

# Ebony O. McGee, PhD

## Curriculum Vitae

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**Associate Professor of Diversity and STEM Education**  
**Associate Professor of Medicine, Health, and Society (Secondary)**

Department of Teaching and Learning  
Peabody College of Education  
ebony.mcgee@vanderbilt.edu  
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Vanderbilt University  
Box 230, GPC Nashville, TN 37203  
Office: 615-323-2596

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### EDUCATION

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- PhD            **Mathematics Education**  
2003–2009    University of Illinois at Chicago, Chicago, IL  
Department of Curriculum and Instruction, Mathematics Education  
Dissertation Advisor: Dr. Danny B. Martin
- MS            **Industrial Engineering** (GEM Fellowship Alumni)  
1996–1998    New Jersey Institute of Technology, Newark, NJ  
College of Engineering, summa cum laude
- BS            **Electrical Engineering**  
1991–1996    North Carolina Agricultural & Technical State University, Greensboro, NC  
College of Engineering, summa cum laude

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### PROFESSIONAL APPOINTMENTS

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- 2017–present    Department of Teaching and Learning, Peabody College of Education,  
Vanderbilt University, Nashville, TN  
**Associate Professor** of Diversity and STEM Education (with Tenure)
- 2014–2017    Assistant Professor of Diversity and STEM Education
- 2012–2014    Assistant Professor of Diversity and Urban Schooling
- Postdoctoral    Feinberg School of Medicine, Northwestern University, Chicago, IL  
2011–2012    **National Science Foundation Minority Postdoctoral Fellow**  
<http://www.careersresearch.northwestern.edu/>
- Postdoctoral    Department of Comparative Human Development, University of Chicago,  
Chicago, IL  
2009–2010    **National Academy of Education/Spencer Foundation Fellow**
- 2010–present    Scientific Careers Research & Development Group Northwestern University,  
Chicago, IL, **Visiting Researcher**
- Summer 2008    University of Illinois at Chicago, Chicago, IL  
**Research Assistant**, Women in Science and Engineering
- 2005–2006    University of Illinois at Chicago, Chicago, IL  
**Graduate Assistant**, Chancellors Committee on the Status of Blacks

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### FUNDED RESEARCH

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09/01/2019– 08/31/2022

**The Creation of a National Initiative to Augment the Pipeline of URM Entrepreneurs Through the NSF I-Corp Infrastructure (*Collaborative*)**

Sponsor: National Science Foundation, I-Corps

Amount: \$3,498,254

Project PI: The GEM Foundation

Lead PI: Jeffery Robinson, Rutgers University

Co-PIs: **E. O. McGee**, Thema Monroe-White, Berry College, Aileen Huang-Saad, University of Michigan

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1940055](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1940055)

01/01/2020– 12/31/2023

**Institute in Critical Quantitative, Computational, and Mixed Methods Training for Underrepresented Scholars (*Collaborative*)**

Sponsor: WT Grant

Amount: \$400,000

Lead PI: Ezekiel Dixon-Román, University of Pennsylvania

Co-PIs: **E. O. McGee**, Odis Johnson Jr., Washington University in St. Louis

Period of Performance:

04/01/2020– 03/31/2022

**EAGER: Celebrating the successes and identifying the obstacles faced by innovative and entrepreneurial underrepresented women of color (*Collaborative*)**

Sponsor: National Science Foundation, I-Corps

Amount: \$294,994

Lead PI: Thema Monroe-White, Berry College

**Co-PI: E. O. McGee**

01/01/2020– 12/31/2023

**Institute in Critical Quantitative, Computational, and Mixed Methods Training for Underrepresented Scholars (*Collaborative*)**

Sponsor: National Science Foundation, EHR Core Research (ECR): Building Capacity in STEM Education Research (ECR: BCSER)

Amount: \$999,995

Lead PI: Odis Johnson Jr., Washington University in St. Louis

Co-PIs: **E. O. McGee**, Ezekiel Dixon-Román, University of Pennsylvania

[https://nsf.gov/awardsearch/showAward?AWD\\_ID=1937687&HistoricalAwards=false](https://nsf.gov/awardsearch/showAward?AWD_ID=1937687&HistoricalAwards=false)

01/01/2020–12/31/2020

**Institute in Critical Quantitative, Computational, and Mixed Methods Training for Underrepresented Scholars**

Sponsor: Spencer Foundation, CFP Learning Institute

Amount: \$150,000

**Lead PI: E. O. McGee**

Co-PIs: Ezekiel Dixon-Román, University of Pennsylvania, Odis Johnson Jr., Washington University in St. Louis

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[criticalsolars4quantresearch.org](http://criticalsolars4quantresearch.org)

08/01/2019–07/31/2022

### **Understanding Employment Trajectories of Racially Minoritized Engineering PhDs**

National Science Foundation, Broadening Participation in Engineering Education

Amount: \$599,998

Lead PI: **E. O. McGee**

Co-PIs: Dara Naphan-Kingery, Western New Mexico University, and W. H.

Robinson, Vanderbilt University

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1916534&HistoricalAwards=false](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1916534&HistoricalAwards=false)

03/01/2019–02/29/2024

### **Scholarships to Attract and Retain Students in Graduate Engineering and Computer Science Programs**

Sponsor: National Science Foundation, Division of Undergraduate Education

Amount: \$999,998

Lead PI: Francis Williams, Associate Dean, College of Engineering, Tennessee State University

Co-PIs: **E. O. McGee**

<http://www.tnstate.edu/engineering/documents/STARS.pdf>

06/01/2017–02/28/2022

### **The Impact of Racialized Experiences on Doctoral and Postdoctoral Engineering and Computer Science Students of Color STEM Career Trajectories**

Sponsor: National Science Foundation, CAREER Award

Amount: \$1,083,551

Lead PI: **E. O. McGee**

Postdoctoral Researcher: Monica Ridgeway, PhD, Chancellor's Academic Pathways

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1652825&HistoricalAwards=false](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1652825&HistoricalAwards=false)

9/01/2016–8/31/2018

### **Coaching toward the Professoriate: Race and Gender Conscious Mentoring for Black Doctoral Students in Engineering and Computing**

Sponsor: National Science Foundation, Broadening Participation in Engineering Division

Amount: \$889,370

Lead PI: W. H. Robinson

Co-PI: **E. O. McGee**; Postdoctoral Researcher: Dara Naphan-Kingery, PhD

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1642895](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1642895)

8/15/2015–8/15/2018

### **Why We Persist: An Intersectional Approach to Characterizing and Examining the Experiences of Women of Color Tenure-Track Faculty in Engineering (Collaborative Research)**

Sponsor: National Science Foundation

Amount: \$1,586,192

Lead PI: Monica Cox, Professor of Engineering Education, Ohio State University

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Co-PIs: **E. O. McGee**, Joyce Main, Assistant Professor of Engineering Education,  
Purdue University

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1535327&HistoricalAwards=false](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1535327&HistoricalAwards=false)

