

# FELICIA MOORE MENSAH, PH.D.

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## EDUCATION

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### **Florida State University, Tallahassee, FL**

Doctor of Philosophy, Curriculum and Instruction- Science Education (May 2003)

- Dissertation: *Professional Development and Poststructural Analysis: Stories of African American Science Teachers*, Dissertation Abstracts International (UMI Number: 3109518)

### **North Carolina Agricultural and Technical State University, Greensboro, NC**

Master of Science, Biology and Secondary Education (May 1992)

### **University of North Carolina, Chapel Hill, NC**

Bachelor of Science, Biology (August 1988)

## LEADERSHIP & ADMINISTRATION EXPERIENCE

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### **Teachers College, Columbia University, New York, NY**

#### **Office of the Provost & Dean of the College**

- Inaugural Position: Associate Dean (September 2016-August 2019, 3-year appointment)
- Senior Advisor to the Provost (September 2015-September 2016, 1-year appointment)

#### **Department of Mathematics, Science & Technology**

- Department Chair (September 2021-currently)
- Vice Chair (September 2019-September 2021, 2-year appointment)
- Program Director, Teachers College & Columbia University College of Dental Medicine, Dental Education Program (January 2019-currently)
- Program Coordinator/Director, Science Education Program (August 2010-January 2016; second term, September 2021-currently)
- Urban Science Education Center, Co-director, Teachers College, Columbia University (2004-currently)

#### **Center for Innovation in Teacher Education and Development (CITED)**

- Founding Associate Director for CITED NYC with Kings College, London (January

2019- 2022, three-year partnership); Director (2021-2022)

## **FACULTY EXPERIENCE**

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### **Teachers College, Columbia University, New York, NY**

#### **Department of Mathematics, Science & Technology**

- Full Professor of Science Education (May 2015-currently)
- Associate Professor of Science Education (April 2010-2015)
- Assistant Professor of Science Education (August 2004-April 2010)
- Faculty Member-at-Large, Graduate School of Arts and Sciences, Columbia University (Spring 2007-currently)

### **Michigan State University, East Lansing, MI**

- Postdoctoral Fellow, Center for Curriculum Material in Science (June 2003-July 2007)
- Visiting Assistant Professor, Department of Teacher Education (June 2003-June 2004)

### **Florida State University, Tallahassee, FL**

Adjunct Faculty, Department of Middle & Secondary Education (August 2000-May 2003)

### **Brisbane Preparatory Math and Science Academy, Charlotte, NC**

After School Enrichment Program, Science Tutor, and Science Teacher (1997-1998)

### **Charlotte-Mecklenburg Public Schools, Charlotte, NC**

Science Teacher, Grades 9-12, Biology, Earth Science, and Physical Science (1994-1997)

## **LEADERSHIP DEVELOPMENT**

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### **HERS Institute Alumna, Bryn Mawr (Summer 2018)**

The HERS Institute is a competitively selected Leadership Development Institute for women in Higher Education. Since 1976, the curriculum covers general leadership principles, higher education trends, change management, budgets and financial statements, career planning, legal issues, inclusive excellence, and fundraising. Sessions are taught by professional practitioners and leaders in their fields, as well as campus administrators. Successful completion of a HERS Institute requires participants to have the support of their Institution administration, to complete a Capstone Leadership Project related to their role at the Institution, and to engage in introspection and skill development surrounding their own leadership roles and identity as a leader. As a HERS Institute Alumna, participants are connected to 5,000 alumnae across Higher Education Administration, Staff, and Faculty roles from across the U.S.

## **GRANTS: RESEARCH/ COLLABORATIVE TEAM RESEARCH PROJECTS**

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### ***Funded***

- 25 Creating Resources Uplifting Nutrition, Culture, and Health at Lunch (CRUNCH Lunch). NIH Science Education Partnership Award. Fall 2023-2028. Co-PI, \$1,245,044
- 24 Geeks Rule Foundation. Development of Biology Club Afterschool Curriculum for Grades 6-8. Fall 2021-Summer 2023. PI, \$57,000
- 23 Virtual STEAMnasium Summer Camp. Department of Mathematics, Science and Technology. Teachers College, Columbia University. Summer 2020. PI, \$20,000
- 22 STEAMnasium for Teacher Learning: A Research, Development, and Demonstration Project. Lounsbery Foundation. Research Lead. Fall 2018-Fall 2020. \$100,000
- 21 STEM Teaching Fellowship Program for K-12 STEM Teachers. Regeneron Pharmaceuticals, with Endeavor US Satellite. Summer 2019-Summer 2020. PI, \$21,400
- 20 Geeks Rule Foundation. Development of Urban STEM Curriculum for Grades 6-8. Fall 2017-Fall 2018. PI, \$40,000
- 19 Provost Investment Fund Grant. Initiating a Program of Research into the Education of Teacher Educators: Part 2: Content Specific Knowledge and Practices. Teachers College, Columbia University. Summer 2017-Summer 2018; Co-PI. \$20,000
- 18 Provost Investment Fund Grant. Faculty Engagement with Racial Trauma & Creating a More Responsive TC. Teachers College, Columbia University. Fall 2016-Summer 2018. Co-PI. \$20,000
- 17 National Science Foundation/University of Georgia. Exploring Racial Microaggression in Science Education. Fall 2017-Fall 2019. Co-PI. \$229,061
- 16 Provost Investment Fund Grant. Initiating a Program of Research into the Education of Teacher Educators. Teachers College, Columbia University. Summer 2015-Summer 2017; Co-PI. \$20,000
- 15 Dean's Fellowship Program for Teaching and Diversity. Race, Culture and Diversity Grant. Teachers College, Columbia University. Development of a first-year graduate-level seminar course. Fall 2015-Spring 2016. PI. \$15,000
- 14 Provost Investment Fund Grant. Leadership Initiative for Culturally Relevant and Responsive Education (CRRE). Teachers College, Columbia University. Fall 2013-Summer 2015; Co-PI, \$20,000
- 13 Teacher Education Investment Fund Grant. Teachers College, Columbia University. Exploratory Study of the Impact of Teacher Education in the Preparation of Secondary Science and Mathematics Teachers: Starting with JFEW Scholars. Spring 2013-Fall 2014; PI, \$10,750

- 12 Barnard College, Global Symposium & Teachers College Provost Fund & Departmental Funding, Mathematics, Science & Technology Funds. Women in Science Education Leveraging Knowledge across Global Contexts to Promote Gender Equity in Elementary Science Education: US, Brazil, and Argentina. Spring 2013-Fall 2015; PI, \$18,000
- 11 National Science Foundation (NSF, DRL-1258730). Sisters of the Academy Institute Intensive Grantsmanship Workshop (IGW). October 2012–September 2014; PI, \$44,936
- 10 Provost Investment Fund Grant. Teachers College, Columbia University. Enhancing the pedagogical preparation of doctoral students at Teachers College: A “course staff” model for teaching assistants. Spring 2012-Spring 2013; Co-PI, \$21,000
- 9 FEC Subcommittee on Race, Culture, and Diversity, Dean’s Fellowship Program for Teaching and Diversity Research Proposal. Teachers College, Columbia University. After school science and literacy project. Fall 2010-Spring 2011; PI, \$5,000
- 8 Nurture New York’s Nature, Urban Science Education Center. Teachers College, Columbia University. Co-Director of the Urban Science Education Center. Go Wild in NYC, Environmental science curriculum project for elementary and middle school teachers. Using Go Wild curriculum for preservice teacher/researcher projects in urban elementary classrooms. Fall 2006-Fall 2007; Co-PI, \$39,000
- 7 Race, Culture, and Diversity Teaching Fellowship Grant. Teachers College, Columbia University. “Who am I?": Exploring the development of a science teacher identity with elementary preservice teachers. Fall 2006-Spring 2007; PI, \$7,000
- 6 Dean's Non-Competitive Grant for Pre-Tenure and Non-Tenure Track Faculty. Teachers College, Columbia University. Draw-a-teacher, not: Preservice teachers’ drawings of the ideal teacher. Summer 2005; PI, \$2,500

***Not Funded***

- 5 Racial Equity in STEM Education: Online Learning for Scaling Equitable STEM Practices in Grow-Your-Own Teaching Programs. National Science Foundation. Co-PI, \$2,100,00. (Spring 2022)
- 4 Pathways to the Professoriate: Leveraging Culture, Community, and Connections for Underrepresented STEM Education Postdoctoral Fellows. National Science Foundation. Co-PI, \$1,250,000 (Spring 2022)
- 3 Creating Resources Uplifting Nutrition, Culture, and Health at Lunch (CRUNCH Lunch). NIH Science Education Partnership Award. Co-PI. \$1,245, 044 (Fall 2021)
- 2 Virtual STEAMnasium: Engaging K-12 Teachers and Students in Online Inquiry-based STEM Learning. Spencer Foundation COVID Grant. PI, \$49,594. (Summer

2020)

- 1 National Science Foundation. Culturally Relevant/Responsive Education (CRRE) in Science and Literacy Curriculum Project. Co-PI, \$70,000 (Summer 2018)

### **Funded Grants: Advisory Board Member**

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- 20 Collaborative Research: Identifying Systemic Racism in Mathematics Teacher Education: Building a Cross-Site Community with Preservice Teachers of Color ((NSF [#2314892](#), [#2314893](#), and [#2314894](#)). Advisory Board. October 1, 2023-September 30, 2028. \$1,377,708
- 19 A Team-Based Model for Co-Adapting Existing Middle-School Science Curricula for Culturally and Linguistically Diverse Learners. NSF. Division of Research on Learning. Advisory Board. July 15, 2023- June 30, 2027. \$2,068,306
- 18 Enhancing Pathways to a STEM Teaching Profession for Students from Minoritized Racial/Ethnic Groups. NSF. Division of Undergraduate Education. Advisory Board. October 1, 2023- September 30, 2026. \$581,978
- 17 Noyce Capacity Building Grant: Promoting Noticing for Equity and Equitable Science Teaching Practice through Video Analysis. Advisory Board. July 1, 2022- June 20, 2023. \$31,500
- 16 COVID Connects Us: Nurturing Novice Teachers' Justice Science Teaching (JuST) Identities. NSF DRK12. Advisory Board. July 1, 2021- June 30, 2024. \$1,492,218
- 15 Maryland Collaborative for Research in Urban STEM Education (MD-CRUSE). Advisory Board. Fall 2020-2023.
- 14 Investigating Effective STEM Teaching Through a Culturally Responsive Lens. NSF Robert Noyce Track 4. DUE Division of Undergraduate Education. Advisory Board. Fall 2020-2025. \$999,931
- 13 Bringing Investigation and Design to the Undergraduate Science Classroom to Prepare Future Teachers. Teaching with Investigation and Design in Science (TIDeS), Advisory Board. NSF DUE Division of Undergraduate Education. Fall 2020-2024. \$656,399
- 12 Teaching Science Outdoors: A Next Generation Approach for Advancing Elementary Science Teaching in Urban Communities. Advisory Board. NSF DRK12. Fall 2019-2024. \$1,061,722
- 11 Carver Teaching Initiative - Inspiring the Next Generation of STEM Teaching Professionals through Internships, Recruitment, and Engagement (INSPIRE). NOYCE. National Science Foundation. Research Evaluator. August 2018- July 2024; \$1,448,247
- 10 STEM Stories. Bridging Communities with Student STEM Stories: Culturally-Responsive Strategies for Motivating STEM Engagement in Diversifying Public

- Schools. Advisory Board. NSF. Division of Research on Learning. Fall 2018-2021. \$1,200,000
- 9 STEM+C Integrating Computational Making Practices in STEM Teaching Teacher Professional Development. National Science Foundation. Planning and Advisory Board. January 2018-2020.
- 8 National Science Foundation (NSF, EHR- 490106). Capacity Building Project to Advance Research on Girls' Math Identity: Improving STEM Learning and Broadening Participation. Planning and Advisory Board. March 2014-February 2017; \$299,589
- 7 U.S. Office of Innovation and Improvement: Teacher Quality Partnership Grants Program. Teaching Residents at Teachers College, TR@TC2. Consultant, Fall 2014-2017; \$7.5 million
- 6 Teacher Leadership Quality Program Grant. Teachers College, Columbia University, New York City Public Schools. Teacher professional development in science & mathematics (STEM) with elementary school teachers. Consultant, Researcher. Fall 2014-Spring 2014
- 5 Collaborative Inquiry within Curriculum Domains at PS/IS 180: A Cross-grade Discussion. PS 180, Bank Street, and Teachers College. Teacher professional development project for PK-6 cross-grade collaboration in science, math, social studies, and language arts. Consultant, Researcher. Fall 2007-Spring 2009
- 4 Teacher Leadership Quality Program Grant. Teachers College, Columbia University, Yonkers Public Schools. Teacher professional development in science & mathematics with elementary and middle school teachers. Facilitator. Fall 2007-Summer 2014
- 3 General Electric Foundation Harlem Schools Partnership. Teacher Professional Development in Science with Elementary School Teachers and Building Elementary School Science Programs. Office of School and Community Partnerships. Facilitator/Researcher. Fall 2008-Summer 2014
- 2 New York City Department of Education, Office of Equity and Access. Empowering Boys Initiative (EBI) Pilot Program, Black Male and Latino Initiative. Summer-Spring 2013; Consultant, \$200,000
- 1 TC Spencer Foundation Training Grant. Mental Models and School-based Learning of Science and Mathematics: A Multidisciplinary, Collaborative Approach to the Preparation of Doctoral Students in Education. Spring 2005-Fall 2007; Consultant, \$87,600

**Consultation & External Reviewer**

- 17 Five-year External Review Committee for the College of Education, University of Queensland, Australia. (May 2023). (Honorarium)

- 16 WestEd California Preschool Learning Foundations. Standards Reviewer Through the Lens of Equity. (March 2023-August 2023). (Honorarium)
- 15 McGraw-Hill Education. Elementary Science Textbook Division. Curriculum Writer & Culture Consultant. (September 2021-currently)
- Texas Textbook Writer, Grades K-5
  - Florida Textbook Writer, Grades K-5
- 14 Science and Engineering in Preschool Through Elementary Grades: The Brilliance of Children and the Strengths of Educators. ([PDF book](#)) National Academics. Advisory Panel Discussion (Summer 2021).
- 13 American Institutes for Research. Improving Elementary Science. Consultant/Content Specialist. (Fall 2020-Fall 2021). (Honorarium)
- 12 Five-year External Review Committee for the Curriculum and Instruction Department, University of Illinois at Chicago, for the Programs MEd in Science Education & PhD in Mathematics and Science Education. (October 26-27, 2017). (Honorarium)
- 11 Educational Testing Service, Invited Outside Item Writer and Reviewer, Elementary Science Education Content and Pedagogy. (October 2015). Stephen Horvath, Assessment Specialist. (Honorarium)
- 10 Five-year External Review Committee for the Development of Early Childhood, Elementary and Literacy Education, Montclair State University. (March 2015). Tina Jacobowitz, Department Chair. (Honorarium)
- 9 Educational Testing Service, Invited Outside Item Writer and Reviewer, Elementary Science Education Content and Pedagogy. (February-May 2015). Stephen Horvath, Assessment Specialist. (Honorarium)
- 8 Empowering Boys Initiative (EBI) Pilot Program. New York City Department of Education. Black Male and Latino Initiative, Consultant. (Fee)
- 7 Albany State University, GA, NCATE Mock Interview Schedule College of Education, Advisory Team. (November 2012). Kimberly King-Jupiter, Dean of the College, and Dorene Medlin, Science Coordinator, contacts. (Honorarium)
- 6 Salish Kootenai Tribal College, Pablo, MT, Bachelor of Science in Secondary Science Education, Developing American Indian Science Educators (DAISE), Advisory Board Meeting. (August 2012, August 2015). Regina Sievert, Project Director, contact. (Honorarium)
- 5 Stuart Country Day School, Princeton, NJ, Science Department Review. (May 2012). Jackie O’Gorman, Department Chair. (Honorarium)
- 4 MISE-Merck/Newark, NJ Public Schools Partnership, Planning Meeting for Science. (2011). Thomas Corcoran, contact. (Honorarium)
- 3 NASA Endeavor Science Teaching Certificate Project, Selection Committee. (2009; 2010; 2011; 2012). Glen Schuster, contact. (Honorarium)
- 2 Channel Thirteen/WNET New York City, PBS, Elementary Science Curriculum.

- Michelle Chen, contact. (Unpaid)  
 1 Columbia Business School, Technology & Science Curriculum Materials. Sonal Mehta, contact. (Unpaid)

### HONORS AND AWARDS

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- 2024 AERA Scholars of Color in Education Distinguished Career Contribution Award (competitive): This annual award scholars in various stages in their careers who have contributed significantly to the understanding of issues that disproportionately affect minority populations, and minority scholars who have made a significant contribution to education research and development.
- 2024 Association of Science Teacher Education, Outstanding Mentor Recipient, Award II (nominated by mid-level colleagues in the field, competitive): This annual award recognizes the valuable contributions of mentors to the profession of science teacher education.
- 2023 Visiting Scholar Lecture. Monash University, Australia
- 2023 Marquis Who's Who in America
- 2022 Teaching Innovations Award, The Center for Teaching and Learning, Columbia University. ([University guide](#) featuring exemplary faculty innovations in teaching and learning during the COVID-19 pandemic)
- 2021-22 Pedagogical Innovation Fellows Program, Digital Futures Institute, Teachers College
- 2021 Official Pulitzer Center Champion, The 1619 Project
- 2021 Institute for Teachers of Color Committed to Racial Justice, ITOC Teacher Educator Fellow
- 2020 *A Vision for the Next Phase of JRST*, Journal of Research in Science Teaching. Most frequently downloaded paper of 2019
- 2017 Mentor Award Nominee, SACNAS - Society for Advancement of Chicanos/Hispanics and Native Americans in Science (nominated by former student, competitive)
- 2017 Paul Anderson Award for Exceptional Effort, Text and Academic Authors Association (Presented by Organization's Council)
- 2017 Outstanding Science Teacher Educator of the Year Award Recipient, Association of Science Teacher Education, Award 1, Level 2 (>10 years) (nominated by senior colleague in the field (competitive): This award is given annually to the person who most significantly impacted science teacher education nationally.
- 2016 A Seat at the Table Award, Black Student Movement (BSN), Annual Black History Gala, Teachers College, Columbia University (Executive Board nomination)
- 2013 Office of Student Organizations Faculty Award, Advisor to the Black Student Network (BSN), Teachers College, Columbia University (Staff nomination)
- 2012 Early Career Award, American Educational Research Association, Division K, Teaching and Teacher Education (nominated by senior scholars in field of science education) (competitive)
- 2011 Outstanding Mentor Award Nominee, Association of Science Teacher Education



- (nominated by students and department) (competitive)
- 2009 Outstanding Mentor Award Nominee, Association of Science Teacher Education, (nominated by students and department) (competitive)
- 2009 National Science Teachers Association Summer Reading List for Science Teachers, Article selected: Teachers' coping strategies for teaching science in a "low performing" school district
- 2009 Journal of Research in Science Teaching, Second most frequently downloaded paper of 2008, Article: *Girls and science: A review of four themes in the science education literature*
- 2009 Early Career Nomination, National Association of Research in Science Teaching (competitive)
- 2008 Research Travel Grant Award, New Connections Research and Coaching Clinic, Robert Wood Johnson Foundation (competitive)
- 2008 National Technology Award Paper Nomination, Science in the city photo albums: Connecting science content standards using digital photography (competitive)
- 2007 Graduate School of Arts and Sciences (GSAS) Status
- 2006 Cambridge Who's Who Executive and Professional Registry
- 2006 Faculty Executive Committee, Race, Culture and Diversity Teaching Award (competitive)
- 2005 Dean's Summer Research Grant (competitive)
- 2005 Equity and Ethics Scholars Awardee, National Association of Research in Science Teaching (competitive)
- 2002 Judge Curtis E. and Marjorie M. Chillingworth Scholarship Awardee, Florida State University (competitive)
- 2002 Delores Auzenne Fellowship Awardee, Florida State University (competitive)

### **CENTER AFFILIATIONS**

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- Center for Innovation in Teacher Education and Development (CITED)
    - Host, CITED Conversations (January 2022-May 2023)
    - Director (September 2021-2022)
    - Founding Associate Director for CITED NYC with Kings College, London (January 2019- 2021)
  - Center for Sustainability Futures, Teachers College, Columbia University, Affiliate Faculty (Fall 2019-currently)
  - Black Education Research Collective (BERC), Teachers College, Columbia University, Affiliate Faculty (Fall 2017-currently)
  - Edmund W. Gordon Institute for Advanced Study, Teachers College, Columbia University, Affiliate Faculty (Fall 2017-currently)
  - The Collaborative to Advance Equity through Research (CAETR); Columbia University (Fall 2017-currently)

- Institute for Research in African-American Studies (IRAAS) Columbia University; Faculty Fellow (Fall 2016-currently)
- Urban Science Education Center, Co-director, Elementary Science Education Division, Teachers College, Columbia University (2004-currently)
- Center for Culturally Relevant and Responsive Education (CRRE) (2013-2016); Co-director, Teachers College, Columbia University
- Center for Technology and School Change (2005-2015); Professional Development Facilitator, Teachers College, Columbia University
- Center for Curriculum Materials in Science (2004-2008); Postdoctoral Fellow, Michigan State University

## SCHOLARSHIP

### Peer-Reviewed Journal Articles

(#Invited; ^Student Collaborator; ~Mentee)

