activity. If you haven't already done so, now is a good time to put in lab reservations for Winter courses. And while you are at it, make reservations for Spring courses. Our labs are equipped with all new, high-end computers, and [loaded with software](#).

This newsletter describes our mid-Autumn short course offerings. These courses are free and open to anyone in the UW community, although some courses have space limitations. Course descriptions and sign-up information are [given below](#). In addition to the courses that are offered by our CSSCR staff, we are hosting two workshops from the U.S. Census Bureau. Also, Val Petrova, who is a part of the new UW-wide Qualitative Multi-Method Research Initiative (QUAL) is offering a series of courses on qualitative methods. Please [email](#) suggestions for short courses that would be useful for you or your students.

Finally, I want to mention that the Center for Studies in Demography and Ecology (CSDE) is offering their own *Introduction to Stata* workshop series on October 13th and 20th from 12:00pm to 2:00pm in Savery 117. Cori Mar is the instructor. More information can be found [here](#) and you can register [here](#).

Did you know that CSSCR has a secure data facility? Many data sets come with access limitations and special security requirements. CSSCR has a locked, limited access facility that satisfies the requirements for many restricted data providers. Please contact us for more information.

Last summer we launched our [remote computing service](#), with Atlas.ti as the debut analytical application. We have since added many other [analytical software packages and supporting tools](#). The service is available to faculty (and their U.W. research staff and collaborators) in the UW College of Arts and Sciences and our member units.

--Darryl Holman

Course Offerings

Introduction to SPSS

Description:

In this class we will go over how to begin using SPSS: how to read in data, how to explore and transform your variables, and some examples of data analysis and graphics.

Instructor: Stephanie Lee

Date: Thursday, October 15, 2015

Time: 12:00pm to 12:50pm **Place:** Savery 117

Introduction to GIS

Description:

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: Tuesday, November 3
Time: 12:30pm-1:20pm **Location:** Savery 121

Intermediate SPSS

Description:

This class will be a brief review of basic SPSS usage (data input, selection, recoding, descriptive analysis), and then we will look at cross-tab, t-test, correlation and regression analyses. Ill show you both GUI (drop-down menus) and Syntax usage of the SPSS package.

Instructor: Shin Lee
Date: Wednesday, November 4, 2015
Time: 3:00pm to 3:50pm **Place:** Savery 121

Introduction to Eviews

Description:

EViews is a statistical package for time-series and econometric analysis. This hour, I'll introduce you to the functions of loading and manipulating data, as well as running regressions.

Instructor: Laine Rutledge
Date: Wednesday, October 14, 2015
Time: 4:00pm to 4:50pm **Place:** Savery 117

Introduction to SAS

Description:

This introductory class will cover basic features and some data analysis procedures of SAS. The topics include: an overview of the SAS system; how to read/enter data, modify, explore and manage data; as well as some statistical procedures for regression analysis, such as general linear model and logistic regression.

Instructor: Tina Tian
Date: Tuesday, November 3, 2015
Time: 2:30pm to 3:45pm **Place:** Savery 121

Introduction to R Graphics with ggplot

Description:

This class is an introduction to creating graphics in R with the package ggplot. R has a very powerful graphics engine and there are multiple ways to create graphs in R. While R's built in graphics capabilities are flexible, using specialized graphics packages can help produce polished graphics quickly. A number of graphics packages exist; in this course we will focus on the popular package ggplot. Some knowledge of R is expected

Instructor: Carolina Johnson
Date: Wednesday, November 4, 2015
Time: 1:30pm to 2:20pm **Place:** Savery 121

R Graphics Using ggplot2

Description:

This class is an introduction to the popular graphics package ggplot2. We will discuss the structure of the ggplot2, including the basic elements of the underlying grammar and how plots can be built-up in a layered fashion. We will then use ggplot2 to produce number of different plots, such as line graphs, histograms, and boxplots. Attendees will be assumed to have basic familiarity with R.

