

# Austin Boyle

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## Contact Information

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## Education

The Florida State University, Tallahassee, FL

**Doctor of Philosophy in Economics**

April 2013

- Committee Members: Dr. Keith Ihlanfeldt (chair), Dr. Mark Isaac, Dr. Randall Holcombe, Dr. Charles Barrilleaux
- Major Field: Industrial Organization. Minor Field: Applied Econometrics.
- Dissertation: *Homestead Portability: Equity and Tax Base Effects of Florida's Amendment One*. Includes empirical and experimental chapters.

Harriet L. Wilkes Honors College of Florida Atlantic University, Jupiter, FL

**Bachelor of Liberal Arts and Sciences, Magna Cum Laude**

April 2006

Concentration: Economics. Minors: Chemistry and Spanish

- Studies abroad in Spain and Ecuador
- Honors Thesis: *How Regulation Fuels Consumption of Ethanol: A Spatial Analysis of Pro-Ethanol Policies in the USA*

## Institutional Professional Experience

**Economics Department, The Pennsylvania State University**, University Park, PA

*Assistant Teaching Professor*

Fall 2017 – present

*Lecturer of Economics*

Fall 2013 – Summer 2017

### *Resident Instruction*

- ECON102 Introductory Microeconomic Analysis and Policy
  - Taught 13 semesters
  - Class sizes ranging from 200 – 700 students
- ECON106 Statistical Introduction to Econometrics (360 students)
  - Taught 7 semesters
  - Class sizes ranging from 80 – 350 students

### *Online Instruction*

- ECON102 Introductory Microeconomic Analysis and Policy, taught 2 semesters
- ECON106 Statistical Introduction to Econometrics, taught 1 semester
- ECON333 International Economics, taught 2 semesters
- ECON402 Game Theory, taught 2 semesters
- ECON425 Public Finance, taught 1 semester
- ECON428 Environmental Economics, taught 2 semesters

- ECON471 Economic Growth and Development, taught 1 semester

*Course Author*

- Update online course for ECON333 International Economics Fall 2017 – Spring 2018
- Create an online course for ECON402 Game Theory Fall 2015 – Spring 2016
- Create an online course for ECON428 Environmental Economics Fall 2014 – Spring 2015

**Economics Department, The Florida State University, Tallahassee, FL**

*Instructor of Record*

- ECO2023 Principles of Microeconomics Summer 2008 – Fall 2012
  - Taught 5 semesters
  - Class sizes ranging from 49 – 177 students
- ECO2000 Introduction to Economics (39 students) Summer 2010
- ECO2013 Principles of Macroeconomics (50 students) Summer 2007

**Program for Instructional Excellence at FSU, Tallahassee, FL**

*Associate*

June 2012 – April 2013

- Collaborate with PIE at FSU to develop my own teaching and lead other TAs in the economics department
- Assist with PIE Conference, a two day event for graduate TAs university wide with approximately 450 attendees

**Economics Department, The Florida State University, Tallahassee, FL**

*Teaching Assistant*

August 2006 – Present

- Teaching assistant for 17 sections of undergraduate courses in economics including principles classes and econometrics
- Grade assignments, provide out of class instruction for students, staff economics help desk, and attend lectures
- Teach class five times if instructor is absent, including audiences of about 400 students

**Wilkes Honors College of FAU, Jupiter, FL**

*Tutor*

January 2005 – April 2006

- Assisted students with their Spanish language and literature classes
- Invited for position by Spanish department chair without submitting application

## Referee Service

- Transportation Research Part D
- Mercatus Center
- Journal of Planning Education and Research
- Journal of Economic Education

