

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

Associate Professor, 2021-present

Assistant Professor, 2015-2021

Martin School of Public Policy and Administration

Associate Professor (by courtesy), 2021-present

Assistant Professor (by courtesy), 2017-2021

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 Specialization), 2012

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

Committee: Brian P. McCall, Ph.D. (chair); 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](#))

(*Author order determined randomly; each author contributed equally.)

Refereed Journal Articles

Robersshaw, K., Bradley, K. D., & Waddington, R. J. (2022). Parents' awareness and perspectives of school choice scale: Psychometric evidence using Rasch modeling. *Journal of School Choice*, 16(2), 275-305. ([link](#))

*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. (forthcoming). Trending topic: Teaching difference-in-differences in a quasi-experimental methods course. In A. L. Terosky, V. Baker, and J. Sun (Eds.), *A practical guide to teaching research methods in education: Lesson plans and advice from faculty*. New York, NY: Routledge.

*Berends, M., Waddington, R. J., & Austin, M. (forthcoming). School vouchers in Indiana: Policy shifts and their implications for economically disadvantaged families and students of color. In G. Orfield, L. A. Huerta, & K. G. Welner (Eds.), *The voucher shift: How voucher policies are leaving behind the purported goal of serving low-income families and students of color*. New York, NY: Teachers College Press.

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

- Potterton, A., Waddington, R. J., & LaCour, S. E. (2021, February 26). Tax credit proposal is really a plan for private school vouchers in Kentucky [Editorial]. *Louisville Courier-Journal*. ([link](#))
- *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.
- 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

- *Ferrare, J. J., Waddington, R. J., Fitzpatrick, B., & Berends, M. The influence of charter school authorizers and operators on student outcomes. Revise and Resubmit at *American Educational Research Journal*.
- *Waddington, R. J., Zimmer, R., & Berends, M. Cream skimming and push out of voucher students in Indiana. Revise and Resubmit at *Educational Evaluation and Policy Analysis*.
- Roberts, A. C., Sampson, S. O., & Waddington, R. J. Measurement issues in school climate research: A case study. Under Review at *AERA Open*.
- Shepley, C. & Waddington, R. J. Examining the impact of NCLB alternate assessment policies on the post-school outcomes of individuals with significant cognitive disabilities. Under Review at *Remedial and Special Education*.
- *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 at *Educational Evaluation and Policy Analysis*.

MANUSCRIPTS IN PREPARATION

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

- Waddington, R. J., Kwok, A., Huston, D., Mitchell, D., Hemsley, R., & Almeida, T. Induction coach matching and novice teacher retention.
- Kwok, A. & Waddington, R. J. How novice teachers account for student diversity.
- *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. & Berends, M. Vouchers in the crossroads: Heterogeneous impacts on student achievement and attendance across private schools in Indiana.

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.

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](#))

AWARDS AND HONORS

Teacher Who Made a Difference Award, University of Kentucky College of Education, 2018
Outstanding Dissertation Award, AERA Catholic Education SIG, 2013

CONFERENCE PRESENTATIONS (last seven years)

2022 Association for Education Finance and Policy (March, Denver, CO); Association for Public Policy Analysis and Management (November, Washington, DC)

2021 Association for Education Finance and Policy (March, online due to COVID-19)

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 (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)

INVITED PRESENTATIONS AND PANEL PARTICIPATION (last seven years)

- 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)

MEDIA & OTHER PUBLIC 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](#), [Charleston Gazette-Mail](#), [New York Times](#), [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](#).

OTHER RESEARCH & EVALUATION EXPERIENCE

University of Kentucky College of Education Evaluation Center, Lexington, KY
Evaluation Consultant, 2015-18, 2022-present

Coastal Geologic Services, Inc., Bellingham, WA
External Evaluation Consultant, 2016-2019

University of Michigan Learning, Education, and Design (LED) Lab, Ann Arbor, MI
Research Collaborator, 2012-15

TEACHING (last seven years, instructor of record unless otherwise noted)

