



# FACULTY NEWS AND NOTES

October 2023



**Teachers College**  
COLUMBIA UNIVERSITY



## Alex Bowers

### Journal Article Publication

- Bowers, A.J., Choi, Y. (2023) Building School Data Equity, Infrastructure, and Capacity Through FAIR Data Standards: Findable, Accessible, Interoperable, Reusable. *Educational Researcher*, 52(7), p. 450-458.

<https://doi.org/10.3102/0013189X231181103>

- Abstract: Despite increasing calls to build equitable data infrastructures, the education field has yet to have a shared guideline around equitable education data management and stewardship. To address this gap, we propose one framework from the data governance literature: the FAIR (Findable, Accessible, Interoperable, Reusable) data management principles complemented by the CARE (Collective benefits, Authority to control, Responsibility, Ethics) principles. A qualitative study. American Behavioral Scientist.
- Bowers, A.J., Zhao, Y., & Ho, E. (2023). Towards Hierarchical Cluster Analysis Heatmaps as Visual Data Analysis of Entire Student Cohort Longitudinal Trajectories and Outcomes from Grade 9 through College. *The High School Journal*, 106(1), 5-36. <https://doi.org/10.1353/hsj.2022.a906700> HCA Heatmap Shiny R web application: <https://ohrice.shinyapps.io/Heatmap/> HCA Heatmap open access Shiny R application code: <https://doi.org/10.7916/cqvn-9t71> HCA Heatmap open access R code tutorial: <https://doi.org/10.7916/r1mg-yn37>
- Abstract: Research on data use and school Early Warning Systems (EWS) notes a central practice of researchers and practitioners is to search for patterns in student data to predict outcomes so schools can support success when students experience challenges. Yet, the domain lacks a means to visualize the rich longitudinal data that schools collect. Here, we use visual data analytic hierarchical cluster analysis (HCA) heatmaps to pattern and visualize entire longitudinal grading histories of a national sample of n=14,290 students from grade 9 to college in every enrolled subject and year, visualizing 6,728,920 individual datapoints. We provide both the open access code in R and an open-access online tool allowing anyone to upload their data and create a HCA heatmap, providing support for visual data analytic and data science practice for both education researchers and schooling organizations.



## James Corter

### Book Chapter

Clustering Approaches

- Invited chapter in the *International Encyclopedia of Education* (4th Ed.)

<https://dx.doi.org/10.1016/B978-0-12-818630-5.10072-7>



## Regina Cortina

### Honor/Award:

Sociedad Iberoamericana de Educación Comparada

- A career award “for her transcendent contributions to Comparative Education and the defense of the rights of girls and women.

<https://www.tc.columbia.edu/international-and-transcultural-studies/international-and-comparative-education/our-stories/news-stories/cortina-award-trajectory-award-2024/>



## Alex Eble

### Journal Article Publication

The article “What We Teach About Race and Gender: Representation in Images and Text of Children’s Books” was published in the Quarterly Journal of Economics

<https://academic.oup.com/qje/article/138/4/2225/7247000>



## Barry Farber

### Book Publication

- Farber, B. A., Suzuki, J. Y., & Ort, D. (2023). Understanding and enhancing positive regard in psychotherapy: Carl Rogers and beyond. APA Books. Mayopoulos, G., & Farber, B. A. (2023). Disclosure in psychotherapy versus in anonymous and non-anonymous online spaces. Psychotherapy Research.

<https://doi.org/10.1080/10503307.2023.2256954>

- Patmore, J., & Farber, B. A. (2023). The nature and effects of nondisclosure of eating and body image concerns within the therapeutic dyad. Eating Disorders: The Journal of Treatment & Prevention, 31, 258-273. <https://doi.org/10.1080/10640266.2022.2114585>

85 Newman, M., & Farber, B. A. (2023). Therapist dishonesty across theoretical orientations. Counseling Psychology Quarterly.

<https://doi.org/10.1080/09515070.2022.2163984>

### Journal Article Publication

- Mayopoulos, G., & Farber, B. A. (2023). Disclosure in psychotherapy versus in anonymous and non-anonymous online spaces. Psychotherapy Research.

<https://doi.org/10.1080/10503307.2023.2256954>

- Patmore, J., & Farber, B. A. (2023). The nature and effects of nondisclosure of eating and body image concerns within the therapeutic dyad. Eating Disorders: The Journal of Treatment & Prevention, 31, 258-273.

<https://doi.org/10.1080/10640266.2022.2114585>

- Newman, M., & Farber, B. A. (2023). Therapist dishonesty across theoretical orientations. Counselling Psychology Quarterly.