3/01/2014–2/28/2017

### **Diversity Stalled: Explorations into the Stagnant Numbers of African American Engineering Faculty**

Sponsor: National Science Foundation, Engineering Education and Centers Division

Amount: \$349,988

Lead PI: **E. O. McGee**

Co-PI: W. H. Robinson

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1361025](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1361025)

9/01/2014–8/31/2016

### **BPE-OT: Beyond the Basics: Race and Gender Conscious Mentoring for Black Faculty Candidates in Engineering**

Sponsor: National Science Foundation, Engineering Education and Centers Division

Amount: \$340,663

Lead PI: **E. O. McGee**

Co-PI: W. H. Robinson

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1444908](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1444908)

1/01/2011–8/15/2012

### **From Stereotype Threat to Stereotype Management: Successful Blacks and Latinos in STEM**

Sponsor: National Science Foundation, Postdoctoral Fellowship

Amount: \$120,000

9/01/2009–7/15/2010

### **Investigating Identity and Resilience in Mathematically High-Achieving African American Youth**

Sponsor: Spencer Foundation/National Academy of Education, Postdoctoral Fellowship

Amount: \$55,000

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## **BOOKS UNDER CONTRACT**

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**McGee, E. O.** (In Production). *Black, Brown, Bruised: How Racialized STEM Education Stifles Innovation*. Harvard Education Press.

Estimated Book Release Date: September 2020

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## **PUBLICATIONS**

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*Refereed Articles* (\*Indicates current or prior postdoctoral/doctoral/graduate student co-authorship)

**2020**

## Ebony O. McGee, PhD

**McGee, E. O.** (accept with minor revisions). Interrogating Structural Racism in STEM Higher Education. *Educational Researcher*.

Houston, S. L.,\* Pearman, F. A.,\* & **McGee, E. O.** (in-press). Structures of limited opportunity: Mathematical trajectories of high-achieving Black males in high school. *Journal of Research on Adolescence*.

### 2019

**McGee, Ebony O.** (2019). "Mentoring underrepresented students in STEMM: Why do identities matter?" In National Academies of Sciences, Engineering, and Medicine, *The science of effective mentorship in STEMM*. Washington, DC: The National Academies Press. <https://www.nap.edu/catalog/25568/the-science-of-effective-mentorship-in-stemm>

Ridgeway, M. L.,\* Buenrostro, P., Marshall, S., & **McGee, E. O.** (2019). Cultivating Racial Solidarity among Mathematics Education Scholars of Color to Resist White Supremacy. *The International Journal of Critical Pedagogy*, 10(2), 97-125.

**McGee, E. O.**, & Robinson, W. H. (2019). *Diversifying STEM: Multidisciplinary Perspectives on Race and Gender*. New Brunswick, NJ: Rutgers University Press.  
<https://www.rutgersuniversitypress.org/diversifying-stem/9781978805675>

**McGee, E. O.**, Naphan-Kingery, D. E.,\* Houston, S. L.,\* Leon-Perez, G.,\* Robinson, W. H. (2019). Determinants of Mental Health and Career Trajectories: Rationale and Design of The Engineering and Computing Doctoral Experiences Survey (ECDES). In E. O. McGee and W. H. Robinson (Eds.), *Diversifying STEM: Multidisciplinary Perspectives on Race and Gender*. New Brunswick, NJ: Rutgers University Press.  
<https://www.rutgersuniversitypress.org/diversifying-stem/9781978805675>

**McGee, E. O.**, Naphan-Kingery, D. E.,\* Mustafaa, F.,\* Houston, S.,\* Botchway, P.\* & Lynch, J. \* (2019). Turned Off from an Academic Career while in the Academy: Doctoral Engineering Students and the Reasons Behind their Dissuasion. *International Journal of Doctoral Studies* 14, 277-305. <http://ijds.org/Volume14/IJDSv14p277-305McGee5150.pdf>

Naphan-Kingery, D.,\* Ridgeway, M. L.,\* Brockman, A.,\* McKane, R.,\* Botchway, P.,\* & **McGee, E. O.** (2019). How Diverse Engineering and Computing PhD and Postdoctoral Scholars Develop Career Trajectories Principled on an "Equity Ethic." *Journal of Engineering Education*. <https://doi.org/10.1002/jee.20284>

**McGee, E. O.**, Griffith, D. M., Houston, S.\* (2019). "I Know I Have to Work Twice as Hard and Hope That Makes Me Good Enough": Exploring the Stress and Strain of Black Doctoral Students in Engineering and Computing. *Teachers College Record*. 121(4), 1-38. <http://www.tcrecord.org/Content.asp?ContentId=22610>

**The Voice:** <https://vialogues.com/vialogues/play/51836/>

### 2018

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**McGee, E. O.** (2018). “Asian Fail, Black Genius”: The Detriment of Stereotype Lift and Stereotype Threat in High-achieving Asian and Black STEM Students. *AERA Open*, <https://doi.org/10.1177/2332858418816658>

*\*\*Number 3 among the 10 most read AERA Open articles, from April through September 2019*

Ridgeway, M. L.,\* & **McGee, E. O.** (2018). Black Mathematics Educators: Researching toward Racial Emancipation of Black Students. *Urban Review*, 50(2), 301–322. <https://link.springer.com/article/10.1007%2F311256-018-0452-2>

### 2017

**McGee, E. O.**, & Bentley, L. C.\* (2017). The equity ethic: Black and Latino college students reengineering their STEM careers toward justice. *American Journal of Education*, 124(1), 1-36. <http://www.journals.uchicago.edu/doi/full/10.1086/693954>

**McGee, E. O.**, & Bentley, L. C.\* (2017). The Troubled Success of Black Women in STEM. *Cognition and Instruction*, 35(4), 265-289. <http://dx.doi.org/10.1080/07370008.2017.1355211>

Cox, M., Main, J. B., **McGee, E.O.**, Sanchez-Pena, M. L., Sambamurthy, N., Kim J. S. (June 26, 2017). *Why We Persist: An Intersectional Study to Characterize and Examine the Experiences of Women Tenure-Track Faculty in Engineering*. 2017 American Society for Engineering Education Conference and Exposition. Columbus, OH.

Cox, M., Kim J. S., Sanchez-Pena, M. L. Main, J. B., **McGee, E.O.** (June 26, 2017). *Development of a national survey focusing on the relationships between race, class, and gender on the persistence of women engineering faculty*. 2017 American Society for Engineering Education Conference and Exposition. Columbus, OH.

### 2016

**McGee, E. O.** (2016). Devalued Black and Latino Racial Identities: A Byproduct of College STEM Culture? *American Educational Research Journal*, 53(6), 1626–1662. <https://journals.sagepub.com/doi/abs/10.3102/0002831216676572?journalCode=era>

**McGee, E. O.**, & Stovall D. O. (2016). Reimagining Critical Race Theory in Education: Mental Health, Healing, and the Pathway to Liberatory Praxis. Republished as the center-piece article in the *Harvard Journal of African American Public Policy* (2015-16), 41-60.

