

R. Joseph Waddington

Curriculum Vitae

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ACADEMIC POSITIONS & EMPLOYMENT

University of Kentucky, Lexington, KY

Department of Educational Policy Studies and Evaluation, College of Education

Assistant Professor, 2015-present

Martin School of Public Policy and Administration

Assistant Professor (by courtesy), 2017-present

Graduate Faculty, The Graduate School

Full Member, 2020-present

Associate Member, 2017-2020

University of Notre Dame, Notre Dame, IN

Institute for Educational Initiatives (IEI) & Alliance for Catholic Education (ACE)

Research Associate, 2014-15

Postdoctoral Research Associate & IEI Affiliate, 2012-14

EDUCATION

University of Michigan School of Education, Ann Arbor, MI

Ph.D., Educational Studies (Quantitative Research Methods in Education Program), 2012

Dissertation: "Urban Catholic Schools in Expanding Charter School Markets: Enrollment Shifts and School Closures."

Chair: Brian P. McCall, Ph.D.

Committee: Stephen L. DesJardins, Ph.D., Susan M. Dynarski, Ph.D., Valerie E. Lee, Ph.D.

University of Michigan Rackham Graduate School, Ann Arbor, MI

M.A., Statistics, 2012

University of Notre Dame, Notre Dame, IN

B.S., Chemistry, 2007

TOPICAL & METHODOLOGICAL INTERESTS

K-12 School Choice

K-12 Education Policy

Causal and Quasi-Experimental Methods

Mixed Methods

PUBLICATIONS ([Google Scholar Profile](#))

Refereed Journal Articles

- *‡Fitzpatrick, B., Berends, M., Ferrare, J. J., & Waddington, R. J. (2020). Virtual illusion: Comparing student achievement and teacher characteristics in online and brick-and-mortar charter schools. *Educational Researcher*, 49(3), 161-175. ([link](#))
- *Austin, M., Waddington, R. J. & Berends, M. (2019). Voucher pathways and student achievement in Indiana's Choice Scholarship Program. *RSF: The Russell Sage Foundation Journal of the Social Sciences*, 5(3), 20-40. ([link](#))
- *Waddington, R. J. & Berends, M. (2018). Impact of the Indiana Choice Scholarship Program: Achievement effects for students in upper elementary and middle school. *Journal of Policy Analysis and Management*, 37(4), 783-808. ([link](#))
- *Berends, M. & Waddington, R. J. (2018). School choice in Indianapolis: Effects of charter, magnet, private, and traditional public schools. *Education Finance and Policy*, 13(2), 227-255. ([link](#))
- Waddington, R. J., ‡Nam, S., Lonn, S., & Teasley, S. D. (2016). Improving early warning systems with categorized course resource usage. *Journal of Learning Analytics*, 3(3), 263-290. ([link](#))

Books

- Berends, M., Waddington, R. J., & Schoenig, J. A. (Eds.) (2019). *School choice at the crossroads: Research perspectives*. New York, NY: Routledge. ([link](#))

Book Chapters

- Waddington, R. J. (2020). Social context of vouchers. In M. Berends, A. Primus, & M. G. Springer (Eds.), *Handbook of research on school choice* (2nd ed.) (pp. 202-213). New York, NY: Routledge. ([link to book](#))
- *Berends, M. & Waddington, R. J. (2019). Scaling up and sustaining charter school effects. In M. Berends, R. J. Waddington, & J. A. Schoenig (Eds.), *School choice at the crossroads: Research perspectives* (pp. 148-170). New York, NY: Routledge. ([link to book](#))
- Krumm, A. E., Waddington, R. J., Teasley, S. D., & Lonn, S. (2014). Using data from a learning management system to support academic advising in undergraduate engineering education. In J. Larusson & B. White (Eds.), *Learning analytics from research to practice: Methods, tools, and approaches* (pp. 103-122). New York, NY: Springer. ([link to book](#))

Other Publications

- *‡Fitzpatrick, B., Berends, M., Ferrare, J. J., & Waddington, R. J. (2020). Virtual charter schools and online learning during COVID-19: An imperfect comparison. Washington, D.C.: The Brookings Institution. ([link](#))
- Jensen, J., Waddington, R. J., & Berry, S. (2018). *FLEXspace Year Four Evaluation Report*. Report prepared for the Department of Education Fund for the Improvement of Post-Secondary Education First in the World Program.