University of Kentucky College of Education, Lexington, KY

“Research Design and Analysis in Education” (EPE/EDP 660), 18x, most recent FA22
“Gathering, Analyzing, and Using Educational Data I” (EPE/EDP 557), 2x, most recent FA22
“Gathering, Analyzing, and Using Educational Data II” (EPE/EDP 558), 4x, most recent SP23
“Advanced Quantitative Methods” Special Topics Series (EPE/EDP 711)
 “Causal and Quasi-Experimental Methods of Education Research,” 4x, most recent SP23
 “Categorical Data Analysis,” SP18
“Seminar in Educational Policy Studies and Evaluation” Special Topics Series (EPE 525/773)
 “Education Policy Studies Seminar” MIC Program, 3x, most recent FA21
 “School Choice: Theoretical Perspectives and Educational Outcomes,” SP19
“Advanced Writing Seminar in Educational Research: Manuscript Writing” (EPE 671), WN20
“Advanced Topics and Methods of Evaluation” (EPE/EDP/ANT 621), FA16

Graz University of Technology Inst. of Business Economics & 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

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)
“Undergraduate Research Apprenticeship Lab” (ESS 47602), 2x

ADVISING (first positions or further graduate study listed in parentheses)

University of Kentucky

Completed Doctoral Dissertations, Chair/Co-Chair

Rebecca Tucker, Educational Evaluation & Policy, 2022 (co) (researcher, Berea Coll. Partners for Ed.)
Rui Jin, Educational Evaluation & Policy, 2021 (co) (researcher, Shenzhen University)
Jie Dai, Educational Evaluation & Policy, 2020 (co) (researcher, KY Council on Postsecondary Educ.)
Audrey Roberts, Educational Evaluation & Policy, 2019 (co) (faculty, Bowling Green State University)

Completed Doctoral Dissertations, Committee Member

Chen Qiu, Quantitative & Psychometric Methods, 2022
Paris Wheeler, Counseling Psychology, 2022 (clinical internship)
Evisa Bogdani, Accounting, 2022 (faculty, Northeastern University)
Catherine Vannatter, Educational Leadership, 2022 (administration, Fayette County Public Schools)
Valbona Sulcaj, Accounting, 2021 (faculty, University of Texas El-Paso)
Katherine Robershaw, Educational Evaluation & Policy, 2021 (faculty, Eastern Kentucky University)
Ben Montemayor, Kinesiology/Health Promotion, 2020 (post-doc, Virginia Commonwealth University)
Cory Curl, Public Policy, 2020 (faculty, University of Kentucky)
Donna Brown, Educational Leadership, 2020 (administration, Archdiocese of Louisville)
Collin Shepley, Early Childhood Education, 2019 (faculty, University of Kentucky)
Justin Blevins, Higher Education, 2017 (staff, University of Kentucky)

Completed Masters Program, Advisor/Scholarly Paper Chair

Hannah Edelen, Educational Policy Studies, 2022 (staff, Kentucky Department of Agriculture)
Andrew Hally, Educational Policy Studies, 2022

Christina Lopez-Valencia, Research Methods in Education, 2021 (staff, University of Kentucky)
Sativa Thompson, Research Methods in Education, 2020 (graduate student, Columbia University)

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)

Editorial Service

Journal of Catholic Education, Associate Editor, starting Fall 2022

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*

Grant Review Panel Service

Spencer Foundation, Large Grants, 2021-22

Conference Service

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

University Service

University of Kentucky

College of Education

Faculty Council: At-large Member, 2021-present; Vice Chair, 2022-present
New Faculty and Postdoc Orientation: Co-Coordinator, 2021-present
Research Advisory Committee: Member, 2019-2022
College Financial Analyst Search Committee: Member, 2021
Committee on Media and Information Systems: Member, 2016-17; Chair, 2017-19
Department Chair Survey Task Force, 2016

Department of Educational Policy Studies and Evaluation

Principal Budget Manager: 2019-present
Higher Education Faculty Search Committee: Co-Chair, 2022
Research Methods in Education & Educational Policy Studies Masters' Degree Redesign, 2018, 2021
Department Staff Support Search Committee: Member, 2021
Admissions Committee, 2016-17, 2020-21
Research Methods in Education Faculty Search Committee: Member, 2017; Chair, 2019
Research Methods in Education Planning & Recruitment, 2017-18
Department Statements of Evidence Review, 2016

University

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

Public Service

Holy Spirit Parish/Newman Center, Social Justice Coordinator (w/ Jennifer Waddington), 2021-present
Notre Dame Alumni Club of Central Kentucky, Co-President, 2018-present
University of Kentucky Healthcare Community COVID-19 Vaccine Clinic, Volunteer (7x), 2021
Diocese of Lexington, Sexual Abuse Study & Action Groups, Communications Facilitator, 2018-19