**McGee, E. O.**, & Thakore, B. K., & LaBlance, S. (2016). The Burden of Being “Model”: Racialized Experiences of Asian STEM College Students. *Journal of Diversity in Higher Education*. 10(3), 253-270. <http://dx.doi.org/10.1037/dhe0000022>

**McGee, E. O.**, White, D. T.,\* Jenkins, A. K.,\* Bentley, L.,\* Houston, S.,\* Smith, D.,\* Robinson, W., & Botchway, P. K.\* (2016). The Motivation behind PhD attainment for Black engineering doctoral students: Passion plus purpose. *Journal for Multicultural Education*, 10(2), 167-193. <http://dx.DOI/10.1108/JME-01-2016-0007>

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**McGee, E. O.**, & Kazembe, L. (2016). Entertainers or education researchers? Challenges associated with presenting while Black. *Race, Ethnicity, and Education*, 19(1), 96–120. Online version: <http://www.tandfonline.com/doi/full/10.1080/13613324.2015.1069263>.

Robinson, W. H., **McGee, E. O.**, Bentley, L. C.,\* Houston S. L. II,\* & Botchway, P. K.\* (2016). Addressing Negative Racial and Gendered Experiences That Discourage Academic Careers in Engineering. *Computing in Science & Engineering*, 18, 29-39. Online version: <http://ieeexplore.ieee.org.proxy.library.vanderbilt.edu/xpl/articleDetails.jsp?arnumber=7426289>

**McGee, E. O.** (2016). Missing in the numbers: Examination of teacher and racial identities. In D. White, S. Crespo, & M. Civil, (Eds.), *Cases for teacher educators: Facilitating conversations about inequities in mathematics classrooms*. Charlotte, NC: Information Age Publishing.

Sanchez-Peña, M., Main, J. N., Cox, M., & **McGee, E. O.** (2016). *The factors affecting the persistence of Latina faculty: A literature review using the intersectionality of race, gender, and class*. Published paper in 2016 The Institute of Electrical and Electronics Engineers Frontiers in Education, Annual Conference and Exposition proceedings, Erie, PA. <http://ieeexplore.ieee.org/document/7757519/>

### 2015

**McGee, E. O.** (2015). Robust and fragile mathematics identities: A framework for exploring racialized experiences and high achievement among Black college students. *Journal of Research in Mathematics Education*, 46(5), 599-625. Online Version: <http://www.nctm.org/Publications/Journal-for-Research-in-Mathematics-Education/2015/Vol46/Issue5/Robust-and-Fragile-Mathematical-Identities-A-Framework-for-Exploring-Racialized-Experiences-and-High-Achievement-Among-Black-College-Students/>

**McGee, E. O.**, & Stovall D. O. (2015). Reimagining Critical Race Theory in Education: Mental Health, Healing, and the Pathway to Liberatory Praxis. *Educational Theory*, 65(5), 491-511. <http://onlinelibrary.wiley.com/doi/10.1111/edth.12129/abstract>

**McGee, E. O.**, & Alvarez, A., & Milner, H. R. (2015). Colorism as a salient principle of race in teacher preparation. *Theory into Practice*, 55(1), 1–10. <https://www.tandfonline.com/doi/abs/10.1080/00405841.2016.1116882>

**McGee, E. O.** & Spencer, M. B. (2015). Black Parents as Advocates, Motivators, and Teachers of Mathematics. *The Journal of Negro Education*, 84(3), 473–490. <http://doi.org/10.7709/jnegroeducation.84.3.0473>

**McGee, E. O.**, & Pearman, F. A. (2015). Understanding Black male mathematics high achievers from the inside out: Internal risk and protective factors in high school. *Urban Review*, 47(3), 513–540. DOI 10.1007/s11256-014-0317-2 Online version:

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[http://link.springer.com/article/10.1007/s11256-014-0317-2?sa\\_campaign=email/event/articleAuthor/onlineFirst](http://link.springer.com/article/10.1007/s11256-014-0317-2?sa_campaign=email/event/articleAuthor/onlineFirst)

**McGee, E. O.**, Robinson, W. H., Bentley, L. C.,\* & Houston, S. L. \*(2015). *Diversity stalled: Explorations into the stagnant numbers of African American engineering faculty*. Published paper in the American Society for Engineering Education for the Annual Conference and Exposition proceedings, Seattle, WA.

Robinson, W. H., **McGee, E. O.**, Bentley, L. C.,\* Houston S. L.\* & Botchway, P. K.\* (2015). *Racial and gendered experiences that dissuade a career in the professoriate*. Published paper in Research on Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT), Charlotte, NC. DOI: 10.1109/RESPECT.2015.7296500

### 2014

**McGee, E. O.** (2014). When it comes to the mathematics experiences of Black preservice teachers . . . race matters. *Teachers College Record*. 116(6), 1–50. Online Version: <https://www.tcrecord.org/ExecSummary.asp?contentid=17469>

**McGee, E. O.**, & Pearman, F. A. (2014). Risk and protective factors in mathematically talented Black male students: Snapshots from K through eighth grade. *Urban Education*, 49(4), 363–394. <https://journals.sagepub.com/doi/abs/10.1177/0042085914525791>

**McGee, E. O.**, & Hostetler, A. L. (2014). Historicizing mathematics and mathematizing social studies for social justice: A call for integration. *Equity & Excellence in Education*, 47(02), 208–229. <https://www.tandfonline.com/doi/abs/10.1080/10665684.2014.900428>

**McGee, E. O.**, & Spencer, M. B. (2014). The development of coping skills for science, technology, engineering, and mathematics students: Transitioning from minority to majority environments. In C. C. Yeakey, V. L. Sanders, & A. Wells (Eds.), *Urban marginality: Youth, cities and neighborhoods in transition* (pp. 351–378). Lanham, MD: Lexington Books.

Milner, H. R., Allen, Q., & **McGee, E. O.** (2014). A framework for thinking and talking about race with teachers. In F. Bonnor (Ed.), *Frameworks and models of Black male success: A guide for p-12 and postsecondary educators* (pp. 25–42). Sterling, VA: Stylus Publishing.

### 2013

**McGee, E. O.** (2013). High-achieving Black students, biculturalism, and out-of-school STEM learning experiences: Exploring some unintended consequences. *Journal of Urban Mathematics Education*, 6(2), 20–41. <http://ed-osprey.gsu.edu/ojs/index.php/JUME/article/view/178>

**McGee, E. O.** (2013). Threatened and placed at risk: High achieving African American males in urban high schools. *Urban Review*, 45(4), 448–471. [https://link.springer.com/article/10.1007/s11256-013-0265-2](http://link.springer.com/article/10.1007/s11256-013-0265-2)



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**McGee, E. O.** (2013). Young, Black, Mathematically Gifted, and Stereotyped. *High School Journal*, 96(3), 253–263.

