

Brian R. Gaines

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<http://brgaines.github.io>

EDUCATION

North Carolina State University, Raleigh, NC

Doctor of Philosophy, Statistics

May 2016 (Expected)

Master of Statistics, Mathematical Statistics Concentration

August 2014

- GPA: 3.8/4.0
- Passed qualifier at PhD level
- Passed PhD prelim exam

Virginia Commonwealth University, Richmond, VA

Non-degree seeking

August 2007 - May 2011

- GPA: 4.0/4.0
- Completed nine math courses

Indiana University, Bloomington, IN

Bachelor of Arts (High Distinction), Economics & Political Science

May 2007

- GPA: 3.9/4.0
- Phi Beta Kappa

ACADEMIC EXPERIENCE

North Carolina State University, Raleigh, NC

Statistical Consultant, College of Veterinary Medicine

August 2014 – Present

Lecturer, ST311

May 2014 – August 2014

Teaching Assistant

August 2011 – May 2014

- ST512 – Experimental Statistics For Biological Sciences II
- ST372 – Introduction to Statistical Inference and Regression
- ST311 – Introduction to Statistics
- ST350 – Economics & Business Statistics

University of Richmond, Richmond, VA

Guest Lecturer, ECON 200 – Money & Banking

January 2011

WORK EXPERIENCE

Federal Reserve Bank of Richmond, Richmond, VA

Research Associate (Research)

July 2010 - August 2011

- Supplied research assistance to staff economists
- Aided in preparation of memos for pre-FOMC meetings

Research Associate (National Economic Conditions)

July 2007 - July 2010

- Briefed economists on recent macroeconomic data
- Provided research support for President Jeffrey Lacker

U.S. Congressman Mike Pence, Washington, D.C.

Intern

June 2006 - July 2006

- Conducted tours of the U.S. Capitol for constituents
- Processed constituent mail

PROFESSIONAL ACTIVITIES & SERVICE

NCSU Statistical Learning Group (SLG), Raleigh, NC
Organizer

July 2014 – Present

Department Graduate Student Association (GSA), Raleigh, NC
President
Member, Beach Trip Committee

May 2013 – May 2014
June 2013 – September 2013

Statistics in the Community (STATCOM), Raleigh, NC
Member, Executive Committee

November 2012 – Nov. 2013

NC State University Statistics Department, Raleigh, NC
Stat Buddy Mentor

June 2012 – May 2013

PUBLICATIONS

Jarque, A., and **Gaines, B.** (2013). "Regulation and the Composition of CEO Pay." *Federal Reserve Bank of Richmond Economic Quarterly*, 98(4), 309-348.

AWARDS

Gertrude M. Cox Achievement Award (best prelim exam)	April 2014
Department Outstanding Teaching Assistant	April 2014
University GSA Outstanding Teaching Assistant	March 2014
Elected to Mu Sigma Rho (statistics honor society)	March 2013
STEM Supplemental Fellowship	August 2011 - May 2012

RESEARCH INTERESTS

Machine learning, big and high-dimensional data, computational statistics, Bayesian methods

PROGRAMMING EXPERIENCE

R, MATLAB, SAS, Stata, WinBUGS