

## Grace Pai, Ph.D.

65-30 Kissena Blvd. Powdermaker Hall (Room 054C), Flushing, NY 11367

Office: 718-997-5312 | Email: [grace.pai@qc.cuny.edu](mailto:grace.pai@qc.cuny.edu)

Website: [gracepai.commons.gc.cuny.edu](http://gracepai.commons.gc.cuny.edu) | [linkedin.com/in/gpai](https://www.linkedin.com/in/gpai)

 <https://orcid.org/0000-0002-2677-8801>

### ACADEMIC APPOINTMENTS

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- 2025 – present      **Associate Professor of Elementary and Early Childhood Education (Mathematics)**, Queens College – City University of New York
- 2022 – 2025        **Assistant Professor of Elementary and Early Childhood Education (Mathematics)**, Queens College – City University of New York
- 2017 – 2022        **Assistant Professor of Interdisciplinary Studies & Mathematics**, Guttman Community College – City University of New York

### OTHER AFFILIATIONS

- 2026                      Visiting US Fulbright Scholar, National Taipei University of Education

### EDUCATION

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- 2016                      **Ph.D. in International Education & Development**, New York University  
Concentration: Applied Statistics  
Dissertation: *Universalizing Primary Education in Sierra Leone: Promises and Pitfalls on the Path to Equity*
- 2010                      **M. Ed. in Secondary School Mathematics**, Brooklyn College
- 2007                      **Ed. M. in Human Development and Education** (School Counseling strand), Harvard Graduate School of Education
- 2003                      **B.S. in Management and International Business with a minor in Psychology**, New York University Stern School of Business

### TEACHING EXPERIENCE

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- 2022 – present        **Associate/Assistant Professor**, Queens College (CUNY)  
EECE 350: Teaching Mathematics in the Elementary School  
EECE 550: Mathematics in the Elementary School  
EECE 220: Modern Learning Technologies  
EECE 750: Learning and Technology in Early Childhood and Childhood

- 2017 – 2022      **Assistant Professor**, Guttman Community College (CUNY)  
 MATH 103A: Statistics A  
 MATH 103B: Statistics B  
 MATH 103: Statistics  
 MATH 120: College Algebra & Trigonometry  
 MATH 120.5: College Algebra & Trigonometry (w/co-requisite lab)  
 LASC 102: City Seminar (First Year Experience)  
 AMST 103: Introduction to Social Justice  
 AMST 203: Civic Engagement in a Global Society
- 2016              **Adjunct Lecturer**, Guttman Community College (CUNY)  
 MATH 103A: Statistics A
- 2012 - 2015      **Adjunct Instructor/Teaching Assistant**, New York University  
 INTE-GE 2008: Quantitative Methods in International Education  
 INT-GE 2803: Foundations in International Education  
 INT-GE 2025: Comparative Education  
 PHED-UE 10: Learning and the Meaning of Life
- 2008 - 2010      **Math teacher/New York City Teaching Fellow**, New York City  
 Department of Education (High School for Language and Diplomacy and  
 West Brooklyn Community High School)

## OTHER PROFESSIONAL EXPERIENCE

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- 2017 - present   **Research Consultant & Senior Quantitative Analyst**, Program evaluation, quantitative analysis, and statistical consulting for educational organizations
- Organizations include: Columbia University’s Center for Public Research and Leadership, Bloomberg Philanthropy, New York City Department of Education, Sponsors for Educational Opportunity (SEO), Per Scholas
  - Projects include: Summative impact evaluation of Summer Boost program for over 16,000 K-8 students; Formative evaluation of remote IT education; Multilevel modeling and cluster analysis of what profiles of students succeed and graduate; Designing impact evaluation aligned to theory of change
- 2016 - 2017      **Senior Research Associate**, New York City Department of Education
- 2014 - 2016      **Research Manager**, College Access: Research and Action (CARA) at the CUNY Graduate Center
- 2013 - 2014      **Rapporteur**, UNICEF New York
- 2013              **Program Officer**, Multinational Institute of American Studies at New York University
- 2012              **Summer Fellow**, University of Southern California (through Education Pioneers)
- 2011 - 2012      **Research Assistant**, Institute for Education and Social Policy at New York University