Instructor: Colin Beam

Date: Tuesday, November 10th, 2015

Time: 4:30pm to 5:30pm **Place:** Savery 121

Census Data for Community Analysis

Description:

This workshop will highlight data from the main *demographic* programs of the Census Bureau--the Decennial Census and the American Community Survey-but will include access to some of the other periodic demographic surveys:

- How to start a data search
- Census concepts
- Census Bureau demographic programs
- Accessing the data
- Presenting the data
- Sources and resources
- Facilitated DIY exercises

Instructor: Linda Clark, Data Dissemination Specialist, U.S. Census Bureau

Date: Thursday, October 22, 2015

Time: 1:00pm to 4:00pm **Place:** Savery 117

Measuring the Economy: Uses of the Data

Description:

National policy makers -- as well as your local business owners -- use the rich sources of economic data from the Census Bureau to help them make informed decisions. In this session we will explore data from the *economic* census and a variety of economic surveys:

- What's new on the enhanced website?
- National-level economic indicators
- Concepts and terminology
- How economic data are organized
- How data are used
- Small business tools
- Resources
- Facilitated DIY exercises

Instructor: Linda Clark, Data Dissemination Specialist, U.S. Census Bureau

Date: Friday, October 23, 2015

Time: 1:00pm to 4:00pm **Place:** Savery 117

QUAL Workshop Tutorial: Introduction to QDA Software

Description:

This session will be an introduction to qualitative data analysis (QDA) software. A hands-on introduction to the ATLAS.ti software will take up the majority of this session. This will cover basic terminology and functionality of the program, adding data to a project (including text and other media types), coding and annotating documents. *This series is offered as part of the new UW-wide Qualitative Multi-Method Research Initiative (QUAL). If you have any questions, contact QUAL Program Coordinator and workshop instructor, Valentina Petrova, petrova@uw.edu*

Instructor: Val Petrova, Qualitative Multi-Method Research Initiative

Date: Thursday, October 15, 2015

Time: 10:30am to 12:30pm **Place:** Savery 121

QUAL Workshop Tutorial: Collecting and Analyzing Theories, Claims, and Hypotheses

Description:

ATLAS.ti is an especially suitable tool for collecting and annotating readings about theories and claims in any social science research project. This session will demonstrate - with an example project - how ATLAS.ti could be used to code and annotate source documents for a literature review. *This series is offered as part of the new UW-wide Qualitative Multi-Method Research Initiative (QUAL). If you have any questions, contact QUAL Program Coordinator and workshop instructor, Valentina Petrova, petrova@uw.edu*

Instructor: Val Petrova, Qualitative Multi-Method Research Initiative

Date: Thursday, October 29, 2015

Time: 10:30am to 12:30pm **Place:** Savery 121

QUAL Workshop Tutorial: Collecting and Analyzing Evidence

Description:

Building on the literature review sample project from the previous session, participants will practice adding preliminary evidence data including sample interviews, newspaper articles, website content, video and audio materials. *This series is offered as part of the new UW-wide Qualitative Multi-Method Research Initiative (QUAL). If you have any questions, contact QUAL Program Coordinator and workshop instructor, Valentina Petrova, petrova@uw.edu*

Instructor: Val Petrova, Qualitative Multi-Method Research Initiative

Date: Thursday, November 12, 2015

Time: 10:30am to 12:30pm **Place:** Savery 121

QUAL Workshop Tutorial: Pulling Together Your Research Question

Description:

Building on the work from sessions two and three, participants will see how ATLAS.ti can help them reveal connections between their notes from a literature review and the coded preliminary evidence data. The ultimate goal of the exercise will be to arrive at a research question, situated in the literature and grounded in evidence. *This series is offered as part of the new UW-wide Qualitative Multi-Method Research Initiative (QUAL). If you have any questions, contact QUAL Program Coordinator and workshop instructor, Valentina Petrova, petrova@uw.edu*

Instructor: Val Petrova, Qualitative Multi-Method Research Initiative

Date: Thursday, December 3, 2015

Time: 10:30am to 12:30pm **Place:** Savery 121

To register for the above classes, [follow this link](#).

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.

Hours of Operation

Autumn Quarter

Consulting and Computers: Monday to Thursday: 8:00am to 9:00pm, Friday: 8:00am to 5:00pm

Office: Monday to Friday: 8:00am to 12:00pm, 1:00pm to 5:00pm

We are closed weekends and for University holidays

Contact Us

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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.

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