

CONTACT INFORMATION	brigid@stat.ucla.edu
EDUCATION	<p>University of California, Los Angeles Ph.D. Candidate, Statistics; M.S., Statistics, Spring 2008</p> <p>Swarthmore College, Swarthmore, Pennsylvania B.A., Mathematics, May, 2004</p>
PROFESSIONAL EXPERIENCE	<p>Statistical Consulting Group, Academic Technology Services, UCLA <i>Programmer/Analyst</i> March 2007-present Advise UCLA researchers on statistical issues. Maintain and create webpages designed to assist researchers with statistical tasks in widely used statistical software packages. Gain proficiency with statistical software packages. Learn models and tests appropriate to specific disciplines and types of data.</p> <p>Quantitative Economics and Statistics Group, Ernst & Young, LLP, Washington, D.C. <i>Analyst</i> July 2004-July 2006 Worked with economists and statisticians. Advised clients across business sectors. Programmed in SAS for sampling and regression analyses. Worked primarily with financial services clients assessing fair lending risks. Researched fair lending legislation and risk-based loan pricing.</p> <p>Analysis and Inference, Inc., Swarthmore, PA <i>Intern</i> May 2003-August 2003 Assisted in preparing expert testimony for Library of Congress Copyright Board regarding bias in the division of cable television royalties. Confirmed results presented in testimony using Stata for data analysis.</p>
ONGOING RESEARCH	<p>Taylor Micro-Technology, Inc., New York, NY January 2008-present Questionnaire and image data collected from patients with chronic knee pain. Analysis includes data management, non-linear models, development of spatial clustering algorithms.</p> <p>Dissertation, UCLA Advanced to candidacy May 2009 Developing techniques for analysis of multivariate medical questionnaire data incorporating respondent-provided image data. Taylor Micro-Technology data used as motivating example.</p>
PUBLICATIONS	<p>Wilson, B. (2009). A Handbook of Statistical Analyses Using SAS (Third Edition). (book review). <i>Journal of Statistical Software</i>, 30, 2.</p> <p>Wilson, B. & Chen, X. Visualizing Marginal Effects from Interactions in Generalized Linear Models. Presented at SAS Global Forum 2011.</p>
COMPLETED COURSEWORK	<p>Statistics: Applied Probability, Statistics Programming, Research Design, Sampling, Data Management, Regression, Large Sample Theory, Data Mining, Monte Carlo Methods, Latent Variable Analysis, Spatial Statistics, Experimental Design</p> <p>Additional coursework in other departments: Survival Analysis (Biostatistics), Stochastic Methods in Biology (Biomath), Neuroimaging (Psychiatry), Epidemiologic Methods (Epidemiology), Technology in Education (Education)</p>
COMPUTING SKILLS	<p>Statistical Packages: R, SAS, Stata, SPSS.</p> <p>SAS Training Courses: Programming I, Macro Language, Mixed Models, SQL, Bayesian Analysis</p>