



Ryan R. Veiga
(Updated: January 2021)

Education Analytics
110 E. Main Street, Ste. 1000
Madison, WI 53706

Phone: (414) 491-9435
Email: ryan.veiga@gmail.com
Web: <https://sites.google.com/view/ryanveiga/home>
Citizenship: United States

Education

University of Wisconsin – Madison, PhD in Economics, *December 2020*
University of Wisconsin – Madison, Master of Science in Economics, *December 2013*
Tufts University, Bachelor of Science in Physics and Astrophysics, *May 2008*

Dissertation: “Essays in the Economics of Education”

Abstract Summary: My three dissertation essays study the determinants of student access to effective instruction. In my first essay, I use nonlinear mixed-modeling methods to study school-level heterogeneity in the relative rates of retention of high-performing and low-performing teachers. I look for evidence that such differences may lead to an unequal distribution of teacher quality across schools. In my second essay, I look at school differences in the performance of newly hired teachers, as well as persistent differences across schools in the tendency to hire teachers with experience. In my final essay, I examine students who switch between charter schools and traditional public schools, and identify the relative impact of charter schools using a value-added model with student fixed effects. In all essays, I examine both the effects on the general student population as well as the differential impacts on students identifying with a racial minority or who come from economically disadvantaged backgrounds.

References:

Robert H. Meyer
C.E.O. Education Analytics
Research Professor Emeritus, UW – Madison
(608) 469-7192
rhmeyer@edanalytics.org

Christopher Taber
Professor, UW – Madison
(608) 263-7791
ctaber@ssc.wisc.edu

Anthony Milanowski
Research Scientist, Education Analytics
(717) 569-5706
amilanowski@edanalytics.org

Research Interests

Public Economics, Applied Microeconomics, Economics of Education, Policy Evaluation

Research Papers

- “Does Selective Teacher Retention Contribute to an Unequal Distribution of Teacher Quality?” (with Robert Meyer), Job Market Paper, Under Revision
- “Patterns of Effective Teacher Retention when Principals are Transitioning” (with Robert Meyer and Anthony Milanowski), Working Paper



Publications

Habibi, A., Damasio, A., Ilari, B., Veiga, R., Joshi, A. A., Leahy, R. M., ... & Damasio, H. (2018). *Childhood music training induces change in micro and macroscopic brain structure: results from a longitudinal study*. *Cerebral Cortex*, 28(12), 4336-4347.

Teaching Experience

Economics 102: Principles of Macroeconomics (*Fall 2010, Head TA Spring 2013*)

- Distinguished Teaching Assistant, Spring 2013 – *Department Honor for Highest Tier of Student Reviews*

Economics 101: Principles of Microeconomics (*Spring 2011 through Fall 2012*)

Research Experience and Other Employment

Education Analytics

- Graduate Research Assistant, *January 2018 to August 2020*
 - *Developed Statistical Models for Studying Heterogeneous Human Capital Processes in a Large US School District, Implemented Models and Simulations in the R Programming Language, Presented for Education Analytics at Conferences*
- Postdoctoral Researcher, *September 2020 to present*
 - *Revising and Developing Graduate Research with Intent to Publish, Developing and Programming Statistical Models for Program Evaluation of a Wisconsin Student Gap Closing Initiative*

Value Added Research Center (VARC; UW – Madison)

- Data Analyst, *February through December 2017*
 - *Calculated School Value-Added for Wisconsin School Report Cards, Performed Statistical Analysis and Quality Control, Updated Existing Models in the SAS Programming Language, Attended and Prepared Material for Meetings with Senior Wisconsin Assessment Officials*
- Graduate Assistant, *Fall 2013 – Spring 2014*

Brain and Creativity Institute, University of Southern California

- Research Assistant, *May 2014 through February 2017*
 - *Processed MRI and EEG Data, Prepared and Performed Neuroscientific Experiments, Contributed to Published Paper, and Performed Statistical Analysis in MATLAB*

Conferences and Seminars

Veiga, R., Meyer, R., and Milanowski, A. (February 2020) *Patterns of Effective Teacher Retention when Principals are Transitioning*. Working paper presented at the 2020 Annual Conference of the Association for Education Finance and Policy (AEFP)

Meyer, R., Veiga, R., Milanowski, A., and Doherty, J. (February 2019). *Actionable Human Capital Analytics for Studying School-Level Teacher Retention*. Poster session presented at the 2019 Annual Conference of the Association for Education Finance and Policy (AEFP)

Technical Skills

- R, MATLAB, SAS, LaTeX

Languages

- English (Native), French (Fluent)