## University Service

- Pennsylvania State University
  - Faculty advisor for International Lifting Organization Spring 2019 – present
  - Member of University-wide Learning Spaces Leadership Committee Fall 2018 – present
  - Canvas Faculty Champion Fall 2016 – present
  - Department study abroad liaison and course evaluator Fall 2016 – present
  - Blogger for departmental undergraduate blog, “Economics Encounter” Summer 2014 – present
  - Faculty advisor for Roster Construction and Basketball Analytics Club Fall 2017 – Fall 2018
  - Faculty advisor for Animal Outreach student organization Summer 2017 – Spring 2018
  - Faculty advisor for Students Helping Honduras student organization Fall 2016 – Spring 2018
  - Faculty leader for “Great Debate” Spring 2018
  - Mentor for graduate student instructors Summers 2014 – 2017
  - GTA mentoring program co-coordinator Summers 2014 – 2016
  - Organizer and workshop leader for training GTAs Summers 2014 – 2016
  - Spend a Summer Day, Economics Representative Summers 2015 – 2018
  - Higher Achievement Program presenter August 2014 – 2016
  - Faculty advisor for Young Americans for Liberty Fall 2014 – Spring 2015
  - Faculty leader for “Great Debate” Spring 2014
  - Faculty advisor for Individuals for Capitalism student organization 2013 – 2014
- Florida State University
  - Retrieve economics job market candidates from Tallahassee Airport and show them around town 2010 – 2013
  - Prepare, organize, and facilitate workshop for graduate students in economics who served as instructors of record to reflect on their first teaching experience in order to improve instruction the next time around September 2012
  - Volunteer proctor for FSU Economics Department block final examinations 2006 – 2007
- Florida Atlantic University
  - MacArthur Campus Ambassador for FAU 2003 – 2006
  - Student Orientation Leader for Wilkes Honors College 2003 – 2006
  - Selection Committee Wilkes Honors College Distinguished Teacher of the Year Fall 2004, Spring 2005, Spring 2006
  - Graduation planning committee for Wilkes Honors College 2006

## Publications

- Boyle and Goffe. Beyond the Flipped Class: the Impact of Research-Based Teaching Methods in a Macroeconomics Principles Class. (2018). *AEA Papers and Proceedings*. 108, 297-301.
- Boyle, Barrilleaux, and Scheller. Does Walkability Influence Housing Prices? Evidence from Miami. (2014). *Social Science Quarterly*. 95(3), 852-867.

## Research in Progress

- Boyle and Cruz. Learning Curves: Instructional Strategies for improving Learning Patterns in the Economics Classroom
- Larson and Boyle. The Effect of Digital Social Interactions in Online Learning – Can social interaction frequencies in an Online Learning Platform predict grade and completion outcomes?
- Kagundu, Boyle, and Goffe. The effect of student early progress reports on academic performance.

## Presentations

- Teaching and Learning with Technology Symposium, University Park, PA March 2018  
Open Innovation Challenge Finalist: Students Teaching Robots Teaching Students (second place)
- **American Economic Association**, Philadelphia, PA January 2018  
Present Beyond the Flipped Class: the Impact of Research-based Teaching Methods in a Macroeconomics Principles Class with Bill Goffe
- Text Expansion Software, University Park, PA October 2017  
Part of Software in Humanities and Social Sciences series
- Higher Achievement University Tour, University Park, PA August 2014 – 2017  
Present “What is Economics?” with Amanda Mandzik
- Leveraging Technology, Cincinnati, OH June 2017  
Present how to accomplish repeated tasks faster with use of technology.
- Teaching Canvas to Teachers, University Park, PA March 2017  
Present online course I developed to prepare faculty transitioning to Canvas LMS
- Life After Econ: Careers and Education with an Economics Degree, Jupiter, FL February 2016  
Panelist to discuss various career options for undergraduate students
- **American Economic Association Conference on Teaching and Research in Economic Education (CTREE)**, Washington D.C. May 2014  
Present “Teaching Production and Profit with a Demonstration”
- **Southern Economic Association**, New Orleans, LA November 2012  
Present “Portability’s Effect on Jurisdictional Tax Bases” and serve as discussant for another paper on housing markets
- Activities in the Classroom, FSU Program for Instructional Excellence October 2012  
Co-design and co-present workshop for graduate student instructors to discuss value, planning, and execution of in-class activities including use of technology and contingency plans
- DeVoe Moore Workshop, FSU October 2012  
Present “Equity Effects of Florida’s Amendment One”
- Experimental Economics Reading Group, FSU August 2012  
Present “Homestead Portability’s Effect on Mobility and Lock-In: An Experiment”
- Quantitative Methods Workshop, FSU March 2012  
Present “Are findings that walkability influences housing values misleading? Evidence from Miami”
- **Southern Political Science Association**, New Orleans, LA January 2012  
Present “Does Walkability Influence Housing Prices?”
- **Forensic Sciences Symposium**, Ft. Lauderdale, FL April 2006  
Poster Presentation “The Chemical Analysis of Latent Fingerprints by Gas Chromatography - Mass Spectrometry” with Alex Algarin, Walter Jean Vertus, Heather Marchetti, Robert McCurdy, Laura Owens, Maria Rodriguez, Eugene T. Smith, Josh Tabor, Glen Turner, and Graham Whitaker
- **Wilkes Honors College Symposium**, Jupiter, FL April 2006  
Present “How Regulation Fuels Consumption of Ethanol: A Spatial Analysis of Pro-Ethanol Policies in the USA”
- **Wilkes Honors College Symposium**, Jupiter, FL April 2006  
Poster Presentation “The Chemical Analysis of Latent Fingerprints by Gas Chromatography - Mass Spectrometry” with Alex Algarin, Walter Jean Vertus, Heather Marchetti, Robert McCurdy, Laura Owens, Maria Rodriguez, Eugene T. Smith, Josh Tabor, Glen Turner, and Graham Whitaker

