



# FACULTY NEWS AND NOTES

May 2024



**Teachers College**  
COLUMBIA UNIVERSITY



## Alex Bowers

### Grant

- Spencer Foundation Vision Grant: Developing a Community-Based Model for Equitable AI Practices in Education Settings
- Developing a Community-Based Model for Equitable AI Practices in Education Settings
- Co-PI's: Katie Davis, University of Washington; Vincent Cho, Boston College; Jason C. Yip, University of Washington; Alex J. Bowers, Teachers College, Columbia University; Suleman Shahid, Lahore University of Management Sciences in Pakistan  
Tom Yeh, University of CO, Boulder
- List of individual teams: <https://www.spencer.org/news/2023-spencer-vision-grant-awardees>
- Overall statement about the vision planning grants by Spencer Foundation President Na'ilah Nasir: <https://www.spencer.org/news/spencer-foundation-announces-inaugural-vision-grant-awards>
- Our project is focused on working to partner with local communities and schools globally (US, Brazil, Nigeria, Pakistan) to learn with them about their needs and next generation applications of AI in their schools and communities, to help build an equitable framework of AI use in schools globally that help serve the needs of local communities.
- <https://www.spencer.org/news/2023-spencer-vision-grant-awardees>



## Jessica Chen

### Honor/Award

- Top Cited Article 2022-2023
- My paper, with co-author Dr. Felicia Moore Mensah, was one of the top ten most-cited articles published in Science Education in 2022-2023.
- Chen, J. L., & Mensah, F. M. (2022). Toward socially just science teaching through professional development: The science teacher identity development and agency of two elementary Teachers of Color. *Science Education*, 106(2), 227-475. <https://doi.org/10.1002/sce.21699>



## Lori Custodero

### Book Publication

- Before We Teach Music: The Resonant Legacies of Childhoods and Children
- Through excerpted musical autobiographies from over 200 graduate students, this book reveals the full spectrum of music's effect on developmental stages. It addresses what parents, teachers, composers, and performers learn from their encounters with children, raising important questions about the nature of musicality, the roles of music in identity, and the complexity of human musical trajectories.
- [https://photos.google.com/photo/AF1QipOqC0GUx5JA7I7CukNCowhRjB6s-VA\\_ZNeT5cEF](https://photos.google.com/photo/AF1QipOqC0GUx5JA7I7CukNCowhRjB6s-VA_ZNeT5cEF)
- <https://photos.app.goo.gl/fxNb3z17vzJzPRp76>



## Alex Eble

### Grant

- Grant from the Abdul Latif Jameel Poverty Action Lab Learning for All Initiative
  - The grant of \$295,226 is for the project, “The adolescent impacts of massive literacy and numeracy gains in primary school: Evidence from rural West Africa.”
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## Irina Lyublinskaya

### Journal Article Publication

- Grant from the Abdul Latif Jameel Poverty Action Lab Learning for All Initiative
- Lyublinskaya, I., Okita, S., & Walker, E. (2024) Developing teachers’ cultural competencies and responsiveness through co-design of robot coding mathematics activities for Latinx and Black elementary school students. *London Review of Education*.
- <https://doi.org/10.14324/LRE.22.1.11>

### Public Communication

- Digital transformation: Past, present and future of research on educational technology
    - Keynote at the 10th International Conference on Education and Training Technologies.
    - <https://www.icett.org/>
  - Modern trends in education research with and/or about technology.
    - Keynote at the 6th International Conference on Computer Science and Technologies in Education.
    - <https://www.cste.net/>
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## Sonali Rajan

### Public Communication

1. Authored an op-ed: Rajan S. (April 2024). “It’s been 25 years since Columbine. This is what we’re still getting wrong about school shootings,” *LA Times* (Full link here: <https://www.latimes.com/opinion/story/2024-04-19/school-shootings-gun-violence-columbine-ualde-parkland>)
  2. Interviewed for/quoted in this NPR article: Anderson M. (April 2024), “Where gun violence is common, some students say physical safety is a top concern.” (Full link here: <https://www.npr.org/2024/04/19/1243881326/school-gun-violence-federal-aid>)
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## Jessica Riccio