- 54 ^Riley, A.D., & **Mensah, F.M.** (2024). "Things your history teacher won't teach you: Science edition": Black women science teachers as anti-racist teachers. *Journal of Research in Science Teaching*, 61(4), 809-840. DOI: 10.1002/tea.21912
- 53 ^Riley, A.D., & **Mensah, F.M.** (2023). "My curriculum has no soul!": A case study of the experiences of black women science teachers working at charter schools. *Journal of Science Teacher Education*, 34(1), 86-103. DOI: 10.1080/1046560X.2022.2028710
- 52 Mensah, F.M. (2022). Educating Klaren: Neoliberal ideology in teacher education impacting candidate preparation and the teaching of science to Black students. *Cultural Studies of Science Education*, CADASE Special Issue on African American Students and STEM Education. 10.1007/s11422-022-10111-w
- 51 Mensah, F.M. (2022). "Now, I see": Multicultural science curriculum as transformation and social action. *The Urban Review*, 54, 155-181. DOI: 10.1007/s11256-021-00602-5
- 50 ^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), 385-411. <http://doi.org/10.1002/sce.21699>
- 49 Mensah, F.M. (2021). Preparing teachers for racial literacy and anti-racist teaching. *Science Teacher Education*, 90(November), 9-15. [Journal of The Association for Science Education]
- 48 Gist, C.D., Bristol, T.J., **Mensah, F.M.**, & Philip, T. M. (2021). Committing to racial justice and equity in teacher preparation (pp. 14-17). *Kapan Special Report, Building a More Ethnoracially Diverse Teaching Force: New Directions in Research, Policy, and Practice*.
- 47 ^Rosa, K., & **Mensah, F.M.** (2021). Decoloniality in STEM research: (Re)framing success. *Cultural Studies of Science Education*, 16, 501-508. <https://doi.org/10.1007/s11422-020-10008-6>

- 46 ^Serpagli, L., & **Mensah, F.M.** (2021). Keeping up with the digital natives: Using social media in an all-girls' science classroom. *School Science and Mathematics Journal*, 121(5), 28-289. <http://doi.org/10.1111/ssm.12471>
- 45 #Mensah, F.M. (2021). Culturally relevant and culturally responsive: Two theories of practice for science teaching. Guest Editorial. *NSTA Science and Children*, March/April, 58(4).
- 44 ^Levy, A.R., & **Mensah, F.M.** (2021). Learning through the experience of water in elementary school science. *Water*, 13(43), 1-31. <https://doi.org/10.3390/w13010043>
- 43 ^Ashby, P., & **Mensah, F. M.** (2020). Critical chemistry education in a private, suburban high school. *Research in Science Education*, 50, 303-332. DOI: 10.1007/s11165-018-9690-2
- 42 ~Watkins, S.E., & **Mensah, F.M.** (2019). Peer support and STEM success for one African American female engineer. *Journal of Negro Education*, 88(2), 181-193. DOI: 10.7709/jnegroeducation.88.2.0181
- 41 Mensah, F.M. (2019). Finding voice and passion: Critical race theory methodology in science teacher education. *American Educational Research Journal*, 56(4), 1412-1456. DOI: 10.3102/0002831218818093
- 40 ^Chen, J., & **Mensah, F.M.** (2018). Teaching contexts that influence elementary preservice teachers' teacher and science teacher identity development. *Journal of Science Teacher Education*, 29(5), 420-439. DOI: 10.1080/1046560X.2018.1469187
- 39 **Mensah, F.M.**, Brown, J., Titu, P., Rozowa, P., Sivaraj, R., & Heydari, R. (2018). Preservice and inservice teachers' ideas of multiculturalism: Explorations across two science methods courses in two different contexts. *Journal of Science Teacher Education*, 29(2), 128-147. DOI: 1046560X.2018.1425820
- 38 **Mensah, F. M.**, & ^Jackson, I. (2018). Whiteness as property in science teacher education. *Teachers College Record*, 120(1), 1-38. <http://www.tcrecord.org> ID Number: 21958.
- 37 ~Underwood, J.B., & **Mensah, F.M.** (2018). An investigation of science teacher educators' perceptions of culturally relevant pedagogy. *Journal of Science Teacher Education*, 28(1), 46-64. <https://doi.org/10.1080/1046560X.2017.1423457>
- 36 ^Taher, T., **Mensah, F.M.**, & Emdin, C. (2017). Exploring the impact of reality pedagogy: Understanding its implementation on urban immigrant students. *Universal Journal of Educational Research*, 5(11), 1853-1862. DOI: 10.13189/ujer.2017.051101
- 35 ^Rosa, K., & **Mensah, F.M.** (2016). Educational pathways of Black women physicists: Stories of life. *Physical Review Physics Education Research*, 12(1), 020113-15.
- 34 ^Hansen, S.J.R., **Mensah, F.M.**, & Gordon, P. (2016). ConfChem Conference on Interactive Visualizations for Chemistry Teaching and Learning: A multimodal examination of visual problem solving. *Journal of Chemical Education*, On-line. DOI: 10.1021/acs.jchemed.5b00549

- 33 Miles, R.L., Slagter van Tryon, P., & **Mensah, F.M.** (2015). Mathematics and science teachers' professional development with local businesses to introduce middle and high school students to opportunities in STEM careers. *The Science Educator*, 24(1), 1-11.
- 32 ^Ado, G., & **Mensah, F.M.** (2015). The influence of cultural factors on HIV/AIDS education in Ivorian Schools. *International Quarterly of Community Health Education*, 35(3), 227-243.
- 31 Varelas, M., Settlage, J., & **Mensah, F.M.** (2015). Explorations of the structure–agency dialectic as a tool for framing equity in science education. *Journal of Research in Science Teaching*, 52(4), 439-447, DOI10.1002/tea.21230
- 30 Rivera Maulucci, M.S., & **Mensah, F.M.** (2015). Naming ourselves and others. *Journal of Research in Science Teaching*, 52(1), 1-5. DOI:10.1002/tea.21196
- 29 ^Berg, A., & **Mensah, F.M.** (2014). De-marginalizing science in the elementary classroom by coaching teachers to address perceived dilemmas. *Education Policy Analysis Archives*, 22(57), 1-35. DOI: <http://dx.doi.org/10.14507/epaa.v22n57.2014> In EPAA/AAPE special issue, S. Woulfin (Ed.), *Politics, policies, and practices of coaching and mentoring programs*.
- 28 #**Mensah, F.M.** (2014). Creating solidarity across diverse communities: International perspectives in education, C. E. Sleeter, & E. Soriano (Eds.). New York, NY: Teachers College Press, 2012. ISBN:978-0-8077-5337-8. Book Review, *Teachers College Record*. <http://www.tcrecord.org> ID Number: 17531.
- 27 ^Graham, R., ^Zubiaurre Bitzer, L., **Mensah, F. M.**, & Anderson, O. R. (2014). Dental student perceptions of the educational value of a comprehensive, multidisciplinary OSCE. *Journal of Dental Education*, 78(5), 694-702.
- 26 ^Brotman, J., & **Mensah, F. M.** (2013). Urban high school students' perspectives about sexual health decision-making: The role of school culture and identity. *Cultural Studies of Science Education*, 8(2), 403-431.
- 25 #**Mensah, F. M.** (2013). Theoretically and practically speaking, what is needed in diversity and equity in science teaching and learning? *Theory Into Practice*, 52(1), 66-72. DOI: 10.1080/00405841.2013.743781 Special theme issue, Diversity and Equity in Science Education.
- 24 ^Mallya, A., **Mensah, F. M.**, Contento, I. R., Koch, P. A., & Calabrese Barton, A. (2012). Extending science beyond the classroom door: Learning from students' experiences with the Choice, Control and Change (C3) curriculum. *Journal of Research in Science Teaching*, 49(2), 244–269.
- Republished in three NSTA journals as current education research and recommended Summer Reading List for teachers, Summer/July 2013 issues of *Journal of College Science Teaching*, *The Science Teacher*, & *Science Scope*
- 23 Johnston, A., Butler, M. B., **Mensah, F. M.**, & Williams, B. (2011). Playing with science: Models for engaging communities. Special issue, Designing Environments to Promote Play-based Science Learning. *Children, Youth and Environments*, 21(2), 312-324.

- 22 **Mensah, F. M.** (2011). The DESTIN: Preservice teachers' drawings of the ideal elementary science teacher. *School Science and Mathematics, 111*(8), 379-388.
- 21 **Mensah, F. M.** (2011). A case for culturally relevant teaching in science education and lessons learned for teacher education. *The Journal of Negro Education, 80*(3), 296-309.
- Special issue, Teacher Education and the Black Community: Preparing Teachers to Teach Black Students, Preparing Black Students to Become Teachers.
  - Selected for republication in 2014 Annual Editions: Multicultural Education, published by McGraw-Hill
- 20 **Mensah, F. M.** (2011). On the road to reform: A sociocultural interpretation of reform. *Cultural Studies of Science Education, 6*(3), 671-678.
- 19 **Mensah, F. M.** (2011). The hardest questions aren't on the test: Lessons from an innovative urban school, by Linda F. Nathan. Beacon Press, Boston, MA, USA, 2009, 189 pp. ISBN: 978-08-0703-274-9. Invited Book Review, *Science Education, 95*(4), 768-770.
- 18 ^Brotman, J. S., **Mensah, F. M.**, & Lesko, N. (2011). Urban high school students' learning about HIV/AIDS in different contexts. *Science Education, 95*(1), 87-120.
- 17 ^Gunning, A. M., & **Mensah, F. M.** (2010). Preservice elementary teachers' development of self-efficacy and confidence to teach science: A case study. *Journal of Science Teacher Education, 22*(2), 171-185.
- 16 ^Marrero, M., & **Mensah, F. M.** (2010). Socioscientific decision making and the ocean: A case study of 7<sup>th</sup> grade life science students. *Electronic Journal of Science Education, 14*(1), 1-27.
- 15 **Mensah, F. M.** (2010). Toward the mark of empowering policies in elementary school science programs and teacher professional development. *Cultural Studies of Science Education, 5*(4), 977- 983.
- 14 **Mensah, F. M.** (2010). Who do I look like? Diversity in self, family, and others. *Science Activities, 47*(4), 125-132. Special issue, Multicultural Science Teaching.
- Most-downloaded special issue of 2010 on Informaworld, Taylor & Francis Publications
- 13 ^Brotman, J. S., **Mensah, F. M.**, & Lesko, N. (2010). Exploring identities to deepen understanding of urban high school students' sexual health decision-making. *Journal of Research in Science Teaching, 47*(6), 742-762.
- 12 #Geelan, D., **Mensah, F. M.**, Rahm, J., & Maulucci, M. R. (2010). Roles, caring and learning to teach science. *Cultural Studies of Science Education, 5*(4), 649-663.
- 11 **Mensah, F. M.** (2009). A portrait of black teachers in science classrooms. *The Negro Educational Review, 60*(1-4), 39-52.
- 10 **Mensah, F. M.** (2009). Confronting assumptions, biases, and stereotypes in preservice teachers' conceptualizations of science teaching through the use of book club. *Journal of Research in Science Teaching, 46*(9), 1041-1066.
- 9 ^Catlin, J. N., & **Mensah, F. M.** (2009, March). Creating an equitable classroom through establishing respect [Electronic Version]. *Beyond Penguins and Polar Bears*, from <http://beyondpenguins.nsd.org/>

- 8     <sup>^</sup>Brotman, J. S., & **Mensah, F. M.** (2008). Girls and science: A review of four themes in the science education literature. *Journal of Research in Science Teaching*, 45(9), 971-1002.  
       ▪ Second most-downloaded article in 2010 on Springer Publishers
- 7     **Moore, F. M.** (2008). Agency, identity, and social justice education: Preservice teachers' thoughts on becoming agents of change in urban elementary science classrooms. *Research in Science Education*, 38(5), 589-610. 10.1007/s11165-007-9065-6
- 6     **Moore, F. M.** (2008). Positional identity and science teacher professional development. *Journal of Research in Science Teaching*, 45(6), 684-710. DOI 10.1002/tea.20258
- 5     **Moore, F. M.** (2008). The role of the elementary science teacher and linguistic diversity. *Journal of Elementary Science Education*, 20(3), 49-61.
- 4     **Moore, F. M.** (2008). Preparing elementary preservice teachers for urban elementary science classrooms: Challenging cultural biases toward diverse students. *Journal of Science Teacher Education*, 19(1), 85-109.
- 3     **Moore, F. M.** (2007). Language in science education as a gatekeeper to learning, teaching, and professional development. *Journal of Science Teacher Education*, 18(2), 319-343.
- 2     **Moore, F. M.** (2007). Teachers' coping strategies for teaching science in a "low-performing" school district. *Journal of Science Teacher Education*, 18(5), 773-794.  
       ▪ Republished in three NSTA journals as current education research and recommended Summer Reading List for teachers, Summer/June 2009 issues of *Journal of College Science Teaching*, *The Science Teacher*, & *Science Scope*
- 1     **Moore, F.** (2006). Multicultural preservice teachers' views of diversity and science teaching. *Research and Practice in Social Sciences*, 1(2), 98-131.

### **Books**

- 1     Mensah, F.M. (2020). *Like words falling onto the page: Demystifying the academic writing and publishing process*. Kindle Direct Publishing.  
       Amazon #1 Best-Seller in 12 categories (2 days): #1 Adult & Continuing Education, #1 Book Notes, #2 Technical Writing, #3 Education Research, #3 Journal Writing, #5 Academic & Commercial Writing Reference, #5 Authorship, #6 College & University Education, #7 Publishing & Books, #7 Writing Skill Reference, #10 Studying & Workbooks, & #25 Writing, Research and Publishing Guides.

### **Peer-Reviewed Book Chapters**

(#Invited; <sup>^</sup>Former/Student or Mentee Collaborator)

- 28    Varelas, M., #Mensah, F.M., & Rivera Malucci, M.S. (in press). Positioning in science education. In M. McVee, L. Van Langenhove, C. Brock, & B. A. Christensen (Eds.), *Routledge International Handbook of Positioning Theory*. Routledge.
- 27    #Mensah, F.M. (in press). Black Lives Matter in the context of sustainability. In K. Tobin & K. Alexakos (Eds). *Multilogical approaches to education and research on birth, sustainable living, dying and death*. Leiden, The Netherlands: Brill.

- 26 #Mensah, F.M. (in press). Culturally-based pedagogies in elementary science education. In M. T. Winn & L.T. Winn (Eds.), *Bloomsbury encyclopedia of social justice in education*.
- 25 ^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)
- 24 ^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)
- 23 # Mensah, F.M. & Bianchini, J. A. (2023). Unpacking and critically synthesizing the literature on race and ethnicity in science education: How far have we come? In N.G. Lederman, D.L. Zeidler, & J.S. Lederman (Eds.), *Handbook of research on science education*, (pp. 221-262). Routledge. DOI: 10.4324/9780367855758-11
- 22 #Mensah, F.M. (2022). Educating future teacher educators of color to talk about race in teacher education. In C. Gist & T. Bristol (Eds.), *Handbook of research on teachers of color and indigenous teachers* (pp. 181-202). AERA.
- 21 #Philip, T., & Mensah, F.M. (2022). Section introduction: Program design: Programmatic views in educating teachers of color and indigenous teachers. In C. Gist & T. Bristol (Eds.), *Handbook of research on teachers of color and indigenous teachers* (pp. 161-164). AERA.
- 20 #Burgess, T. & Mensah, F.M. (2022), "He probably won't go to college": Using storytelling to illustrate how Black boys use their science knowledge to challenge deficit-based teacher dispositions. In A.G. Robins, L. Knibbs, T.N. Ingram, M.N. Weaver, A.A. Hilton (Ed.) *Young, Gifted and Missing (Diversity in Higher Education, Vol. 25)*, (pp. 37-51). Emerald Publishing Limited, Bingley. <https://doi-org.tc.idm.oclc.org/10.1108/S1479-364420220000025004>
- 19 #Mensah, F.M., & Chen, J.L. (2022). Qualitatively doing science teacher education. *The handbook of science teacher education*. Routledge. 10.4324/9781003098478
- 18 #Mensah, F.M., & Chen, J. L. (2022). Elementary multicultural science teacher education. In M. M. Atwater (Ed.), *International handbook of research on multicultural education (pp.1-39)*. Springer, Cham. [https://doi.org/10.1007/978-3-030-37743-4\\_42-1](https://doi.org/10.1007/978-3-030-37743-4_42-1)
- 17 ~Watkins, S., & Mensah, F. M. (2022). Black males in US undergraduate and graduate science programs and their persistence in science: Insights for multicultural science educators. In M. M. Atwater (ed.), *International handbook of research on multicultural education (pp.1-29)*. Springer, Cham. [https://doi.org/10.1007/978-3-030-37743-4\\_49-1](https://doi.org/10.1007/978-3-030-37743-4_49-1)
- 16 ^Jammula, D.C., & #Mensah, F.M. (2020). Urban college students negotiate their identities to dis/connect with notions of physics In A. Gonsalves & A. Danielsson (Eds.),



- Physics education and gender: Identity as an analytic lens for research* (pp. 81-96). Springer.
- 15 #**Mensah, F.M.**, & ^Serpagli, L.P. (2020). Investing in science and technology for shaping society's future: Focusing on the girls (pp. 103-124). #*February 11 Women and Girls in Science*. Royal Academy of Science International Trust (RASIT).  
<https://www.tc.columbia.edu/articles/2020/february/teaching-science-and-technology-to-girls/>
- 14 **Mensah, F.M.**, & Boda, P. (2019). Introduction part 2, narrating ourselves In P. Boda (Ed.), *Essays on inclusion: Our critical, collective journey toward equity in education* (pp. 11-20). New York, NY: DIO Press, Inc.
- 13 Mensah, F.M. (2019). Anti-racist curriculum and pedagogies in science teacher education. In G.M. Prime (Ed.), *Centering race in the STEM education of African-American learners* (pp. 171-188). Peter Lang Publishing.
- 12 ^Wu, J., **Mensah, F.M.**, & Tang, K. (2018). The content-language tension for English language learners in secondary science. In K. Tang & C. Danielsson (Eds.), *Global developments in literacy research for science education* (pp. 113-130). Springer, Cham.
- 11 #**Mensah, F. M.**, & ^Fleshman, R. E. (2017). Identity drawing in elementary science teacher education. In P. Katz (Ed.), *Drawing for science education: An international perspective* (pp. 219-226). Netherlands: Sense Publishers.
- 10 #^Gomes, C., & **Mensah, F. M.** (2016). Sounding out science: Using assistive technology for students with learning differences in middle school science classes. In M. Urban & D. Falvo (Eds.), *Improving K-12 STEM education outcomes through technological integration* (pp. 44-67). Hershey, PA: IGI Global.
- 9 #**Mensah, F. M.** (2016). Positional identity as a framework to studying science teacher identity: Looking at the experiences of teachers of color (pp. 49-69). In L. Avraamidou (Ed.), *Studying science teacher identity: Theoretical perspectives, methodological approaches and empirical findings*. The Netherlands: Sense Publishers.
- 8 **Mensah, F. M.** (2014). Using observation prompts in the urban elementary school field placement. In Y. Sealey-Ruiz, C. W. Lewis, & I. Toldson (Eds.), *Teacher education and black communities: Implications for access, equity and achievement* (pp. 273-279). Charlotte, NC: Information Age Publishing.
- 7 **Mensah, F. M.** (2012). Positional identity as a lens for connecting elementary preservice teachers to science teaching in urban classrooms. In M. Varelas (Ed.), *Identity construction and science education research: Learning, teaching, and being in multiple contexts* (pp. 107-123). Rotterdam, The Netherlands: Sense Publishers.
- 6 #Rivera Maulucci, M., & **Mensah, F. M.** (2012). NARST Equity and Ethics Committee: Mentoring scholars of color in the organization. In J. A. Bianchini, V. L. Akerson, A. Calabrese Barton, O. Lee, & A. J. Rodriguez (Eds.), *Moving the equity agenda forward: Equity research, practice, and policy in science education* (pp. 295-315). New York, NY: Springer.



- 5 #**Mensah, F. M.** (2012). Retrospective accounts in the formation of an agenda for diversity, equity and social justice for science education. In J. A. Bianchini, V. L. Akerson, A. Calabrese Barton, O. Lee, & A. J. Rodriguez (Eds.), *Moving the equity agenda forward: Equity research, practice, and policy in science education* (pp. 317-336). New York, NY: Springer.
- 4 #^Brotman, J. S., Dawson, V., & **Mensah, F. M.** (2011). Metalogue: Critical issues for teaching with socio-scientific issues. In T. D. Sadler (Ed.), *Socio-scientific issues in the classroom: Teaching, learning and research* (pp. 347-353). New York, NY: Springer.
- 3 #^Yu, Y., & **Mensah, F. M.** (2011). The multiple response model for the “views on science- technology-society” (VOSTS) instrument: An empirical application in the context of the electronic- waste issue. In I. M. Saleh & M. S. Khine (Eds.), *Attitude research in science: Classic and contemporary measurements* (pp. 137-176). Charlotte, NC: Information Age Publishing.
- 2 #Parsons, E. C., & **Mensah, F. M.** (2010). Black feminist thought: The lived experiences of two black female science educators. In K. Scantlebury, J. B. Kahle, & S. N. Martin (Eds.), *Re-visioning science education from feminist perspectives: Challenges, choices and careers* (pp. 13-24). Rotterdam, The Netherlands: Sense Publishers.
- 1 #**Moore, F. M.** (2003). In the midst of it all: A feminist perspective on science and science teaching. In A. L. Green & L. V. Scott (Eds.), *Journey to the Ph.D.: How to navigate the process as African Americans* (pp. 104-121). Sterling, VA: Stylus.

