

CHRIS YALUMA, PH.D.

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EDUCATION

The Ohio State University Columbus, OH
Ph.D., Public Policy & Management 2024
Dissertation Title: Three Essays on K-12 Public Education Administration and Societal Inequities.
Committee: Stéphane Lavertu (Chair), Lauren Jones, & Katie Vinopal.

The Ohio State University Columbus, OH
M. A., Education Policy 2020

Miami University Oxford, OH
M. Ed., Education, Leadership & Policy 2016

Berea College Berea, KY
B. A., Physics 2012
Capstone Research: The Application and Solutions of the Heat Equation using Numerical Methods.

CURRENT WORK

The Ohio State University Columbus, OH
Program on Data and Governance, Senior Research Associate 2024 – Present

COMPUTATIONAL SKILLS

Programming

- *R, STATA, Python, ArcGIS, Excel.* High proficiency in R, STATA, ArcGIS, and Excel. Intermediate proficiency in Python.
- Experience with data wrangling using R's *dplyr* and *tidyr* packages.
- Experience using Python for Data Science.
- Developed an interactive web application to explore demographic, segregation, and charter school enrollment trends in Ohio school districts (1999–2020). Available at: <https://chrisyaluma.com/ohio-trends>

RESEARCH AND INTERESTS

Research

- Experience with statistical modeling and causal inference.
- Employs quasi-experimental research designs.
- Some experience with qualitative data coding.

Interests

- School choice and educational inequality.
- Access to high quality programs for low-income individuals.
- Federal and state education policies.
- Governance of AI and advanced analytics.

RECENT GRANTS

2. **National Science Foundation** (Industry-University Cooperative Research Centers (IUCRC). 10/2025 - 09/2030. Contributed as a core member of the team that successfully developed and submitted the proposal establishing the first-ever Center for Responsible AI Governance. Amount: \$1,467,544.
1. **PRE-ERIK Accelerator Award**. 01/2025 - 12/2025. Designed and prepared a proposal to examine the impact of Responsible AI Management (RAIM) on organizational and market performance. Amount: \$50,000.

PUBLICATIONS

6. Hirsch, D. D., Ott, J., Westover-Munoz, A., **Yaluma, C. B.**, & Schneider, L. (2025). [Aligning algorithmic risk assessments with criminal justice values](#). *Federal Sentencing Reporter*, 37 (3-4): 299–321.
5. **Yaluma, C. B.**, Little, A. P., & Leonard, M. B (2021). [Estimating the impact of expulsions, suspensions, and arrests on average school proficiency rates in Ohio using fixed effects](#). *Educational Policy*, 1-28.
4. **Yaluma, C. B.**, & Tyner, A. (2021). [Are US schools closing the “gifted gap”? Analyzing elementary and middle schools’ gifted participation and representation trends \(2012–2016\)](#). *Journal of Advanced Academics*, 32(1), 28-53.
3. **Yaluma, C. B.**, & Tyner, A. (2018). [Is there a gifted gap? Gifted education in high-poverty schools](#). *Thomas B. Fordham Institute*.
2. Saultz, A., Mensa, Q., **Yaluma, C. B.**, & Hodges, J. (2018). [Charter school deserts—High-poverty neighborhoods with limited educational options](#). *Thomas B. Fordham Institute*.
1. Saultz, A., & **Yaluma, C. B.** (2017). [Equal access? Analyzing charter location relative to demographics in Ohio](#). *Journal of School Choice*, 11(3), 458-476.

CURRENT RESEARCH

2024 - Present: Currently working on a study that evaluates the impact of responsible AI management on market and organizational performance. This study employs both an event study design and a difference-in-differences approach.

2024 - Present: Also working on a study that evaluates the impact of statewide virtual charter schools on racial and socioeconomic segregation within Ohio school districts. This study uses a matched event study difference-in-differences design.

2024 - Present: Finally, working on a descriptive study that examines the use and governance of generative AI in K–12 public education.

CONSULTANCY WORK

Summer 2020: Under the supervision of Dr. Vlad Kogan, Dayton Early College Academy (DECA) contracted me to evaluate factors impacting their alumni’s four-year college graduation rates. After the evaluation, I authored a report providing the organization with policy and practical recommendations based on the findings.

December 2020: I contributed to Thomas B. Fordham’s *WHAT WORKS WIKI*—a Recovery Elementary School Plan to Address Learning Loss When Students Return Full-Time. I drafted a section on “Supports for Low-Income Gifted and Talented Students.”

ACADEMIC SERVICE

Provided over 10 Publons verified peer reviews for academic journals. 8 for *Gifted Child Quarterly*, 2 for *Exceptional Children*, 1 for *Journal of Advanced Academics*, and 2 for *Review of Educational Research*.

TALKS & CONFERENCES

2025: The impact of Responsible AI Management (RAIM) on organizational and market performance. *AI in Business Conference*. Fisher College of Business at The Ohio State University. Columbus, OH. USA.

2025: Enhancing Student Engagement with AI Governance. *Ohio Statewide Family Engagement Center*. Columbus, OH. USA.

2022: The impact of virtual charter school closure on district segregation. *Association for Public Policy Analysis and Management (APPAM)*. Washington, DC. USA.

2019: Charter school deserts: How can we enhance opportunities for growth in poor communities? *National Charter Schools Conference (NCSC)*. Las Vegas, NV. USA.

2019: Curriculum choice in rural Zambia: Empowering poor families via accessible and equitable education. *American Educational Research Association (AERA)*. Toronto, ON. Canada.

2018: Is there a gifted gap? Gifted education in high-poverty schools. *Association for Public Policy and Management (APPAM)–Student Regional Conference*. Washington, DC. USA.

2016: Equal access? Analyzing charter location relative to demographics in Ohio. *University Council for Educational Administration (UCEA)*. Detroit, MI. USA.

AWARDS AND HONORS

Emerging Education Policy Scholar <i>Thomas B. Fordham Institute and American Enterprise Institute</i>	2020
Education Policy Academy <i>American Enterprise Institute</i>	2018
The Susan Birchfield Scholarship Award <i>The Ohio State University</i>	2018
Wilbur Hopkins Memorial Award <i>The Ohio State University</i>	2017
John O. & Elsie Jenkins Memorial Scholarship <i>The Ohio State University</i>	2017
2nd Prize Research Paper Award <i>International Conference on School Choice and Reform</i>	2017