*Each author contributed equally; author order was determined randomly.

‡Indicates current or former graduate student advisee or collaborator at time of publication.

MacLennan, A., Johannessen, J., Waggoner, J., Waddington, J., & Lubeck, A. (2018). *Long-term bluff recession rates in Puget Sound: Implications for the prioritization and design of restoration projects*. Bellingham, WA: Coastal Geologic Services, Inc. ([link](#))

Berends, M., Waddington, R. J., & Austin, M. J. (2018). Lessons learned from Indiana (from forum: Taking stock of private-school choice). *Education Next*, 18(2), 50-51, 60-63. ([link](#))

Jensen, J., ‡Horohov, J., Wright, C., Waddington, R. J. (2016). *Online2Workforce Final Evaluation Report*. Report prepared for the United States Department of Labor Trade Adjustment Act Community College Career Training Program.

MANUSCRIPTS IN SUBMISSION

*Waddington, R. J., Zimmer, R., & Berends, M. “Cream skimming and push out of voucher students in Indiana.” Under review.

‡Robershaw, K., Bradley, K. D., & Waddington, R. J. “Parents’ awareness and perspectives of school choice scale: Psychometric evidence using Rasch modeling.” Under review.

*Ferrare, J. J., Waddington, R. J., ‡Fitzpatrick, B., & Berends, M. “The influence of charter school authorizers and operators on student outcomes.” Under review.

*Waddington, R. J., Berends, M., Ferrare, J. J., Zimmer, R. & ‡Jin, R. “Estimating the impact of Indiana’s private school voucher program on high school outcomes and college enrollment.” Under review.

MANUSCRIPTS IN PREPARATION

(Only projects with working papers are listed. Ordered by readiness for submission to peer-reviewed journals.)

Shepley, C. & Waddington, R. J. “Examining the impact of NCLB alternate assessment policies on the post-school outcomes of individuals with significant cognitive disabilities.”

*Waddington, R. J. & Berends, M. “Vouchers in the crossroads: Heterogeneous impacts on student achievement and attendance across private schools in Indiana.”

*Berends, M., Waddington, R. J., ‡Roberts, A. C., & ‡Fitzpatrick, B. “Unpacking the relationship between school effectiveness indicators and school value-added achievement across sectors.”

Waddington, R. J. “Urban Catholic schools in expanding charter school markets: Enrollment shifts and school closures.”

*Berends, M. & Waddington, R. J. “School or “school type” effects? Examining the heterogeneity in student achievement and engagement outcomes between schools of choice in Indianapolis.”

*Each author contributed equally; author order was determined randomly.

‡ Indicates current or former graduate student advisee or collaborator at time of publication/submission.

GRANTS AND FELLOWSHIPS

Co-Principal Investigator, School Improvement in Indiana: Exploring Differences among Charter, Magnet, Private, and Traditional Public High Schools, Institute for Education Sciences, U.S. Department of Education. PI: Mark Berends, University of Notre Dame. \$540,648, 2019-21. Award Number R305A190340. ([link](#))

Co-Principal Investigator, School Choice in Indiana: An Examination of Impacts and the Conditions under which Choice is Effective, Lyle Spencer Research Award, Spencer Foundation. PI: Mark Berends, University of Notre Dame. \$999,024, 2015-19. Award Number 201600089. ([link](#))

CONFERENCE PRESENTATIONS

2020 International School Choice and Reform Conference (January, Fort Lauderdale, FL); Association for Education Finance and Policy (March, online due to COVID-19); American Educational Research Association (paper accepted/conference canceled due to COVID-19); American Sociological Association (August, online due to COVID-19), Association for Public Policy Analysis and Management (paper accepted for November, online due to COVID-19)