### **Peer-Reviewed Textbooks, Professional Development Resources, Position Papers, and Other Scholarship** (#Invited; ^Student Collaborator)

- 13 #Mensah, F.M. (2019). Teaching culturally and ethnically diverse learners in the science classroom. McGraw Hill. <https://medium.com/inspired-ideas-prek-12/three-culturally-responsive-teaching-strategies-for-the-science-classroom-e810fa7f83be>  
[Commissioned]
- 12 #**Mensah, F.M.**, & ^Larson, K. (2018). A summary of inclusive pedagogies for science education grades 6-12. National Academy of Sciences. [Commissioned]
- 11 #Mensah, F.M. (2015). *Multiculturalism*. Encyclopedia of Science Education, on-line. Springer. [https://link.springer.com/referenceworkentry/10.1007/978-94-007-6165-0\\_311-2](https://link.springer.com/referenceworkentry/10.1007/978-94-007-6165-0_311-2)
- 10 Gallard, A., #**Mensah, F.M.**, & Pitts, W. (2015). Supporting the Implementation of NGSS: NARST Researchers' Perspectives on Equity, Webinar for National Science Teachers Association. [http://learningcenter.nsta.org/products/symposia\\_seminars/NARST/webseminar3.aspx](http://learningcenter.nsta.org/products/symposia_seminars/NARST/webseminar3.aspx)
- 9 Gallard, A., #**Mensah, F.M.**, & Pitts, W. (2014). Supporting the implementation of equity. NARST Policy Papers. Published via NARST, Publications and Policy Committee [http://www.narst.org/NGSSpapers/Equity\\_061914.pdf](http://www.narst.org/NGSSpapers/Equity_061914.pdf)
- 8 Moore, F., & O'Neill, T. (2006). *Go wild in NYC: A curriculum guide*, Editors. The Urban

- Science Education Center. Sponsored by Nature and Nurture and National Geographic: New York.
- 7 #Moore, F.M. (2005). *Integrating reading, language arts, and science: Grade K (Reading)*. Boston, MA: Houghton Mifflin.
- 6 #Moore, F.M. (2005). *Integrating reading, language arts, and science: Grade 1 (Reading)*. Boston, MA: Houghton Mifflin.
- 5 #Moore, F.M. (2005). *Integrating reading, language arts, and science: Grade 2 (Reading)*. Boston, MA: Houghton Mifflin.
- 4 #Moore, F. M. (2005). *Integrating mathematics and science: Grade 3 (Mathematics)*. Boston, MA: Houghton Mifflin.
- 3 #Moore, F. M. (2005). *Integrating mathematics and science: Grade 4 (Mathematics)*. Boston, MA: Houghton Mifflin.
- 2 #Moore, F. M. (2005). *Integrating reading, language arts, and science: Grade 6 (Reading)*. Boston, MA: Houghton Mifflin.
- 1 #Moore, F. (2005). *Vocabulario espanol para profesores de biologia*. Professional Resources Project.

### **Peer-Reviewed Journal Guest Editor**

- 2 Varelas, M., Settlage, J., & **Mensah, F. M.** (2015). *Journal of Research in Science Teaching*, 52(4). Special issue, Explorations of the Structure-Agency Dialectic as a Tool for Framing Equity in Science Education. Co-Editors.
- 1 Davis-Maye, D., **Mensah, F. M.**, & Davis, D. J. (2009). *Black Women, Gender & Families*, 3(2). Special issue, The Challenges of Black Girlhood and Young Womanhood, Part I. Co-Editors.
- Recognized in *Feminist Periodicals: A Current Listing of Contents*, published by the Office of the University of Wisconsin System Women's Studies Librarian, Vol 30, Num 4.

### **Editorials, In the News, Non-Peer-Review Publications, Blog Posts, & Podcasts**

- 16 Sadler, T., **Mensah, F.M.**, & Tam, J. (2024). Artificial intelligences and *the Journal of Research in Science Teaching*. (Open Access). *Journal of Research in Science Teaching*, 61(4), 739-743. DOI: 10.1002/tea.21933 [Editorial]
- 15 Riley, A.D., & **Mensah, F.M.** (2023). How Black female teachers enrich science with anti-racism. [Futurity](#). [Research study story]
- 14 Mensah, F.M. (2023). [Critical race theory in science teacher education](#). Meet the Education Research Podcast, hosted by Neil Selwyn. [Guest]
- 13 Mensah, F.M. (2022). Multiple pathways to recruit and retain a strong, diverse science teaching workforce. Next Gen Navigator [Invited Editorial/Peer Reviewed]  
<https://www.nsta.org/blog/multiple-pathways-recruit-and-retain-strong-diverse-science-teaching-workforce>

- 12 Mensah, F.M. (April 2022). [Baby Qual Podcast](#). (Season 1, 10 episodes). This podcast is for emergent young researchers interested in learning and doing qualitative research methods. I will share tips, strategies, and insights. [Creative work]
- 11 Report Analyzes COVID-19, Racial Violence Impact on Black Education. (2021). <https://diverseeducation.com/article/220959> [Mensah commentary in online story]
- 10 **Mensah, F.M.**, & Sadler, T.D. (2021). A vision that focuses on diversity and broader impact. Editorial. *Journal of Research in Science Teaching*, 58(3), 307-309. DOI: 10.1002/tea.21683
- 9 #Mensah, F.M. (Fall 2020). Fine-tune your writing productivity with four scholar actions (p. 5). The Academic Author Newsletter. Text & Academic Authors Association.
- 8 Sung, Ki. (August 11, 2020). How culturally relevant teaching can build relationships while students are home. <https://www.kqed.org/mindshift/56450/how-culturally-relevant-teaching-can-build-relationships-while-students-are-home> [Mensah featured in online story and podcast.]
- 7 **Mensah, F.M.**, Robinson, R., & Erasme, C. (2020). Regeneron STEM teaching fellowship: A collaborative model research experience for K-12 STEM teachers. Research Report.
- 6 Sadler, T.D., & **Mensah, F.M.** (2019). A vision for the next phase of JRST. *Journal of Research in Science Teaching*, 57, 147-153. <https://doi.org/10.1002/tea.21612>
- Most frequently downloaded paper of 2019, JRST, Wiley
- 5 **Mensah, F.M.**, White-King, D., & Jones, M. (2018, June). A personal writing team for accountability and productivity. TAA Annual Conference. Santa Fe, NM. Blog Post by Eric Schmieder, <https://blog.taaonline.net/2018/08/how-a-personal-writing-team-can-increase-your-productivity-through-accountability/#more-13514>
- 4 Mensah, F.M. (2015). Developing girls' mathematics identity through teacher education. *Furthering Girls' Math Identity, Viewpoints*. <http://www.girlsmathidentity.org/v/math-identity-teacher-education>
- 3 Multiple Authors, Teacher Education Policy Committee (TEPC). Letter to the Editor, Questions for Secretary Arne Duncan: Inviting a "national dialogue" on teacher education. *Education Week*, January 9, 2010.
- 2 Gunckel, K. & **Moore, F. M.** (2005). *Including students and teachers in the co-design of the enacted curriculum*. NARST Annual Conference. Dallas, TX. ERIC Digest, ED498676.
- 1 Moore, F. M. (2005). *The dissertation and graduation: Not just a black and white process—Mountain climbing, middle passage, and learning as a postdoctoral fellow*. ERIC Digest, ED489985.

### **Articles in Review**

(^Student Collaborator)

**Mensah, F.M.,** Quince, C., & James, W. (submitted, Education Policy Analysis Archives EPAA). Program design and exemplary cases for preparing teachers of color and indigenous teachers

### **Manuscripts in Preparation**

(#Invited; ^Student Collaborator)

1. Mensah, F.M. Professional learning communities to address NGSS reform, equitable STEM teaching, and identity in science teacher education
2. Mensah, F.M. Systemic racism in science teacher education: A story of definitions with theoretical and practical implications
3. Mensah, F.M. Elementary preservice teachers' reflections of their changing perceptions of science and science teaching

### **Peer-Reviewed Conference Presentations & Proceedings**

(#Invited; ^Student Collaborator)

#### **2023-2024**

- 128 Mensah, F.M. (March 2024). Race in teacher educator preparation: The black doll white doll experiment becomes personal. NARST International Conference. Denver, CO
- 127 ^Horgan, J., & **Mensah, F.M.** (March 2024). Creating science learning spaces: Lessons learned from a museum science program. NARST International Conference. Denver, CO
- 126 Mensah, F.M. (January 2024). Voices at the table: Racial literacy for women of color in science teacher educator preparation. ASTE International Conference. New Orleans, LA
- 125 ^Horowitz, A., & **Mensah, F.M.** (January 2024). Reevaluating Priorities During a Triple Pandemic: 'Adjusting myself to best the students in front of me. ASTE International Conference. New Orleans, LA
- 124 ^Gomes, C., & **Mensah, F.M.** (October 2023). Assistive technology, students with learning differences & achieving scientific literacy. NSTA Kansas City National Convention. Kansas City, KS
- 123 Mensah, F.M. (April 2023). Understanding systemic racism in science teacher educator preparation. NARST International Conference. Chicago, IL
- 122 ^McDonald, L., & **Mensah, F.M.** (April 2023). The role of children's racial identity and its impact on their science education. NARST International Conference. Chicago, IL
- 121 ^Pierre, T., & **Mensah, F. M.** (April 2023). Promoting [policy] reform over perseverance: Interrogating the definition of Black resilience in STEM education. NARST International Conference. Chicago, IL
- 120 #Mensah, F.M. (April 2023). Centering a conversation around approaches to studying and conceptualizing teachers' agency. Symposium Invited Discussant. NARST International Conference. Chicago, IL

- 119 Mensah, F.M. (April 2023). Division K, Section 3, Teachers' Lives, Identities, and Journeys, Roundtable Session, Discussant. AERA Annual Meeting. Chicago, IL
- 118 Mensah, F.M. (April 2023). Teacher activism and testimonios: Transformative journeys toward equity. Roundtable Session, Discussant. AERA Annual Meeting. Chicago, IL
- 117 #Mensah, F.M. (April 2023). Invited Speaker Session: Teachers of Color and Indigenous Teachers. AERA Annual Meeting. Chicago, IL
- 116 Mensah, F.M. (April 2023). Exemplary cases of teacher education program design and evaluation. Paper presentation in Symposium Charting the landscape of research on teachers of color and indigenous teachers. AERA Annual Meeting. Chicago, IL
- 115 #Mensah, F.M. (April 2023). "I'm that girl": Affirming black girls and families in informal STEM counter-spaces, Symposium Invited Discussant. AERA Annual Meeting. Chicago, IL
- 114 Mensah, F.M. (April 2023). Black women science teachers, our pedagogy, and our experiences: It's our time. Symposium Chair & Paper Presenter, Division K. AERA Annual Meeting. Chicago, IL
- 113 Mensah, F.M. (January 2023). Engaging in difficult discussions on race in teacher educator preparation through visual media. ASTE International Conference. Salt Lake City, UT

## 2021-2022

- 112 Mensah, F.M. (September 2022). The black doll white doll experiment becomes personal: Addressing race in science teacher education. NE-ASTE Regional Conference. Tarrytown, NY
- 111 Mensah, F.M. (April 24, 2022). Whose science? Interrogating the foundations of 'nature of science' and uncovering epistemic injustices in science education. Invited Symposium Discussant. Division C:1d Science Education. AERA Annual Meeting, San Diego. Virtual
- 110 Mensah, F.M. (March 2022). Teaching science outdoors: Centering place-based education for teaching science outdoors in urban contexts. Invited Symposium Discussant. NARST International Conference. Vancouver, BC
- 109 Mensah, F.M. (March 2022). Building an elementary science teacher education community to advance equity and justice: Setbacks, resets, and restarts but action must be your focal point. Invited Symposium Discussant. NARST International Conference. Vancouver, BC
- 108 Mensah, F. M. (2021). Redressing health inequities in science and mathematics education: Invisibly insight. Invited Symposium Discussant. AERA International Conference. Virtual.
- 107 ^Heydari, R., & **Mensah, F.M.** (April 2021). The impacts of informal science education on the science identity of students of color. NARST International Conference. Virtual.

- 106 ^Gomez, C.V., & **Mensah, F.M.** (April 2021). Assistive technology, students with learning differences & achieving scientific literacy. NSTA National Science Education Conference. Virtual.
- 105 Pelliccio, E., & **Mensah, F.M.** (January 2021). How teachers center race in their view of discourse as a tool to support science identity construction: A preliminary study. ASTE International Conference. Virtual.
- 104 ^Otero, L., & **Mensah, F.M.** (January 2021). How well-prepared are teachers to teach in a culturally diverse environment?: Exploring initial findings to inform preservice science preparation. ASTE International Conference. Virtual.
- 103 ^Seol, K., ^Ghurbanyan, A., & **Mensah, F.M.** (January 2021). Exploring positionality of science TAs through conceptualizations of equity and social justice. ASTE International Conference. Virtual
- 102 ^Robinson, R., **Mensah, F.M.**, & ^Erasmus, C. (January 2021). Endeavor STEM teaching fellowship and Regeneron: Two programs, one experience. ASTE International Conference. Virtual
- 101 ^Larson, K.V., & **Mensah, F.M.** (January 2021). Designing formative assessments that align with science teacher identity: Challenges and successes in preservice and induction. ASTE International Conference. Virtual

## 2019-2020

- 100 Mensah, F.M. (2020, March, accepted/cancelled due to COVID). Talking about systemic racism in science teacher education. NARST Annual International Conference, Portland, OR.
- 99 ^Chen, J., & **Mensah, F.M.** (2020, March, accepted/cancelled due to COVID). Complexities in developing a social justice science teacher identity through school-based professional development. NARST Annual International Conference, Portland, OR.
- 98 ^McDonald, L.M., & **Mensah, F.M.** (2020, March, accepted/cancelled due to COVID). The role of children's racial identity and its impact on their science education. NARST Annual International Conference, Portland, OR.
- 97 Jacobi, L., & **Mensah, F.M.** (2019, June). We have the code: Using qualitative coding software to enrich data analysis. Textbook & Academic Authoring Conference. Old City, Philadelphia, PA.
- 96 ^Riley, A., & **Mensah, F.M.** (2019, March). Developing racial literacy in the science classroom: Questions of race, racism & power. Poster presented at the NARST Annual International Conference. Baltimore, MD.
- 95 **Parkes, K.**, Mensah, F.M., & Hafeli, M. (2019, April). "If we're going to have teacher educators, prepare them to be teacher educators": A collaborative research project on teacher education and specialized content knowledge. Poster presented at the AERA International Conference. Toronto, Canada.

- 94 ^Chen, J., & **Mensah, F.M.** (2019, March). Supporting the science teacher identities of two elementary teachers of color through science professional development. NARST Annual International Conference. Baltimore, MD.
- 93 **Mensah, F.M.**, ^Kastel, D., ^Larson, K., Parkes, K., ^Aguirre, R.A., & Hafeli, M., & ^Jones, N. (2019, January). Research into the education of teacher educators. ASTE International Conference. Savannah, GA.

### 2017-2018

- 92 **Mensah, F.M.**, White-King, D., & Jones, M. (2018, June). A personal writing team for accountability and productivity. TAA Annual Conference. Santa Fe, NM.
- 91 ^Hoard, A., & **Mensah, F.M.** (2018, March). Using personal histories to develop racial literacy with science teachers of color: A multiple case study. NARST Annual International Conference. Atlanta, GA.
- 90 ^Fleshman, R., & **Mensah, F.M.** (2018, March). Science and mathematics performance and college readiness in an urban portfolio community high school. NARST Annual International Conference. Atlanta, GA.
- 89 Mensah, F.M. (2017, June). Critical voices in teacher education course: Preparing for discussions on race and racism in teacher education. Innovations in Teacher Development Symposium, Kings College, London.
- 88 **Mensah, F.M.**, Brown, J.C., & Roehrig, G.H. (2017, January). Exploring preservice and inservice teachers' ideas of multiculturalism: Explorations across two science methods courses. ASTE Annual International Conference. Des Moines, IA.
- 87 ^Asamani, G., & **Mensah, F.M.** (2017, January). Exploring west African Muslim immigrant students' experiences in and with science. ASTE Annual Conference. Des Moines, IA.
- 86 ^Heydari, R., & **Mensah, F.M.** (2017, January). Facing preconceptions in pre-service teachers through book club discussions. ASTE Annual International Conference. Des Moines, IA.

### 2015-2016

- 85 ^Ashby, P., & **Mensah, F.M.** (2016, January). "The pill" and organic chemistry: Feminist-framed, critical chemistry education in a high school classroom. ASTE Annual International Conference. Reno, NV.
- 84 ^Dashoush, N., & **Mensah, F.M.** (2016, January). Emerging practices within a teacher-scientist community. ASTE Annual International Conference. Reno, NV.
- 83 ^Lee, M., & **Mensah, F.M.** (2016, January). Non-western teachers' understanding nature of science (NOS). ASTE Annual Conference. Reno, NV.
- 82 ^Li, Y., & **Mensah, F.M.** (2016, January). Discussion, that is kind of hard. ASTE Annual International Conference. Reno, NV.
- 81 Mensah, F.M. (2016, January). What is socio-political consciousness and what's it doing

- in a nice field like science teacher education? Invited Workshop of the Equity Committee. ASTE Annual International Conference. Reno, NV.
- 80 ^Ricchio, J., **Mensah, F.M.**, & ^Neesemann, L. (2016, January). Preparing science teacher educators: Designing and developing a doctorate in teacher education. ASTE Annual International Conference. Reno, NV.
- 79 ^Rojas-Perilla, D., & **Mensah, F.M.** (2016, January). Factors affecting the use and exploration of everyday experiences in the science classroom. ASTE Annual International Conference. Reno, NV.
- 78 ^Serpagli, L., & **Mensah, F.M.** (2016, January). Snapshots of science: Implementing Instagram in a science classroom. ASTE Annual International Conference. Reno, NV.
- 77 ^Springle, T., & **Mensah, F.M.** (2016, January). Attitudes of elementary teachers about teaching science education. ASTE Annual International Conference. Reno, NV.
- 76 ^Underwood, J., & **Mensah, F.M.** (2016, January). Examining the difference between culturally relevant and culturally responsive teaching: A science education perspective. Experiential Session. ASTE Annual International Conference. Reno, NV.
- 75 ^Hansen, S., **Mensah, F. M.**, & Gordon, P. (2015, June). A multimodal examination of student misconceptions and multi-representational visual problem solving.
- 74 Foster, D. P., Jones, T. B., Davis-Maye, D., & **Mensah, F. M.** (2015, May). Sisters of the Academy: A model of success. The 28th Annual National Conference on Race & Ethnicity in American Higher Education (NCORE 2015). Washington, DC.
- 73 Mensah, F. M. (2015, April). When race becomes a focus in teacher education. AERA Annual International Conference. Chicago, IL.
- 72 Mensah, F. M. (2015, April). It's not too early to think about your next proposal, Division K Panel Discussion. AERA Annual International Conference. Chicago, IL.
- 71 Mensah, F. M. (2015, April). Developing identities of next generation science teachers as a next generation science educator. NARST Annual International Conference. Chicago, IL.
- 70 Mensah, F. M. (2015, April). De/reconstructing (re)evolutionary and socially just places of learning in formal science classrooms, Discussant. NARST Annual International Conference. Chicago, IL.
- 69 ^Corvo, A., & **Mensah, F. M.** (2015, April). Using Next Generation Science Standards (NGSS): A self-study in secondary science, engineering, and mathematics classes. NARST Annual International Conference. Chicago, IL.
- 68 ^Gomes, C., & **Mensah, F. M.** (2015, April). Using technology to overcome fundamental literacy constraints for students with learning differences to achieve scientific literacy. NARST Annual International Conference. Chicago, IL.
- 67 ^Ronan, D., & **Mensah, F. M.** (2015, April). Mediating hierarchies in a science specialist model: Science culture in urban elementary schools. NARST Annual International Conference. Chicago, IL.
- 66 ^Ashby, P. D., & **Mensah, F. M.** (2015, January). Critical science education and student



interest in a suburban chemistry classroom. ASTE Annual International Conference. Portland, OR.

- 65 ^Corvo, A., & **Mensah, F. M.** (2015, January). Using the Next Generation Science Standards (NGSS): Some unexpected findings. ASTE Annual Conference. Portland, OR.
- 64 ^Fleshman, R., & **Mensah, F. M.** (2015, January). Aspects of transformative learning in a college preparatory program. ASTE Annual International Conference. Portland, OR.
- 63 ^Vaval, L., & **Mensah, F. M.** (2015, January). Science college professors managing multiple identities. ASTE Annual International Conference. Portland, OR.

## 2013-2014

- 62 ^Mensah, F. M., & Fleshman, R. E. (2014, October). Common sense in taking the fourth-grade science test. NE-ASTE Regional Conference. New York, NY.
- 61 Mensah, F. M. (2014, July). Innovations in teaching and learning: Using simulations in science teacher education. TAA Annual Conference. Baltimore, MD.
- 60 Mensah, F. M. (2014, April). "How do I see myself?": Using critical race theory to uncover science teacher identity. NARST Annual International Conference. Pittsburgh, PA.
- 59 ^Benedis-Grab, G., & **Mensah, F. M.** (2014, April). Developing self-efficacy through the use of cloud-based collaboration in an elementary science methods course. NARST Annual International Conference. Pittsburgh, PA.
- 58 ^Taher, T., **Mensah, F. M.**, Emdin, C. (2014, April). Exploring the impact of reality pedagogy: Understanding its implementation on urban immigrant students. NARST Annual Conference. Pittsburgh, PA.
- 57 ^M. J. Castaldi, J. Epstein, J. Brauner, **F. Mensah**, C. Emdin, & P. Redden. (2014, April). Enhancing the undergraduate research experience at a small liberal arts chemistry department. American Chemical Society Annual Conference. Dallas, TX.
- 56 **Mensah, F. M.**, ^Jackson, I., ^Macaluso, S., ^Mahfood, D., ^Ronan, D., & ^Simpson, R. (2014, January). Implementation of edTPA™ as a community of practice. ASTE Annual International Conference, San Antonio, TX.
- 55 ^Daftedar, R., & **Mensah, F. M.** (2014, January). The globalization of science education: A case study of teacher identity dissonance. ASTE Annual International Conference, San Antonio, TX.
- 54 ^Robbins, G., & **Mensah, F. M.** (2014, January). "Mees, I no understand": Using inquiry in a science classroom of diverse cultures, languages, and English proficiencies. ASTE Annual International Conference, San Antonio, TX.
- 53 ^Gomes, C., & **Mensah, F. M.** (2013, July). The impact of technology on students with disabilities achieving scientific literacy. Proceedings of the 5<sup>th</sup> Annual International Conference on Education and New Learning Technologies. Barcelona, Spain.
- 52 Meier, E. B., Horton, D. M., **Mensah, F. M.**, & Sanchez, R. (2013, April). A model for engaging urban teachers in designing STEM projects in classroom environments. AERA

- Annual International Conference, San Francisco, CA.
- 51 Mensah, F. M. (2013, January). Pre-post comments of teacher and science teacher identities from elementary preservice teachers of color. ASTE Annual International Conference, Charleston, SC.
- 50 ^Benedis-Grab, G., & **Mensah, F. M.** (2013, January). Using cloud-based collaboration in an elementary science methods course. ASTE Annual International Conference, Charleston, SC.
- 49 ^Corvo, A. F., & **Mensah, F. M.** (2013, January). Utilizing the National Research Council's (NRC) conceptual framework for the Next Generation Science Standards (NGSS): A self-study in my science, engineering, and mathematics classroom. ASTE Annual International Conference, Charleston, SC.
- 48 ^Lyman, A., & **Mensah, F. M.** (2013, January). Standards-based construction of 9-12 science curricula: A case study approach. ASTE Annual International Conference, Charleston, SC.
- 47 ^Ronan, D., & **Mensah, F. M.** (2013, January). Science-teaching identity and motivation: Ethnography of an urban elementary school implementing a science specialist model in a high-stakes testing environment. ASTE Annual International Conference, Charleston, SC.