- 2010 - 2011 **Mathematics Teacher Development Specialist**, South Africa Eastern Cape Department of Education (through Peace Corps Response)
- 2007 - 2008 **Program Coordinator for court-involved youth**, exalt youth, Brooklyn, NY
- 2006 - 2007 **Counseling Intern**, Cambridgeport School, MA
- 2005 - 2006 **K-12 Substitute Teacher**, Monrovia & Arcadia Unified School District in Los Angeles County
- 2005 - 2006 **Afterschool Instructor**, Wilson IB Middle School in Pasadena, CA
- 2003 - 2005 **English Teacher/Peace Corps Volunteer**, US Peace Corps in Bangladesh

## **PUBLICATIONS**

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### **BOOKS**

**Pai, G.** *Leave no one behind? Education for all through the eyes of out-of-school children in Sierra Leone.* (In contract with Rutgers University Press; manuscript in review)

### **PEER-REVIEWED ARTICLES AND BOOK CHAPTERS**

Akiba, D., & **Pai, G.** (2026). Beyond Traditional Mentoring: Professional Playdates for Non-Traditional Junior Faculty. In M. Rana & S. Bennett (Eds.). *Mentoring Relationships in Academia: Narratives from the Margins* (pp. 249–264). Springer Nature Switzerland. [https://doi.org/10.1007/978-3-032-15685-3\\_21](https://doi.org/10.1007/978-3-032-15685-3_21)

**Pai, G.,** & Perrone, M. (2025). Applying computational thinking to support elementary pre-service teachers' mathematical problem posing. In Farenga, S., Ness, D., & Garafalo, S. (Eds.), *International Handbook of Research on STEAM Curriculum and Praxis* (pp. 345-364). NY: Routledge. <https://doi.org/10.4324/9781003435488>

**Pai, G.,** Perrone, M, & Negron, A. (2025). Developing pre-service teachers' understanding of mathematical practices through computational thinking. *Connections*, 34(4). <https://amte.net/connections/2025/06/developing-pre-service-teachers%E2%80%99-understanding-mathematical-practices-through>

**Pai, G.** (2025). Hidden inequities in universalising primary education in rural Sierra Leone. *Compare: A Journal of Comparative and International Education*, 55(7), 1149-1166. <https://doi.org/10.1080/03057925.2024.2370299>

**Pai, G.** (2025). Elementary teachers' experiences of implementing culturally responsive and inclusive education in New York state. *Education Sciences*, 15(1), 89. <https://doi.org/10.3390/educsci15010089>

**Pai, G.** (2025). Expanding primary school completion through culturally responsive and sustaining education: Evidence from a historical project in Sierra Leone. *International Journal of Educational Development*, 112, 103191. <https://doi.org/10.1016/j.ijedudev.2024.103191>

Colonnese, M., Sapkota, B., Lee, C., Bondurant, L., Benoit, G., **Pai, G.**, Howell, H., & Barno, E. (2024). Exploring simulations in mathematics teacher education. *Connections*, 34(2).

<https://amte.net/connections/2024/12/exploring-simulations-mathematics-teacher-education>

**Pai, G.**, Silberberg, E., & Wamba, N. (2024). Alternative pedagogies to advance equity in undergraduate STEM courses: A systematic review of research. *Journal for STEM Education Research*, 1-24. <https://doi.org/10.1007/s41979-024-00127-y>

**Pai, G.** (2024). Using formative assessment and feedback from student response systems (SRS) to revise statistics instruction and promote student growth for all. *Journal of Statistics and Data Science Education*, 33(1), 16-25. <https://doi.org/10.1080/26939169.2024.2321241>

Kim, J., **Pai, G.**, & Abu Yahya, S. (2023). An online global learning activity to enhance underrepresented community college STEM students' career competencies and chemistry engagement: Water testing in New York City and Jordan. *Journal of Chemical Education*, 101(1), 197–204. <https://doi.org/10.1021/acs.jchemed.3c00783>

**Pai, G.** & De Feo, M. (2023). Characteristics of effective postsecondary advising: How often to meet and what to focus on. *Journal of College Access*, 8(1), 28-45.

