Marcus Harris

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EDUCATION

2022-Present **Ph.D. in Educational Psychology with an area of concentration in Research Methods, Measurement, and Evaluation**
Neag School of Education
University of Connecticut

2025 **Master of Arts in Educational Psychology with an area of concentration in Research Methods, Measurement, and Evaluation**
Neag School of Education
University of Connecticut

2022 **Master of Public Policy (M.P.P)**
School of Public Affairs
Arizona State University
GPA: 4.0

2022 **Master of Arts in Educational Policy**
Mary Lou Fulton Teachers College
Arizona State University
GPA: 4.0

2019 **B.S. Psychology**
Arizona State University
Major: Psychology
Minor: Women and Gender Studies

HONORS

2025-2027	Dean's Doctoral Scholar at the University of Connecticut
2026	IBACS Grant Writing Workshop Fellowship Award
2026	AACTE Holmes Dissertation Funding Competition 1st Place
2025	TRANSCEND NSF NRT UConn Support
2025	The Friends & Colleagues of Francis X. Archambault, Jr. Fellowship
2025	J. Raymond and Augusta Gerberich Fellowship Fund Award
2024	J. Raymond and Augusta Gerberich Fellowship Fund Award
2024	Mathematically Gifted & Black Dr. Sylvia T. Bozeman PhD Student Award
2024-2025	TRANSCEND NSF NRT UConn Fellow
2023	Robert K. Gable Fund Award
2023	J. Raymond and Augusta Gerberich Fellowship Fund Award

2022-2024   Dean's Doctoral Scholar at the University of Connecticut

2022   President's Diversity Fellowship at Indiana University

2015-2019   Dean's List at Arizona State University

2015   German Unification Essay Contest 1st Place at Arizona State University

Peer Reviewed Journal Articles

Harris, M.A., & McCoach, D.B. (2025). Classify with Caution: An illustrative Example Using Mixture Models and Machine Learning. *Journal of Research in Personality*

Currently Under Review

Conferences

Harris, M. A., Collier, Z., & Reyna, K. (2026). *Simulation as method, pedagogy, and epistemology: A framework for Monte Carlo simulation methods* [Panel discussion]. American Educational Research Association Annual Meeting, Los Angeles, CA, United States.

Harris, M. A. (2026). *Inclusive reproducibility: Building usable rubric for social scientists* [Dissertation Funding Competition]. American Association of Colleges for Teacher Education Holmes Pre-conference, New Orleans, LA, United States.

Harris, M. A. (2026). *Competencies in an AI world* [Roundtable discussion]. American Association of Colleges for Teacher Education Holmes Pre-conference, New Orleans, LA, United States.

Harris, M. A., Wilson, J., Friday, M., & Vaccaro, M. (2025). *Enhancing systematic review with generative AI: A transdisciplinary team's exploration of AI tools* [Paper presentation]. Northeastern Educational Research Association Conference, Trumbull, CT, United States.

Harris, M. A. (2025). *Building and validating the Methodological Competency Scale (MCS)* [Roundtable discussion]. American Educational Research Association Annual Meeting, Denver, CO, United States.

Sukumar, J., & Harris, M. A. (2025). *Transforming skillsets: A conversation about engaging minority students in machine learning* [Roundtable discussion]. American Association of Colleges for Teacher Education Holmes Pre-conference, Long Beach, CA, United States.

Harris, M.A., & Sukumar, J. (2025). *Transforming Attitudes: An Educational Intervention to Engage Minority Students in Data Science and Machine Learning* [Roundtable discussion]. American Association of Colleges for Teacher Education Holmes Pre-conference, Long Beach, CA.

Harris, M.A., & Collier, Z.K. (2024). *Advancing Research on Methodology: A Panel Discussion*

on the creation of a minority-centered methodological conference, InclusiMetrics [Panel Discussion]. Moden Modeling Methods Conference, Storrs, CT.

Harris, M.A., & McCoach, D.B. (2024). *Classify with Caution: An illustrative Example Using Mixture Models and Machine Learning* [Paper presentation]. American Educational Research Association, Philadelphia, PA.

Harris, M.A., & Collier, Z.K. (2024). *Advancing Research on Methodology: A Panel Discussion on the creation of a minority-centered methodological conference, InclusiMetrics* [Panel Discussion]. Eastern Evaluation Research Society, Zoom Video Conference.

Harris, M.A., (2024). *Transforming Educational Research: Embracing Actionable Insights Beyond Statistical Significance* [Roundtable discussion]. American Association of Colleges for Teacher Education Holmes Pre-conference, Denver, CO.

Harris, M.A., Reyna, K., Safari, F., Sutter, A., & Ventura, C. (2023). *The Future of Educational Measurement* [Paper Presentation]. Northeastern Educational Research Association, Trumbull, CT.

Invited Talks

Harris, M.A. (2025). *Open Science Conversations – Fall 2025 Brown Bag*. University of Connecticut Language and Cognition Psychology program, Storrs, CT.

Service

2025-2026	UConn UAW Graduate Employee Union Local 6950 Bargaining Team Member
2023-	EPSY PhD Student Committee Representative
2022-	Methods and Statistics Tutor
2023	Created the Research Committee at UConn's UAW Graduate Employee Union Local 6950
2024 (Spring)	Executive Board Member of UConn's UAW Graduate Employee Union Local 6950: Interim Financial Trustee
2025-2026	UAW Graduate Employee Union Local 6950: Financial Secretary
2025-2027	UAW Graduate Employee Union Local 6950: Chair of Financial Trustees
2025-2026	Part of the Bargaining Committee with UAW Graduate Employee Union Local 6950: Focused on (1) first AI employment article, (2) Stipends, (3) Tuition and Fees

Teaching

2024 (Spring) R: Reproducible Research in R (EPSY 5195)
2026 (Spring) Reproducibility Journal Club (PSYC 5170)

RESEARCH EXPERIENCE

Dissertation work on Evaluation of Reproducibility – under the supervision of Bianca Montrosse-Moorhead

Spring 2025-Present

Responsibilities:

My dissertation examines how computational research practices influence the credibility and interpretability of scientific findings. It develops and validates a structured rubric for evaluating the reproducibility and quality of statistical code used in social science research, combining expert feedback, rubric design, and cognitive interviews with researchers. The project treats research code as an object of formal evaluation and draws on evaluation theory, psychometrics, and meta-research to design practical tools for assessing reproducibility. Ultimately, this work aims to improve how computational workflows are evaluated, taught, and used to support more transparent and trustworthy science.

Graduate Research Assistantship- under the supervision of Betsy McCoach at UConn

Fall 2022-2025

Responsibilities:
Focus on learning about different longitudinal structural equation models. As of now, these models consist of the Cross Lagged Panel Model, Autoregressive Latent Trajectory model (ALT), Stable Trait Autoregressive Trait and State model (START), Latent Curve Model with Structured Residuals(LCM-SR), and the Latent Change Score model (LCS), in essence, latent multivariate time series modeling.

Conducted simulation research using machine learning methods: Classification trees, conditional inference trees, evolutionary trees, Ward's hierarchical clustering, K-means, K-medians, contrasted with Factor Mixture Models.

Advance Item Response Theory Class Taught by Eric Loken
Fall 2023

Responsibilities:

Conducted simulation research on multilevel Item Response Theory models.

References:

Bianca Montrosse-Moorhead, PhD
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