## 2010-2012

- 46 **Mensah, F. M.**, & ^Jackson, I. (May 2012). (Re)visions of science and science teaching: Students of color transforming their ideas of teaching science in urban schools. Critical Race Studies in Education Association Conference, New York, NY.
- 45 ^Berg, A., & **Mensah, F. M.** (April 2012). De-marginalizing science in the early elementary classroom: Supporting teachers to teach science in reform-oriented ways. AERA Annual International Conference, Vancouver Canada.
- 44 **Mensah, F. M.**, & ^Jackson, I. (March 2012). (Re)visions of science and science teaching: Students of color transforming their ideas of teaching science in urban schools. Poster presentation. NARST Annual International Conference, Indianapolis, IN.
- 43 ^Gomes, C., & **Mensah, F. M.** (January 2012). Science education and the use of assistive technology for students with learning differences. ASTE Annual International Conference, Clearwater, FL.
- 42 Marrero, M., Riccio, J., ^Dashoush, N., & **Mensah, F. M.** (January 2012). STEM professional development in an online fellowship program: Impacts on teacher beliefs and practices. Themed-paper set. ASTE Annual International Conference, Clearwater, FL.
- 41 **Mensah, F. M.**, & Lang, L. (January 2012). Inservice teachers learning inquiry and teaching preservice teachers about inquiry. ASTE Annual International Conference, Clearwater, FL.
- 40 **Mensah, F. M.**, & O'Neill, T. (April 2011). Who has control over the science curriculum?

- NARST Annual International Conference, Orlando, FL.
- 39 ^Rosa, K., & **Mensah, F. M.** (April 2011). Science teachers' views on cultural diversity: Contributions from anthropology. NARST Annual International Conference, Orlando, FL.
- 38 ^Gunning, A., & **Mensah, F. M.** (January 2011). Microteaching: The value of mastery experience in a science methods course. ASTE Annual International Conference, Minneapolis, MN.
- 37 **Mensah, F. M.** & O'Neill, T. (January 2011). In partnership for diversity goals: Developing elementary teachers of science. ASTE Annual International Conference, Minneapolis, MN.
- 36 **Mensah, F. M.** (March 2010). Using observation prompts in the elementary field placement as a means to inform practice. NARST Annual International Conference, Philadelphia, PA.
- 35 **Mensah, F. M.** (January 2010). "Making progress and figuring things out": Engaging elementary preservice teachers in inquiry learning. ASTE Annual International Conference, Denver, CO.

## 2007-2009

- 34 Moore Mensah, F. (May 2009). Student presentations on science education. Paper presented at the Annual Sharing Our Success in Urban Science and Math Teaching Conference, New York University, New York, NY.
- 33 ^Brotman, J. S., & **Moore Mensah, F. M.** (April 2009). Exploring identities to deepen understanding of urban high school students' decision-making about HIV/AIDS. Paper presented at the NARST Annual International Conference, Orange County, CA.
- 32 ^Mallya, A., & **Moore Mensah, F. M.** (April 2009). A case of critical science agency: Urban youth use C3 science to navigate their food and activity environments. Paper presented at the NARST Annual International Conference, Orange County, CA.
- 31 ^Marrero, M., & **Moore Mensah, F. M.** (April 2009). Socioscientific decision making and the ocean: A case study of 7th grade life science students. Paper presented at the NARST Annual International Conference, Orange County, CA.
- 30 **Moore Mensah, F.**, Catlin, J., O'Neill, T., & Johnson, V. (January 2009). Initiating school-university science partnerships for the preparation of elementary teachers in an urban middle school. Interactive Paper-Poster presented at the ASTE Annual International Conference. Hartford, C T.
- 29 ^Gunning, A., & **Moore Mensah, F.** (January 2009). One preservice elementary teacher's development of self-efficacy and confidence to teach science: A case study. Paper presented at the ASTE Annual International Conference. Hartford, CT.
- 28 ^Cooke, N. & **Moore Mensah, F.** (January 2009). The emergent teacher voice: Identity development of preservice elementary teachers. Paper presented at the ASTE Annual International Conference. Hartford, CT.
- 27 ^Benedis-Grab, G., & **Moore Mensah, F.** (January 2009). A collaborative model for

- elementary science. Paper presented at the ASTE Annual International Conference. Hartford, CT.
- 26 Moore, F. M. (March 2008). Using multicultural curricular frameworks in elementary science lesson plans. Paper presented at the NARST Annual International Conference. Baltimore, MD.
- 25 Moore, F. M. (2008, March). A pedagogy of multiple theoretical perspectives: Building a foundation to stand on: Using course readings in an elementary science methods course. Paper presented at the NARST Annual International Conference. Baltimore, MD.
- 24 Moore, F. M. (March 2008). Planning and teaching in culturally responsive ways: Elementary preservice teachers' integration of multicultural themes and goals in science curriculum. Paper presented at the AERA Annual International Conference. New York, NY.
- 23 Moore, F. M. (January 2008). Science in the city photo albums: Connecting science content standards using digital photography. Paper presented at the ASTE Annual International Conference. St. Louis, MO.
- 22 ^Catlin, J. N., & **Moore, F. M.** (April 2007). RESPECT: What urban middle school science students really want. Paper presented at the NARST Annual International Conference. New Orleans, LA.
- 21 **Moore, F. M.**, George, M. A. (April 2007). Science teacher education about diversity: Using multiple theoretical perspectives. Paper presented at the NARST Annual International Conference. New Orleans, LA.
- 20 ^Catlin, J. N., & **Moore, F. M.** (January 2007). I want to, because I can! Urban middle school students' quest for knowledge in an after school science program. Paper presented at the ASTE Annual International Conference. Clearwater, FL.
- 19 Moore, F. M. (January 2007). Presentation of dialogue: Preservice elementary teachers' views of their science teacher identity. Paper presented at the ASTE Annual International Conference. Clearwater, FL.

## 2004-2006

- 18 Moore, F. M. (October 2006). Drawings of the ideal elementary science teacher. Paper presented at the SASTE Annual International Conference. Mercer University, Macon, GA.
- 17 Moore, F. (September 2006). Mapping the diversity and social justice landscape. Paper presented at the Science Education at the Crossroads Conference. Ogden, UT. On-line proceedings, <http://www.sciedxroads.org>
- 16 **Moore, F. M.**, & ^Mallya, A. (July 2006). Diversity and social justice in curriculum materials: Student agency and teacher learning. Presentation presented at the CCMS Knowledge Sharing Institute, Ann Arbor, MI.
- 15 Moore, F. (April 2006). Identity, agency, and preservice teachers' construction of both

- in becoming agents of change. Paper presented at the NARST Annual International Conference. San Francisco, CA.
- 14 Moore, F. (April 2006). Using book clubs to introduce elementary preservice teachers to issues of diversity in science teaching and learning. Paper presented at the NARST Annual International Conference. San Francisco, CA.
- 13 Moore, F. (September 2005). Is this just too diverse to handle? Paper presented at the Science Education at the Crossroads Conference. Storrs, CT. On-line proceedings, <http://www.sciedxroads.org>
- 12 Moore, F. M. (July 2005). A curriculum design project for preservice elementary teachers: Using the Project 2061 criteria for curriculum development. Paper presented at the CCMS Summer Knowledge Sharing Institute. East Lansing, MI.
- 11 Moore, F. M. (April 2005). The advantages of a postdoctoral study: Negotiating your position. Paper presented at the AERA Annual International Conference. Montreal, Canada.
- 10 **Moore, F.**, Sowell, S., Letts, W., & Brandt, C. (April 2005). Poststructuralist possibilities: Using feminist poststructuralist theories for making sense in science education research. Paper presented at the NARST Annual International Conference. Dallas, TX.
- 9 Moore, F. M. (April 2004). Stories, experiences and lessons: Relations of power in science teaching, leaning, and professional development. Paper presented at the NARST Annual International Conference. Vancouver, British Columbia.
- 8 ^Paterna, R. L., & **Moore, F. M.** (October 2004). Preservice teachers' familiarity and use of technology in science teaching. SAETS Annual International Conference, Gainesville, FL.
- 7 Moore, F. (January 2004). "Teaching is more ... than I first imagined": A preservice teacher's experiences in the field. Paper presented at the AETS Annual International Conference. Nashville, TN.

### 2001-2003

- 6 Settlage, J., Southerland, S. A., **Moore, F.**, Schadman, A. (January 2003). The rise (and fall) of teacher efficacy: The role of the methods course and classroom context. Paper presented at the AETS Annual International Conference, St. Louis, MO.
- 5 Moore, F. M. (October 2002). Ways of knowing in the context of home, school, and teaching: Implications for science teaching. Paper presented at the SAETS Annual International Conference, Kennesaw, GA.
- 4 Moore, F. (January 2002). On the other side of the tracks. Paper presented at the AETS Annual International Conference, Charlotte, NC.
- 3 Hancock, E., **Moore, F.**, & Sowell, S. (October 2001). Practicing teacher's reflections about completing a portfolio for a distance learning graduate program. Paper presented at the SAETS Annual International Conference, Tampa, FL.
- 2 Moore, F. M. (April 2001). Re-designing curriculum that covers students' personal

interests, attitudes, and multiple inabilities. Proceedings of the 41<sup>st</sup> International World Education Fellowship Conference. Sun City, South Africa.

- 1 Moore, F. M. (March 2001). Science laboratories that meet students' multiple abilities. Linkages 2001 Symposium, Florida State University, Tallahassee, FL.

### **Non-Peer-Reviewed Conference Presentations**

- 3 Moore, F. M. (July 2007). Planning and Teaching in Culturally Responsive Ways: Elementary Preservice Teachers' Integration of Multicultural Themes and Goals in Science Lessons. Paper presented at the CCMS Summer Knowledge Sharing Institute. Washington, DC.
- 2 Moore, F. M. (July 2005). Beliefs and Attitudes of Elementary Preservice Teacher Education Students Toward Diversity in Science Teaching and Learning. PowerPoint presentation presented at the CCMS Summer Knowledge Sharing Institute. East Lansing, MI.
- 1 Moore, F. M. (February 2004). Projects and Activities. Post-doctoral fellow poster presentation at the National Science Foundation Centers for Learning and Teaching Principal Investigators Conference. Washington, DC.

### **Peer-Reviewed Symposium Organizer and/or Presenter**

- 30 Mensah, F.M. (January 2022). Symposium, Part 1 & Part 2. Qualitative Research Studies Pre and During a Global Pandemic: Methods, Research, and Products. ASTE Annual International Conference. Charleston, SC. (Doctoral students and postdocs present research studies. Organizer: Felicia Moore Mensah).
- 29 Mensah, F.M. (January 2020). Symposium: The work and process of graduate student preparation in qualitative research: Methods, research, and products. ASTE Annual International Conference. San Antonio, TX. (Doctoral students present research studies. Presenters: Felicia Moore Mensah, Alexis Riley, Andrea Horowitz, Leana Peltier, Jacquie Horgan).
- 28 Mensah, F.M. (January 2019). Symposium: Developing emergent teacher education scholars. ASTE Annual International Conference. Savannah, GA. (Doctoral students and junior faculty share results from pilot studies completed in the Critical Voices in Teacher Education course and the Introduction to Qualitative Research Methods course. Presenters: Felicia Moore Mensah; Ava Javid, Dora Kastel, Kristen Larson, Alexis Riley, Shellina Shidnia, Rashida Robinson, Gabor Salopk, Gregory Benoit. Organizer/Moderator: Felicia Moore Mensah)
- 27 Mensah, F.M. (January 2018). Symposium: The Work and Process of Doctoral Student Preparation for Research in Teacher Education. ASTE Annual International Conference. Baltimore, MD. (Doctoral students share pilot studies completed in courses, Critical Voices in Teacher Education and Introduction to Qualitative Research

- Methods. Presenters: Felicia Moore Mensah, Anna Beck, Allison K. Bookbinder, William Davis, Alyssa Getzel, Kristina Hopkins, Xiaoxin Lyu, Jessica Weedon.  
Organizer/Moderator: Felicia Moore Mensah)
- 26 Mensah, F.M. (April 2016). Symposium: A Mini-Course on Race/Racism and Critical Race Theory for Application in Science Education Research. NARST Annual International Conference, Baltimore, MD. (Scholars discuss race/racism, and critical race theory in science education research and including teacher education research. Presenters: Felicia Moore Mensah, Jomo W. Mutegi, Eileen C. Parsons, Leon Walls, Konstantinos Alexakos, Leah D. Pride, Discussant: Alejandro J. Gallard. Organizer: Felicia Moore Mensah)
- 25 **Mensah, F. M.**, & Shaw, J. (March 2014). Symposium: A Panel Discussion. NARST Annual International Conference, Pittsburgh, PA. (Presenters: Floyd Cephas, Director of Project H.O.P.E. Healthy Opportunities to Pursue Excellence mentoring program and Ana M. Bercerra, Just Communities/Cumunidades Justas. Scholars discuss community-based efforts to support student learning. Organizer: Felicia Moore Mensah & Jerome Shaw)
- 24 Mensah, F. M. (April 2013). NARST Leadership Team Task Force Response to the NGSS. Presidential Sponsored Session. NARST Annual International Conference, Rio Grande, Puerto Rico. Panel Presenter. (Organizers/Presiders: Sharon Lynch, George Washington University & Lynn Bryan, Purdue University; Presenters: Eric Banilower, Janet Carlson, Betsy Davis, Julie Gess-Newsome, Felicia Moore Mensah, Tamara Moore, Maria Ruiz Primo, Senay Purzer, Sherry Southerland, Mark Windschitl, John Falk.)
- 23 Mensah, F. M. (April 2013). Symposium: The Next Generation of Science Education Research: The Importance of Collaboration and Interdisciplinary Research Agendas. NARST Annual International Conference, Rio Grande, Puerto Rico. (Presenters: Julie A. Luft, Takumi Sato, Felicia M. Mensah, Amelia W. Gotwals, Hui Jin, Edna Tan; Discussant: Angela Calabrese-Barton. Organizer: Takumi Sato, Michigan State University.)
- 22 Mensah, F. M. (April 2013). Symposium: Attending to the intellectual repertoires of diverse teachers and students in teacher learning. NARST Annual International Conference, Rio Grande, Puerto Rico. (Presenters: Gale A. Seiler, McGill University, Eli Tucker-Raymond, Ann S. Rosebery, Beth Warren, Christopher G. Wright, Folashade Cromwell Solomon, Justine M. Kane, and Discussant: Maria Varelas. Organizer: Eli Tucker-Raymond, TERC.)
- 21 Mensah, F. M. (April 2012). A case for culturally relevant teaching in science education and lessons learned for teacher education. AERA Annual International Conference, Vancouver Canada. (JNE @ AERA Panel Discussion/Symposium. The five presenters in this session discuss their research papers that were published in a special issue of The Journal of Negro Education, Teacher Education and the Black Community: Preparing Teachers to Teach Black Students, Preparing Black Students to Become Teachers. Organizers: Chance W. Lewis, JNE; Ivory Toldson, UNC- Charlotte, and Yolanda

- Sealey-Ruiz, Teachers College.)
- 20 **Mensah, F. M.,** & Bianchini, J. A. (March 2012). Research Symposium: Re-imagining our research by using new theoretical frameworks in science education. NARST Annual International Conference, Indianapolis, IN. (The Equity and Ethics Committee sponsors this session for individuals who are interested in learning about new and exciting frameworks and methodologies in science education research, particularly sociocultural frameworks and critical race theory.)
- 19 Mensah, F. M. (January 2012). Pre-conference Workshop. Using video to help teachers learn to teach science to special needs and culturally diverse students. ASTE Annual International Conference, Clearwater, FL. (Organizers: Rita Hagevik, University of North Carolina at Pembroke; Tiffany Wild, Ohio State University; Maria Rivera Maulucci, Barnard College, Columbia University; Felicia Moore Mensah, Teachers College, Columbia University; Lynn Woolsey, University of the Cumberlands.)
- 18 O'Neill, T., & **Mensah, F. M.** (April 2011). Paper symposium: Cultural, social, and gender issues: Ecosystems of science across borders. NARST Annual International Conference, Orlando, FL. (The symposium examines collaborations between members of the school and community ecosystems to conserve science in policy and practice and enable learners to be actively engaged in the global scientific community. This symposium will present five initiatives that aim to ensure sustainable school practices to enhance and support science teaching and learning through collaborative efforts across geographic and socially constructed borders. Presider, Sumi Hagiwara, Montclair State University.)
- 17 Mensah, F. M. (April 2011). Poster symposium: Moving the Equity Agenda Forward: Equity Research, Practice, and Policy in Science Education. International, Orlando, FL. (This symposium highlights current equity-related research, practice, and policy in science education and suggests important directions for future work. Presiders, presenters, and discussants in this symposium are contributors to an edited volume by the same name to be published later this year. Both the symposium and edited volume grew out of a NARST Equity and Ethics' ad hoc committee convened three years ago. Presiders, Julie A. Bianchini, University of California, Santa Barbara; Valarie L. Akerson, Indiana University; Angela M. Calabrese-Barton, Michigan State University; Okhee Lee, University of Miami; and Alberto J. Rodriguez, San Diego State University.)
- 16 Bertrand Jones, T., **Mensah, F. M.,** & Rich-Rice, K. (June 2011). Soaring to new heights: Sisters of the Academy Institute writing programs. TAA Annual Conference, Albuquerque, NM. (This symposium highlighted the mission and work of Sisters of the Academy Institute and programs for supporting member writing.)
- 15 **Mensah, F. M.,** & Davis, D. J. (October 2010). Dissertation to manuscript & manuscript to book (& in between). Auburn University, Montgomery, AL. (Women of Color in the Academy Workshop; Sisters of the Academy Institute interactive sessions on navigating the academy and Q&A session on success of Black women in the academy.)



- Denise Davis-Maye, organizer.)
- 14 Moore Mensah, F. (April 2010). Positional identity as a lens for connecting elementary teachers to science teaching in urban classrooms. AERA Annual Conference, Denver, CO. (Interactive poster session, Identity construction in learning and teaching science in- and out-of-school K-12 contexts: Multiple perspectives; Maria Varelas, organizer.)
- 13 Moore Mensah, F. (March 2010). Research into practice: Practice informing research for equity scholarship and teaching. Equity & Ethics Committee Pre-Conference Workshop, NARST Annual Conference, Philadelphia, PA. (Interactive workshop with guest speakers, break-out sessions, and Q&A session with emphasis on conducting equity research, networking and establishing oneself as a researcher.)
- 12 Moore Mensah, F. (April 2009). Elementary preservice teachers' microteaching in an urban classroom: A case for culturally relevant teaching and lessons learned. AERA Annual Conference, San Diego, CA. (Culturally relevant science teaching and learning, interactive poster session of AERA, Science Education in Urban Contexts, Division K Teaching and Teacher Education, Heidi Carlone, Mark Enfield, & Angela Johnson, organizers.)
- 11 Moore Mensah, F., & Brown, K. (April 2009). Supporting science teaching and learning in multiple ways. NARST Annual Conference. Orange County, CA. (Engaging *with* teachers around science education research, interactive poster session. Committee Co-sponsored session of the publications committee, research committee, and external policy and relations committee of NARST. Presenters: Carla Zembal-Saul, Julie Luft, Scott McDonald, Felicia Moore Mensah, Barbara Crawford, April Luehmann, Tamara Nelson, & Celestine Pea.)
- 10 Rivera Maulucci, M., & **Moore Mensah, F.** (April 2009). Grand challenges and great opportunities in science education for scholars of color, Equity & Ethics Committee Pre-Conference Workshop, NARST Annual Conference. Orange County, CA. (Interactive workshop with guest speakers, break-out sessions, and Q&A session on the opportunities and challenges of being scholars of color in science education.)
- 9 Dashoush, N., Gohel, M., & **Moore Mensah, F.** (November 2008). Teaching science in the elementary science classroom. Teachers College, Columbia University, New York, NY. (Former MSTC 4040 students, now 3<sup>rd</sup> grade science teachers, share their experiences as elementary science teachers with current preservice teachers in the fall 2008 science methods course; the teachers conduct a science activity on measurement.)
- 8 Moore, F. M. (May 2008). Promoting a scholarly and professional science education community: Post-conference intellectual share and learn seminar. Teachers College, Columbia University. (Students and faculty share their research presentations from attending AERA and/or NARST conferences.)
- 7 **Moore, F. M.**, Williams, B.; George, M. A., Carlton Parsons, E., & Mutegi, J. (March 2008).