<https://scholarworks.wmich.edu/jca/vol8/iss1/4/>

McCallen, L.S., Yazdani, N., **Pai, G.**, Bloom, J., Chajet, L. & Fine, M. (2023). How a community engagement model of near-peer counseling impacts student mentors' college outcomes. *Journal of Higher Education Outreach and Engagement*, 27(2), 31-46.

<https://openjournals.libs.uga.edu/jheoe/article/view/2957/2944>

**Pai, G.**, Corby, J., Kras, N., Podlucka, D., & Yamamura, M. (2023). The dialectic transformation of teaching and learning in community colleges through ungrading. *Zeal: A Journal for the Liberal Arts*, 1(2), 117-126.

**Pai, G.** (2023). Beyond demographic identifiers and classification: A search for alternative approaches to quantitatively evaluating educational equity. *Current Issues in Comparative Education*, 25(1), 121-126. <https://doi.org/10.52214/cice.v25i1.10248>

**Pai, G.** (2022). “I am a wicked somebody”: The experience of not going to school in a schooled society. In Monkman, K. & Frkovich, A. (Eds.), *Belonging in Globalized Educational Contexts: Identity amidst Global, Transnational, and Neoliberal Dynamics* (pp. 167-182). Routledge.

**Pai, G.** (2021). Designing a culturally relevant statistics assignment on z-scores. *MathAMATYC Educator*, 12(2), 20-23.

**Pai, G.**, & Wilson, K. (2019). Developing a culturally responsive assessment model for short-term study abroad at an urban community college. *Journal on Excellence in College Teaching*, 30(4), 157-186.

**Pai, G.** (2016). Reconstructing education in post-conflict Sierra Leone. In Izarali, M. R., Masakure, O., & Shizha, E. (Eds.), *Security, Education, and Development in Contemporary Africa* (pp. 201-215). Routledge.

**Pai, G.** (2013). Particularizing universal education in postcolonial Sierra Leone. *Current Issues in Comparative Education*, 16(1), 62-73.

### **PEER-REVIEWED CONFERENCE PAPERS**

**Pai, G.** Exploring elementary teachers' implementation of culturally responsive mathematics teaching practices. In *Proceedings of the 47th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 125-131). State College, Pennsylvania. October 28, 2025. <http://www.pmena.org/pmenaproceedings/PMENA%2047%202025%20Proceedings.pdf>

**Pai, G., & Perrone, M.** *Applying computational thinking to support elementary pre-service teachers' Mathematical problem posing*. Paper presentation at AERA Annual Meeting in Denver. April 27, 2025. <https://doi.org/10.3102/2182028>

**Pai, G., & De Feo, M.** *Quality and quantity of postsecondary advising in predicting college-going plans*. Paper presentation at AERA Annual Meeting. April 2020. <https://doi.org/10.3102/1585674>

### **POLICY REPORTS, OP-EDS, AND MEDIA**

“Rethinking the Rules of Learning.” Featured profile in *Queens College School of Education Newsletter*, Winter/Spring 2026, Issue 11.

Video appearance in “Why transfer to Queens College?” Youtube video. November 2025. <https://www.youtube.com/watch?v=LzSua1i7vhE>

Miller J., Killos, L., Cowan, J., Moore., K, Dunn, L., Corwin, E., & **Pai, G.** (October 2022). [Clear Connections: Lessons Learned from a Formative Evaluation of Remote Learning at Per Scholas, 2020-2021.](#) (pp. 1-12).