2019 Association for Education Finance and Policy (March, Kansas City, MO)

2018 Russell Sage Foundation “Using Administrative Data for Science and Policy Conference” (January, New York, NY); Association for Education Finance and Policy (March, Portland, OR); Association for Public Policy Analysis and Management (November, Washington, DC)

2017 Society for Research on Educational Effectiveness (March, Washington, DC); Association for Education Finance and Policy (March, Washington, DC); Association for Public Policy Analysis and Management (November, Chicago, IL)

2016 Association for Education Finance and Policy (March, Denver, CO); American Educational Research Association (April, Washington, DC)

2015 Association for Education Finance and Policy (March, Washington, DC); National Catholic Education Association (April, Orlando, FL); American Educational Research Association (April, Chicago, IL); Association for Public Policy Analysis and Management (November, Miami, FL)

2014 International Conference on Learning Analytics and Knowledge (February, Indianapolis, IN); Association for Education Finance and Policy (March, San Antonio, TX); American Educational Research Association (April, Philadelphia, PA)

2013 American Educational Research Association (April, San Francisco, CA)

2012 International Conference on Learning Analytics and Knowledge (April, Vancouver, BC); American Educational Research Association (April, Vancouver, BC)

2011 American Educational Research Association (April, New Orleans, LA); International Conference on Computer Supported Collaborative Learning (July, Hong Kong)

INVITED RESEARCH PRESENTATIONS AND PANEL PARTICIPATION

- 2019 Alliance for Catholic Education Reform Leaders' Summit (January, Tampa, FL)
- 2018 UCLA Civil Rights Project Capitol Hill Research & Policy Briefing (co-author with Mark Berends & Megan J. Austin; March, Washington, DC); University of Kentucky Martin School of Public Policy (September, Lexington, KY); Indiana School Boards Association (co-presenter with Mark Berends; December, Indianapolis, IN)
- 2017 Kentucky Chamber of Commerce (January, Frankfort, KY); University of Kentucky Gatton College of Business and Economics (March, Lexington, KY); University of Chicago Committee on Education (co-presenter with Mark Berends; April, Chicago, IL); University of Kentucky College of Education (May, Lexington, KY); United States Department of Education (July, Washington, DC)
- 2016 University of Kentucky Department of Educational Policy Studies and Evaluation (February, Lexington, KY); University of Kentucky College of Education (March, Lexington, KY); University of Kentucky Martin School of Public Policy (September, Lexington, KY); Indiana Non-Public Education Association (November, Indianapolis, IN); Kentucky Board of Education (November, Frankfort, KY)
- 2015 University of Wisconsin-Madison Interdisciplinary Training Program in Education Sciences (co-presenter with Mark Berends; March, Madison, WI)
- 2014 Indiana Non-Public Education Association (co-presenter with Mark Berends; November, Indianapolis, IN); University of Notre Dame "Crossroads of America School Choice Invitational Conference" (July, Notre Dame, IN)
- 2013 University of Notre Dame Institute for Educational Initiatives (March, Notre Dame, IN); University of Notre Dame Center for Research on Educational Opportunity (April, Notre Dame, IN); Indiana Non-Public Education Association (co-presenter with Mark Berends; November, Indianapolis, IN)

MEDIA & OTHER CITATIONS

"Virtual illusion: Comparing student achievement and teacher characteristics in online and brick-and-mortar charter schools" (with Brian Fitzpatrick, Mark Berends, & Joseph Ferrare). [Centers for Disease Control and Prevention](#), [Chalkbeat](#), [USA Today](#), [WSBT CBS 22 South Bend](#), [WTVQ ABC 36 South Bend](#), [School Matters Indiana](#), [Diane Ravitch's blog](#).

"A closer look at the future of charter schools in Kentucky." [WKYT Lexington](#).