- New directions in science education research, Part 2. NARST Annual Conference, Baltimore, MD. (Five African American scholars in science education discuss the theoretical/conceptual frameworks that guide their research related to issues in teacher education, student learning, language and race, and present strategies for student learning, and present strategies that utilized their frameworks.)
- 6 **Moore, F. M.**, Catlin, J. N., & Riccio, J. (January 2008). Strategies for learning and enhancing scientific literacy in science education. ASTE Annual Conference, St. Louis, MO. (This interactive symposium highlights use of digital photos and content-based literacy approaches to enhance science learning experiences for urban preservice teachers and middle school students.)
- 5 **Moore, F. M.** (August 2007). Data collection methods in research. SOTA Boot Camp. Auburn, AL. (This interactive workshop for doctoral students in broad fields of interest highlights the use of data collection methods in conducting qualitative and quantitative social science research.)
- 4 **Moore, F. M.**, George, M. A., Brown, B., Carlton Parsons, E., & Lewis, B. (April 2007). New directions in science education research. NARST Annual Conference, New Orleans, LA. (In this interactive session, six African American scholars in science education discuss new approaches and theoretical perspectives for preparing preservice teachers, using language to promote science learning, and focusing on race issue in science education.)
- 3 **Moore, F. M.**, & Melear, C. (April 2007). NARST Annual Conference, New Orleans, LA. (Representatives from two New Orleans school districts discuss rebuilding efforts in science education; NARST members donate resources—money, books, and time to paint—to a local high school destroyed by Hurricane Katrina.)
- 2 Boley, M., Dashoush, N., Handelman, J., Murga, Y., Murley, T., & **Moore, F.** (April 2007). Elementary science teaching: Hopes, dreams and realities. Teachers College, Columbia University, New York, NY. (Former MSTC 4040 students share their experiences as elementary science teachers with current preservice teachers in the spring 2007 science methods course.)
- 1 Garcia, O., **Moore, F.**, Trubek, J., & Traugh, C. (February 2007). Privilege and difference in teaching for social justice: The role of the teacher educator. Paper presented at the AACTE Annual Conference. New York, NY. (Three teacher educators -- a Latina, an African American, and a White teacher educator -- two of whom teach mostly privileged white students explore what we -- a group of teacher educators with different lenses, interests, disciplines, backgrounds and teaching contexts -- do to prepare our very different students to teach for social justice in urban classrooms.)

**Invited Speaker: Keynote. Conference. Symposium. Panel. Classroom. Community.**  
**Moderator**

- 108 Mensah, F.M. (March 19, 2024). Working with Equity Intersectionally in Science Teacher Education: Intersectionality and Where's Your Race Card? Symposium Speaker. NARST International Conference. Denver, CO.
- 107 Mensah, F.M. (March 18, 2024). Science Education for the Rest of Us: Unifying Our Community for Our Well-Being and For the Rest of Us. Keynote, CADASE RIG. NARST International Conference. Denver, CO.
- 106 Mensah, F.M. (March 7, 2024). Power and Identity in STEM Graduate Seminar (Dr. Luis Leyva, Mathematics Education). Guest Scholar Talk. Vanderbilt University. Virtual
- 105 Mensah, F.M. (March 3, 2024). Speaking Science: Unleashing the Power of Student Voices. Keynote. Elementary Science Teacher Conference. Tarrytown, NJ.
- 104 Mensah, F.M. (October 17, 2023). "Inclusive & Interdisciplinary Teaching for Mathematics and Science Education." Plenary Speaker, Teacher Preparation in the 21<sup>st</sup> Century: Developing Mathematical Knowledge Through Mathematics Teaching Online Conference. University of Kwasulu-Natal, US-South Africa Network. Virtual
- 103 Mensah, F.M. (September 13, 2023). "Engaging in Difficult Discussions on Race in Teacher Educator Preparation Through Visual Media & Critical Reflection." Keynote Speaker, Lunch and Learn Series, Rutgers University Graduate School of Education, New Brunswick, NJ.
- 102 Mensah, F.M. (June 29, 2023). "The Publishing Process Workshop." Presenter and Faculty Mentor. Teachers College Record Writing for Publication Workshop for Recent Graduates. Teachers College, Columbia University.
- 101 Mensah, F.M. (June 26, 2023). DEIJ [Diversity, Equity, Inclusion, Justice] Center Stage Organizational Level Thinking Science Education. Keynote Speaker, National Science Teachers Association National Congress on Science Education Planning Committee. (Virtual)
- 100 Mensah, F.M. (June 2, 2023). Culturally Relevant, Responsive, Sustaining, and Critical Race Theory: What Do They All Mean for STEM Education? Keynote Speaker, Regional Robert Noyce Southeast Conference, Mobile, AL.
- 99 Mensah, F.M. (June 2, 2023). What Is Critical Race Theory and Why Should We Know About It for Science/STEM Education? Workshop, Regional Robert Noyce Southeast Conference, Mobile, AL.
- 98 Mahfood, D., & **Mensah, F.M.** (June 2, 2023). Culturally Based Approaches to Teaching Diverse Learners in Science/STEM Classrooms. Workshop, Regional Robert Noyce Southeast Conference, Mobile, AL.
- 97 Mensah, F.M. (May 23, 2023). Theoretical and Methodological Discussions for Science Teacher Education Research. Guest Speaker, Dr. Sarah Robert's Equity and STEM Course. University of California Santa Barbara. Virtual.
- 96 Mensah, F.M. (May 18, 2023). Time Management & Writing Schedule. Guest Speaker, ASTE Mini-In-May Virtual Event, Graduate Student Forum.

- 95 Mensah, F.M. (May 16, 2023). Publishing After 2023 NARST International Conference. Guest Speaker for the NARST Virtual Event, Graduate Student Committee and Publication Advisory Committee
- 94 Mensah, F.M. (May 5, 2023). Course Design and Development: Engaging in Difficult Discussions on Race in Teacher Education Preparation Through Visual Media & Critical Reflection. Visiting Scholar Event Guest Lecture, College of Education, Monash University, Melbourne, Australia [In Australia, virtual presentation]
- 93 Mensah, F.M. (March 18, 2023). Building Our Paths: Strategies and Resources to Navigate Graduate School Life and Beyond, Keynote presentation, Graduate Research Symposium. Penn State University
- 92 Mensah, F.M. (March 18, 2023). Writing and Publishing as a Graduate Student. Workshop facilitator, Graduate Research Symposium. Penn State University
- 91 Mensah, F.M. (February 28, 2023). Identity and STEM discussion. Dr. Amal Ibourk's Doctoral Seminar Class. Florida State University, FL (Virtual)
- 90 Mensah, F.M. (February 7, 2023). Expert Scientist Discussion. Bellarmine School Science Club, San Jose, CA. Virtual
- 89 Mensah, F.M. (July 21, 2022). PreK Elementary Science Panel: Discussing the NASEM Report, The Brilliance of Children, The Strength of Teachers Impact on Teacher Education, Washington, DC. Virtual
- 88 Mensah, F. M. (June 15, 2022). The Science of Improving Lives through STEM Education for All. DEI in STEM Speaker Series. Panel. FHI360, Washington, DC. Virtual
- 87 Mensah, F.M. (June 4, 2022). "I Didn't Know Inclusion Was for Science and Mathematics, Too." Third Nebraska Summit on Math and Science Education. Keynote presentation and workshop facilitator. Lincoln, NE. Virtual.
- 86 Mensah, F.M. (April 19, 2022). Preconference Mentor, Division K, Teaching and Teacher Education. AERA Annual International Meeting, San Diego, CA.
- 85 Mensah, F.M. (March 28, 2022). National Academies of Sciences, Engineering, and Medicine (NASEM) Report. Moderator. NARST International Conference. Vancouver, BC.
- 84 Mensah, F.M. (May 16, 2022). COVID Connects Us: Nurturing Novice Teachers' Justice Science Teaching (JuST) Identities. Advisory Board Member PD Guest. (Virtual)
- 83 Mensah, F.M. (April 21, 2022). Like Words Falling Onto The Page Workshop. Doctoral Seminar Science Education Program, University of Georgia, GA (Virtual)
- 82 Mensah, F.M. (April 14, 2022). Like Words Falling Onto The Page Workshop. Doctoral Colloquium, MSTU 6000, CMLTD Program, Teachers College. (Virtual)
- 81 Mensah, F.M., Mahfood, D., & Riley, A. (February 27, 2022). Hidden Figures Panel Discussion. Black History Month Program, Hastings-on-Hudson Public Library and Parenting Children of Color. Westchester Library System, NY. (Virtual)
- 80 Mensah, F.M. (February 10, 2022). Black Feminist Frameworks for the Study of Identity. Center for Gender Research, Uppsala University, Sweden. (Virtual)

- 79 Mensah, F.M. (September 27, 2021). The Centrality of Research in Science Education in Times of Anit-scientific Movements: Where Is Your Activist Spirit? XIII Encontro Nacional De Pesquisa Em Educacao Em Ciencias (XIII ENPEC) [13<sup>th</sup> National Research Meeting in Science Education]. Keynote Presentation. Brazil. (Virtual)
- 78 Mensah, F.M. (August 2021). European Science Education Research Association (ESERA), SIG5 Science Identity, Pre-Conference Mentor.
- 77 Mensah, F.M. (June 25, 2021). Critical Race Theory, Preparing teachers for Racial Literacy and Anti-racist Teaching. Association of Science Education Conference. Keynote Research Presentation. London. (Virtual)
- 76 Mensah, F.M. (May 28, 2021). Writing for Conference Papers and Journals; and Writing for Your Dissertation. ASTE Mini in May Conference. Presentation & Panel. (Virtual)
- 75 Mensah, F.M. (May 8, 2021). Implementing Anti-Racist Education in K-12 Settings. Education and Civil Rights for the New Decade Spring Conference. University of Kentucky, College of Education. Presentation & Panel. (Virtual)
- 74 Mensah, F.M., & Mahfood, D. (April 28, 2021). Culturally Relevant Sustainability Teaching. Workshop. Center for Sustainable Futures. Teachers College, Columbia University. (Virtual)
- 73 Mensah, F.M. (April 15, 2021). Show Courage, Be Bold, Be Color Brave: Teachers Reflecting and Discussing Issues of Race. English Education Program, A&HE 5206 Fieldwork/Workshop Course, Teachers College, NY (Virtual)
- 72 Mensah, F.M. (April 2, 2021). Conversation Starters: The Importance of Professional Development during Graduate Studies. Black PhD Network. Panel. (Facebook Live)
- 71 Mensah, F.M. (March 11, 2021). Science Expert: Science and Education. Expert Sciences Club, Bellarmine Preparatory School, San Jose, CA. (Virtual)
- 70 Mensah, F.M. (March 10, 2021). Foundations of Intersectionality: From Feminist to Racial Orientations of Intersectionality. Presenter/Panel. ESERA Identity SIG. (Virtual)
- 69 Mensah, F.M. (March 9, 2021). Current Issues in Teacher Education” Race, Diversity, and Preparing Teachers for Racial Literacy. Dean’s Lecture Series, Drexel University. (Virtual)
- 68 Mensah, F.M. (February 24, 2021). Critical Race Theory in Teacher Education. CITED Conversation. Teachers College, Columbia University. (Virtual)
- 67 Mensah, F.M. (February 24, 2021). Culturally Responsive Teaching Q&A. NYCDOE APforAll. (Virtual)
- 66 Mensah, F.M. (February 4, 2021). Culturally Relevant Education. Women of Impact Speaker/Panelist for Black History Month. Notre Dame High School, San Jose, CA. (Virtual)
- 65 Mensah, F.M. (January 15, 2021). Teaching and Methods and Reading, Oh, My!: Trajectories in Science Education Research. Stanford University. (Virtual)

- 64 Mensah, F.M. (December 3, 2020). "Inclusion, Curriculum, and Racism." II International Seminar on Inequities in Education, Nucleo de Tecnologia Educacional para Saude, Universidade Federal do Rio de Janeiro, Brazil. (Virtual)
- 63 Mensah, F.M. (November 20, 2020). "Retooling Research During the Time of COVID-19." Virtual Panel/Roundtable. Inaugural Faculty Development Series. Teachers College, New York, NY.
- 62 Mensah, F.M. (October 5, 2020). "Inclusive Teaching." Virtual Panel/Q&A. Department of Psychology, Columbia University. New York, NY.
- 61 Mensah, F.M. (October 1, 2020). Virtual Guest speaker/Q&A. MSTC 6402 Seminar Class (Ann Rivet). New York, NY.
- 60 Mensah, F.M. (August 26, 2020). "Inclusion, Curriculum, and Anti-racism." Virtual Presentation and Panel/Q&A Session. National Academies of Science, Engineering, and Medicine: Committee on Enhancing Science and Engineering in Prekindergarten through Fifth Grade. Washington, DC. <https://vimeo.com/showcase/7458732>
- 59 Mensah, F.M. (August 4, 2020). "Discussions of Culturally Relevant & Culturally Responsive Science Teaching." Virtual Workshop. McGraw-Hill.
- 58 Mensah, F.M. (February 24, 2020). "Culturally Relevant Teaching via Curriculum Reform in STEM Teaching: Examples from Preservice Teachers." Equity and STEM Course Guest Speaker, University of California, Santa Barbara.
- 57 Mensah, F.M. (September 28, 2019). "Educating Black Girls & Women in STEM Fields." Panelist. Inaugural Black Matters Community Conversation. Department of African American and African Studies Community Extension Center, Ohio State University, Columbus, OH.
- 56 Mensah, F.M. (April 24, 2019). "Are You Being Inclusive? Strategies to Rethink STEM Curriculum & Teaching for Inclusivity." Workshop & Talk. Department of Mathematics & Statistics, Haverford College, Haverford, PA.
- 55 Mensah, F.M. (March 2019). "Anti-racist Curriculum and Pedagogies in Science Teacher Education." Symposium, Using Race-Visible Pedagogy to Disrupt Persistent Inequities in the STEM Education of African American Learners. NARST Annual International Conference.
- 54 Mensah, F.M. (March 8, 2019). "Re-Telling Stories & Experiences and Creating New Ones in the Contexts of Physics & STEM." Physics Department, Rutgers University-Newark, NJ.
- 53 Mensah, F.M. (May 3, 2018). "A New Look at Mentorship." Keynote. Summer Intern Mentor Training. Lamont-Doherty Earth Observatory, Columbia University. New York, NY.
- 52 Mensah, F.M. (March 23, 2018). "How Did I Get Here?" Keynote. STEM Day. Mercy College, Dobbs Ferry, NY.

- 51 Mensah, F.M. (April 2018). "Reimagining Education for the Changing Public: From Research to Promising Pedagogy in Racially Diverse Schools." Faculty Panel Presentation. AERA International Conference. New York, NY.
- 50 "Equity Problems of Practice Addressed through Professional Learning Communities in an Elementary Science Methods Course." (March 2018). DOI: 10.13140/RG.2.2.27427.30245 Symposium, Re-framing Problems of Practice in Preparing New Science Teachers for Equity in the NGSS Era. NARST Annual International Conference.
- 49 Using STEM to Promote Youth Citizenship to Prepare for the Global Economy (November 18, 2017) Moderator for Panel presentation at "Cracking the Code: Teaching STEM for Citizenship in the 21st Century," a conference at Teachers College, Columbia University. New York, NY.  
<http://www.tc.columbia.edu/articles/2017/november/tc-symposium-on-stem-and-citizenship-will-honor-the-late-jhumki-basu/>
- 48 Mensah, F.M. (November 29, 2017). "Curriculum Reform for STEM College Teaching via Culturally Relevant Teaching." Seton Hall University, South Orange, NJ.
- 47 Mensah, F.M. (March 15, 2017). Re-telling Educational Pathways of Black Women Physicists: Stories of Experiencing and Overcoming Obstacles in Life. American Physical Society (APS) March Meeting. New Orleans, LA.  
<https://www.aps.org/publications/apsnews/201704/women.cfm>
- 46 Mensah, F.M. (February 9-11, 2017). "Advancing in the Academy-Publish or Perish." Positioning Black Female Faculty for Prominence, Power, and Presence in the Academy. Black Women Faculty NSF Symposium. Atlanta, GA.
- 45 Mensah, F.M. (November 2016). "Bridging Research and Practice in K-12 STEM Education for African American Learners." Morgan State Symposium. Presenter and Facilitator.
- 44 Mensah, F.M. (April 2016). The Role of Peer Review and Critique in Strengthening Science Education. Presenter and panelist, Research Committee Administrative Sponsored Symposium. NARST Annual Conference, Baltimore, MD.
- 43 Mensah, F.M. (April 2016). The Intersection between Social and Emotional Learning and STEAM: When Teacher Education Meets STEAM. Presenter and panelist. Teachers College, Columbia University.
- 42 Mensah, F.M. (March 2016). What Is Socio-political Consciousness and What's It Doing in a Nice Field Like Science Education? Professor Michelle Knight-Manuel's Culturally Relevant Teaching course, Teachers College, Columbia University, NY.
- 41 Mensah, F.M. (January 2016). "What Is Socio-political Consciousness and What's It Doing in a Nice Field Like Science Teacher Education?" Workshop Presenter. Reno, NV.
- 40 Mensah, F.M. (March 2015). "Furthering Girls' Math Identity: An Expert Convening." (June 2015). Panel Moderator. Washington, DC.
- 39 Mensah, F.M. (February 2015). "Supporting Strategies for Success in STEM Careers: A

- Talk with Parents, Principals, Teachers, and Guidance Counselors.” Women of Tomorrow Conference, NYC.
- 38 Mensah, F.M. (December 2014). “An Interview with the Scientist.” Hamilton Heights Elementary School, Harlem, NY.
- 37 Mensah, F.M. (April 2015). “Culturally Responsive Preparation of Teachers in Urban and International Contexts,” Discussant, Division K, Teaching and Teacher Education. AERA Annual Meeting, Chicago, IL.
- 36 Mensah, F.M. (May 2014). “The Scientist Comes to Our First-Grade Class via Skype.” Heketi Community Charter School, Brooklyn, NY.
- 35 Mensah, F.M. (March 15, 2014). “Developing Scholars for the Next Generation: The Role for Mathematics and Science Education.” Morgan State University, Baltimore, MD.
- 34 Mensah, F.M. (January 2013). “The Scientist Comes to Our First-Grade Class.” Heketi Community Charter School, Brooklyn, NY.
- 33 Mensah, F.M. (August 17, 2013). “Science Is More Than Just a Special”: Innovations in Science Teaching and Learning. Keynote Presentation. First Annual Math and Science Partnership Conference on Science Teaching and Learning, Conference Theme: Innovations in Science Teaching and Learning. Tuskegee University, Montgomery, AL.
- 32 Mensah, F.M. (November 3, 2012). “Racial Uplift in the 21st Century: Black Organizations and the Black Community” Afternoon Round Table Discussion. Northeast Regional National Black Graduate Student Association Conference. Bowie State University, Bowie, MD.
- 31 Mensah, F.M. (October 1, 2012). “Organizing for Change: African Americans & the Academy” Panel Discussion. The Center for African American Research and Policy (CAARP) Conference. Atlantic City, NJ.
- 30 Mensah, F.M. (March 16-17, 2012). “Discussions of Race in Science Teacher Education” Keynote Presentation; and “Integrating Multicultural Understandings in Science Teaching” Teacher Workshop. Middlebury College, Middlebury, VT.
- 29 Mensah, F.M. (December 12-14, 2011). Albany “Research BootCamp® at Albany State University College of Education.” State University, Albany, GA.
- 28 Mensah, F.M. (October 27, 2011). “Empowering Teachers, Empowering Students through Curriculum Reform: Some Examples.” Arizona State University, Tempe, AZ.
- 27 Mensah, F.M. (July 2011). “Inquiry-based Practices in Biology Education.” Passaic County Community College STEM Professional Development Workshop. Paterson, NJ.
- 26 Mensah, F.M. (June 2011). “Brainstorming: Academic Publishing.” 24<sup>th</sup> Annual Text and Academic Authors Conference. Albuquerque, NM.
- 25 Mensah, F.M. (June 2011). “Writing and Publishing Your Scholarly Journal Article: Preconference Workshop.” 24<sup>th</sup> Annual Text and Academic Authors Conference. Albuquerque, NM.
- 24 Mensah, F.M. (March 2011). “Challenges and Opportunities...How Can We Make More



- Progress Super-Panel Participant.” The STEM Diversity Summit. Farmingdale State College, SUNY.
- 23 Mensah, F.M. (February 2011). “Speaker Series: Getting Published.” Sponsored by the Teachers College Black Student Network. Teachers College, Columbia University, NY.
- 22 Mensah, F.M. (December 2010). “Scholarship Panel: The Impact of Doctoral Student Funding.” Full Board Meeting of the Trustees of Teachers College, Columbia University, NY.
- 21 Mensah, F.M. (October 2010). “Casual Conversations.” Sponsored by Student Activities and Programs. Teachers College, Columbia University, NY.
- 20 Mensah, F.M. (March 2010). “Write the Vision: Make It Clear” Conference: The Role of the Faith-based Community in Closing the Education Achievement Gap. Moderator, Closing Keynote Panel: Leaders Unite to Address the Education Achievement Gap. Cowin Center, Teachers College, Columbia University, NY.
- 19 Mensah, F.M. (April 2010). “Diversity focus in the preparation of science teachers for diverse urban classrooms.” School of Education, Roger Williams University, Bristol, RI.
- 18 Mensah, F.M. (April 2009). NARST’s Grand Challenges and Great Opportunities: Presidential Speech Reaction Panel. NARST Annual Conference, Garden Grove, CA.
- 17 Moore, F.M. (March 2008). “Good Beginnings” Keynote speaker, Equity and Ethics Pre-conference, NARST Annual Conference, Baltimore, MD.
- 16 Moore, F.M. (December 2007). “Novel Approaches in the Preparation of Teachers for Diverse Classrooms” College of Education, Mathematics and Science Colloquium Series. University of Illinois, Chicago, IL.
- 15 Moore, F.M. (November 2007). “Making Connections: Using Inquiry-based Methods to Teach Science” Uniondale Public Schools, K-12 Science Teachers, Hempstead, Long Island, NY.
- 14 Moore, F.M. (July 2007). “Teachers and Curriculum Materials Plenary” CCMS Summer Knowledge Sharing Institute. Washington, DC.
- 13 Moore, F.M. (March 2007). “Science in the Urban Elementary Classroom: An Introduction to Go Wild in NYC science curriculum.” Teachers’ Meeting, River East Elementary School, New York City.
- 12 Moore F.M. (April 2007). NARST Equity and Ethics Pre-Conference Workshop: Scholars from underrepresented groups and the academy, Facilitator. NARST Annual Conference, New Orleans, LA.
- 11 Moore, F.M. (April 2007). “Making Babies: A Genetics Lab for Elementary Teachers. PS 87 & PS 165, NYC. Teachers College, Columbia University, NY.
- 10 Moore, F.M. (April 2006). “Crafting a Scholarly Voice in Science Education across the Career Trajectory” Panel discussion at the NARST Equity and Ethics Special Colloquium, NARST Annual Conference, San Francisco, CA.
- 9 Moore, F.M. (February 2006). “Surviving the Dissertation Process.” Professor Angela Calabrese Barton’s Professional Seminar course, Teachers College, Columbia

- University, NY.
- 8 Moore, F.M. (October 2005). "Stakeholder Perspectives about Science Education." Science at the Crossroads Conference. Storrs, CT.
- 7 Moore, F.M. (December 2005). "Diversity: Is this TOO Diverse to Handle?" Diversity and Equity Lecture Presentation at the Winter Symposium of the Faculty Executive Committee on Race, Culture and Diversity Subcommittee. Teachers College, Columbia University, NY.
- 6 Moore, F.M. (August 2005). "Introduction to Feminist Poststructuralism." Professor Nancy Lesko's Professional Seminar course, Teachers College, Columbia University.
- 5 Moore, F.M. (March 2005). "From Where You Are to Where I Am." Professor Ann Rivet's Professional Seminar course, Teachers College, Columbia University, NY.
- 4 Moore, F.M. (November 2005). "Scientists of Color." Miss Wright's 4<sup>th</sup> grade science class, PS 154 Harriet Tubman Learning Center, Harlem, New York City.
- 3 Moore, F.M. (November 2003). "The Emotional Side of Graduate Education." College of Education Recruitment Weekend, Keynote Speaker, Florida State University, Tallahassee, FL.
- 2 Moore, F.M. (September 2003). "Finding Patterns & Making It Fit". Science Education Seminar Presentation, Michigan State University, East Lansing, MI.
- 1 Moore, F.M. (March 2002). "Female Friendly Science Education." Women Extinguishing Barriers Conference, Workshop Presentation. Women's Center, Florida State University, Tallahassee, FL.