**Pai, G.** (April 30, 2021). [I am Asian and I am angry at higher education.](#) *Inside Higher Ed.*

“Dr. Grace Pai Talks about Culturally-Relevant Courses at Guttman.” YouTube video, Guttman Community College, September 2020. <https://www.youtube.com/watch?v=KT23rRyfi3M>

**Pai, G.** (June 26, 2020). [All people of color should fight anti-blackness.](#) *New York Daily News.*

**Pai, G.** (March 6, 2020). NPR/Academic Minute: [Out-of-School Children in Sub-Saharan Africa](#)

**Pai, G.** (2019). [Promoting safety and wellness while abroad through continuous reflection and peer education.](#) *The Global Impact Exchange: A Quarterly Publication of Diversity Abroad*, Summer 2019 issue, 15-18.

Corcoran, S.P., & **Pai, G.** (2013). *Unlocking New York City's High School Progress Report*. New Visions for Public Schools. <https://files.eric.ed.gov/fulltext/ED611362.pdf>

**CURRICULUM MATERIALS**

Contributor. (2025). *Global Scholars Achieving Career Success: Virtual Exchange Program Guide*. CUNY Academic Commons. <https://files.commonsc.gc.cuny.edu/wp-content/blogs.dir/28556/files/2025/01/GSACS-Faculty-Guide-OER.pdf>

Kim, J., & **Pai, G.** (April 2022). Applied Mathematics in Introductory Chemistry. OER CUNY Academic Works. (pp. 1-21). [https://academicworks.cuny.edu/nc\\_oers/27](https://academicworks.cuny.edu/nc_oers/27)

**WORK IN REVIEW**

**Pai, G.** Deepening culturally responsive mathematics education: Moving beyond adding ethnic names and foods to word problems. [Submitted May 2026 to Association of Mathematics Teachers of New York State's *The New York State Mathematics Teachers' Journal*.]

**WORK IN PROGRESS**

Lai, C.L., & **Pai, G.** From AI literacy to AI fluency across pre-service and in-service teaching: Policies, perceptions, and practices. In Chen, C.C., & Tu, Y.F. (Eds.), *Digital Humanities Education: Theory, Practice, and Challenges in the AI Era*. Springer.

**Pai, G.** Urban-Rural Divides in Culturally Responsive Math Education: A Comparative Analysis of Teachers' Perceptions and Practices.

**FUNDED GRANTS/FELLOWSHIPS**

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|---------|--|
| 2025-26 | Queens College Research Enhancement Award for “Exploring culturally responsive math teaching in Taiwan” (PI, \$2,000)  |
| 2025-26 | US Fulbright Scholar research award for “Examining culturally responsive teaching in the math instruction of indigenous children in Taiwan”  |
| 2025-26 | CUNY Book Completion Award for <i>Leave no one behind? Education for all through the eyes of out-of-school children in Sierra Leone</i> (PI, \$7,500)  |
| 2025-26 | PSC CUNY Traditional B Grant for book completion project for <i>Leave no one behind? Education for all through the eyes of out-of-school children in Sierra Leone</i> (PI, \$5,985)                        |
| 2024-25 | CUNY Junior Faculty Research Award in Science and Engineering Award, “Exploring the cultivation of elementary students’ mathematical practices and identity through computational thinking” (PI, \$40,005) |
| 2024-25 | Queens College Research Enhancement Award (PI, \$3,800)  |

- 2024-25 CUNY Computing Integrated Teacher Education (CITE) Research Grant – Large Project for “Developing elementary pre-service teachers' ability to implement high-quality mathematics instruction through computational thinking” (PI, \$30,667)
- 2023-24 PSC CUNY Traditional B Grant for “Elementary teachers’ attitudes towards culturally responsive sustaining mathematics education in New York” (PI, \$5,980)
- 2023 CUNY Computing Integrated Teacher Education (CITE) Summer Professional Development Grant (PI, \$8,000)
- 2021-23 Stevens Initiative scaling grant for “Global Scholars Achieving Career Success” virtual exchange project, US State Department funded and administered by Aspen Institute (Co-PI, \$800,000)
- 2021-22 Andrew W. Mellon Transformative Learning in the Humanities Faculty Fellowship (\$1,800)
- 2021 Phi Theta Kappa Collaborative Project NY Region mini grant (\$150)
- 2020 CUNY Faculty Fellowship Publication Program (FFPP) Fellowship (course release)
- 2020 Phi Theta Kappa Honors in Action Grant funded by Mellon Foundation (\$1,000)
- 2019 PSC CUNY Traditional A Grant for “Practicing what we preach: Using SRS formative assessment to revise instructor practices in teaching developmental mathematics students” (PI, \$3,500)
- 2015 AERA Minority Dissertation Fellowship in Education Research (\$20,000)
- 2015 Comparative and International Education Society (CIES) New Scholars Fellow
- 2013 Steinhardt Doctoral Student Travel Grant (\$1,000)
- 2012 Education Pioneers Summer Fellowship (\$7,200)
- 2011-15 New York University Steinhardt Fellowship (\$23,000 for 4 years)
- 2006 Harvard Graduate School of Education (HGSE) grant (\$7,000)

