Political Science Department's Methods Workshop
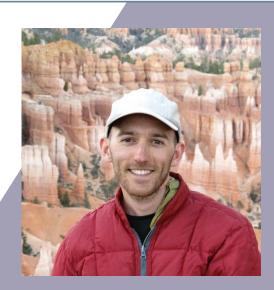
and the Policy Design and Evaluation Lab

present

Garret Christensen

Research Fellow
Berkeley Initiative for Transparency
in the Social Sciences

Wednesday, February 10th, 2016
SSB 107 at 12:00 p.m.
Lunch Served

LECTURE: Political Science, Psychology, and economics have each recently taken their turn in the spotlight with instances of influential research that falls apart under scrutiny. There is growing evidence that much social science research features false positives or is not reproducible. I review the source of these problems, then discuss new techniques to increase reproducibility, including changes in journal publication processes and the use of public registries for preanalysis plans.

Thursday, February 11th, 2016
SSB 104 at 12:00 p.m.
Lunch Served

WORKSHOP TALK: A Reproducible Workflow: hands-on introduction to version control and dynamic documents to improve your research
This workshop will introduce you to free software tools that can help make your research more transparent and reproducible. Working through a hands-on example of a research project from beginning to end, I will introduce you to R Studio, R Markdown, Git and GitHub, and the Open Science Framework, and together we will walk through the steps required to register a project, conduct analysis, save documents with version control, and post data in a trusted public repository. We will focus on version controland dynamic documents, which allow you to do statistical analysis and write your final paper all in one document. This allows for a completely reproducible paper from beginning to end with just one mouse click.
For this workshop, visit the following page and install software tools before the workshop: http://www.bitss.org/?p=3941 for instructions.