### **Invited Facilitator: College Faculty Development & Graduate Student Workshops**

- 14 Mensah, F.M. (March 3, 2023). "I Didn't Know Inclusion Was for Science and Mathematics, Too." Faculty Development Seminar. Northern Arizona State University. Virtual Faculty Development Workshop.
- 13 Mensah, F.M. (March 21, 2022). "A Path to Successful Writing: Mapping Graduate Study Progression by Focusing on Organization." Prairie View A & M University. Virtual Student Development Workshop.
- 12 Mensah, F.M. (March 10, 2022). "A Path to Successful Writing: Writing and Publishing as Grad Students." Prairie View A & M University. Virtual Student Development Workshop.
- 11 Mensah, F.M. (April 22, 2021). Strategic Planning: How to Plan and Execute, Publish and Produce in a Pandemic." University of Houston. Virtual Faculty Development Workshop.
- 10 Mensah, F.M. (February 25, 2021). "Designing a Research Agenda & Developing Your Writing Process: They Are Connected." University of Houston. Virtual Faculty Development Workshop.

- 9 Mensah, F.M. (August 13, 2020). "Science and Anti-racism." National Educator Anti-Racism Conference, Boston, MA. Virtual Talk and Workshop.
- 8 Mensah, F.M. (July 18, 2020). "Are you being inclusive?" Culturally Sensitive-Culturally Relevant Pedagogies in the STEM College Classroom." Mercy College HHMI Program, Mercy College, NY. (Virtual Workshop.)
- 7 Mensah, F.M. (September 14, 2020). "Getting Published Workshop." The Netherlands. Virtual Presentation and Q&A for international scholars.
- 6 Mensah, F.M. (March 14, 2019). Culturally Responsive/Relevant Teaching: Transforming Science (STEM) Teaching and Curriculum." Workshop session, STEM Professional Development Offerings Series. Mercy College, Tarrytown, NY.
- 5 Mensah, F.M. (June 27-28, 2019). "Designing a Research Agenda & Developing Your Writing Process: They Are Connected." Workshop. CITED Professional Development Series, Kings College, London.
- 4 Mensah, F.M. (January 26-27, 2017). "Preparing Your Tenure Binder: Securing Your Future for Promotion", "Strategic Planning: How to Plan and Execute, Publish and Produce", "Preparing Your Tenure Binder & Strategic Planning", & "A Leadership Discussion." 4 Workshop sessions presented. Diversity Lecture Series, University of South Florida, Tampa, FL.
- 3 Mensah, F.M. (October 2016). "Navigating the Academic Pipeline: Preparing the Tenure Binder" and "Strategic Planning for Junior and Senior Faculty" and "Associate to Full Brunch Workshop." 3 Workshop sessions. The Chancellor's Diversity Challenge Fund Grant Program and the Sociology Department. University of North Carolina, Charlotte, NC.
- 2 Mensah, F.M. (January 10, 2019). "Culturally Relevant Pedagogy: Approaches to Good Teaching." Workshop session, Faculty Development Series. Borough of Manhattan Community College, New York, NY.
- 1 Mensah, F.M. (January 9, 2018). "Culturally Relevant Pedagogy: Developing Your Competencies and Working with Others." Workshop session, Faculty Development Series. Borough of Manhattan Community College, New York, NY.

### **COURSES TAUGHT**

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#### **Undergraduate and Graduate, Preservice and Inservice**

- Student Teaching Practicum & Internship (Undergraduate Secondary)
- Teaching and Learning Science in Secondary Schools (Undergraduate Secondary)
- Professional Roles and Teaching Practice (Undergraduate Secondary)
- Crafting Teacher Practice (Undergraduate, Masters)
- Portfolio Master's Thesis Advisor (Masters Inservice)
- Science in Childhood Education (Masters Preservice Elementary)
- Science Curriculum Improvement (Masters Inservice Elementary)
- Multicultural Education (Masters Preservice, Inservice Secondary, Doctoral)

- Concepts in Biology (Masters Preservice Secondary)
- Professional Seminar in Science Education (Masters, Doctoral)
- Teaching Science in Urban Settings: Urban & Multicultural Education (Masters, Doctoral)
- Introduction to the Field of Science Education Seminar (New course development; Doctoral and Advanced masters)
- Online Advanced Certificate Program in Reimagining Education (New course development in collaboration with TC faculty; Doctoral, Advanced Masters, Teachers)
- Qualitative Research Methods in Science Education (New course development; course open to Masters and Doctoral students in MST; opened to other departments/programs, 2012)
- Independent Study/Guided Study (Masters, Doctoral)
- Critical Voices in Teacher Education (New course development; Doctoral, Advanced masters; open to other departments/programs)

### **Courses Redesigned due to COVID-19 for Online/Remote Instruction**

(Synchronous/Asynchronous) March 2020-currently

- Dissertation Seminar Course (Doctoral, hybrid)
- Professional Seminar in Science Education Course (Masters & Doctoral)
- Practicing Qualitative Methods in Science Education (Masters)
- Qualitative Research Methods in Science Education (Doctoral)
- Independent Study/Guided Study (Masters & Doctoral)
- Critical Voices in Teacher Education (Doctoral)

### **International Teaching/Courses**

ASC Research Programs, Instructor, Fujen International Education, Shanghai, China

- Practicing Qualitative Methods in Education (High school, College), Summer 2020, Summer 2021, Summer 2022
- Introduction to Higher Education in the United States (High school, College), Summer 2021

## **SERVICE**

### **Professional Memberships**

- Education Deans for Justice and Equity (EDJE), 2018-currently
- Student Affairs Administrators in Higher Education (NASPA), 2016-2020
- School Science and Mathematics Association (SSM), 2009-currently
- Text and Academic Authors (TAA), 2010-currently
  - Annual Conference Presenter and Mentor, 2011, 2017, 2019, 2021, 2022
- American Educational Research Association (AERA), 2005-currently
  - 2021, 2022, 2023 Annual Conference Discussant
  - 2020 Annual Conference, Division K, Early Career Award Committee

- 2014 Annual Conference Program Co-chair, Division K, Section 6
- 2014 Annual Conference Discussant
- 2014 Annual Conference Reviewer
- 2011 Annual Conference Presider
- 2011 Annual Conference Program Co-chair, Division C
- SIG Memberships: Teaching and Teacher Education; Critical Issues in Curriculum and Cultural Studies; & Science Teaching and Learning
- Association of Science Teacher Education (ASTE), 2003-currently
  - Editorial Review Board, Journal of Science Teacher Education, December 2006-December 2011
  - Editorial Review Board, Journal of Elementary Science Education, 2009-2012
  - Equity Committee Member at Large, 2007-2010
  - Long-Range Standing Committee Member, 2007-2010
  - Inclusive Science Education Sub-Committee Member, 2002-2006
  - Northeastern Association Science Teacher Education (NASTE), 2014-currently
  - Southeastern Association Science Teacher Education (SASTE), 2000-2010
- National Association of Research in Science Teaching (NARST), 2003- currently
  - Journal of Research in Science Teaching, JRST Co-Editor (2020-currently)
  - Editorial Review Board, JRST Associate Editor, 2015-2020
  - Committee Member, Membership, 2017-2020
  - NARST Executive Board, Chair, Ethics and Equity, 2011-2014
  - Committee Member, Ethics and Equity, 2007-2010
  - Program Committee Member, Strand 11 Coordinator, Cultural, Social and Gender, 2006- 2008
  - CADASE Member, Newsletter Editor; 2015-currently
- Sisters of the Academy (SOTA), 2001-currently
  - Leadership Team; 2016-currently
  - Past President, 2014-2016; President, 2012-2014; President-Elect, 2010-2011
  - Executive Board Member, Secretary and Newsletter Editor, 2004-2010
  - Intensive Grantsmanship Workshop Committee (Chair), 2012, 2013
  - Writing Retreat Planning Committee, 2008, 2010
  - SOTA Signature Research BootCamp®
    - Planning Committee, 2005, 2007, 2009, 2011, 2013
    - RBC© Senior Scholar Mentor, 2009, 2011, 2013, 2015, 2017, 2019, 2021, 2022
- Pi Lambda Theta International (PLT) Honor Society & Professional Association in Education, 2001-2010
- National Biology Teachers Association (NBTA), 1996-2009
- National Alliance of Black School Educators (NABSE), 2008-2009

## **Service to Education Profession: Review Experience**

### **Conferences**

- AERA, Division C (Learning and Instruction)
  - Section 4 (Science Program Committee), 2011
- AERA, Division K (Teaching and Teacher Education)
  - Early Career Faculty (Virtual) Mentor, 2022
  - Graduate Student Faculty (Virtual) Mentor, 2020
  - Program Section Co-Chair, Section 6 (Field Experiences), 2014-2016
  - Program Section Co-Chair, Section 1 (Math and Science), 2007
- NARST, Strand Coordinator, Cultural, Social and Gender Issues, 2006-2008
- NARST, Program Reviewer
  - Strand 11 Social, Cultural, and Gender, 2006; 2007; 2009; 2010
  - Strand 4a Pre-service Science Teacher Education; 2005; 2006; 2009
  - Strand 6 Cultural, Social, and Gender Issues; 2004
- ASTE, Program Reviewer, 2009; 2011; 2015; 2019
  - Thread Coordinator, 2018

### **Journals (Boards, Guest Reviewer, Reviewer)**

- *Journal of Research in Science Teaching*
  - Co-Editor (2020-currently)
  - Associate Editor (2015-2020; 2020-currently)
  - Guest Co-Editor, Fall 2014
  - Reviewer, 2005, 2006, 2010, 2011, 2012, 2013, 2014, 2015
- *Cultural Studies of Science Education*
  - Lead Editor, Editorial Review Board, 2010-currently
  - Reviewer, 2009, 2010
- *School Science and Mathematics*, 2024
- *The Journal of Black Psychology*, 2024
- *Sociology Compass*, 2023
- *Urban Education*, 2023, 2024
- *Education Sciences*, 2023
- *American Journal of Education*, 2023
- *Research in Science Education*, 2022, 2023
- *Science Education*, 2023
  - Guest Reviewer, Special Issue on Emotionality
- *Action in Teacher Education*, 2018, 2021, 2023, 2024
- *The Teacher Educator*, 2021
- *Academic Letters*, 2021
- *American Educational Research Journal*, 2017
- *Journal of Science Teacher Education*

- Guest Reviewer, Special Issue Instructional Materials Aligned to *A Framework for K-12 Science Education* and the Next Generation Science Standards, 2020
- Guest Reviewer, 2012-2016, 2018, 2022
- Editorial Review Board, 2006-2011
- *Educational Review*, 2021
- *Physical Review Journal*, Guest Reviewer, 2017
- *Teaching and Teacher Education*, 2020
- *Teachers College Record: Special Issue on A Dream Deferred: A 20-year Retrospective on Culturally Relevant Pedagogy*, 2015
- *Elementary School Journal*, 2011, 2012
- *Journal of Teacher Education*, 2010, 2015, 2018
- *Equity & Excellence*, 2009, 2022
- *Journal of Women and Minorities in Science and Engineering*, 2009
- *Science Education*, 2007, 2017, 2018; Invited Guest Reviewer for Special Issue on Centering Affect and Emotion Toward Justice and Dignity in Science Education, 2023
- *School Science and Mathematics Journal: Special Edition on Urban Education*, 2005; 2010, 2011, 2017
- *International Journal of Science Education*, 2005, 2014
- *Negro Educational Review Journal: Special Edition on The Mathematics and Science Education of African Americans*, 2005

### **Books**

- Teachers College Press, Editorial Advisory Board (September 2017-June 2018)
- Routledge & AERA (August 2015): *2016 World Education Research (WERA) Yearbook*
- AERA (April 2013): *Handbook of Research on Teaching, 5<sup>th</sup> Edition*
- Corwin Press (January 2008): *Formative Assessment Strategies for Enhanced Learning in Science, K-8*
- Routledge, (May 2006): *Teaching Science to Every Child: Using Culture as a Starting Point*
- Corwin Press, (July 2005): *Integrating Mathematics across the Curriculum*
- Corwin Press, (May 2005): *Teaching Children through Science*

### **Grants**

- Spencer Foundation (2020): Reviewer Large Grant
- NSF (2015): Full Panel Review
- NSF (2014): Full Panel Review
- NSF (2012): Full Panel Review
- NSF (2010): Full Panel Review

### **Service to Teachers College, Columbia University & the Science Education Program**

- Faculty & Staff Search Committees

- Vice Dean for Teacher Education and Community Partnerships, Fall 2023-currently; Search Chair (myself)
  - Adult Learning & Leadership, Department of Organization & Leadership, Fall 2022-Spring 2023; Search Chair, Victoria Marsick
  - Office of Global Engagement (formerly, Office of International Relations), Fall 2022; Search Chair, Portia Williams
  - STEM Assistant/Associate Visiting Professor, Spring 2022; Search Chair (myself)
  - Educating Teacher Educators, Department of Curriculum and Teaching, Fall 2017; Search Chair, Mariana Soto-Manning
  - Director of Career Education & Professional Development, Summer 2017; Search Chair, Tom Rock
  - Teacher Education, Department of Curriculum and Teaching, Fall 2015-Spring 2016; Search Chair, Celia Oyler
  - Music Education, Department of Arts and Humanities, Fall 2014, Search Chair, Hal Abeles
  - Bilingual/Bicultural Education, Department of Arts and Humanities, Fall 2013-Spring 2014; Search Chair, Carmen Martínez-Roldán
  - Inclusive Education, Department of Curriculum and Teaching, Fall 2012-Spring 2013, Search Chair, Celia Oyler
  - Curriculum Studies, Department of Curriculum and Teaching, Fall 2009-Spring 2010, Search Chair, Nancy Lesko
  - Science Education, Department of Mathematics, Science and Technology, Fall 2006, Search Chair, Robbie McClintock
- 
- Standard IV Middle States (Support for the Student Experience) Committee, Summer 2023- currently
    - Chair, Thomas Rock
  - Financial Aid Change Committee, 2022-currently
    - Chair, Tani Castañeda
  - College's Student Affairs Conduct Committee (2018-As needed)
  - Abby O'Neill Fellowship Review Committee, 2012- currently
  - TC Fulbright Student Selection Committee, Reviewer, Fall 2020-currently
    - Chair, Portia Williams
  - Admissions and Scholarship Committee, Spring 2007-currently
  - Science Education Travel Scholarship Committee, Spring 2006-currently
  - Reimaging Summer Institute, Planning and Faculty Instructor, and Faculty Lead for Teacher Leadership Strand, Summer 2015-currently
  - Black Student Network Faculty Sponsor, Spring 2009-currently
  - Student Senate Secondary Advisor, 2016-2019



- Department of External Affairs Faculty Liaison Committee Member (Fall 20010-2019)
  - Chair, Suzanne Murphy
- Teacher Education Policy Committee (TEPC), Spring 2006-currently
  - Chair, Celia Oyler (2023-currently); Co-Chairs, Dirck Roosevelt & Jessica Riccio (2021-2022); Chair, Kelly Parkes (2017-2022); Chair, Lin Goodwin (2006-2017)
- Faculty Development Advisor Committee (FDAC), Fall 2007-2019
  - Chair, Victoria Marsick; Chair, Ana Newmann; Chair, William Gaudelli; Chair, Kristine Roome
- Faculty Executive Committee
  - FEC & Academic Personnel (January 2019-2020)
  - Race, Culture & Diversity Sub-Committee (2017-2018)
  - Personnel Sub-Committee (2013-2016; Chair, 2015-2016)
- TC's Race, Ethnicity, and Intercultural Understanding Faculty Curriculum Mapping Steering Committee, Summer 2014-2015; Chair, Amy Stewart Wells
- Walter Sindlinger Writing Award Selection Committee, Spring 2016
- Teachers College Community School, TCCS, Planning Committee, Spring 2009-2011, 2015-2016 Chair, Nancy Streim
  - Professional Development Support, Summer 2012-2016
  - Teachers College Community School Opened, August 2011
- Board of Trustees, Panel Discussion Student Scholarships, 2011; Science at TCCS, 2012
- Barnard College-Teachers College Bridge Collaboration, Spring 2009-2013
  - Chairpersons, LeAnn Bell (Barnard College) & Lin Goodwin (TC)
- Barnard College Tenure Review Process Committee (2011-2012)
- Program Coordinator, Science Education Program, Fall 2010-Fall 2016
- American Association of Colleges of Teacher Education, Teachers College Representative, Spring 2009-2010
- Teacher Education Advisory Board, Co-chair, 2013-2017
  - Teacher Education Council Member, Fall 2014-2016
- Provost Office and The Office of the Vice President for Diversity and Community Affairs
  - The Doctoral Initiative (formerly, Black and Latino Male Doctoral Initiative), Faculty Committee Member, Fall 2012-currently
  - Faculty Moderator & Panel for What is Doctoral Education Session, 2013-currently
  - Panelist, Spring 2013, Fall 2013, Spring 2014, Fall 2014, Fall 2015, 2016, 2017
  - Mini-Research Boot Camp, Chair of Planning Committee, Summer 2014
- President's Office, Development and External Affairs Committee Member, 2017, 2019
- Teachers College Faculty Panel, CICU/College Board NYGEAR UP PD Workshop, Spring 2009

- Teachers College and MST Department Recruitment Initiative, Fall 2008; Spring 2011 (Atlanta Consortium)
- Admissions Open House and/or Admitted Student Weekend
  - Faculty Speaker, Spring 2008, Spring 2009; Fall 2013 (October & November); Fall 2014; Spring 2016; Virtual Open House Faculty Panel Fall 2020
  - HBCU Diversity Scholarship Committee, Spring 2015, Spring 2016
- Teachers College Career Services Panel, Fall 2007, Spring 2008, Spring 2009
- Commencement Speaker & Escort
  - Inaugural Faculty Doctoral Hooder, 2023 Ceremony
  - Convocation Committee, Spring 2015-currently
  - Student Speaker Selection Committee, 2017, 2018, 2019
  - First Generation/Students of Color Annual Graduation Ceremony, Speaker, Spring 2016, Spring 2017
  - Dr. Carl Wieman, Escort Spring 2014
  - Dr. Freeman Hrabowski, Escort Spring 2006
- Elementary Inclusive Preservice Portfolio Reviewer, Fall 2006, Fall 2007
- The U.S. Department of State's Bureau of Educational and Cultural Affairs, International Visitors Leadership Program
  - Faculty Panel (Brazil), Spring 2014
  - Pontificia Universidad de Catolica (Chile), Faculty Panel, Fall 2013
  - United States Department of State Office of International Visitors, United Arab Emirates, Faculty Panel, Fall 2006

### **External & Internal Reviewer**

- Tenure and Full Review Letters Written to Date (TC and abroad): 63
- Pre-tenure/Re-appointment Letters Written to Date (TC and abroad): 29
- College Promotion Review Committee Member (Ad-hoc representative) to Date: 1 Associate; 2 Full

### **SCHOOL PARTNERSHIPS**

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- PS 75, The School of Research and Discovery, PreK-5, PS 75, 984 Faile Street Bronx, NY 10459, Principal: Mrs. Marines Arretia-Cruz & Teacher: Althea Benthos. Summer 2016-Spring 2022
  - MS 368, Hamilton Heights School, PreK-5, 1750 Amsterdam Ave, New York, NY 10031. Asst Principal: Shaniqua Johnson & Teacher: Jason Doell, Summer 2017-currently. Principal: Michelle Herbowy & Teacher: Lisa McDonald, Summer 2014-Summer 2016.
  - PS 048, Michael J. Buczek, PreK-5, 4360-78 Broadway, New York, NY 10033. Principal: Fatimah Ali. Teacher: Jing-Ting Poon. Fall 2016.
  - Teachers College Community School (TCCS), 168 Morningside Drive, NY 10027. Principal: Jeannine Worrell-Breedin. Summer 2012-Spring 2017.