## **HONORS AND AWARDS**

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- 2026 Selected participant of AmplifyLearn.AI EPP Collaboratory (competitive cohort on GenAI Use in Teacher Preparation Programs), University of Washington
- 2025 City University of New York (CUNY) Critical AI Literacy (CALI) Faculty Fellow
- 2025 Queens College Excellence in Teaching Award nominee

- 2024 Queens College Collaborative Online International Learning (COIL) Faculty Fellow
- 2023 Association of Mathematics Teacher Educators (AMTE) early career BIPOC mentee
- 2022 Andrew W. Mellon Transformative Learning in the Humanities Pedagogy Co-Leader
- 2021 Margie Hobbs Award from American Mathematics Association of Two-Year Colleges
- 2019 President’s Award for Community Engagement, Guttman Community College
- 2019 William Stewart Travel Award, CUNY Academy of Arts and Sciences
- 2016 NYU Steinhardt Outstanding Dissertation Award nominee
- 2015 CIES New Scholars Travel Merit Award
- 2013 Strong Pass for Doctoral Qualifying Exam
- 2003 NYU Beta Gamma Sigma Civic Service Award

## **PROFESSIONAL DEVELOPMENT (FACILITATED)**\_\_\_\_\_

*Transformative Learning in the Humanities.* Pedagogy Co-Leader of seminar series on active learning, anti-racist teaching, and innovative pedagogy for faculty across CUNY. Fall 2022.

*Building an International Environment for Collaborative Learning.* Co-facilitated workshop session in Pedagogy of Kindness series hosted by Queens College’s Center for Teaching and Learning. March 11, 2022.

*Global Scholars Achieving Career Success (GSACS) 2021, 2022, 2023 Institute.* Developer and co-facilitator of 5-day institute to train 120 faculty to implement virtual exchanges in their courses.

*Globalizing Curriculums with Data: COIL Energizes the Learning Environment.* Co-facilitator of American Mathematical Association of Two-Year Colleges webinar. March 24, 2021.

*Culturally Relevant Pedagogy.* Facilitator of two-part workshop for Bergen County Academy High School, New Jersey. March 12 and May 21, 2021.

*Collaborative Online International Learning (COIL): Building Your Partner Profile.* Facilitator for CUNY Innovative Teaching Academy. February 22, 2021.

*COIL 101.* Facilitator for CUNY Online Teaching Essentials webinar. November 13, 2020.

*Introduction to COIL.* Facilitator of CUNY School of Professional Studies’ online webinar series on Online Teaching Essentials (OTE). July 2020.

## CONFERENCE PRESENTATIONS

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\* = undergraduate student

Pai, G. *Beyond just Numbers: Culturally Responsive Math in the Taiwanese Classroom*. Poster presentation at Fulbright 80 Freedom 250 event. Taipei, Taiwan. June 12, 20256.

**Pai, G.**, Perrone, M., Ossa Parra, M. *From Policy to Practice: Implementing New York's Culturally Responsive Sustaining Education Framework Across the Continuum of Teacher Preparation*. NYSATE & NYACTE Annual Conference. Saratoga Springs, NY. October 29, 2025.