<https://doi.org/10.1080/09515070.2022.2163984>



## Maria Hartmann

### Grant:

Office of Special Education (OSEP) Preparing Personnel to Serve Infants, Toddlers, and Preschool-Age Children with Disabilities who have High-Intensity Needs

- The grant will fund COACH: Collaborating to Optimize Achievement for Children with Hearing Loss. This program provides funding over the next five years (\$1.25M) to prepare teachers of the deaf and SLPs for work in early intervention and preschool settings.

<https://sites.ed.gov/idea/osep-awards-personnel-prep-professional-development-grants-2023>

- Maria Hartmann (HAEP) and Elizabeth Rosenzweig (BBS), and Elaine Smolen were awarded \$1.25M from the US DOE Office of Special Education Programs to fund the COACH project, which will provide interdisciplinary preparation for teachers of the deaf and speech-language pathologists.

### Journal Publication:

Hartmann, M. C., Smolen, E. R., & Powell, B. (2023). Curriculum and instruction for deaf and hard of hearing students: Evidence from the past, considerations for the future. *Education Sciences*, 13(6), 533-548.

<https://doi.org/10.3390/educsci13060533>



## Bryan Keller

### Book Chapter:

Book chapter: Keller, B., Marchev, D. (2022). Analysis of Covariance: Univariate and Multivariate Applications. In Tierney, R., Fazal, R. & Ercikan, K. (Eds.), *International Encyclopedia of Education*, vol. 14. Elsevier, pp. 536-547.

<https://www.sciencedirect.com/science/article/abs/pii/B9780128186305100661?via=ihub>

[http://www.columbia.edu/~bsk2131/Keller\\_Marchev\\_ANCOVA\\_R1.pdf](http://www.columbia.edu/~bsk2131/Keller_Marchev_ANCOVA_R1.pdf)



## Bettina Love

### Book Publication:

*Punished for Dreaming: How School reforms harm black children and how we heal*

- New York Times Bestseller #6 - Oct 1, 2023



## Ben Lovett

### Book Publication:

Practical Psychometrics

<https://www.guilford.com/books/Practical-Psychometrics/Benjamin-Lovett/9781462552092>

---



## Jennifer C Lena

### Journal Article Publication:

Polyoccupationalism: Expertise Stretch and Status Stretch in the Postindustrial Era

- Published in the October 2023 edition of the American Sociological Review, the flagship journal of the American Sociological Association. Thanks to a generous grant from Sciences Po and the University of Wisconsin, the paper is available via open access.

<https://journals.sagepub.com/doi/full/10.1177/00031224231190942>

---



## Nicholas Limerick

### Book Publication:

Recognizing Indigenous Languages: Double Binds of State Policy and Teaching Kichwa in Ecuador

[https://books.google.com/books/about/Recognizing\\_Indigenous\\_Languages.html?id=dcLSEAAAQBAJ&source=kp\\_book\\_description](https://books.google.com/books/about/Recognizing_Indigenous_Languages.html?id=dcLSEAAAQBAJ&source=kp_book_description)



## Ioana Literat

### Journal Article Publication:

- Meng, X. & Literat, I. (2023). #AverageYetConfidentMen: Chinese stand-up comedy and feminist discourse on Douyin, *Feminist Media Studies*, <https://doi.org/10.1080/14680777.2023.2267781>
- Abdelbagi, A.\* & Literat, I. (2023). Mapping the information landscapes of Sudanese youth: Implications for media literacy education. *International Journal of Communication* 17, 4755-4777. <https://ijoc.org/index.php/ijoc/article/view/20679/0>

### Publication Communication:

Literat, I. (2023). /imagine [PROMPT]: A chat with @MidjourneyBot, or 10 provocations for the future of media literacy. White paper. Digital Futures Institute. <https://www.tc.columbia.edu/digitalfuturesinstitute/dfi-working-papers/imagine-prompt/>

### Expert Witness:

Expert witness in TikTok First Amendment lawsuit: Coalition for Independent Technology Research v. Abbott

- The Knight First Amendment Institute at Columbia University filed the lawsuit on behalf of the Coalition for Independent Technology Research, which works to study the impact of technology on society. The lawsuit specifically challenges Texas' TikTok ban in relation to public universities, saying it compromises academic freedom and impedes vital research. Dr. Literat was called upon as an expert on TikTok and provided a declaration in support of the lawsuit. <https://knightcolumbia.org/content/knight-institute-asks-court-to-rule-quickly-on-researchers-challenge-to-texas-tiktok-ban>