[https://www.jstor.org/stable/23351977?seq=1#metadata\\_info\\_tab\\_contents](https://www.jstor.org/stable/23351977?seq=1#metadata_info_tab_contents)

Madyun, N., Williams, S., **McGee, E. O.**, & Milner, H. R. (2013). On the importance of African American faculty in higher education: Implications and recommendations.

*Journal of Educational Foundations*, 27(3–4), 65–84. <https://eric.ed.gov/?id=EJ1065656>

Milner, H. R., Pabdon, A. J., Woodson, A., & **McGee, E. O.** (2013). Teacher education and Black male students in the United States. *Multidisciplinary Journal of Educational Research*, 3(3), 235–263.

[hipatiapress.com/hpjournals/index.php/remie/article/download/remie.2013.15/pdf](http://hipatiapress.com/hpjournals/index.php/remie/article/download/remie.2013.15/pdf)

Milner, H. R., & Pearman, F. A., & **McGee, E. O.** (2013). Critical race theory, interest convergence, and teacher education. In M. Lynn & A. D. Dixson (Eds.), *The handbook of critical race theory in education* (pp. 339–354). New York: Routledge Press.

**McGee, E.O.** (2013). Growing up Black and brilliant: *Counterstorytelling* of two mathematically high achieving college students. In J. Leonard & D. B. Martin (Eds.), *Beyond the numbers: Shaping policy discourse vis-à-vis the brilliance of Black children in mathematics* (pp. 247–272). Charlotte, NC: Information Age Publishing.

### 2012

Henfield, M. S., & **McGee, E. O.** (2012). Intentional teacher-school counselor collaboration: Utilizing culturally relevant frameworks to engage Black males. *The Interdisciplinary Journal of Teaching and Learning*, 2(1), 34–48.

Terry, C. L., Sr., & **McGee, E. O.** (2012). “I’ve come too far, I’ve worked too hard!” Reinforcement of support structures among Black male mathematics students. *Journal of Mathematics Education at Teachers College*, 3(2), 73–85. <http://journals.tc-library.org/index.php/matheducation/article/view/875>

**McGee, E. O.** (2012). ‘What does race have to do with math?’ Relationships between racial-mathematical socialization, mathematical identity, and racial identity. Commentary on English-Clarke, Slaughter-Defoe, and Martin. In D. T. Slaughter-Defoe (Ed.): *Racial stereotyping and child development*. Contributions to Human Development, Vol. 25 (pp. 87–89). Basel, Switzerland: Karger.

**McGee, E. O.**, & Spencer, M. B. (2012). Theoretical analysis of resilience and identity: An African American engineer’s life story. In E. Dixon-Román & E. W. Gordon (Eds.), *Thinking comprehensively about education: Spaces of educative possibility and their implications for public policy* (pp. 161–178). New York, NY: Routledge.

Spencer, M. B., Dupree, D., Tinsley, B., **McGee, E. O.**, Hall, J., Fegley, S. G., & Elmore, T. G. (2012). Resistance and resiliency in a color-conscious society: Implications for learning and teaching. In K. R. Harris, S. Graham, T. Urdan (Editors-in-Chief), C. B.

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McCormick, G. M. Sinatra, & J. Sweller (Associate Editors), *APA educational psychology handbook: Vol. 1. Theories, constructs, and critical issues* (pp. 461–494). Washington, DC: American Psychological Association.

### 2011

**McGee, E. O.**, & Martin, D. B. (2011). “You would not believe what I have to go through to prove my intellectual value!”: Stereotype management among academically successful Black mathematics and engineering students. *American Education Research Journal*, 48(6), 1347–1389. <http://dx.doi.org/10.3102/0002831211423972>

**McGee, E. O.**, & Martin, D. B. (2011). From the hood to being hooded: Case study of a Black male PhD. *Journal of African American Males in Education*, 2(1), 46–65.

**Evaluation Report:** Gholson, M., **McGee, E. O.**, Washington, D., & Martin, D. B. (2011). Looking forward and back: Year 0 evaluation report of Young People’s Project Algebra Labs Program.

### 2009

Martin, D. B., & **McGee, E. O.** (2009). Mathematics literacy for liberation: Knowledge construction in African American context. In B. Greer, S. Mukhopadhyay, S. Nelson-Barber, & A. Powell (Eds.), *Culturally responsive mathematics education* (pp. 146–158). Mahwah, NJ: Lawrence Erlbaum Associates.

### 2005

**McGee, E. O.** (2005). *Chronicles of success: Black students achieving in mathematics, science and engineering*, 2005 Success Summit of the African American Success Foundation, Fort Lauderdale, FL. Published online: <http://www.blacksuccessfoundation.org/> (peer reviewed and accepted for publication via national competition).

### Commissioned report

**McGee, E. O.** (2018). *The Role of Identity in Mentorship in STEMM*. Committee on the Science of Effective Mentoring in STEMM of The National Academies of Sciences, Engineering, and Medicine. Washington, D.C.

### Revise and resubmit manuscripts

**McGee, E. O.** Fear, Fuel, and Fire!: Black STEM Doctoral Students’ Career Decision-Making in the Trump Era.

Main, J.B., Tan, L., Cox, M.F., McGee, E.O., & Katz, A. Organizational demography: Correlates with the representation of women of color faculty in engineering. *Journal of Engineering Education*. (Revise & resubmit).

### Manuscripts under review

## Ebony O. McGee, PhD

**McGee, E.O.** Black and (Color)Blind: Why are High-achieving Black Students Socialized Downplay Race and Racism?

**McGee, E.O.**, Botchway, P. K.,\* Naphan-Kingery, D.,\* Houston, S. L.,\* Smith, D.\* & Brockman, A.\* Positioned as the Impostor: Acknowledging the Role of Racism in Arranging Impostors in STEM.

**McGee, E.O.**, Miles, M.L.,\* Naphan-Kingery, D.,\* & Joseph, O. Black Faculty Tug-of-War between Extra Labor and the Sense of Responsibility to Serve.

Main, J.B., Cox, M.F., **McGee, E.O.**, Tan, L., & Berdanier, C. Trends in the underrepresentation of women faculty of color in engineering (2005-2016). *Journal of Women and Minorities in Science and Engineering*.

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### Articles in progress

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**McGee, E. O.**, Miles, M.L.,\* Cox, M., & Main, J. Why Do They Persist?: Women of Color faculty in engineering departments.

**McGee, E. O.**, Monroe-White, T., Li, T. The Trump administration and the future of the U.S. engineering workforce: Causes for concern and action (Research).

Monroe-White, T., **McGee, E. O.**, & Li, T. International doctoral STEM students are afraid of their future in America.

White, D.T.,\* Miles, M.L.,\* & **McGee, E. O.** From my intersection: Black Men's perceptions of the marginalization of women in engineering and computing departments.