Colonnese, M., **Pai, G.**, Bondurant, L., Lee, C., Howell, H., Sapkota, B., & Young, J. *Rehearsals, simulations, and scenarios: Exploring practice-based experiences in mathematics teacher education*. Association of Mathematics Teacher Educators Annual Conference. Reno, NV. February 8, 2025.

**Pai, G.**, & Perrone, M. *Applying computational thinking to teaching elementary mathematics in pre-service field placements*. CUNY Computing Integrated Teacher Education Annual CITE Research Fair. Virtual. July 30, 2024.

Pai, G. *Culturally Responsive Approaches to Quantitatively Evaluate Educational Equity*. Comparative and International Education Society Annual Conference. Miami, FL. March 12, 2024.

Kesler, T., Fraboni, M., & Pai, G. *Our ungrading journey: Connecting students to their own learning*. Center for Expansion of Language and Thinking Mini-Rejuvenation Virtual Conference. June 24, 2023.

Pai, G. *Translating practice back into research: Making the Scholarship of Teaching and Learning (SOTL) consequential through an example of ungrading the classroom*. (symposium presentation) AERA Annual Meeting in Chicago. April 15, 2023.

Pai, G., Corby, J., Kras, N., Podlucka, D., & Yamamura, M. *Empowered teaching and learning through ungrading: The community college experience*. CUNY conference on Scholarship of Teaching and Learning (SOTL). October 12, 2022.

Pai, G. *Book launch: Belonging in changing educational spaces negotiating global, transnational, and neoliberal dynamics*. Book talk at Comparative and International Education Society Annual Conference. Minneapolis, MN. April 22, 2022.

Aksakalova, O., Withanachi, S., Ramson, A., & **Pai, G.** *Global Scholars Achieving Career Success: Facilitating career readiness in a multinational virtual exchange program*. Presentation at NACE 2022 Competency Symposium. March 29, 2022.

Pai, G. *Relevant to whom? Designing culturally responsive mathematics assignments*. Presentation at the American Mathematics Association of Two-Year Colleges. November 2021.

**Pai, G.**, Liriano-Gonzalez, K., Almonte, L.,\* Majeed, S.,\* & McGuire, S.\* *Amplifying Student Voices: From passive learners to active knowledge producers*. \*Presented with 3 student leaders from Phi Theta Kappa Honor Society at CUNY Faculty Diversity and Inclusion Conference. April 16, 2021.

Pai, G., Ramson, A., & Aksakalova, O. *Collaborative Online International Learning: An innovative pedagogy to connect and build global community*. Presentation at the Bronx Edtech Conference (virtual). May 7, 2021.

Pai, G. *Global experiential learning in statistics through virtual exchange/COIL*. Presentation at Guttman Faculty Teaching Showcase. February 23, 2021.

Fuller, K., Ziehmke, N., Pai, G. & Kim, J. *Improving STEM success through engagement*. Presentation at AAC&U 2021 Annual Meeting (virtual). January 19, 2021.

Pai, G. *Beyond education abroad: Embedding global learning through student and faculty participation*. Presentation at AAC&U 2020 Conference on Global Learning. October 2020.

Pai, G. *What's Foucault got to do with it?* Presentation at the CIEE Conference. New York. November 2019.

Pai, G. *Education for All: Through the eyes of those out-of-school in rural Sierra Leone*. Paper presentation at the Comparative and International Education Society Conference. San Francisco, CA. April 2019.

Pai, G. *Practicing what we preach: Using SRS formative assessment to revise instructor practices in teaching developmental mathematics students*. Paper presentation at the Original Lilly Conference on College Teaching. Oxford, OH. November 2018.

Pai, G. *"I'm a wicked somebody": The problematization and stigmatization of not going to school in rural Sierra Leone*. Poster presentation at the American Education Research Association (AERA) Annual conference. Washington, DC. April 2016.

Pai, G. *Universalizing primary education: Through the eyes of those out-of-school in contemporary Sierra Leone*. Paper presentation at the African Studies Association Annual Conference. San Diego. November 2015.

