

Kelli M. Paul

School of Education
W.W. Wright Building, Room 3256
Indiana University
210 North Rose Avenue
Bloomington, IN 47404

kelpaul@iu.edu
Ph: (812) 855-4098
Cell: (812) 340-4701

EDUCATION

Ph.D. -- Indiana University, Bloomington, Indiana, May 2006.
Major: Educational Psychology (specializing in Inquiry Methodology).
Minor: Organizational Theory and Strategic Management

M.S. -- Indiana University, Bloomington, Indiana, August 2001.
Major: Educational Psychology (specializing in Inquiry Methodology)

B.A. -- Truman State University, Kirksville, Missouri, December 1998.
Major: Psychology

RESEARCH EXPERIENCE

Indiana University
Postdoctoral Research in Science Education

Bloomington, IN
December 2017 to present

KP Research & Evaluation Consulting
Owner, Evaluation/Statistician

Bloomington, IN
2007 to 2017

The following is a partial list of clients and work completed:

- Rockman et al., Bloomington, IN. Conducted quantitative statistical analyses as part of a variety of evaluations, including: the *PBS KIDS iPod App Study*; the American Museum of Natural History's *Dark Universe*; *Radiolab* programming; online learning products (e.g., ABC Mouse) developed by Age of Learning; and Teacher Quality Partnerships projects.
- WisdomTools, Bloomington, IN. Aided in conceptualization and writing of research and evaluation plans for federal grants and proposals, including NSF, NIH, and Department of Education. Aided in instrument development and data collection (e.g., interviews, surveys, etc.). Conducted both qualitative and quantitative analyses, including Analyses of Variance and regression to evaluate the impact of serious game curricula on student learning, achievement, and interest, efficacy, awareness and retention in STEM content and careers. Assisted in writing technical reports. Evaluation projects included: NSF-funded *AstroEngineer* and *AeroEngineer*, NIH-funded *mPower*, *ICT- SPACE*, and the *NASA Massive Multiplayer Online Game (MMOG)*.

- Indiana University Center on Congress, Bloomington, IN. Evaluated a civics education video game and curriculum, *Oceana: A Virtual Democracy*. Oversaw instrument development and data collection. Conducted statistical analyses to evaluate the use of the game to improve student learning in civics. Prepared written reports of findings.
- Evaluation Center, University of West Georgia, Carrollton, GA. Aided in conceptualization and writing of research and evaluation plans for various state and federal grants and proposals. Conducted statistical analyses and wrote reports of findings for a variety of projects, including: *12-for-Life* Program, *GEMS: Generating Enthusiasm in Math and Science*, Governor's Office of Student Achievement Transfer Study, etc.
- Cisco Network Academy Evaluation, Graduate and Executive Education Center, Indiana University, Bloomington, IN. Edited technical reports and assisted in re-analyzing data based on data collected as part of the evaluation of the Cisco Certified Network Academy (CCNA) program. Assisted in the preparation of proposals and academic manuscripts.
- EDT/Evaluation & Assessment Center, Miami University of Ohio, Oxford, OH. Aided in conceptualization and writing of research and evaluation plans for grants and proposals. Analyzed data using descriptive and inferential statistics (e.g., chi-square, ANOVA, regression) and assisted in writing technical and annual reports for various evaluation projects, including *CASPiE* and *MSPinNYC*.
- Cleveland Scholarship and Tutoring Program Evaluation, Indiana University, Bloomington, IN. Managed and maintained a large longitudinal database. Created a system for coding and tracking students across multiple years (Kindergarten through 5th grade). Interacted with clients and various levels of stakeholders to acquire and maintain data. Coordinated and scheduled on-site data collection during a one-week period each year. Analyzed data using multivariate analysis techniques (e.g., RM ANOVA). Trained and coordinated testing proctors. Assisted with design of survey instruments. Wrote research articles, book chapters, and technical reports.