"Impact of the Indiana Scholarship Program: Achievement effects for students in upper elementary and middle school" (with Mark Berends). Published version: [Chalkbeat](#), [CT Mirror](#), [Forbes](#), [Indiana Public Media](#), [Politico](#), [Public News Service](#), [School Matters Indiana](#), [South Bend Tribune](#), [WFYI Indianapolis](#). Working paper release: [National Public Radio](#), [New York Times](#), [Washington Post](#), [Wall Street Journal](#), [Los Angeles Times](#), [Chicago Tribune](#), [Education Week](#), [U.S. News & World Report](#), [Time](#), [National Review](#), [The 74](#), [Chalkbeat](#), [Indianapolis Business Journal](#), [Indianapolis Star](#), [School Matters Indiana](#), [Fort Wayne Gazette](#), [Fort Wayne News Sentinel](#), [Common Dreams](#), [WBOI & Indiana Public Media](#), WVPE NPR South Bend, [WBAA](#)

[NPR Purdue University](#), [WSBT CBS 22 South Bend](#), [Lexington Herald-Leader](#), [Chad Hartman CBS Radio Minnesota](#), [Diane Ravitch's blog](#), [California Political Review](#).

“School choice in Indianapolis: Effects of charter, magnet, private, and traditional public schools” (with Mark Berends). [National Public Radio](#), [School Matters Indiana](#).

RESEARCH & EVALUATION EXPERIENCE

Coastal Geologic Services, Inc., Bellingham, WA

External Evaluation Consultant, 2016-2019

University of Kentucky College of Education Evaluation Center, Lexington, KY

Evaluation Consultant, 2015-18

University of Notre Dame Institute for Educational Initiatives (IEI), Notre Dame, IN

Research Associate, ACE Program Evaluation and Research, 2014-15

Postdoctoral Research Associate, Institute for Educational Initiatives, 2012-14

University of Michigan Learning, Education, and Design (LED) Lab, Ann Arbor, MI

Research Collaborator, 2012-15

Graduate Student Research Assistant, 2010-12

University of Michigan School of Education, Ann Arbor, MI

Graduate Student Research Assistant, 2007-11

State University of New York at Buffalo Department of Chemistry, Buffalo, NY

Summer Undergraduate Research Assistant, 2005

TEACHING (*instructor of record unless otherwise noted*)

University of Kentucky College of Education, Lexington, KY

“Advanced Quantitative Methods” Special Topics Series (EPE/EDP 711)

“Causal and Quasi-Experimental Methods of Education Research,” SP17, SP20, SP21

“Categorical Data Analysis,” SP18

“Gathering, Analyzing, and Using Educational Data II” (EPE/EDP 558), SP16, SP21

“Research Design and Analysis in Education” (EPE/EDP 660), FA15, SP16, SU16, FA16, SP17, SU17, FA17, SP18, SU18, SP19, SU19, FA19, SU20, FA20

“Seminar in Educational Policy Studies and Evaluation” Special Topics Series (EPE 525/773)

“Education Policy Studies Seminar” Masters w/ Initial Certification Program,” FA19, FA20

“School Choice: Theoretical Perspectives and Educational Outcomes,” SP19

“Gathering, Analyzing, and Using Educational Data I” (EPE/EDP 557), FA18

“Advanced Topics and Methods of Evaluation” (EPE/EDP/ANT 621), FA16

Graz University of Technology Institute of Business Economics and Industrial Sociology, Graz, AT

“Designing Empirical Research and Telling its Story” Workshop, 2017

ICPSR Summer Program in Quantitative Methods, Ann Arbor, MI

“Introduction to R” Workshop, 2016

“Introduction to OLS Regression” Workshop (Bethesda, MD), 2015

“Introduction to Statistics and Data Analysis II” Four-Week Course, 2014

Teaching Assistant, “Introduction to Statistics and Data Analysis I” and “Introduction to Statistics and Data Analysis II” Four-Week Courses, 2010, 2011, 2012