Pai, G. *Rethinking global justice and human rights*. Presentation at the Global Kids Youth Conference. New York. April 2015.

Pai, G. *The Bunumbu Project revisited: The effects of a historical rural education project in Sierra Leone*. Paper presentation at the Research and Scholarship Showcase. New York University. April 2015.

Pai, G. *Historical barriers to universalizing education in Sierra Leone*. Paper presentation at the Comparative and International Education Society Annual Conference. Washington, DC. March 2015.

Pai, G. *Universalizing education in Sierra Leone: A comparative study of the past and present*. Paper presentation at the Comparative & International Education Society Annual Conference. New Orleans. March 2013.

Pai, G. *Mathematics teacher development in South Africa: Practical lessons learned*. Presentation at the Seventh Annual International Education Conference at New York University Steinhardt. New York. March 2012.

## INVITED TALKS

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*Making math relevant: Culturally responsive math teaching in Taiwan's Indigenous Elementary Schools.* Invited presentation at the Fulbright Taiwan Final Presentation series. Taipei, Taiwan. June 16, 2026.

*Conducting research in the US.* Invited presentation at the Fulbright Grantees Pre-Departure Orientation. Taipei International Convention Center. June 12, 2026.

*Voices from the elementary classroom: How US teachers bridge culture and curriculum.* Invited public lecture at the National Taipei University of Education. Taipei, Taiwan. May 20, 2026.

*When education connects to students' lives: What culturally responsive teaching looks like.* Invited guest lecture at National Taipei University of Education. Taipei, Taiwan. May 19, 2026.

*Computational thinking and mathematics education.* Invited talk at the Life Science and Technology Subject Center of the Ministry of Education. National Hualien Senior High School. Hualien, Taiwan. April 16, 2026.

*Problem solvers wanted: Integrating STEM education.* Invited guest lecture for international graduate student seminar at National Taipei University of Education. Taipei, Taiwan. April 14, 2026.

*Elementary teachers' attitudes towards culturally responsive sustaining mathematics education in New York.* Invited speaker at PSC-CUNY Equity and Advocacy in Education Research. October 17, 2025.

*Examining practice-based experiences in mathematics teacher education: Rehearsals, simulations, and scenarios.* Invited panelist with Barno, E., Bondurant, L., Colonnese, M., Howell, H., & Sapkota, B. at Mathematics and Statistics Education Group (MSEG), Utah State University. January 8, 2025.

*The pandemic and higher education.* Panelist at US State Department funded Multinational Institute of American Studies' event for visiting international scholars, New York University. July 7, 2022.

*Speaking up for AAPI: A roundtable.* Invited panelist at roundtable hosted by Hostos Community College with US Congresswoman Grace Meng and NY State Senator John Liu. May 26, 2021.

*COIL engagement between LI/NYC and the world: From building to expanding in the classroom.* Invited panelist at SUNY CUNY Roundtable COIL discussions. May 21, 2021.

*Teaching about Africa through Timbuktu.* Moderator at talk hosted by University of Wisconsin-Madison's Institute for Regional and International Studies (IRIS) and African Studies Program. November 2020.

*Conducting applied social science research to study education.* Invited guest lecturer at a Science Colloquium at SUNY Empire State College. New York. October 2019.

*Conducting education research in Sierra Leone.* Invited guest lecture at SUNY Empire State College. New York. April 2019.

*Particularizing universal education in Sierra Leone.* Guest lecture for Globalization and Education undergraduate course at New York University. New York. February 2016.

*Conducting qualitative observations.* Guest lecture for *Introduction to qualitative analysis*. Master's level course at New York University. New York. October 2015.

*Teachers in South Africa: A day in the life film screening and panel.* Invited panelist at International Education Week. New York University. New York. November 21, 2014.