- PS 154 Harriet Tubman School, PreK-5, 125 West 127th Street, NY. Principal: Elizabeth Jarritt. Summer 2013-2015.
- PS 36, The Margaret Douglas School, PreK-5, 123 Morningside Drive, NY 10027. Principal: Cynthia Mullins-Simmons. Fall 2009-Summer 2012; Principal: Heather Baptiste. Fall 2012- 2017.
- PS 015, Jackie Robinson School, PreK-5, 12115 Lucas Street, New York, NY 11413. Principal: Antonio K'Tori. Summer 2012-Fall 2013.
- PS 84, The Lillian Weber School, 32 W. 92<sup>nd</sup> Street, NY 10025. Principal: Ms. Robin Sundick; Assistant Principal: Ms. Mary Acosta. Summer 2009-2012.
- PS/IS 180, Hugo Newman College Preparatory School, 370 W. 120<sup>th</sup> Street, NY, 10027. Principal: Dr. Peter MacFarland. Fall 2007-2012.
- River East Elementary School, 508 E. 120<sup>th</sup> Street, East Harlem, NY. Principal: Alison Mackenzie; Science Teacher: Carol Stringari. Fall 2006; Science Teacher: Kassandra Brown. Spring 2007-2011.
- PS 57, NCREST- Say Yes to Education, 115<sup>th</sup> and 3<sup>rd</sup> Avenue, Harlem, NY 10027. Contact: Marta Morales. Spring 2008.
- Isaac Newton Middle School for Math and Science, 260 Pleasant Avenue, East Harlem, NY 10027. Principal: Lisa Nelson. Teachers: Tara O'Neill, Verneda Johnson. Summer 2007-Summer 2008.
- Far Rockaway High School, 821 Bay 25<sup>th</sup> Street, Brooklyn, NY. Assistant Principal: Arthur Registre. Fall 2006.
- Future Leaders Institute, 134 W 122<sup>nd</sup> Street. Harlem, NY. Science Teacher: Julia Handelman. Fall 2006.
- PS 165, 234 W. 109<sup>th</sup> Street, Manhattan, NY. Assistant Principals: Victor Villegas & Ivonne Torres; Science Teachers: Christina Delatola (lower grades) & Luisa Maysonet (upper grades). Fall 2005, Spring 2006.
- PS 87, 160 W. 78<sup>th</sup> Street, Manhattan, NY Science Teacher: Michele Owen. Fall 2004, Spring 2005.

### **OTHER PROFESSIONAL EXPERIENCES**

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1. Postdoctoral Fellow, Center for Curriculum Materials in Science (CCMS) (Michigan State University). A partnership of American Association for the Advancement of Science, Michigan State University, Northwestern University, and the University of Michigan that focused on the analysis, design, and use of science curriculum materials. The Center was funded under the National Science Foundation's Centers for Learning and Teaching (CLT) program. The five core principles of CCMS was attending to diverse learners, providing pedagogical supports, focusing on science learning goals, fostering inservice professional development, and enhancing student investigations and learning

technologies. Development of a high school Water Unit, development of Environmental Literacy standards, and participation in Diversity strand. (Summer 2003- Summer 2006); <http://ed-web2.educ.msu.edu/CCMS/index.htm>

2. Graduate Research Assistant, Scientific Thinking & Internet Learning Technologies (STiLT) (University of Utah & Florida State University). A curriculum development project that blended the study of the nature of science with instructional technologies made available via the Internet. The STiLT project consisted of three, six-day units for use in high school biology classrooms. (Fall 2002-Spring 2003)
3. Graduate Research Assistant, The Gadsden County Electronic Teacher (ET) Project (Gadsden County Public School System & Florida State University). A vision for rural underserved school district to have ongoing professional development with the use of technology in the classroom. A specific aim of the project was to produce caring, competent, and qualified teachers of technology for every student. The teachers were assigned a preservice teacher from one of two local universities to mentor and use technology as a tool. (Fall 2001-Spring 2002)
4. Graduate Research Assistant & Instructor, Miami-Dade Public Schools & Florida State University Master's Distance Program in Science Education (Florida State University). A Master's degree and professional development program with an emphasis on inquiry and science content knowledge. The program consisted of 98 elementary and middle school teachers in the Miami-Dade school system. (Summer 2001)
5. Graduate Research Assistant, Creating Professional Teaching Communities (Florida State University). A project to support preservice and practicing teachers in becoming actively involved in preparing, developing, and teaching inquiry-based science lessons. (Fall 2000)
6. Johnson C. Smith University (Charlotte, NC). Biology course/lab instructor for summer science enrichment program for middle and high school students. (Summer 1997)
7. Norrell/Proctor and Gamble (Brown Summit, NC). Micro-biochemist, Analytical laboratory technician, solids division. (March 1993-December 1993)
8. Moses H. Cone Memorial Hospital (Greensboro, NC). Phlebotomist II, Laboratory. (August 1990- December 1992)
9. North Carolina A & T State University (Greensboro, NC). Laboratory research assistant, Psychology department. Research on duration of day and night on behavior of nocturnal animals (Albino rats) for hypertension studies; and adjunct instructor and laboratory instructor, Biology Department, (August 1989-August 1992)

### **STUDENT ADVISING**

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**Doctoral Research Collective for the Study of Race and Ethnicity**, Faculty Advisor

- Doctoral Student Program Leaders: Diana Cordova-Cobo & Juontel White (2020-2021); Cohort 1, six doctoral students

**Sponsor: Current Students (Post-certification):** PhD: Dora Kastel; Asia Jackson; Victoria Hypolyte; Kendra Bullock; Sabrina Hussein Avila; Shane Coleman; Nagity Deng; Anna Ghurbanyan; John Lee; Yvonne Thevenot; Fareya Khalid; Emelia Pelliccio; Irina Onefactor; Fernanda Albuquerque de Araujo; Helen Park; Jude Julien; Lorna Otero; William (Billy) Green; **and EdD:** Michael Simpson; Silvia Sarhardian; Katherine Seol; Oluwaseun Adelaja; Emelia Pellicio; Anansa Fraser; Lurdez Berrios, Josh Modeste

**Second Member: Current Students (Post-certification):** PhD: Anna Beck, Tasnim Aziz, Honey Walrond, Christina Torres; and **EdD:** Alyssa Getzel; Jessica Martell, Zahra Ahmed, Soo Jin Jeon; Nicola Yuen Law

**Committee Member:** Victor Ashiara; Yeonghwi Ryu; Rozena Raja; Sekou Cox; Tara Kirton; JiSung Rhyu; Shellina Shadnia; Olivia Snow; Darius Phelps

**Sponsor/Committee Member (Pre-certification):** PhD/EdD: Cora Neville; Joshua Modeste, Damaris-Lois Lang; Raquel Fleming; Danielle Butler; Candyce Johnson; Hanyu Lu; Jonathan Tam

**PhD & EdD Science Education: (Sponsor-Advisor)**

- 62 Daniel A. Yaverbaum (PhD, Spring 2024), Transforming reference frames: How mental models for velocity evolved through a physics curriculum framed by the principal of relativity
- 61 Alexander Brosseau (EdD Interdisciplinary, Spring 2024), A pedagogy of absence
- 60 John Lee (PhD, Spring 2024), Developing cultural competence: Exploring students' understanding of cultural competence in an entry-level physical therapy program
- 59 Jessica Fagan Weedon (PhD, Fall 2023), An exploratory research study: Investigating the experiences of high school physical science teachers in the United States during the COVID-19 pandemic
- 58 Daria Vasilyeva (PhD, Fall 2023), Clinical teacher identity as told by early mid-career clinical dental instructors
- 57 Leana Peltier (PhD, Spring 2023), "I found a science family!" Elementary teachers' structure and agency in vertical science professional learning community moving beyond silos
- 56 Andrea Horowitz (EdD, Spring 2023), Teaching during the triple pandemic: It's so deeply personal
- 55 Allison Bookbinder (PhD, Spring 2022), Teacher leadership and science instructional practice: Teaching elementary science in a time of crisis
- 54 Cole Entress (PhD, Spring 2022), You can't do everything: In search of better, more equitable secondary science methods courses

- 53 Alexis Riley (PhD, Fall 2021), From whence we came: Womanist pedagogy and anti-racist teaching as discussed by Black women science teachers [Assistant Professor, New York University; Assistant Professor, California State Los Angeles]
- 52 Julia Sable (PhD, Science Education, Fall 2021), The frontiers of science: A case study for understanding multi-disciplinary inquiry-based college science
- 51 Jacqueline Horgan (PhD, Spring 2021), “I’m ready for scientific duty”: Young museum program alumnus’ orientations towards science
- 50 Colette Cecile Young (EdD, Fall 2020), Exploring the foundations of creating, implementing, evaluating, and revising science, technology, engineering, the arts, and mathematics (STEAM) curricula in the classroom [Assistant Director, Summer Principals Academy, NYC]
- 49 Samir Biswas (PhD, Spring 2020), Exploration of differences in the beliefs and attitudes of biology, chemistry, earth science, and physics teachers on multiculturalism in secondary science classrooms
- 48 Ava Javid (EdD, Spring 2020), Beginning science teachers’ agency: An exploratory study of choice and the role of technology for continued learning
- 47 Megan Dansby Russell (EdD, Spring 2020), Understanding the academic help-seeking strategies and experiences of black first-generation engineering undergrads [Inaugural Dean of DEI, Brown University]
- 46 Kristen Larson (EdD, Spring 2020), Forming science teacher identity: The role that identity plays in designing learning goals and classroom-based formative assessments [Postdoctoral Fellow, Mercy College]
- 45 Jite Lark (EdD, Spring 2020), Culturally relevant teaching and multicultural education in pre-service teachers STEM courses and in-service teachers advanced placement STEM courses
- 44 Erika Gillette (EdD, Spring 2020), The teaching of science to refugees in Greece: A multi-site case study of volunteer educators in non-formal education setting
- 43 Roya Heydari (PhD, Spring 2020), The impacts of informal science education on students’ science identity and understanding of science inquiry [Associate Director of Faculty Assessment, Columbia University]
- 42 Lisa McDonald (EdD, Fall 2019), The role of children’s racial identity and its impact on their science education
- 41 Luz V. Garcia- Felix (PhD, Fall 2019), Assessing bilingual Latino students’ understanding in acquiring knowledge and their motivation in learning science with a computer-based simulation
- 40 Lauren Mangione (EdD, Fall 2018), Experiences of science education graduate students in the critical voices classroom [Teacher, The Equity Project Charter School]
- 39 Jessica Chen (EdD, Fall 2018), Activating resources for science and developing the social justice science teacher identities of elementary teachers through school-based professional development [Lecturer, Teachers College]

- 38 Diego Roja-Perilla (PhD, Spring 2018), Influence of preservice science teachers' beliefs and goals in the cognitive demand of learning tasks they design: A multiple case study [Bogota D.C. Department, Colombia]
- 37 Peter Hillman (EdD, Spring 2018), Vertically aligned professional learning communities as a keystone for elementary science teacher professional development, growth, and support [Assistant Professor, Concordia College]
- 36 Amanda Levy (EdD, Spring 2018), Investigating the experience of water: A case study of teaching and learning in elementary school science [Water Scientist, NYC Department of Health]
- 35 Lisa Edstrom (EdD, Curriculum and Teaching, Urban Education, Fall 2017), Taking action: African American mother activists working for change in city schools [Lecturer, Barnard University]
- 34 Robin E. Fleshman (PhD, Spring 2017), Not driven by high-stakes tests: Exploring science assessment and college readiness of students from an urban portfolio community high school [Principal]
- 33 Althea Lyman Hoard (PhD, Spring 2017), A black feminist book club as a multicultural professional development model for inservice secondary science teachers [Assistant Professor, Relay Graduate School of Education, Adjunct Faculty-Barnard College]
- 32 Philip Adornato (PhD, Spring 2017), Uncovering the lived experiences of female science majors within a program designed for the retention and success of women science majors
- 31 Lisa Neesemann (EdD, Spring 2017), An added layer of support: Introducing a heterarchical peer mentoring intervention to a preservice science teacher education cohort [Adjunct Faculty- Teachers College, & Secondary Teacher]
- 30 Lauren Serpagli (EdD, Spring 2017), Social media in the science classroom: Using Instagram with young women to incorporate visual literacy and youth culture [Department Chair, Secondary Teacher]
- 29 Patrick Ashby (PhD, Fall 2015), Critical science education in a suburban high school chemistry class [Adjunct Faculty- Teachers College, & Secondary Teacher]
- 28 Nermeen Dashoush (PhD, Spring 2015), Establishing a community of practice between an elementary educator and a scientist as a means of professional development [Clinical Assistant Professor, Boston University]
- 27 Sarah Hansen (PhD, Spring 2014), Multimodal study of visual problem solving in chemistry with multiple representation through eye-tracking [Associate Professor, Columbia University]
- 26 Arthur Corvo (PhD, Spring 2014), Utilizing the National Research Council's (NRC) conceptual framework for the Next Generation Science Standards (NGSS): A self-study in my science, engineering, and mathematics classroom [Adjunct-Professor, Brookdale Community College, NJ]
- 25 Denise Mahfood (PhD, Sprig 2014), Uncovering Black/African American and Latina/o

- students' motivation to learn science: Affordances to science identity development  
[Instructor, Teachers College]
- 24 Darcy Ronan (PhD, Spring 2014), Science specialists in urban elementary schools: An ethnography examining science-teaching identity and motivation [Sacred Heart University]
- 23 Stefania Macaluso (PhD, Spring 2014), Exploring the development of classroom group identities in an urban high school chemistry class [Adjunct Faculty, Teachers College, & Center for the Professional Education of Teachers]
- 22 Clement Gomes (PhD, Spring 2014), Sounding out science: Incorporating audio technology to assist students with learning differences in science education [Assistant Professor of Biology, CUNY Guttman Community College]
- 21 Gregory Benedis-Grab (EdD, Fall 2014), Exploring cloud-based collaboration in science teacher education [The Packer Collegiate Institute]
- 20 Gustave Ado (EdD, Spring 2014), Exploring Ivorian perspectives on the effectiveness of the current Ivorian science curriculum in addressing issues related to HIV/AIDS
- 19 Jane Marincic Lewinter (EdD, Spring 2013), Factors that support women in being successful in engineering professions: Identity as a lens
- 18 Katemari da Rosa (PhD, Spring 2013), Gender, ethnicity, and physics education: Understanding how black women build their identities as scientists; Fulbright Student, Brazil [Universidade Federal da Bahia, Brazil]
- 17 Gita Bhirman-Raza (PhD, Spring 2012), Using forensic science as a context to enhance scientific literacy
- 16 Alissa Berg (PhD, Spring 2012), De-marginalizing science in the early elementary classroom: Fostering reform-based teacher change through professional development, accountability, and addressing teachers' dilemmas [Associate Director, Science Curriculum and Instruction, Chicago]
- 15 Catherine Quinlan (EdD, Spring 2012), A schema theory analysis of students' think-aloud protocols in an STS biology context [Assistant Professor, Howard University]
- 14 Natasha Cooke-Nieves (EdD, Spring 2011), A collaborative "diagonal" learning network: The role of formal and informal professional development in elementary science reform [Senior Specialist in Science and Teacher Education, American Museum of Natural History]
- 13 Megan Roberts (EdD, Spring 2010), Lesson study: Professional development and its impact on science teacher self-efficacy [Executive Director, Math for America, NY]
- 12 Kathie Moskovitz (EdD, Spring 2010), One eye on the curriculum, one ear on the kids: Elementary teachers' efforts to incorporate student ideas into inquiry science lessons
- 11 Yuqing Yu (PhD, Spring 2010), Adults' decision-making about the electronic waste issue: The role of the nature of science conceptualizations and moral concerns in socio-scientific decision-making
- 10 Amanda Gunning (PhD, Spring 2010), Exploring the development of science self-efficacy



- in preservice elementary school teachers participating in a science education methods course [Department Chair, STEM Center Co-Director, Mercy College]
- 9 Jennie Suzanne Brotman (PhD, Spring 2009), Urban high school students' talk about HIV/AIDS decision-making: Learning, identities, and the influence of school [Director of Service Design, Teaching Matters]
- 8 Lisa Kozlowski (PhD, Spring 2009), Influence of project-based science practices in teaching for diversity [Secondary Science Education]
- 7 Aarti Mallya (PhD, Spring 2009), Extending science beyond the classroom Door: Learning from students' experiences with the *Choice, Control and Change (C3)* curriculum [Founder, The Mind & Body Route]
- 6 Lisa M. Currie (EdD, Spring 2009), Removing the veil: Science performance assessment practices in a regional technical Delaware high school
- 5 Dorothy Patterson-Strange (EdD, Spring 2009), A case study of the implementation of a customized multicultural program in an urban high school
- 4 Meghan E. Marrero (EdD, Spring 2009), Uncovering student conceptions of the ocean: A critical first step to improving ocean literacy [Professor, STEM Center Co-Director, Mercy College]
- 3 Janell Catlin (PhD, Spring 2007), An opportunity for success: Understanding motivation and learning from urban youth participation in an after-school science program [Director, STEM Coalition Partnerships at Discovery Education, NYC]
- 2 Shannon Halpin-Brunt (EdD, Spring 2007), Differentiated instructional practices: A case study of science teachers in a suburban middle school setting
- 1 Janice Kelly, Computing (EdD, Fall 2006), A comparison of prime-time situation comedy fathers and real fathers on involvement, communication and affection [Chair and Professor of Communications and Certified Family Life Educator, Molloy College]

**PhD/EdD Science Education: (Second Reader: Third Reader/Chair)**

- 47 Feyza Dumanoglu (PhD, Spring 2024, chair), Lived experiences of gifted professionals in science
- 46 Sonam Tobgye (PhD, Fall 2023), Multi-compartment network model of science teacher education based on social constructivist principles: Proposing an analytic model for understanding science teacher education practices
- 45 Raaghav Pandya (PhD, Fall 2023), Exploring the impact of Indian contemplative philosophy on learning scientific inquiry in a physics classroom
- 44 Rabi Whitaker (PhD, Science Education, Summer 2022, Chair), Examining validity and coherence in a cognitively-based science performance assessment
- 43 Tyrone Dash II (PhD, Science Education, Spring 2022), Reconceptualizing what it looks like to enact project-based science in urban and multicultural settings: A case study

- 42 Luronne Vaval (PhD, Science Education, Spring 2021, chair), Is it as straightforward as it seems? Examining STEM persistence through the career aspiration histories of high school students
- 41 Rashida Robinson (PhD, Spring 2021), How gender inclusive curriculum affects girls' confidence and interest in science
- 40 Jamie Parker (PhD, Spring 2020), The use of battle rap as a way to engage students in STEM
- 39 Min Jung Lee (PhD, Spring, 2020, Chair), Chemistry teachers' pedagogical content knowledge and belief on integrating proportional reasoning in teaching stoichiometry
- 38 Xioaxin Lyu (PhD, Spring 2019), Assessing in-service secondary science teachers' views of nature of science and competence in understanding scientific argumentation about socio-scientific issues
- 37 Rachel Connolly (PhD, Spring 2019), Teachers' understanding and usage of scientific data visualizations for teaching topics in earth and space science
- 36 Gary Weiser (PhD, Spring 2019, Chair), Developing NGSS-aligned assessments to measure crosscutting concepts in student reasoning of earth structures and systems
- 35 John Russell (EdD, Spring 2018), Professional learning communities and their facilitation for advancing ambitious teaching practices. Associate Director of Quantitative Analysis at EL Education
- 34 Gifty Asanami (PhD, Spring 2018), "Science ain't the enemy" – Exploring the experiences of black and brown girls in a hip-hop based science program
- 33 Melodie Mirth G. Ting (PhD, Spring 2018), Mobile technology in science classrooms: Using iPad-enabled constructivist learning to promote collaborative problem solving and chemistry learning
- 32 Kristina Hopkins (PhD, Spring 2018), Applications of the nature of science to teacher pedagogy through the situation of neuroscience within the context of daily classroom practice
- 31 Jason Wu (PhD, Spring 2017), Assessing bilingual knowledge organization in secondary science classrooms
- 30 Yuna Lyons (PhD, Spring 2017), The effects of pre-reading instructions on the comprehension of science texts
- 29 Lauren Zubiaurre Bitzer (PhD, Spring 2017), The development of reflective thinking and its influence on patient care skills in third year dental students
- 28 Phillip Boda (PhD, Spring 2017), Disability studies, multiculturalism and urban science education: A mixed-methods phenomenography of graduate student learning
- 27 Cyntra Bernardo (PhD, Spring 2017), Integration of culturally relevant pedagogy into the science learning progression framework
- 26 Edmund S. Adjapong (PhD, Spring 2017), Bridging theory and practice: Using hip-hop pedagogy as a culturally relevant approach in the urban science classroom

