

# CHRIS YALUMA, PH.D.

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## EDUCATION

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**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

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

## COMPUTATIONAL SKILLS

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### Programming

- *R*, *STATA*, *Python*, *ArcGIS*, *SQL*, *Power BI*. High proficiency in *R*, *STATA*, and *ArcGIS*. Intermediate proficiency in *Python*, *SQL*, and *Power BI*.
- 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

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### 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

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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

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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

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*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

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*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

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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

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**2026:** AI school policy in 2026: Risks and opportunities for students. *University of Oklahoma*. Norman, OK. USA.

**2026:** Aligning algorithmic risk assessments with criminal justice values. *OSJCL Symposium Panel on Evidence*. The Ohio State University. Columbus, OH. USA.

**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

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<b>Emerging Education Policy Scholar</b> <i>Thomas B. Fordham Institute and American Enterprise Institute</i>	2020
<b>Education Policy Academy</b> <i>American Enterprise Institute</i>	2018
<b>The Susan Birchfield Scholarship Award</b> <i>The Ohio State University</i>	2018
<b>Wilbur Hopkins Memorial Award</b> <i>The Ohio State University</i>	2017
<b>John O. &amp; Elsie Jenkins Memorial Scholarship</b> <i>The Ohio State University</i>	2017