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### AWARDS AND HONORS

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2018 Organization of Black Graduate and Professional Students (OBGAPS)  
Distinguished Faculty Award

2018 2018–2020 Chancellor's Faculty Fellow, Vanderbilt University

2018 Finalist for the 2018 Critical Educators for Social Justice Revolutionary Mentor Award

2017 First African American woman to earn promotion with tenure in Vanderbilt University's Peabody College of Education and Human Development

2017 Member of the External Advisory Committee of the Center for the Advancement of STEM Leadership (CASL)

2017 Vanderbilt Fall Faculty Assembly Assembler with presentation entitled; "Beyond Recruiting...Retaining Faculty of Color: Powerful Lessons from Black Faculty"

## Ebony O. McGee, PhD

- 2017 The Office for Equity, Diversity and Inclusion Seed Grant (\$10,000), Vanderbilt University
- 2017 Center for Urban Education Visiting Scholar, Center for Urban Education, the Summer Educator Forum, University of Pittsburgh, Pittsburgh, PA
- 2016 Finalist Global Engineering Deans Council Airbus Diversity Award
- 2016 Chancellor's Research Awards for Diversity, Equity, and Inclusion
- 2016/7 Provost's Distinguished Visiting Scholar at Washington University in St. Louis
- 2015 Most popular Vanderbilt University research story of 2015: Black academics expected to 'entertain' when presenting, new study says: <http://news.vanderbilt.edu/2015/08/black-academics-expected-to-entertain-when-presenting-new-study-says/>
- 2015 INSIGHT into Diversity 2015 Inspiring Women in STEM National Award
- 2015 American Educational Research Association's Scholars of Color Early Career Contribution Award, Chicago, IL
- 2014 UIC College of Education Distinguished Alumni Award, Chicago, IL
- 2014 "42 under 40" Distinguished Alumni, Jackie Robinson Foundation, New York, NY 2011
- 2011 Summer Addiction Research Training Institute. African American Researchers and Scholars Workgroup of the National Institute on Drug Abuse, Morehouse College, Atlanta, GA
- 2011 Facing History's Race and Membership Summer Fellow, Chicago, IL
- 2009. American Educational Research Association Division G: The Social Context of Education 2010 Outstanding Dissertation Award
- 2010. Spencer Exemplary Dissertation Awards Finalist
- 2009 Fellow, Emerging Scholars Interdisciplinary Network Summer Program in Applied Multi-Ethnic Research at ICPSR, University of Michigan
- 2009 AERA and the Hechinger Institute on Education and the Media Course Award Recipient, San Diego, CA
- 2005. American Educational Research Association Minority Fellow Finalist (unable to accept)
- 2006 American Psychological Association Doctoral Research Seminar Fellow

## Ebony O. McGee, PhD

- 2005 Exemplary Graduate Mentor Award for Undergraduate Research and Leadership Activities, Institute for Research on Race and Public Policy, University of Illinois at Chicago
- 1998 Graduate Representative of the Year, Graduate College, New Jersey Institute of Technology, Newark, New Jersey
- 1996 Ralph Ward Achievement Award for highest graduating GPA of nationwide graduating Jackie Robinson Scholarship recipients, New York

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### **PREDOCTORAL FELLOWSHIPS AND SCHOLARSHIPS**

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- 2007–2008 Abraham Lincoln Fellowship, University of Illinois at Chicago (\$25,000 + tuition for one year)
- 2007–2008 Jackie Robinson Foundation “Extra Innings” Graduate Fellowship (\$10,000)
- 2006–2007 Spencer Dissertation for Research Related to Education Fellow (\$25,000)
- 2006–2007 Association for the Study of Higher Education/Lumina Foundation, Dissertation Fellow (\$14,000)
- 2005–2006 Dr. Martin Luther King Scholarship, Graduate College, University of Illinois at Chicago (\$5,000)
- 2004–2005 Lydia Donaldson Tutt-Jones Memorial Research Grant for Dissertation Pilot Study, African American Success Foundation, Fort Lauderdale, FL (\$5,000)
- 2003–2006 Diversifying Faculty in Illinois Fellowship (\$21,000 + tuition for 2 years)
- 1996–1998 Fellowships for Graduate Minorities in Engineering and Science (GEM: \$8,000 + tuition for two years)
- 1991–1996 Jackie Robinson Foundation National Scholarship funded by General Electric (\$24,000)
- 1991–1996 General Motors Scholarship (\$10,000)
- 1991–1993 Roothbert Fund National Fellowship (\$4,000)
- 1991–1992 Alpha Kappa Alpha National Scholarship (\$1,000)

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### **INVITED PRESENTATIONS**

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#### **2020**

Panelist, “Transforming STEM Education Toward Equity and Social Justice: Insights from Research and Organizational Stakeholders.” American Educational Research Association, Presidential Session. San Francisco, CA. April 17-21, 2020.

#### **2019**

Keynote Speaker, “Challenges and Opportunities in Relation to Race, Ethnicity Nationality and Gender: Changing Demographics in STEM and the HBCU Context.” Center for the Advancement of STEM Leadership. North Carolina A&T State University, Greensboro, NC. November 22, 2019.

## Ebony O. McGee, PhD

Panelist, “On Attracting and Retaining Underrepresented Students of Color in STEM.” NASA Office of STEM Engagement Sparking STEM Interest Forum. NASA Headquarters, Washington, DC. July 24, 2019.

Keynote Speaker, “Retaining and Grooming Success Among Diverse STEM Students: Changing the Academy, Enriching the Corporate Arena.” 25<sup>th</sup> National Conference on Diversity, Race & Learning. Office of Diversity and Inclusion. The Ohio State University, Columbus OH. May 6, 2019.

Workshop Speaker, “Research 1 vs. Teaching Institution, Public vs. Private: Do the Details Really Matter?” 2019 Title III Scholars Symposium. The Graduate College. North Carolina Agricultural and Technical State University, Greensboro, NC. March 22, 2019.

Keynote Speaker, “Your Comeback from Racial Blowback.” Office of Graduate Education Ignite Series. Massachusetts Institute of Technology. Boston, MA. March 18, 2019.

Colloquium Speaker. “The Inequality of STEM in Higher Education: The Cost of Exclusion.” The Center for Mathematics Education. University of Maryland, College Park. February 28, 2019.

## 2018

Keynote Speaker, Great Minds, Brave Spaces Speaker Series. Worcester Polytechnic Institute, Worcester, MA. December 6, 2018.

Panelist for 2018 National Academy of Education/Spencer Fall Fellows Retreat. Washington, DC. November 14-15, 2018.

Workshop Speaker, “Inequality: The Untold History of STEM in the United States.” Race, Inequality, Language, in Education: An Exploration of Interdisciplinary Research: Redefining Problems, Reimagining Possibilities & Redesigning Educational Futures Conference. Stanford University. Stanford, CA. Oct. 19, 2018.

Panelist, From Martin Luther King Jr to Black Lives Matters: 50 Years of Struggle Symposium, Peabody College. Vanderbilt University, Nashville, TN. September 20, 2018.

