Eric Andrew Wright

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GOAL

Obtain a position teaching quantitative research methods, not doing research of my own.

EDUCATION

University of Florida, Gainesville, FL (2021–present)
Ph.D. Research and Evaluation Methodology
- Expected graduation: Summer 2024
- Planned dissertation topic: A critical theory analysis of quantitative research articles in education: Do the data suggest that data can suggest?

University of Florida, Gainesville, FL (2017–2021)
M.A.E. Research and Evaluation Methodology
- Thesis: Tabu search for variable selection in multiple regression with higher order terms

Carnegie Mellon University, Pittsburgh, PA (2003–2007)
B.A. Professional Writing, with Honors

TEACHING EXPERIENCE

Graduate Teaching Assistant at University of Florida, Gainesville, FL

EDF 3423: Educational Research Design (Version 2, Fall 2022–present)
- Developed and taught an undergraduate course on educational research methods (quantitative, qualitative, mixed-methods, and action) over the course of four semesters (Fall 2022, Spring 2023, Summer 2023, Fall 2023).
- Developed materials, assignments, and activities that were differentiated for asynchronous online sections (all four semesters) and synchronous in-person sections (three semesters).
- Improved the course each semester.
- Taught 45 students in person and 171 online in total to date.

EDF 3423: Educational Research Design (Version 1, Fall 2020)
- Taught an undergraduate course on educational research methods, based on materials and a design from the supervising faculty Dr. Corinne Huggins-Manley with minor modifications.
- Taught six students in a synchronous online format in the first Fall of COVID.

PROFESSIONAL TRAINING & EXPERIENCE

Teaching Courses Taken at the University of Florida
- EDG 6207: Transforming the Curriculum (Summer C 2023)
- EDH 6305: College and University Teaching (Summer C 2023)

Summer Institute in Anti-Racist and Decolonizing Research Methods
- Was an invited participant for the 2022 institute hosted by George Mason University in Fairfax, VA.

Academic Research Consulting
Provided coding or other quantitative analysis support and advice for dissertations and theses by
- Yue Xu (2023)
- Lisette Tolentino (2023)
- Brian Visconti (2022)
- Haley Kvarnberg (2020)
- Jungyoung Park (2019)
- Amy Hildenbrand (2019)
- Elizabeth Kenny (2018)

Other Consulting
- Analyzing institutional data for Dr. Jungyoung Park at the Korea Institute of Energy Technology (2022-2023).
- Analyzed the psychometric properties of Objective Structured Clinical Examination test data for the University of Florida's College of Medicine, under the supervision of Dr. Corinne Huggins-Manley (2020).

Graduate Research Assistantship (2017–2021)
- Collaborated with Drs. Corinne Huggins-Manley, Walter L. Leite, and Katerina M. Marcoulides on research, publications, and presentations related to item response theory, causation, Bayesian methods, and exploratory data mining methods.

PEER-REVIEWED PUBLICATIONS

Park, J. & **Wright, E. A.** (2023). Distractor analysis to improve the quality of multiple-choice item development. Manuscript submitted for publication.

Seyedahmad, R., Almond, R., Ramírez-Salgado, A., Wusylko, C., Weisberg, L., Song, Y., Lu, J., Myers, T. Wang, B., Wang, X., Francois, M. Moses, J., & **Wright, E. A.** (2023). Competency model development: The backbone of successful stealth assessments. Manuscript submitted for publication.

Marcoulides, K., Quan, J., & **Wright, E. A.** (2022). The impact of sample size on exchangeability in the Bayesian synthesis approach to data fusion. *Journal of Behavioral Data Science*, *2*(1), 75-105. https://doi.org/10.35566/jbds/v2n1/p5

Li, Z., Huggins-Manley, A. C., Leite, W. L., Miller, M. D., & **Wright, E. A.** (2022). Assessing ability recovery of the sequential IRT model with unstructured multiple-attempt data. *Educational and Psychological Measurement*, *82*(6), 1203-1224. https://doi.org/10.1177/00131644211058386

Huggins-Manley, A. C., **Wright, E. A.**, DePue, M. K., & Oberheim, S. T. (2021). Unsupported causal inferences in the professional counseling literature base. *Journal of Counseling & Development*, *99*(3), 243-251. https://doi.org/10.1002/jcad.12371

CONFERENCE PAPERS, POSTERS, AND SYMPOSIUMS

Leite, W. L., Shen, Z., Fisk, C., **Wright, E. A.**, Harring, J., & Marcoulides, K. M. (2023, June 26–28). *A tutorial on methods for sensitivity analysis to omitted confounders in structural equation modeling* [Paper Presentation]. Modern Modeling Methods Conference, Storrs, CT, United States.

