

Brian R. Gaines

brgaines@ncsu.edu

EDUCATION

North Carolina State University, Raleigh, NC

Doctor of Philosophy, Statistics

Master of Statistics, Mathematical Statistics Concentration

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

May 2016 (Expected)

August 2014

Virginia Commonwealth University, Richmond, VA

Non-degree seeking

- GPA: 4.0/4.0
- Completed nine math courses

August 2007 - May 2011

Indiana University, Bloomington, IN

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

- GPA: 3.9/4.0
- Phi Beta Kappa

May 2007

ACADEMIC EXPERIENCE

North Carolina State University, Raleigh, NC

Lecturer, ST311

Teaching Assistant

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

May 2014 – August 2014

August 2011 – May 2014

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)

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

July 2010 - August 2011

Research Associate (National Economic Conditions)

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

July 2007 - July 2010

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

Intern

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

June 2006 - July 2006

PROFESSIONAL ACTIVITIES & SERVICE

Department Graduate Student Association (GSA), Raleigh, NC

President

May 2013 – May 2014

Member, Beach Trip Committee

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