## Felicia Mensah

### Book Chapter:

- Joseph Has No Money for Groceries! Riley, A., & Mensah, F.M. (2023). Case: Joseph has no money for groceries! In S. Jeong, L. A. Bryan, D.J. Tippins, & C.M. Sexton. (Eds.). *Navigating elementary science teaching and learning: Cases of classroom practices and dilemmas* (pp. 85-88). Springer International Publishing AG. [https://doi.org/10.1007/978-3-031-33418-4\\_16](https://doi.org/10.1007/978-3-031-33418-4_16)
- Don't drink the water, McDonald, L.K., & Mensah, F.M. (2023). Case: Don't drink the water. In S. Jeong, L. A. Bryan, D.J. Tippins, & C.M. Sexton. (Eds.). *Navigating elementary science teaching and learning: Cases of classroom practices and dilemmas* (pp. 363-366). Springer International Publishing AG. [https://doi.org/10.1007/978-3-031-33418-4\\_70](https://doi.org/10.1007/978-3-031-33418-4_70)



## Kimberly Noble

### Grant:

- Baby's First Years NIH renewal R01
  - Kimberly Noble, along with multiple PIs Greg Duncan (UC-Irvine) and Katherine Magnuson (University of Wisconsin-Madison) received a 5-year continuation R01 (\$5.4 million over 5 years) for Baby's First Years (BFY), the first large-scale randomized controlled trial in the U.S. to estimate the impact of poverty reduction on children's development and health.
- Baby's First Years NIH administrative supplement
  - We received a Notice of Award for an administrative supplement for \$337,596 to study late language emergence in the Baby's First Years sample.

### Journal Article Publication:

- Costanzo, M. A., Magnuson, K. A., Gennetian, L. A., Halpern-Meekin, S., Noble, K. G., & Yoshikawa, H. (2023). Contraception Use and Satisfaction Among Mothers with Low-Income: Evidence from the Baby's First Years Study. *Contraception*, 110297 [https://400fe78b-477d-426a-85e8-078005e075b6.filesusr.com/ugd/904f35\\_bc84e2d1a9784682ad15ba434448cad7.pdf](https://400fe78b-477d-426a-85e8-078005e075b6.filesusr.com/ugd/904f35_bc84e2d1a9784682ad15ba434448cad7.pdf)
- Troller-Renfree, S. V., Sperber, J. F., Hart, E. R., Costanzo, M. A., Gennetian, L. A., Meyer, J. S., Fox, N. A., & Noble, K. G. (2023). Associations between maternal stress and infant resting brain activity among families residing in poverty in the U.S. *Biological Psychology*, 184, 108683. <https://doi.org/10.1016/j.biopsycho.2023.108683> [https://400fe78b-477d-426a-85e8-078005e075b6.filesusr.com/ugd/904f35\\_5bf1414459654743bee275ef1ec5fdcd.pdf](https://400fe78b-477d-426a-85e8-078005e075b6.filesusr.com/ugd/904f35_5bf1414459654743bee275ef1ec5fdcd.pdf)
- Sperber, J. F., Gennetian, L. A., Hart, E. R., Kunin-Batson, A., Magnuson, K., Duncan, G. J., ... & Noble, K. G. (2023). Unconditional Cash Transfers and Maternal Assessments of Children's Health, Nutrition, and Sleep: A Randomized Clinical Trial. *JAMA Network Open*, 6(9), e2335237-e2335237 [https://400fe78b-477d-426a-85e8-078005e075b6.filesusr.com/ugd/904f35\\_053aae2a180a439c8fefb4db823cb922.pdf](https://400fe78b-477d-426a-85e8-078005e075b6.filesusr.com/ugd/904f35_053aae2a180a439c8fefb4db823cb922.pdf)



## William Pasmore

### Book Publication:

- Handbook of Research Methods in Organizational Change <https://www.amazon.com/Handbook-Research-Methods-Organizational-Change/>
- Doing Well and Doing Good: Human-Centered Digital Transformation Leadership <https://www.amazon.com/Doing-Well-Good-Human-Centered-Transformation/>



## Lori Quinn

### Book Chapter:

1. Adams J, Waddell E, Chunga N, Quinn L. Digital measures in Huntington's disease. In E. Thomas & G. Parkin (Eds). Biomarkers for Huntington's disease. Improving Clinical Outcomes. Springer; Chalm, Switzerland. 2023.

- This book chapter provides an overview of the current state of the literature in digital measures - including measures of motor function, cognition, physiological functioning and speech - for people with Huntington's disease. Digital measures have the potential to be more sensitive to disease onset and progression, and to changes following interventions, compared to traditional clinical outcome measures.
- Biomarkers for Huntington's Disease: Improving Clinical Outcomes | SpringerLink



## Sonali Rajan

### Grant:

NICHD Grant Awarded: Diversity Supplement (R01HD108027-01S1); Role: Multiple Principal Investigator (MPI); MPI: C. Branas; Diversity supplement for "A Nationwide Case-Control Study of Firearm Violence Prevention Tactics and Policies in K-12 Schools."; Funding Period: September 2023 – August 2025; NINR Grant Awarded: T32 Training Grant (T32NR007969); Role: Co-Investigator; MPIs: S. Bakken and R. Schnall; Reducing Health Disparities through Informatics (Special emphasis: Firearm Injury Prevention); Funding Period: September 2023 - August 2026



## Douglas Ready

### Journal Article Publication:

Dumont, H., & Ready, D. D. (2023). On the promise of personalized learning for educational equity. *npj Science of Learning*, 8(26), 1-6.