### Grant

- NSF Robert Noyce Teacher Scholarship Program: Track 4 Research Grant \$985,024
- Riccio, J. (PI). Collaborative Research: Investigating the Impact of Video-based Analysis of Classroom Teaching on STEM Teacher Preparation, Effectiveness, and Retention. NSF Award #2344791 (June 2024-May 2027)
- This project will investigate seven distinct educator preparation programs at Teachers College, Columbia University; Vanderbilt University; Texas State University San Marcos; West Chester University; University of Northern Iowa; Louisiana State University; and Kennesaw State University. It includes partnerships with high-need school districts local to each of our seven research sites.
- The project aims to serve the national need for developing effective STEM teachers who could be retained in high-need schools. This research will investigate the impact of engaging teacher candidates and new teachers in video-based analysis of STEM classrooms within and across the contexts of the research team to include the goal of building skills in noticing inclusive approaches to STEM teaching. The project aims to engage ~200 future and current STEM teachers in video-based analysis through teacher preparation programs at seven institutions geographically spread across the country. The research is designed to investigate the impact of this video-based approach on STEM teacher effectiveness and retention in high-need schools. The project has the potential to produce new insights about this model of using video-based analysis for preparing and retaining effective STEM teachers in high-need schools with skills in inclusive STEM teaching.



## Yolanda Sealey-Ruiz

### Honor/Award

- NYU Steinhart 2024 Convocation Honoree: Dorothy Height Distinguished Alumni Award winner
- Named for Dorothy Height, BA '33, MA '35, HON '75, a champion for equality who made her life's work fighting for the rights of women and the underserved, this award is Steinhardt's highest alumni honor. It recognizes exceptional individuals whose work enhances our understanding of art, science, culture, and humanity, and makes an impact on society.
- <https://steinhardt.nyu.edu/news/2023-doctoral-convocation-dorothy-height-awardee-carmen-guillen-farina-bs-65>

### Book/Journal Article Publication

- All About Black Girl Love: bell hook and Pedagogies of Love
- Drawing from bell hook's 1999 book All About Love, this volume builds on theories of love as they relate to Black Girlhood in education, shedding light on educational practices rooted in love and exploring strategies for centering Black girls and love in Grades K-12.
- Bringing together voices of scholars, poets, and visual artists who theorize Black Girlhood, the collection pays particular attention to practices, acts, communities, and pedagogies of love.
- <https://www.routledge.com/All-About-Black-Girl-Love-in-Education-bell-hooks-and-Pedagogies-of-Love/Griffin-Sealey-Ruiz/p/book/9781032620237>



## Rachel Talbert

### Grant

- Spencer Postdoctoral Fellowship
- The funding will support a research project with the Lenape Center, teachers and students in New York City, to investigate what curricular knowledge is most important to the Lenape, whose Land New York City is on and test implementation and feasibility for broad use NYC schools.
- The announcement can only be shared with colleagues at the faculty meeting for now. Spencer will do a press release and website in June.



## Amina Tawasil

### Symposium

- “What is Peacework Anyway?” Panelist, Global Peace and Education Symposium 2024, Teachers College, Columbia University (April)
- I was one of four panelists discussing practitioner perspectives on peace education, sponsored by Office of Global Engagement and University for Peace.

### Conference

- “The Spray Can: Graffiti, Transgression, and New York City Gentrification”
  - American Ethnological Society & Association for Political and Legal Anthropology Conference 2024, University of Pittsburgh (April)
- “An Iranian Seminarian Woman Navigating Religious Conservatism and Secularism”
  - American Academy of Religion’s Annual Meetings 2024 (June)
- “Muslimness and Fieldwork Under Surveillance in the Islamic Republic of Iran”
  - 3rd Annual Conference Critical Muslim Studies, University of Leeds (June)
- “Muslimness, Empire, and Fieldwork Under Surveillance in the Islamic Republic of Iran”
  - 2024 Middle East Studies Association Meeting, Virtual (June)



## Dan Tomasulo

### Public Communication

- Invited Keynote US China Education Forum
  - Delivered the opening address on positive education.
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## Erik Voss

### Webinar

- Current applications of Artificial Intelligence in Language Assessment
- Webinar Presentation on April 8, 2024 for the Duolingo English Test Assessment Research; Innovations in Language Assessment webinar series: recording available on Youtube.com/@DETresearch
- <https://www.youtube.com/watch?si=Rf0s8DO1b5NIQzFP&v=b-mjLmvXLBU&feature=youtu.be>