Keynote Speaker, On the culture of STEM Education in Nigeria and the United States Symposium. Obafemi Awolowo University, Ife-Ife, Nigeria. July 6-7, 2018.

Keynote Speaker, The Post-baccalaureate STEM Education and Career Trajectories for Nigerians in Nigeria and the United States Symposium. Technical University. Ibadan, Nigeria. July 1–3, 2018.

Panelist, Advancing Collective Understanding of Intersectionality as a Tool for (Re)Centering Race in a Post-Racial Era Symposium. 2018 National Conference on Race

## Ebony O. McGee, PhD

and Ethnicity in American Higher Education Conference. New Orleans, LA. May 29–June 2, 2018.

Panelist, Afrofuturism, Black Futures Symposium, co-hosted by Equity Alliance, Conscious Conversations, Black in Tech Nashville, Take Off Your Cool, Pacfest, and Google Fiber. Nashville, TN. February 13, 2018.

### 2017

Keynote Speaker, “Leading Change in Relation to Race, Ethnicity, Nationality, and Gender: Changing Demographics on HBCU Campuses.” Conference on Emerging Academic Leaders on Broadening Participation in the STEM fields at 18 Historically Black Colleges and Universities (HBCUs): Center for the Advancement of STEM Leadership, Washington, DC. October 13, 2017.

Keynote Speaker, “Devalued Racial Identities of Color: A Consequence of Institutional Culture.” Center for Urban Education Summer Educators Forum. University of Pittsburgh, Pittsburgh, PA. June 19–21, 2017.

Keynote Speaker, Stress of Success – The Health of High-Achieving Students of Color. Massachusetts Institute of Technology, Boston, MA. May 6, 2017.

Keynote Speaker, “Impostor: All in Your Head or Manufactured by Design?” Northwestern University, Evanston, IL. April 20, 2017.

Workshop Speaker (with W. H. Robinson), “Black Engineers Matter?” Academic Research Leadership Conference and the National Society of Black Engineers. Engineering Your Foundation, 43rd Annual Convention. Kansas City, MO. March 29, 2017.

Keynote Speaker, “The Troubled Success of Black and Latinx Students in College STEM.” National Science Foundation (NSF) Principal Investigators/Program Directors Meeting for the Historically Black Colleges and Universities Undergraduate (HBCU-UP) and Centers of Research Excellence in Science and Technology (CREST) programs. Washington, DC. March 2, 2017.

### 2016

Panelist, “Marginality and Success: The University Experience and the Mental Health of Students and Emerging Adults of Color.” *Young, Gifted and @Risk* Symposium. Washington University, in partnership with the Steve Fund. St. Louis, MO. November 11, 2016.

Panelist, “Status and Overview of HBCU STEM/R&D Performance and Trends in Investments in STEM, Innovation and Entrepreneurship.” White House Initiative on Historically Black Colleges and Universities, 2016 National HBCU Week Conference. Arlington, VA. October 26, 2016.

## **Ebony O. McGee, PhD**

Keynote Speaker, “Ain’t I a Black Woman in STEM?” Women in STEM Conference. Pulaski Technical College. Little Rock, AR. September 30, 2016.

Panelist, “A Look Forward at HBCUs, African Americans, & STEM.” National Convening on HBCUs as Leaders in STEM, Penn Center for Minority Serving Institutions. University of Pennsylvania. Philadelphia, PA. September 23-25, 2016.

Keynote Speaker, “It’s Not Just in Your Head: Institutional Contexts that Position Black STEM Students as Impostors and What You Can Do About It.” United Negro College Fund, STEM Scholars Program Orientation and Student Leadership Summit. Emory University Conference Center, Atlanta. July 30, 2016.

Speaker, Mental Health Matters Symposium for Massachusetts Institute of Technology Graduate Students of Color. Massachusetts Institute of Technology, Boston, MA. July 6, 2016.

Keynote Speaker, “Making Diversity Work for Swanson School of Engineering.” & Creating an Inclusive Academic Culture That Supports the Success of Underrepresented Minority PhD Students. Professional Development Workshop with Engineering Deans and Administrators. Swanson School of Engineering. University of Pittsburgh, PA. April 25, 2016.

Speaker, “Reflections for the Sista Scholar Melissa Harris Perry. The Politics of Health in the U.S. South.” The Center of Health Medicine, and Society. Vanderbilt University, Nashville, TN. March 17, 2016.

## **2015**

Keynote Speaker, “It's Not Just in Your Head!: Departmental Practices that Position Black Doctoral Engineering Students as Impostors.” Doctoral Engineering Education Symposium, Purdue University. Lafayette, IN. December 15, 2015.

Featured Panel Speaker, “Addressing Equity and Diversity Issues in Mathematics Education.” 37th Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education. East Lansing, MI. November 5, 2015.

Featured Panel Speaker, “Surviving STEM while Black: Coping with Racism.” Inclusive Astronomy 2015 Conference, Vanderbilt University. Nashville, TN. June 18, 2015.

Featured Panel Speaker, “Mapping a Career as a Critical Race Scholar.” Critical Race Studies in Education Association Conference, Vanderbilt University. Nashville, TN. May 27, 2015.

Keynote Speaker, “Developing a Love (or Strong Affinity) for STEM: Best Practices from Successful African American STEM Students.” Center for Urban Education Visitor Scholar Conference: Educating African American Students, University of Pittsburgh. Pittsburgh, PA. March 2015.



## Ebony O. McGee, PhD

Featured Panel Speaker, “Achieving Undergraduate STEM Matriculation While Black.” 42nd Anniversary Jackie Robinson Foundation Mentoring and Leadership Conference. New York, NY. March 2015.

### 2014

Speaker, “Physical Science, Physical Trauma: African American STEM College Students Struggling with their Health.” National Society of Black Physicists Symposium. Washington, DC. November 2014.

Keynote Speaker (with D. O. Stovall), “Dying to Succeed: Achievement, Struggle and Radical Healing for Students of Color in STEM.” Louis Stokes Alliances for Minority Participation Conference, Nebraska Wesleyan University. Omaha, NE. September 2014.

Keynote Speaker, “Infusing African American Studies Curriculum in STEM: A Focus on the Intersectionality of Youth and Black Culture.” Chicago Public Schools, African and African American Studies Curriculum Professional Development, DuSable Museum of African American History. Chicago, IL. August 2014.

Keynote Speaker, “STEMming the Dream. High-achieving Marginalized STEM Talent: Young, Gifted, Robust Yet Fragile.” Visiting Scholar at the Graduate School of Education, University of Pennsylvania. Philadelphia, PA. February 2014.

### 2013

Speaker, “They All Wanted to Be Astronauts: Black and Latino Aerospace Engineers Discuss Their Uncertain Futures.” Race in Space to Explore Issues of Race, Culture, and Nationality in Space, Duke University. Raleigh, NC. October 2013.

