# BENJAMIN T. SKINNER

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## CURRENT APPOINTMENT

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| 2017 | **University of Virginia, Curry School of Education/EdPolicyWorks**<br>Research Assistant Professor of Education |

## EDUCATION

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|---|---|---|
| 2017 | **Vanderbilt University**, Leadership and Policy Studies | Ph.D. |
| 2008 | **University of Chicago**, Humanities | M.A. |
| 2006 | **Vanderbilt University**, Music and English | B.Mus. |

## RESEARCH INTERESTS

Education policy; community colleges and open access universities; college access; spatial statistics; Bayesian methods; high-performance statistical computing

## PUBLICATIONS

**Peer reviewed**

Doyle, W. R. & Skinner, B. T. (2017). Does postsecondary education result in civic benefits? *The Journal of Higher Education*, *88*(6), 863–893. doi:10.1080/00221546.2017.1291258

Doyle, W. R. & Skinner, B. T. (2016). Estimating the education-earnings equation using geographic variation. *Economics of Education Review*, *53*, 254–267

Heyneman, S. P. & Skinner, B. T. (2014). The Bologna Process in the countries of the former Soviet Union: An outsider's perspective. *Journal of the European Higher Education Area*, *01/2014*

**Analyst**

Institute for Research on Higher Education. (2016). *College affordability diagnosis: National report*. Institute for Research on Higher Education, Graduate School of Education, University of Pennsylvania. Philadelphia, PA

*Updated: 26 September 2017*

## Submitted Papers

Skinner, B. T. (2017). Making the connection: Broadband access and online course enrollment at public open admissions institutions

Skinner, B. T. (2017). How has college choice changed? An update for the 2000s using the conditional logit model. *Under revise and resubmit*

## Working Papers

Skinner, B. T. (2017). Predicting degree outcomes of online course enrollment at the state level using Bayesian multilevel regression and poststratification

Skinner, B. T. (2017). Estimating the effect of online courses on student persistence and likelihood of passing in Georgia public postsecondary institutions

Skinner, B. T. & Doyle, W. R. (2016). Democratization, diversion, and profit: The impact of for-profit institutions on degree attainment

Doyle, W. R. & Skinner, B. T. (2015). Predicting postsecondary attendance by income in the American states using multilevel regression with poststratification

## Software Packages

Skinner, B. T. (2017). *rscorecard: A Method to Download Department of Education College Scorecard Data*. [R package]. Retrieved from https://CRAN.R-project.org/package=rscorecard

Skinner, B. T. (2016). *GitRoom Manager: GitHub classroom manager*. [Python package]. Retrieved from https://pypi.python.org/pypi/grm

## Research and Scholarly Presentations

**Peer-reviewed conference presentations**

Skinner, B. T. (2017). Virtually the same: Estimating the effect of online courses on student outcomes at open access institutions in Georgia. Paper presented at the Association for Education Finance and Policy 42nd Annual Conference, Washington, D.C.

Skinner, B. T. (2016). How has college choice changed? An update for the 2000s using the conditional logit model. Paper presented at the annual meeting of the Association for the Study of Higher Education, Columbus, OH

Skinner, B. T. (2016). Virtually the same: Estimating the effect of online courses on student outcomes at open access institutions in Georgia. Paper presented in roundtable discussion at the annual meeting of the Association for the Study of Higher Education, Columbus, OH

Skinner, B. T. & Doyle, W. R. (2016). Democratization, diversion, and profit: The impact of for-profit institutions on degree attainment. Paper presented at the annual meeting of the Association for the Study of Higher Education, Columbus, OH

Doyle, W. R. & Skinner, B. T. (2016). Does postsecondary education result in civic benefits? Paper presented at the Association for Education Finance and Policy 41st Annual Conference, Denver, CO

Skinner, B. T. (2016). Modeling college enrollment via conditional logit: How has college choice changed? Paper presented at the Association for Education Finance and Policy 41st Annual Conference, Denver, CO

Skinner, B. T. (2015). Estimating the relationship between broadband speed and distance education at public two-year institutions. Paper presented at the annual meeting of the Association for the Study of Higher Education, Denver, CO

Doyle, W. R. & Skinner, B. T. (2015). Predicting postsecondary attendance by income in the American states using multilevel regression with poststratification. Paper presented at the Association for Education Finance and Policy 40th Annual Conference, Washington, D.C.