Learning Analytics Summer Institute (LASI), Ann Arbor, MI

Co-Leader (with Andrew Krumm, SRI International), “Feature Engineering” Workshop, 2016

University of Notre Dame Education, Schooling, and Society Program, Notre Dame, IN

“School Choice: Historical, Theoretical, and Contemporary Perspectives” (ESS 30634), FA13

“Undergraduate Research Apprenticeship Lab” (ESS 47602), SP13, FA13

University of Michigan School of Education, Ann Arbor, MI

Graduate Student Instructor, “Introduction to Quantitative Research Methods in Education” (EDUC 793), FA09, FA10, FA11

Graduate Student Instructor, “Non-Experimental Research Methods in Education” (EDUC 795), WN10, WN11, WN12

University of Notre Dame College of Science, Notre Dame, IN

Teaching Assistant, “General Chemistry I and II Lab,” FA05, SP06

ADVISING

University of Kentucky

Completed Doctoral Dissertations, Co-Chair

Jie Dai, 2020 (first position Kentucky Council on Postsecondary Education)

Audrey Roberts, 2019 (first position Bowling Green State University)

Completed Doctoral Dissertations, Committee Member

Benjamin Montemayor, 2020 (first position Virginia Commonwealth University)

Cory Curl, 2020 (first position University of Kentucky)

Donna Brown, 2020 (first position Archdiocese of Louisville)

Collin Shepley, 2019 (first position University of Kentucky)

Justin Blevins, 2017 (first position University of Kentucky)

AWARDS, FELLOWSHIPS, AND HONORS

Teacher Who Made a Difference Award, University of Kentucky College of Education, 2018

Outstanding Dissertation Award, AERA Catholic Education SIG, 2013

Rackham Graduate School Outstanding Graduate Student Instructor Award (nominated), 2012

Rackham Graduate School and School of Education Travel Grant, 2011 & 2012

Rackham Graduate School/School of Education Scholar’s Award, University of Michigan, 2007-12

PROFESSIONAL AND SERVICE ACTIVITIES

Professional Affiliations

American Educational Research Association (AERA), Division L (Educational Policy and Politics) & Catholic Education SIG; Association for Education Finance and Policy (AEFP); Association for Public Policy Analysis and Management (APPAM)

Referee

American Educational Research Journal; Economics of Education Review; Education Economics; Educational Evaluation and Policy Analysis; Educational Policy; International Review of Economics Education; Journal of Catholic Education; Journal of Policy Analysis and Management; Journal of School Violence; Review of Educational Research; Social Currents; Social Science Quarterly

Conference Service

Session Chair, AERA Annual Meeting, 2018; AEFPP Annual Meeting, 2018
Reviewer, AERA Annual Meeting, 2015, 2017

University Service

University of Kentucky

College of Education

Research Advisory Committee: Member, 2019-present

Committee on Media and Information Systems: Member, 2016-2019; Chair, 2017-2019

Department Chair Survey Task Force, 2016

Department of Educational Policy Studies and Evaluation

Principal Budget Manager: 2019-present

Research Methods in Education Faculty Search Committee: Member, 2017; Chair, 2019

Educational Policy Studies Masters' Degree Redesign, 2018

Research Methods in Education Planning & Recruitment, 2017-18

Admissions Committee, 2016-17

Statements of Evidence Review, 2016

University

Center for Community Outreach, FUSION Site Advisor, 2015-19

University of Michigan

School of Education Graduate Student Community Organization (GSCO), Social Coordinator, First-Year Ambassador, & Treasurer, 2009-12

School of Education Office of Student Affairs Advisory Board Member, 2011-12

Center for Research on Learning and Teaching, Practice Teaching Facilitator, 2011-12

Public Service

Notre Dame Alumni Club of Central Kentucky, Co-President, 2018-present

Diocese of Lexington, Sexual Abuse Study & Action Groups, Communications Facilitator, 2018-20