Speaker, “Fragile and Robust Identity Trajectories in Mathematically Talented Black Male Students: Snapshots from K through 8th Grade.” National Science Foundation Focusing on Gender Identity and Its Influence on Interest, Engagement, and Achievement of Males of Color in Science and Mathematics. Warrenton, VA. June 2013.

Speaker, “Fragile and Robust Identity Development in Mathematically Talented Black High School Males.” Curriculum, Cognition, to Cultural Relevance: Bridges Over Troubled Waters. National Council of Teaching Mathematics, Benjamin Banneker Presidential Session Denver, CO. April 2013.

Keynote Speaker, “Exploring Three Levels of Gender Bias in Science, Technology, Engineering, and Mathematics Education.” Central State University’s Sonia Kovalevsky Day, Association for Women in Mathematics. Wilberforce, OH. March 2013.

### 2012

Speaker, “Taking Affirmative Actions: How Underrepresented Students Manage Stereotypes and Policy-Related Threats to Their Identities.” Presidential Session, the

## Ebony O. McGee, PhD

Association for the Study of Higher Education: *Freedom to Learn*, Las Vegas, NV.  
November 2012.

Speaker, “Expanding Cross-Disciplinary Dialogue in the Postdoctoral Community.”  
National Science Foundation and the National Postdoctoral Association. Washington,  
DC. April 2012.

### 2007–2010

Speaker, “Chitown Counterstories: Black Teens Achieving in Mathematics.” Responsive  
Teaching Agile Mind User Conference, Chicago Public Schools. Chicago, IL. February  
2010.

Keynote Speaker, “Say It Loud: I’m Successful, Black and Proud!” Success Summit,  
African American Success Foundation. Fort Lauderdale, FL. October 2008.

Speaker, “Ain’t I a Scientist?: Reflections on Being a Black Woman in STEM.” CEOSE  
Mini-symposium on Women of Color in STEM: Perspectives on Experiences, Research,  
Evaluation, and Policy in Higher Education and Careers. Arlington, VA. October 2009.

Guest Speaker, “The Black relationship GAP.” Chicago Tonight, WTTW’s Channel 11  
Public Television Station. Chicago, IL. February 2007.

Panelist, “I Am Technology: The State of Blacks in Higher Education.” Illinois Institute  
of Technology. Chicago, IL. February 2007.

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## PEER-REVIEWED NATIONAL CONFERENCE PRESENTATIONS AND PAPERS

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### 2020

Robinson, J., Huang-Saad, A., Monroe-White, T., **McGee, E.O.**, Bradley, J. “In Search  
of Inclusive Innovation: Emerging Research and Interventions.” 80th Annual Meeting  
of the Academy of Management. Vancouver, Canada. August 7-11, 2020.

Robinson, J., Huang-Saad, A., Monroe-White, T., **McGee, E.O.**, Bradley, J. “Inclusive  
Innovation in Technology Entrepreneurship.” 80th Annual Meeting of the Academy of  
Management. Vancouver, Canada. August 7-11, 2020.

Aldridge, J., Yoon, S. Y., Cox, M. F., Main, J. B., & **McGee, E. O.** “Validation of the  
Climate Scale in the Persistence of Engineers in The Academy Survey (PEAS).”  
Proceedings of the 127th American Society for Engineering Education Annual  
Conference and Exposition, Montreal, Quebec. June 21-24, 2020.

Miles, M., Cox, M., & **McGee, E. O.** “An Investigation of Institutional and Non-  
institutional Factors That Aid in Persistence Among Women of Color Engineering  
Faculty.” American Educational Research Association. San Francisco, CA. April 17-21,  
2020.

## Ebony O. McGee, PhD

Aldridge, J.L., Yoon, S.Y., Cox, M.F., **McGee, E.O.**, & Main, J.B. “Workplace Climate for Science and Engineering Faculty: Intersectionality with Gender, Race/Ethnicity, and Social Class.” American Educational Research Association. San Francisco, CA. April 17-21, 2020.

### 2019

Aldridge, J.L., Yoon, S.Y., Cox, M.F., **McGee, E.O.**, & Main, J.B. “Workplace Climate: Comparison of Science and Engineering Faculty Perceptions by Gender.” 49th Annual Frontiers in Education (FIE) Conference (proceedings): Cincinnati, OH. June 17, 2019. **2019 ASEE/IEEE Frontiers in Education Conference Best Diversity Paper Award Winner**

Aldridge, J.L., Yoon, S.Y., Cox, M.F., Main, J. & **McGee, E.O.** “Development of the Persistence of Engineers in the Academy Survey (PEAS). 126<sup>th</sup> American Society for Engineering Education Annual Conference and Exposition (proceedings): Tampa, FL. June 16, 2019.

Aldridge, J.L., Yoon, S.Y., **McGee, E.O.**, Main, J. & Cox, M.F. “Workplace Climate: Comparison of Science and Engineering Faculty Perceptions by Gender.” 49<sup>th</sup> Annual Frontiers in Education Conference (proceedings): Cincinnati, OH. June 18, 2019.

White, D., Ridgeway, M.L., **McGee, E.O.** “We See You: Black Men’s Perceptions of the Marginalization of Black Women in Engineering and Computing Departments.” 2019 Critical Race Studies in Education Association Annual National Conference in Los Angeles, CA. May 30-31, 2019.

Botchway, P., Ridgeway, M.L., **McGee, E.O.**, & Crooks, D. “Black Engineering and Computing Faculty Perceptions of Diversity Initiatives.” American Society of Electrical Engineering, Collaborative Network for Engineering and Computing Diversity, Crystal City, VA. May 18, 2019.

Botchway, P., Ridgeway, M.L., **McGee, E.O.**, & Crooks, D. “Mixed Reviews on Diversity Initiatives: Perspectives of Black Engineering and Computing Faculty.” American Educational Research Association, Toronto, Canada. April 6, 2019.

Hailu, M., Aldridge, J., Yoon, S. Y. Cox, M. F., Main, J.B., & McGee, E. O. “STEM Faculty’s Perceptions of Climate for Persistence: Differences by Gender, Race/Ethnicity, and Class.” American Educational Research Association Annual Meeting, Toronto, Canada. April 2019.

Hailu, M.F., Ridgeway, M.L., Boyajian, R., **McGee, E.O.**, Cox, M., & Main, J. “An Investigation of the ‘Pet to Threat’ Phenomenon Among Women of Color Engineering Faculty.” American Educational Research Association, Toronto, Canada. April 6, 2019.

Ridgeway, M.L., Hailu, M.F., Boyajian, R., Brockman, A.J. **McGee, E.O.**, Cox, M., & Main, J. “Wage Disparities in the Academy: Women of Color Faculty in Engineering

## Ebony O. McGee, PhD

Departments.” American Education Research Association, Toronto, Canada. April 7, 2019.