## Contributions to Larger Works

- Cited in Coppock, L., et al (2017). The Ultimate Guide to Teaching Macroeconomics. New York: W.W. Norton & Company, Inc.
  - Contributed my video on intuition in the Solow growth model

## Professional Development

- Liberal Arts Teaching Group Member, University Park, PA October 2013 - present  
Meet monthly to discuss articles and contemporary pedagogy with other instructors of large classes
- OL3400: Online Course Design, Online May 2019  
From PSU's World Campus Faculty Development
- Teaching and Learning with Technology Symposium, University Park, PA March 2019  
Attend conference focusing on leveraging technology to improve learning
- Canvas Day, University Park, PA March 2019  
Attend conference on getting the most out of Canvas LMS
- OL3200: Military & Veteran Students, Online December 2018  
From PSU's World Campus Faculty Development
- OL3300: Teaching the International Student, Online July 2018  
From PSU's World Campus Faculty Development
- Instructional Practice Certificate, Online June 2018  
From PSU's World Campus Faculty Development
- OL2200: Assessment of Online Learners, Online May 2018  
Assessment, evaluation, rubrics, student input
- OL2300: Teamwork in Online Teaching and Learning, Online May 2018  
Learn about groups and teams in online environments, complete team project
- OL3100: Teaching the Adult Learner April 2018  
Learn how adult learners differ from traditional college students and how to help them succeed.
- Canvas Day, University Park, PA March 2018  
Attend conference on getting the most out of Canvas LMS
- Canvas Brown Bag Online Training March 2018  
Empower Your Students to Collaborate Effectively Using Canvas Groups
- Improving Pedagogy through Improv Theater class, University Park, PA Fall 2017  
8-week course focusing on reacting to the unexpected.
- Teaching and Learning with Technology Symposium, University Park, PA March 2016  
Attend conference focusing on leveraging technology to improve learning.
- Civitas Inspire for Faculty Training, University Park, PA January 2016  
Training for pilot members of the Inspire software which helps identify struggling students preemptively.
- PSU World Campus Online Teaching Certificate, Online January 2016  
Training certification from #1 online program in USA
- OL2700: Online Presence, Online January 2016  
Learn to establish and maintain presence as a professor of online courses.
- OL1800: Accessibility Faculty Development Module, Online January 2016  
Best practices for accessibility of online classes (for students who require accommodation)

- OL1700: Serving Those Who Serve, Online January 2016  
Learning about special needs of active duty military and veteran students
- OL2000: Effective Online Teaching, Online September 2015  
Training on online teaching and learning
- Canvas Training, University Park, PA August 2015  
Attend two day training to participate in LMS pilot.
- AP Reader, Cincinnati, OH June 2015  
Evaluate and score the free-response section of AP Microeconomics exams.
- Sapling Learning Demo, Online February 2015  
View presentation of online homework environment
- Proactive Approaches to Preventing Cheating, University Park, PA December 2014  
Workshop hosted by PSU STEM Teaching Group
- FAC DEV 101 Online Course Authoring, Online September 2014  
Acquire skills to design and instruct an online class.
- OL4000: Online Course Authoring, Online and University Park, PA May 2014  
Prepare to design an online course for PSU's World Campus
- Improving Student Performance by Addressing Student and Teacher Misconceptions About Learning, University Park, PA February 2014  
Seminar by Stephen Chew
- Taking a Scientific Approach to Science Education, University Park, PA February 2014  
Seminar by Carl Wieman
- Assessments: Overview of Best Thinking and Best Practices Webinar January 2014  
Schreyer Institute for Teaching Excellence
- Common Sense Economics for Life Online Course Training, Tampa, FL February 2013  
Fully prepare to teach "Common Sense Economics" as face to face or online course
- Creative Teaching Ideas for Your Basic Economics Course, Tampa, FL February 2013  
Attend conference sessions highlighting ways to engage students with introductory economics
- Cengage Learning Annual Teaching Conference, Orlando, FL November 2012  
Attend interactive graduate student sessions
- Creative Ideas for the Teaching of Basic Economics, Tallahassee, FL February, 2012  
Attend all conference sessions, some were interactive
- Public Policy and the Institutions of Liberty Conference, Washington, DC September 2011  
Participation in discussion of conference readings
- Advanced zTree Workshop, FSU May 2010  
Learn more advanced and eloquent ways to program in zTree.
- Creative Ideas for the Teaching of Basic Economics, Tallahassee, FL February 2010  
Attend all conference sessions
- Economics of Crime Symposium, Tallahassee, FL March 2009  
Chauffeur participants between airport, hotel, and conference site. Attend all sessions.
- Workshop on Experimental Game Theory, Tallahassee, FL February 2009  
Attend all sessions
- Social Dilemmas Conference, Tallahassee, FL February 2008  
Attend all sessions
- zTree Workshop, Tallahassee, FL August 2007  
Learn basics of programming in zTree, program a sample experiment