Doyle, W. R. & Skinner, B. T. (2015). Estimating the education-earnings equation using geographic variation. Paper presented at the Association for Education Finance and Policy 40th Annual Conference, Washington, D.C.

Skinner, B. T. (2014). An event history analysis of delayed college enrollment as a function of employment and wage. Paper presented at the Association for Education Finance and Policy 39th Annual Conference, San Antonio, TX

Skinner, B. T. (2013). Estimating the connection between broadband connectivity and participation rates in college eLearning. Poster presented at the annual meeting of the Association for the Study of Higher Education, St. Louis, MO

Skinner, B. T. (2013). Coming up short: The European Credit Transfer System as a measure of quality in the EHEA. Paper presented at the annual meeting of the Comparative and International Education Society, New Orleans, LA

**Invited presentations**

Doyle, W. R. & Skinner, B. T. (2015). Using data science to harness the big data revolution. Presidential session presentation at the annual meeting of the Association for the Study of Higher Education, Denver, CO

## TEACHING

**Instructor**

Vanderbilt University | Department of Leadership, Policy, & Organizations

| 2015 | LPO 9951: *Research Practicum (PhD)*<br>First-year PhD student introduction to statistical programming<br>*Website/Course materials:* btskinner.me/lpo9951 |

University of Southern Indiana | Department of English

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|---|---|
| 2010 - 2011 | ENGL 201: *Literacy and the World* (4 sections)<br>Sophomore-level course on rhetoric and composition |
| 2009 - 2010 | ENGL 101: *Literacy and the Self* (4 sections)<br>Freshman-level course on rhetoric and composition |

**Teaching Assistant**

Vanderbilt University | Department of Leadership, Policy, & Organizations

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| 2014 | HOD 2790: *Introduction to Data Science*<br>*Instructor:* Will Doyle |
| 2013 - 2014 | LPO 3921-3: *Research Practicum (PhD)*<br>*Instructor:* Will Doyle |

## OTHER PROFESSIONAL EXPERIENCE

**Department of Leadership, Policy, & Organizations**

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| 2015 - 2017 | Restricted Dataroom Administrator |
| 2012 - 2017 | Graduate Research Assistant |

**Peabody Research Institute/Development Services Group, Inc.**

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| 2014 - 2014 | WWC reviewer |

**The University of Southern Indiana**

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| 2009 - 2011 | Adjunct Instructor |

## CERTIFICATIONS

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| 2014 | What Works Clearinghouse Certified Reviewer |

## AWARDS, FELLOWSHIPS, AND HONORS

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| 2017 | Emerging Education Policy Scholar | |
| 2016 - 2017 | Bonsal Applied Education Research Award | $10,000 |
| 2016 - 2017 | Vanderbilt Institute for Digital Learning Graduate Fellow | $5,500 |
| 2012 - 2016 | Peabody Graduate Fellowship | |
| 2012 | ExpERT Pre-Doctoral Fellow | |
| 2005 | Vanderbilt Undergraduate Summer Research Program | $4,000 |

## PROGRAMMING LANGUAGES/LIBRARIES/SOFTWARE

**Statistical**  R/Rcpp, Stata, Bayesian tools (Stan, JAGS, WinBUGS/OpenBUGS)
**GIS**  ArcGIS, QGIS
**Text processing**  TeX, Knitr
**Miscellaneous**  Python, D3.js, Git, Bash, SQL

## PROFESSIONAL AND UNIVERSITY SERVICE

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| 2016 - 2017 | Co-coordinator | LPO Quantitative Methods Workshop |
| 2014 | Planning Committee | Crucial Conversations, Vanderbilt University |

## PROFESSIONAL ACTIVITIES

**Referee**

American Education Research Journal
AERA Open
Educational Evaluation and Policy Analysis
Educational Researcher
Journal of Diversity in Higher Education
Research in Higher Education

**Professional Memberships**

American Educational Research Association (AERA)
Association for Education Finance and Policy (AEFP)
Association for the Study of Higher Education (ASHE)