## Jessica Riccio

### Honor/Award:

Nominated for the 2024 Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring from the National Science Foundation Directorate for STEM Education

- The PAESMEM program was created in 1995 to identify and recognize those who have contributed outstanding efforts in mentoring and have enhanced the participation of individuals across a wide demographic array, especially those who might not otherwise have considered or had access to opportunities in STEM disciplines and professions.



## Elizabeth Rosenzweig

### Journal Publication:

Rosenzweig, E. A., Smolen, E. R., Hartmann, M. C., Powell, B., & Alruwaili, T. (2023). Adoption of children with hearing loss: A qualitative study of parents' experiences. *Journal of Deaf Studies and Deaf Education*, enad032, 1-10.  
<https://doi.org/10.1093/deafed/enad032>

### Grant:

- SEP 325R: Launch Pad: Received a \$1.25M for LAUNCH PAD: Language Achievement for Underserved Neighborhood Children: Preparing a Diverse Speech-Language Pathology Workforce, which will fund master's students in the Communication Sciences and Disorders program who commit to serve diverse language learners in Harlem's District 4.(Along with Panagiota Tampakis)
- Along with Maria Hartmann (HAEP) and Elaine Smolen, Dr. Rosenzweig was awarded \$1.25M from the US DOE Office of Special Education Programs to fund the COACH project, which will provide interdisciplinary preparation for teachers of the deaf and speech-language pathologists.



## Elaine Smolen

### Grant:

Along with Maria Hartmann (HAEP) and Elizabeth Rosenzweig (BBS), Dr. Smolen was awarded \$1.25M from the US DOE Office of Special Education Programs to fund the COACH project, which will provide interdisciplinary preparation for teachers of the deaf and speech-language pathologists.

### Journal Publication:

Smolen, E. R., & Paul, P. V. (2023). Perspectives on identity and d/Deaf and hard-of-hearing students. *Education Sciences*, 13(8), 782.  
<https://doi.org/10.3390/educsci13080782>



## Gita Steiner-Khamsi

### Keynote Presentation:

Keynote presentation at the Annual Conference of the Educational Research Association of Iceland

- “The use and abuse of research evidence for policy and planning in education.” The conference was attended by approx. 300 education researchers.  
<https://www.tc.columbia.edu/international-and-transcultural-studies/international-and-comparative-education/our-stories/news-stories/gsk-keynote-in-iceland/>



## Amina Tawasil

### Grant Exhibit:

“Documenting Transformation: Ethnographic Fieldwork at Teachers College”

- Thanks to the Office for Diversity and Community Affairs, I was awarded a small grant to curate an exhibit on fieldwork materials from ethnographic fieldwork conducted at Teachers College by both faculty and students. The exhibit became part of the 4th Biennial Anthropology & Education Conference at Teachers College.  
[https://www.instagram.com/reel/CyozYhjLj8s/?utm\\_source=ig\\_web\\_copy\\_link&igshid=MzRIODBiNWFIZA==](https://www.instagram.com/reel/CyozYhjLj8s/?utm_source=ig_web_copy_link&igshid=MzRIODBiNWFIZA==)

### Conference Presentation:

“Documenting Trans The Figured World of Fieldwork Under Surveillance in the Islamic Republic of Iran

- 4th Biennial Anthropology & Education Conference: Anthropology for Education, Teachers College, Columbia University



## Dan Tomasulo

### Book Publication:

Character Strengths and Abilities Within Disabilities : Advances in Science and Practice

- Examines character strengths as the backbone for strengths-based approaches. Discusses assessment, correlations, concepts, and applications of character strengths for disability. Synthesizes disparate research and lesser-known best practices. Part of the book series: Positive Psychology and Disability Series (POPD)  
<https://link.springer.com/book/10.1007/978-3-031-36294-1>



## Lalitha Vasudevan

### Public Communication:

Guest on an educational podcast

- Prof. Haeny Yoon and I were guests on The Classroom Podcast, hosted by Jennifer Serravallo. We discuss play and literacy in the lives of children and adolescents.

<https://podcasts.apple.com/us/podcast/22-dr-haeny-yoon-and-dr-lalitha-vasudevan/id1671184358?i=1000631424651>

### Book Publication:

Collaborative Research in Theory and Practice: The Poetics of Letting Go

- Paperback publication of a co-authored book (with Kate Pahl and Richard Steadman-Jones) on collaborative research in community-based settings, in the US and UK.

<https://bristoluniversitypress.co.uk/collaborative-research-in-theory-and-practice>