## **SERVICE**

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### **SERVICE TO THE UNIVERSITY (CUNY)**

- 2025-2027 Co-chair of CUNY University Advisory Council on Diversity
- 2023-2025 University Faculty Senate Inclusion, Diversity, Equity & Access Committee Secretary
- 2023 Computing Integrated Teacher Education (CITE) faculty participant
- 2022-present University Advisory Council on Diversity member (appointed)
- 2022-23 University Faculty Senate (UFS) Executive Committee member (elected)
- 2021-28 University Faculty Senate (UFS) Senator (elected)
- 2019-present CUNY Budget Advisory Committee member
- 2019-2022 CUNY COIL (Collaborative Online International Learning) Working Group
- 2018-2022 CUNY International Education Council member

### **SERVICE AT QUEENS COLLEGE**

- 2026-2027 Faculty Co-lead of School of Education EPP Strategic Planning (Strand 3 on Assessment System Coherence)
- 2025-2030 Personnel & Budget Committee member for EECE department
- 2023-present School of Education Dean's Advisory Board
- 2023-2025 Howard Hughes Medical Institute Inclusive Excellence (HHMI IE3) Advisory Board
- 2023 Queens College Teacher Portfolio Assessment (QCTPA) expert review panelist
- 2022-present Undergraduate program committee member & student advisor for EECE dept.
- 2022-24 Queens College Academic Senate (Alternate)

2022-23 Search committee member for tenure-track faculty in Elementary and Early Childhood Education & Associate Director of Asian American/Asian Research Institute (AAARI)

### **SELECTED PAST SERVICE AT GUTTMAN COMMUNITY COLLEGE**

2018-22 Faculty Coordinator/Director of International and Experiential Education

2019-22 Advisor of Phi Theta Kappa Honors Society

2019-22 Assessment and Learning Committee

2018-22 Strategic Planning and Budgeting Committee

2018-22 College Council

2019-22 Faculty Personnel Committee

### **PROFESSIONAL SERVICE**

2026 Fulbright Taiwan US Student Program Selection Committee

2023-present Association of Mathematics Teacher Educator Simulations Community Circle member

2020-2022 American Mathematical Association of Two-Year Colleges, International Mathematics ANet representative & Globalizing the Curriculum sub-committee co-chair

2019-20 Judge at the New York City Science Fair

2012 Co-Coordinator of the 7th Annual International Education Conference at New York University Steinhardt

### **JOURNAL REVIEW:**

Journal of Statistics and Data Science Education  
Journal for STEM Education Research  
Review of Education  
Education Sciences

### **GRANT REVIEW:**

CUNY Book Completion Award

### **CONFERENCE PROPOSAL REVIEW:**

American Educational Research Association (2026)  
Association of Mathematics Teacher Education (2026)  
Comparative and International Education Society (2019-present)

## **STUDENT MENTORING**

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### **DOCTORAL DISSERTATION COMMITTEE MEMBER**

Dilrabo Dina Kenkes, Long Island University. (2025-current): “Teacher awareness, perspectives, and implementation of culturally responsive-sustaining education: Exploring educational decision-making for English Language Learners”

## **PROFESSIONAL AFFILIATIONS**

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### **PROFESSIONAL ORGANIZATIONS**

National Council of Teaching Mathematics (NCTM)  
Association of Mathematics Teachers Educators (AMTE)  
PME-NA (North American Chapter of the International Group for the Psychology of Mathematics Education)  
American Education Research Association (AERA)  
Comparative and International Education Society member (CIES)  
National Association for the Education of Young Children (NAEYC)

### **CIVIC ORGANIZATIONS**

PS20M PTA, founding Treasurer/Chief Financial Officer of 501c(3) non-profit PTA organization for PS20 Elementary School, a Title 1 school in NYC’s Lower East Side  
PS20M Elementary School, School Leadership Team member

## **CERTIFICATION AND PROFESSIONAL DEVELOPMENT**

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New York Transitional B Certificate in Mathematics Grade 5 – 9  
CUNY Kognito At-Risk Mental Health for Faculty and Staff certificate  
CUNY Assessment 101 certificate  
CUNY Mindset Motivating Learners course  
CUNY Computing Integrated Teacher Education (CITE)

## **LANGUAGES**

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Mandarin Chinese (fluent in speaking); Bangla (basic oral and reading); Spanish (beginner oral and reading)