## Honors and Awards

2 <sup>nd</sup> place in PSU Teaching & Learning with Technology Open Innovation Challenge	March 2018
Southern Economic Association Graduate Student Award	November 2012
Dewey F. Bartlett Fellowship for Excellence in Economics Education	November 2011
Charles E. Rockwood Graduate Student Teaching Award	December 2010
DeVoe Moore Dissertation Fellowship	August 2010 – August 2011
Golden Key Outstanding Graduate Member Scholarship	April 2010
Sigma Delta Pi Honor Society	October 2005
Golden Key Honor Society	February 2004
Henry Morrison Flagler Scholarship	May 2004 – May 2006
<ul style="list-style-type: none"> <li>• Top scholarship offered by Wilkes Honors College</li> </ul>	
Richardson Scholarship	August 2002 – May 2004 & August 2006 – May 2008
<ul style="list-style-type: none"> <li>• Top scholarship offered by Dollars for Scholars of Indian River County</li> </ul>	

## Professional Experience

### Educational Testing Service, Cincinnati, OH

*Table Leader* June 2018, 2019

- Collaborate in the development of the rubric used to grade a free response question on the AP microeconomics exam
- Supervise and evaluate AP Readers
- Consistently score short answer portion of AP Microeconomics exams

*AP Reader* June 2015, 2016, 2017

- Consistently score short answer portion of AP Microeconomics exams

### Pearson Education, Boston, MA

*Member of Pearson Economics Digital Advisory Board* 2018

- Provide feedback on upcoming innovations in digital presentation of economics content, interactivities, and assessments

*Focus Group Member* January 2018, March 2015

- Review pre-release version of “Digital Interactives” on comparative advantage and elasticity.

*Reviewer* December 2014

- Review early materials for new economics eTextbook.

### W.W. Norton Publishers, NY

*Author* December 2012 – March 2013

- Compose textbook specific questions to be asked by online learning management system as part of the release of a new textbook
- Develop algorithmic iterations of questions and provide answer specific feedback for common student errors

*Focus Group Member* November 2012

- Participate in focus group regarding a new economics textbook and its corresponding online homework. Notable feedback I provided includes idea to put QR codes on textbook pages.

### RGI, Marietta, GA

*Consultant* September 2012 – December 2014

- Translate old computer code into Stata language to modernize data analysis

- Collaborate with an employee to build a model predicting response rate to mailers

**Novel Projects**, Boise, ID*Consultant*

April 2009 – July 2014

- Provide suggestions for book recommendation engine
- Guide development of an auction based advertising system

**Freelance Tutor**, Tallahassee, FL

September 2006 – May 2013

- Provide specific instruction focused on individual student's area of weakness
- Specialize in econometrics and principles of microeconomics
- Also tutor for economic development, intermediate micro/macro, principles of macroeconomics, game theory, and health economics

## Computer Skills

Teaching Software, proficient in

- Camtasia
- Canvas LMS
- Doceri
- i>clicker
- Powerpoint
- Youtube (see <https://goo.gl/YRUDHj>) for my channel with over 156,000 views

Research Software, proficient in

- L<sup>A</sup>T<sub>E</sub>X
- Stata

## Professional Membership

- American Economic Association

## Languages

English, native speaker

Spanish, proficient in reading, writing, and conversation

## References

**Dr. Keith Ihlanfeldt**

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