Ramírez-Salgado, A. & **Wright, E. A.** (2023, June 25–28). *Measuring systems thinking using stealth assessment* [Paper presentation]. 2023 ASEE Annual Conference & Exposition, Baltimore, MD, United States.

Hatch, A., **Wright, E. A.**, & Wang, F. (2023, June 15–16). *The relationship between teachers' attachment insecurity and their classroom management efficacy* [Poster presentation]. International Conference on Developmental Psychology and Attachment Theory, online.

Wright, E. A. & Ramírez-Salgado, A. (2022, November 16–18). Stealth assessment of systems thinking. In *Stealth assessment of computational thinking, online credibility, systems thinking, and collaborative creativity* [Symposium]. 66th Annual Meeting of the Florida Educational Research Association, Daytona Beach, FL, United States.

Wright, E. A., Leite, W. L., Marcoulides, K. M., & Huggins-Manley, A. C. (2022, April 21–26). *Tabu search for variable selection in multiple regression with higher order terms*. [Paper presentation]. American Educational Research Association 2022 Annual Meeting, San Diego, CA, United States.

Wright, E. A. & Zhao, P. (2021, November 17–19). *A critical theory approach to quantitative research* [Paper presentation]. Florida Educational Research Association 65th Annual Meeting, Tampa, FL, United States.

Quan, J., **Wright, E. A.**, & Marcoulides, K. M. (2020, July 13–17). *The impact of sample size on exchangeability in Bayesian synthesis* [Paper presentation]. International Meeting of the Psychometric Society, Online.

Wright, E. A., & Leite, W. L. (2020, July 13–17). *A tabu search algorithm for path and structural model specification* [Paper presentation]. International Meeting of the Psychometric Society, Online.

Quan, J., **Wright, E. A.**, & Marcoulides, K. M. (2019, November 13–15). *Examining the impact of sample size on exchangeability in the Bayesian synthesis approach to data fusion* [Poster presentation]. Florida Educational Research Association 64th Annual Meeting, St. Petersburg, FL, United States.

Wright, E. A. & Huggins-Manley, A. C. (2019, November 13–15). *A note on the equivalence of MIRT and IRTree models for missing responses* [Paper presentation]. Florida Educational Research Association 64th Annual Meeting, St. Petersburg, FL, United States.

OTHER PUBLICATIONS

Wright, E. A. & Nazari, S. (2021). *A sensitivity analysis of Toward a greater understanding of how dissatisfaction drives employee turnover by Peter W. Hom and Angelo J. Kinicki*. https://cran.r-project.org/web/packages/SEMsens/vignettes/Hom-vignette.html

SERVICE
- Contributed to a reading group on QuantCrit that was primarily hosted by students of the Educational Technology graduate department at the University of Florida (Fall 2022).
- Co-ran a reading group for the book *Data Feminism* in the Research and Evaluation Methodology department at the University of Florida (Fall 2021)
- Volunteered at the Florida Educational Research Association 65th Annual Meeting (2021)
- Reviewed submissions for
  - Florida Educational Research Association 67th Annual Meeting (2023)
  - American Educational Research Association 2024 Annual Meeting (2023)
  - University of Florida Journal of Undergraduate Research (2023)
  - American Educational Research Association 2023 Annual Meeting (2022)
  - American Educational Research Association 2022 Annual Meeting (2021)
  - Florida Educational Research Association 65th Annual Meeting (2021)

CURRENT PROFESSIONAL MEMBERSHIPS
- American Educational Research Association
- Florida Educational Research Association

HONORS & AWARDS
- University of Florida Graduate Student Funding Award (2017–2021)