- 25 Sheila Borges (PhD, Spring 2016), A longitudinal study of implementing reality pedagogy in an urban classroom: The effects, challenges, and recommendations for science teaching and learning
- 24 Cynthia Hamen Farrar (PhD, Spring 2016, Chair), Teachers' instructional goals for science practices: Identifying knowledge gaps using cultural-historical activity theory (CHAT)
- 23 Jeremy Heyman (PhD, Spring 2016), Pathways into STEM among urban, low-income immigrant English language learners: Opportunity, access, and persistence
- 22 Spyridon Varthis (PhD, Spring 2016), Students' perceptions of blended learning and its effectiveness as a part of second year dental curriculum
- 21 Raghda Daftedar (EdD, Spring 2016), What matters? Developing inquiry and multivariable reasoning skills in high school chemistry
- 20 Roopnarain Roopnarine (EdD, Spring 2015), Cultural border crossing in three urban laboratory classrooms: A mixed methods study
- 19 Alison Riley Miller (PhD, Spring 2015), Examining the relationship between physical models and students' science practices
- 18 Diane Crenshaw Jammula (PhD, Spring 2015), Feminist physics education: Deconstructed physics and students' multiple subjectivities
- 17 Anna Karina Monteiro (PhD, Spring 2015), Facilitating cultural border crossing in urban secondary science classrooms: A study of inservice teachers
- 16 Jessica Meizi (PhD, Spring 2015, Chair), Science teachers' perceptions of the relationship between game play and inquiry learning
- 15 Christopher Lazzaro (PhD, Spring 2015, Chair), Evaluation and assessment in the use of the Next Generation Science Standards
- 14 Christi L. Browne (PhD, Spring 2014, Chair), Professional learning communities (PLCs) as a means for school-based science curriculum change
- 13 Cheryl Lyons (PhD, Spring 2014, Chair), Relationships between conceptual knowledge and reasoning about Systems: Implications for fostering systems thinking in secondary science
- 12 Phillip Stewart (PhD, Spring 2013, Chair), Learning the rules of the game: The nature of game and classroom supports when using a concept-integrated digital physics game in the middle school science classroom
- 11 Tanzina Taher (PhD, Spring 2012), Exploring the impact of the implementation of reality pedagogy: Self-efficacy, social capital, and distributed cognition
- 10 Robert Douglas Mirchin (EdD, Spring 2012), An analysis of high school students' perceptions and academic performance in laboratory experiences
- 9 Roseanna Graham (PhD, Spring 2010), The reliability, validity, and usefulness of the Objective Structured Clinical Examination (OSCE) in dental education
- 8 Gou-Li Chiou (PhD, Spring 2009), Exploring beyond mental models: An interview-based study of students' in-depth understanding of heat conduction from a multi-dimensional

- cognitive perspective
- 7 Mary Elizabeth T. Murray-Wilson (EdD, Spring 2009), Using data to inform curriculum, instruction, and professional development in science education
  - 6 Jessica F. Riccio (EdD, Spring 2008), Content area literacy and preservice teacher education: Preparing preservice science teachers to view literacy in service of science teaching
  - 5 Chiara Brandoni (PhD, Spring 2007), Merging divergent thinking with neuropsychology: Implications for research and practice in science education
  - 4 Kathleen St. Louis (PhD, Fall 2010), Parental engagement: Beyond parental involvement in science education
  - 3 Edna Tan (PhD, Spring 2007), Latina girls' identities-in-practice in 6<sup>th</sup> grade science
  - 2 Melina Furman (PhD, Spring 2007), Becoming urban science education teachers by transforming middle-school classrooms: A study of the urban science education fellows program
  - 1 Miyoum Lin (PhD, Spring 2006), Exploring urban children's sense of place

#### **PhD/EdD Second Reader (Within and Outside Department)**

- 17 Nasriah Morrison (PhD, Mathematics Education, Spring 2024), Proof and possibility: Emerging mathematics conceptions, self-efficacy, and identity in the stories of contemporary Black mathematicians
- 16 Lakisha Howell (EdD, Curriculum and Teaching, Spring 2022), Go back and get it: An excavation of conceptions of teacher education and Black education in the Mississippi freedom schools of 1964
- 15 George Nicholson (EdD Music Education, Spring 2020), (Open Market + Deregulation) /Competition = Innovation + Excellence: The experiences of music teachers in the age of neoliberal reform
- 14 Hyeyoung Ghim (EdD Early Childhood Education, Spring 2020), Mapping the identities and experiences of transitional international teachers in early childhood education: Moving from firstspace toward thirdspace
- 13 Julius R. Donisan (EdD Mathematics Education, Spring 2020), An algebraic opportunity to develop proving ability
- 12 Hong Yuan (PhD Mathematics Education, Spring 2018), Modes of acquisition of Shanghai mathematics teachers' pedagogical content knowledge within communities of practice
- 11 Dale Dawes (PhD Mathematics Education, Fall 2017), Effectively implementing an online homework and testing management system to increase student achievement: A student-tailored pedagogical approach
- 10 Nicholas R. McBride (EdD Music Education, Spring 2017), Onstage, off and in-between: Negotiating gay identity and teacher identity in the choral classroom

- 9 Hannah Kye (EdD Curriculum and Teaching, Spring 2017), Using a multicultural social justice framework to analyze elementary teachers' meanings of multicultural science education
- 8 Kiran Purohit (EdD Curriculum and Teaching, Spring 2017), Science teacher Decision-making in a climate of heightened accountability: A rhizomatic case study analysis of two science departments in New York City
- 7 Matthew Scott Rotjan (EdD Music Education, Spring 2017), Exploring the complexity of repertoire selection with school orchestra teachers and their students
- 6 Tina Stinson-DaCruz (EdD Adult Education, Spring 2017), "Only qualified applicants need apply": Exploring the learning perceptions of African American millennial professionals successful at acquiring professional employment
- 5 Robin Walker (EdD Interdisciplinary Studies, Spring 2017), Visualizing science dissections in 3D: Contextualizing student responses to multidimensional learning materials in science dissections
- 4 Blanca Vega (EdD Higher Education, Spring 2015), Beyond racial incidents and apologies: Toward a new understanding of campus racial conflict in higher education
- 3 Anahu Guzman (PhD Mathematics Education, Spring 2015), Mathematics identities of non-STEM major female students
- 2 Simone S. Salmon-Nembhard (EdD Mathematics Education, Fall 2014), Conceptualizing the mathematics success of African American middle school students
- 1 Mark Causapin, (PhD Mathematics Education, Spring 2012), Mathematics self-efficacy and its relation to proficiency-promoting behavior and performance

**PhD & EdD Third Reader-Chair; and Fourth Reader (Outside Program or Outside Department)**

- 55 Katie Harlan Eller (PhD, English Education, Spring 2024), (Re)positioning the compass: White anti-racist literacy and ELA teachers
- 54 L. Patrick Dail (EdD, Adult Education, Spring 2024), Performance feedback: Understanding how supervisors in two mid-west prisons develop their personal practices
- 53 Dyanne Baptiste (EdD, Mathematics Education, Spring 2022, Chair), Analyzing the depth of mathematics within interdisciplinary and traditional mathematics teaching: A phenomenological study
- 52 Jennifer Adele De Cerff (PhD, English Education, Summer 2022), The bodies we write in: Reentry women narrate embodied experiences of writing in graduate education
- 51 Nsenga Magnus Farrell (EdD, Health Education, Summer 2022), 'Separate and somewhat equal': Racial disparity in breast cancer pain treatment for Black women
- 50 Kelsey Darity (EdD, Curriculum and Teaching, Spring 2021), "We need new communities": White teacher educators talk about race
- 49 Rosiane Lesperance (PhD, Human Development, Spring 2021, chair), Skill development, meaningful content, and broad practice as contributors to developing a deep understanding of science

- 48 Eun Jeong (E.J.) Jun (EdD, Urban Education, Spring 2020), Teaching and learning in a multicultural teacher education course: Critically analyzing preservice teachers' reflections and actions
- 47 Katie Nagrotsky (PhD, English Education, Spring 2020), "I'm not teaching writing, I'm just assessing it": Exploring assimilationist writing pedagogies in a new graduate school of education
- 46 Soha Abdelsattar (PhD, Mathematics Education, Spring 2020), Mathematics education in Qatar from 1995 to 2018
- 45 Hanadi Shatara (PhD, Social Studies Education, Spring 2020), The influence of globally oriented teachers' positionalities in world history classrooms
- 44 Jeremy K. Grant (PhD Psychology, Spring 2020), Stereotype threat and undergraduate writing performance
- 43 Rebecca L. Johnson (PhD Mathematics Education, Spring 2020, chair), Listening to the voices that sing a different song: Mathematically successful and socially conscious students of color
- 42 Alyssa SooHoo (EdD Intellectual Disability/Autism, Fall 2019, chair), Respite and well-being among families with children with autism spectrum disorder
- 41 Lauren Fox (PhD Educational Policy and Social Analysis, Spring 2019, chair), Whiteness and power in a previously all-white suburban school district
- 40 Lucretia Glover (EdD Mathematics Education, Spring 2019, chair), Teaching mathematics for social justice: How students in an all-girls independent school setting use mathematics to read and write the world
- 39 O'Rita Johnson (PhD Mathematics Education, Spring 2019), The impact of parent involvement on high-achieving females' mathematics performance and decision to major in science, technology, engineering and mathematics
- 38 Elsy Mecklembourg-Guibert (EdD Health Education, Spring 2019), African American breast cancer survivors' online study of factors related to quality of life: Health status, posttraumatic growth, religiosity/spirituality, social support, partner support, stress, depression, anxiety, and coping self-efficacy
- 37 Theresa Guerriere (Fall 2018), Results of health assessments of disabled students to determine readiness to participate in driver's Education: Implications for providing access to driver education for disabled students
- 36 Gregory Benoit, Mathematics Education (Spring 2018, chair), Mathematics in popular culture: An investigation through internet memes
- 35 Gábor Salopek, Mathematics Education (Spring 2018, chair), Mathematics in popular culture: An investigation through videos
- 34 Tammy Yi, Music Education (Spring 2018), Back of the orchestra: High school students' experiences in alternative seating practices
- 33 William McGuffey (PhD Mathematics Education, Spring 2018), Insights from college algebra students' reinvention of limit at infinity

- 32 Keosha Bond, Health Education (Spring 2015, chair), Diffusing the innovation of e-health on post-exposure (PEP) and pre-exposure prophylaxis (PrEP) using an avatar video targeting African American women: Identifying predictors of uptake
- 31 Lennon Lenny Safe, Mathematics Education (Spring 2015, chair), An investigation of misconceptions in non-stochastic statistics with subjects who completed a first course in statistics
- 30 Keisha McIntosh Allen, Curriculum and Teaching (Spring 2015, chair), (In)visible sons: Exploring the enactment of culturally relevant pedagogy with black adolescent males
- 29 Iesha Jackson, Curriculum and Teaching (Spring 2015, chair), Voicing a need for radical praxis: How race, gender, and age influence the schooling of overage, under-credited African American students
- 28 Minosca Alcantara, Bilingual Education (Spring 2015, chair), Latina's figured world of math and science positionality and identity formation in formal and informal community of practice
- 27 Lori-Anne S. Brogdon, Science Education (Spring 2015, chair), An exploration of administrators' perceptions of elementary science: A case study of the role of science in two elementary schools based on the interactions of administrators with colleagues, science content and state standards
- 26 Dino Sossi, Computing and Technology (Spring 2015, chair), Moving pictures: An exploratory study of the potential role visual media play in promoting affective student response concerning immigration in a multicultural urban classroom
- 25 Andrew Sanfratello (PhD Mathematics Education, Spring 2015, chair), Middle school teachers' perspectives on professional development in mathematical modeling
- 24 Hazel Brown Reid, Anthropology and Education (Spring 2015), Jamaica on a mission: Policies and outcomes in a "post-colonial" attempt to use education reform to advance natural development
- 23 Nathan Alexander (PhD Mathematics Education (Fall 2014, chair), Self-efficacy, identity, and algebra proficiency among high school students
- 22 Anthony Miele (PhD Mathematics Education, Spring 2014), The effects of number theory study on high school students' metacognition and mathematics attitudes
- 21 Nicole C. Taylor-Buckner (PhD Mathematics Education, Spring 2014), The effects of elementary departmentalization on mathematics proficiency
- 20 Terri Lynne Germain-Williams (PhD Mathematics Education, Spring 2014), Mathematical modeling in textbooks at the onset of the Common Core State Standards
- 19 Solymar Ferreras Garriga, Adult Education (Spring 2014), Experience conceptualizing interdisciplinary social and behavioral science based doctoral programs in two US universities and the faculty's and students' perception about the relevance and quality of their programs.
- 18 Richard S. Hyland, Adult Education (Spring 2014), Award winning community college teaching

- 17 Melanie Waynik, Curriculum and Teaching (Spring 2013), Expert teaching practice and the influence of school culture: Three expert teachers, in three different settings, in one city
- 16 Monica Wood, Mathematics Education (Spring 2013, chair), Mathematics education in a Catholic academy during the latter twentieth century
- 15 Andrea C. Hernandez (PhD Mathematics Education, Fall 2013), Exploring algebra based problem solving methods and strategies of Spanish-speaking high school students
- 14 Hasan Shafiq (PhD Mathematics Education, Spring 2013), Examining the effects of gender, poverty and ethnicity on learning algebra, geometry and trigonometry performance in a public high school
- 13 Inbar Aricha-Metzer (EdD Mathematics Education, Spring 2013), The history of Hebrew secondary mathematics education in Palestine during the first half of the twentieth century
- 12 Jennifer R. Shloming (PhD Mathematics Education, Fall 2012), Analysis of mathematical fiction with geometric themes
- 11 Hartono H. Tjoe (PhD Mathematics Education, Spring 2011). Which approaches do students prefer? Analyzing the mathematical problem-solving behavior of mathematically gifted students
- 10 Jenna Van Sickle, Mathematics Education (Spring 2011), A history of trigonometry education in the United States: 1776-1900
- 9 Ifeoma Uzoka-Walker, Mathematics Education (Spring 2009), Nigerian students' perceptions of mathematics in secondary education
- 8 Melissa N. Abramo, Music Education (Spring 2009), The construction of instrumental music teacher identity
- 7 Anayo Ikeme, Health Education (Spring 2008), An internet survey of diabetes
- 6 Natasha Davis, Health Education (Spring 2008), HIV/AIDS and the black church: A qualitative investigation
- 5 Katherine M. Kovarik (PhD Mathematics Education, Spring 2008), Pedagogical content knowledge: Teacher beliefs, teacher self-assessment, and teacher acquisition of pedagogical content knowledge
- 4 Sooyoung Lee, Music Education (Spring 2007), A study of Korean students' adjustment to life in the United States
- 3 Marilyn A. Thompson, Music Education (Spring 2007), W.C. Handy's contribution to African American solo concert vocal music
- 2 Anuradha Patil, Curriculum and Teaching (Fall 2006), The development and implementation of a teacher education model in environmental science education for Indian certificate of secondary education (ICSE) schools
- 1 Elizabeth J. Craig (EdD Curriculum and Teaching, Spring 2006), The construction of the resistant student in teacher education: A genealogical case study



**PhD & EdD Committee Member (Outside Teachers College, Outside USA)**

- 10 Takeisha Pierre (PhD, Spring 2024), Reauthoring the stories of success of STEM and health professional men holding black diasporic identities: A disaggregated approach. University of Florida, FL
- 9 Jennifer Tripp (PhD, Spring 2021). Towards a liberatory framework of science teaching and learning opportunities for racially, ethnically, and linguistically diverse students at an inclusive STEM-focused high school. Syracuse University, NY
- 8 Olayinka Mohorn-Mintah (PhD, Fall 2020), Science identity development of black female secondary science teachers: Stories of resilience, resistance, and struggles for recognition. University of Illinois at Chicago, IL
- 7 Demetrice Smith-Mutegi (EdD, Fall 2020), Factors influencing Black preservice teachers to pursue careers in science teaching: A mixed methods approach. Morgan State University, MD
- 6 Judith Gouraige (PhD, Spring 2020), Urban STEM successes in the Bronx: Moving away from the deficit model. Stony Brook University, NY
- 5 Terrance Burgess (PhD, Spring 2020), "Because I did what she told me to do": Understanding the identity work of elementary students of color in the science classroom and how a teacher's positionality impacts student learning. Syracuse University, NY
- 4 Julieta Soledad de los Santos (PhD, Spring 2018), The relationship between biology teachers' identities and their integration of the outdoors. University of Alberta, Canada
- 3 Janice Bell Underwood (PhD, Spring 2015), A phenomenological case study concerning science teacher educators' beliefs and teaching practices about culturally relevant pedagogy and preparing K-12 science teachers to engage African American students in K-12 science. Old Dominion University, VA
- 2 Edith Blackwell (PhD, Spring 2012), Exploring the positional identity of school science teachers. Morgan State University, MD
- 1 Mr. Waheeb Gasant (PhD, Spring 2012), Gender equity in science education. University of the Western Cape, South Africa (Reader)

**South Africa Doctoral Mentorship (SADM) Program/University of KwaZulu Natal, Durban University of Technology, and University of Zululand** (Faculty Mentor)

- 1 First Cohort, 20 students; mentoring across different programs/content areas

**Teachers College Inaugural Faculty Mentoring Committee** (Faculty Mentor)

- 3 Prof. Whitney J. Erby, Assistant Professor, Psychology and Education (Fall 2023-Fall 2024)
- 2 Prof. Davinia Gregory, Assistant Professor, Art Administration (Fall 2023-Fall 2024)
- 1 Prof. Carolyn Benson, Associate Professor, International and Comparative Education

(Spring 2020)

**EdM & MS Advisor Research Paper Written**

- 6 Tandra Birkett (EdM, Social Studies Education, Co-sponsor, Spring 2019), I too sing, America
- 5 Adnan Ali (MS, Science Education, Spring 2016), Science teacher’s perception about teaching science to English language learners
- 4 Genna Robbins (EdM, Science Education, Spring 2014), “Mees, I no understand”: Using inquiry in a science classroom of diverse cultures, languages, and English proficiencies
- 3 John Fargo (EdM, Science Education, Spring 2014), Flipped classrooms & technology: In what ways can students be engaged in the study of science?
- 2 Erin Murphy (EdM, Science Education, Spring 2012), Concrete experiences and constructivist learning theory: The role of experience and its effect on learning
- 1 Gregory Benedis-Grab (EdM, Science Education, Spring 2010), Herbert Spencer: Getting it right the first time around

**MA Columbia University (Thesis Advisor) (2)**

- 2 Rabiah Choksi (MA, Human Rights Studies, Spring 2023), Written in invisible ink, yearning for color: An analysis of mainstreaming women of color in the K-12 American school system (Research paper)
- 1 Laura Dickinson (MA, Ecology, Evolution, and Environmental Biology, Spring 2009), Learning and experiencing 6<sup>th</sup> grade science on a green roof. Education Track (Research Paper)

**TC MA Advisor (3)**

Selina Glaros (Spring 2010); Deepa Rani (2006-2009); Marissa McDonald (2006-2008)

**Dual MA & Dental Program (4)**

Ryan Foree (2022); Lydia Nieto (2022); Alyssa Patterson (2022); Sukhneet Sahota (2022)

**MA Columbia University (4)**

Department of Ecology, Evolution, and Environmental Biology, Education Track, Enrolled in Elementary Science Methods Course-- Kaitlin Marie Baird (2007-08); Susan Hua (2007-08); Jessica Pownall (2007-08); Laura Dickinson (2008)

**HOSTING/ADVISING VISITING SCHOLARS**

- 
- 9 Ahmed Yasser Mohamed Hammam, Doctoral Candidate (April 2024-August 2024)  
Martin-Luther-Universität Halle-Wittenberg, Germany

- 8 Jaime Sánchez, PhD (Spring 2024-Spring 2025)  
Center for Advanced Research in Education (CARE), University of Chile
- 7 Gry Ellegaard Thorsen, PhD (Spring 2024)  
University of Copenhagen  
Department of Science Education, Research Group: Equity in Science Education
- 6 Melody Russell, PhD (Fall 2022)  
Professor of Science Education, University of Auburn
- 5 Muhammad Ramzan, Doctoral Candidate (January 2022-August 2022)  
Department of Education, The Islamia University of Bahawalpur, Pakistan
- 4 Nam-Hwa Kang, PhD (September 2019-September [March] 2020), cut short due to COVID-19  
Professor of Physics/Science Education, Korea National University of Education
- 3 Eunjeong Ju, PhD (Fall 2017-Fall 2018)  
Assistant Professor of Elementary Education, Republic of North Korea
- 2 Mary Atwater, PhD (Spring 2017, 2016-2017)  
Teachers College Sachs Distinguished Lecturer  
Professor, Department of Mathematics and Science Education, University of Georgia
- 1 Vanashri Nargund-Joshi, PhD (Fall 2014)  
Assistant Professor, Department of Elementary and Secondary Education, Department of Biology, New Jersey City University

### **POSTDOCTORAL FELLOWS**

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- 17 Dr. Sonam Tobgy (Spring 2024-Spring 2027)
- 16 Dr. Andrea Horowitz (Summer 2023-Summer 2024)
- 15 Dr. OreOluwa Badaki (Fall 2022-Fall 2024)
- 14 Dr. Rachel Talbert (Summer 2022-Summer 2023)
- 13 Dr. Alexis Riley (Fall 2021-Fall 2022)
- 12 Dr. Olayinka Mohorn (Fall 2021)
- 11 Dr. Jacquie Horgan (Fall 2020-Fall2022)
- 10 Dr. Kristen Larson (Fall 2020-Fall 2021)
- 9 Dr. Jessica Chen (Spring 2019-Spring 2021)
- 8 Dr. Patrick Ashby (Fall 2016-Fall 2018)
- 7 Dr. Sheila Borges (Fall 20116-Fall 2017)
- 6 Dr. Denise Mahfood (Fall 2014-Fall 2016)
- 5 Dr. Stefania Macaluso (Fall 2014-Spring 2016)

- 4 Dr. Clement Gomes (Fall 2014-Fall 2015)
- 3 Dr. Tanzina Taher (Fall 2012-Spring 2014)
- 2 Dr. Amanda Gunning (Fall 2010-Fall 2012)
- 1 Dr. Janell Catlin (Fall 2007-Fall 2008)