Indiana Center for Evaluation, Indiana University

(now the Center for Evaluation and Education Policy)

Bloomington, IN

Visiting Research Associate - Project Director for the Ohio Literacy Evaluation

2002

- Worked directly with clients to design the most appropriate evaluation process, tools, and schedule to meet the clients' needs. Managed and directed projects through their completion, including helping clients to understand and use the evaluation results. Interacted with client and various levels of stakeholders to acquire and maintain data. Coordinated and trained site visitors. Assisted with design of survey instruments and data collection. Analyzed both qualitative and quantitative data. Wrote reports summarizing evaluation findings for clients and stakeholders.

DISSERTATION CONSULTING

Independent Consultant

Bloomington, IN
September 2006 – present

Research Consultation Pros, Dissertation Consultant

Bloomington, IN
2013 - 2016

(<http://www.researchconsultationpros.com>; company closed April, 2016)

For the past ten years, I have provided dissertation consulting services both as an independent consultant and as a consultant for RCPros. I have worked with over 120 Master's and Ph.D. level students with a wide range content areas and at all stages of the research process. My work with graduate students has included:

- Working with students at all stages of both quantitative and qualitative dissertations/theses across multiple disciplines, including education, business, psychology, counseling, and criminal justice.
- Providing one-on-one consultation to clients to help them improve their thinking and writing to meet individual dissertation requirements.
- Coaching students to better understand the research process in general as well as their specific study.
- Assisting students in selecting the most appropriate statistical analyses to address their research questions.
- Editing and providing feedback on multiple drafts of work prior to submission.
- Helping students to identify and meet timelines for completing relevant forms, for collecting data and conducting analyses, and for writing individual chapters in order to stay on track to meet submission and graduation deadlines.

SELECTED PUBLICATIONS

Metcalf, K. K., Boone, W. J., Legan, N. A., and Paul, K. M. (2004). The continued evaluation of voucher impact on the achievement of elementary students in a majority African-American public school district. *Journal of Women and Minorities in Science and Engineering, 10*, 203-216.

Metcalf, K.K., and Paul, K.M. (2006). Enhancing or destroying equity? An examination of educational vouchers. In E.P. St. John (Vol. Ed.), *Readings on Equal Education, 21* (pp. 37-77). New York, NY: AMS Press.

Paul, K.M., Legan, N.A., and Metcalf, K.K. (2007). Differential entry into a voucher program: A longitudinal examination of families who apply to and enroll in the Cleveland Scholarship and Tutoring Program. *Education and Urban Society, 39*, 223-243.

Paul, K. M., and Plucker, J. A. (2004). Two steps forward, one step back: Effect size reporting in gifted education research from 1995-2000. *Roeper Review, 26*, 68-72.

PROFESSIONAL MEMBERSHIPS

American Educational Research Association (AERA)	2000 - Present
American Evaluation Association (AEA)	2006 - Present
Mid-Western Educational Research Association (MWERA)	2003 – 2011

PROFESSIONAL SERVICE

- **Session Chair** (2006) - Mid-Western Educational Research Association Annual Meeting
 - **Manuscript Reviewer** (2005 – 2006) - *Mid-Western Educational Researcher Journal*
 - **Proposal Reviewer** (2005 – 2011) - Mid-Western Educational Research Association, Division D: Measurement and Research Methodology
 - **Proposal Reviewer** (2005 – 2011) - American Educational Research Association, *Division D: Educational Measurement, Psychometrics, and Assessment; Division H: Research, Evaluation and Assessment in Schools; School Choice Special Interest Group*
 - **Proposal Reviewer** (2011) - American Evaluation Association, *Quantitative Methods: Theory and Design Topical Interest Group*
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SKILLS

- SPSS, HLM, Microsoft Office, Microsoft Excel, Microsoft PowerPoint
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VOLUNTEER SERVICE

- **Treasurer, Sigma Alpha Iota Alumnae Chapter – Bloomington, Indiana** (2013 – present)
 - **President, Parent-Teacher Organization (PTO)**
 - Edgewood Primary School (2014-2016)
 - Edgewood Intermediate School (2017-present)
 - **Partners in Education (PIE) Team member**
 - Edgewood Early Childhood Center and Edgewood Primary School (2011-2014)
 - Edgewood Intermediate School (2017-present)
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