White, D.T., Ridgeway, M.L., Brockman, A.J., Grant, B., & **McGee, E.O.** “Black Male Doctoral Students’ Perceptions of Black Women’s Marginalization in Engineering and Computing Programs.” American Education Research Association, Toronto, Canada. April 9, 2019.

Hailu, M., Cox, M. F., Main, J., & **McGee, E.O.** “The Politicized Experiences of Women Engineering Faculty in Puerto Rico.” Refereed roundtable session presented at the 2019 Comparative and International Education Society Conference. San Francisco, CA. April 15, 2019.

### 2018

Cox, M.F., Main, J.B., **McGee, E.O.**, Hailu, M., Aldridge, J., Thai, A., Ridgeway, M., Yoon, S.Y. “An Intersectionality Study to Characterize and Examine the Experiences of Women Tenure-Track Faculty in Engineering.” The Ohio State University, Department of Engineering Education Open House. November 2018.

Ridgeway, M. R. Buenrostro, P.M., Marshall, S. A., & **McGee, E. O.** “En Solidaridad!: Mathematics Education Scholars of Color Cultivating Brilliance.” 8th International Conference on Education and Social Justice, Honolulu, Hawai‘i. (Oct 5–7, 2018).

Ridgeway, M.L., Naphan-Kingery, D.E., Botchway, P.K., White, D.T., & **McGee, E. O.** “Black Faculty Tug-of-War Between Extra Labor and the Sense of Responsibility to Serve.” 2018 American Educational Research Association. New York, NY. April 6, 2018.

Naphan-Kingery, D.E., Brockman, A.J., Ridgeway, M.L., McKane, R., Botchway, P.K., & **McGee, E. O.** “Narratives of Inequity in Doctoral Engineering and Career Trajectories Shaped by an Equity Ethic”. 2018 American Educational Research Association Annual Meeting, Roundtable Session Examining Gender in Science, Technology, Engineering, and Math (STEM). New York, NY. April 7, 2018.

### 2017

Cox, M., Main, J. B., **McGee, E. O.**, Sanchez-Pena, M. L., Sambamurthy, N., Kim J. S. “Why We Persist: An Intersectional Study to Characterize and Examine the Experiences of Women Tenure-Track Faculty in Engineering.” 2017 American Society for Engineering Education Conference and Exposition. Columbus, OH. June 26, 2017.

Cox, M., Kim J. S., Sanchez-Pena, M. L. Main, J. B., **McGee, E. O.** “Development of a National Survey Focusing on the Relationships Between Race, Class, and Gender on the Persistence of Women Engineering Faculty.” 2017 American Society for Engineering Education Conference and Exposition. Columbus, OH. June 26, 2017.

**McGee, E. O.**, Mustfaa, F., Houston, S. “Turned Off from an Academic Career while in the Academy: Doctoral Engineering Students and the Reasons Behind their Dissuasion.” 2017 American Educational Research Association Annual Meeting--

## Ebony O. McGee, PhD

Knowledge to Action: Achieving the Promise of Equal Educational Opportunity, San Antonio, TX. April 27-May 1, 2017.

**McGee, E. O.** “Problematizing Equal Education Opportunity Reform: Black Women and Girls in Mathematics and Engineering.” 2017 American Educational Research Association Annual Meeting—Knowledge to Action: Achieving the Promise of Equal Educational Opportunity, San Antonio, TX. April 27-May 1, 2017.

**McGee, E. O.** “Neoliberalism in Black Education: Research, Reform, Reproduction, and Resistance.” 2017 American Educational Research Association Annual Meeting – Knowledge to Action: Achieving the Promise of Equal Educational Opportunity, San Antonio, TX. April 27-May 1, 2017.

### 2016

Robinson, W. & **McGee, E. O.** “Viewing Engineering Education Through the Lens of Social Science: A Candid Dialogue on Race and Gender.” 123rd American Society of Engineering Education Annual Conference & Exposition, New Orleans, LA. June 23, 2016.

Sambamurthy, N., Sánchez-Peña, M., Cox, M., **McGee, E. O.**, Main, J. “Asian-American Women Engineering Faculty: A Literature Review Using an Intersectional Framework of Race, Class, and Gender.” Proceedings of the Frontiers in Education Conference 2016. Erie, PA. Oct. 15, 2016.

Sánchez-Peña, M., Sambamurthy, N., Cox, M., **McGee, E. O.**, Main, J. “The Factors Affecting the Persistence of Latina Faculty: A Literature Review Using the Intersectionality of Race, Gender, and Class.” Frontiers in Education. Erie, PA. Oct. 16, 2016.

Kazembe, L. & **McGee, E. O.** “Entertainers or Education Researchers? The Challenges Associated With Presenting While Black.” 2016 American Educational Research Association Annual Meeting: Public Scholarship to Educate Diverse Democracies, Washington, DC. April 4, 2016.

Houston, S., **McGee, E. O.**, Robinson, W., Bentley, L., Botchway, P. K., & White, D. T. “Engineering the Thermostat: Examining Factors That Warm Up and Cool Out Doctoral Students' Faculty Aspirations.” 2016 American Educational Research Association Annual Meeting: Public Scholarship to Educate Diverse Democracies, Washington, DC. April 5, 2016.

Bentley, L.C., & **McGee, E. O.** “Engineering at the Intersection: Black Women's Experiences in Engineering Doctoral Programs.” 2016 American Educational Research Association Annual Meeting: Public Scholarship to Educate Diverse Democracies, Washington, DC. April 5, 2016.

Sambamurthy, N., Sánchez-Peña, M., Cox, M., **McGee, E.**, Main, J. “Asian-American Women Engineering Faculty: A Literature Review Using an Intersectional Framework of

## Ebony O. McGee, PhD

Race, Class, and Gender. *Proceedings of the Frontiers in Education Conference 2016, Erie, PA.* April 6, 2016.

Robinson, W. & **McGee, E. O.** "Viewing Engineering Education Through the Lens of Social Science: A Candid Dialogue on Race and Gender." National Society of Black Engineers 42nd Annual Convention: Engineering a Cultural Change. Boston, MA. March 9, 2016.

### 2015

Robinson, W. H., & **McGee, E. O.**, Bentley, L., & Houston, S. "Racial and Gendered Experiences That Dissuade a Career in the Professoriate." RESPECT 2015: Research in Equity and Sustained Participation in Engineering, Computing, and Technology Annual Conference, Charlotte, NC. August 13, 2015.

**McGee, E. O.**, Robinson, W. H., Bentley, L., & Houston, S. "Diversity Stalled: Explorations into the Stagnant Numbers of African American Engineering Faculty." 2015 American Society of Electrical Engineers Annual Conference and Exposition, Seattle, WA. June 16, 2015.

**McGee, E. O.**, & Bentley, L. "STEM High Achievers That Care: Black and Latino College Students Reengineering Their Careers Toward Justice." American Education Research Association Annual Conference: Toward Justice: Culture, Language, and Heritage in Education Research and Praxis, Chicago. IL. April 16, 2015.

**McGee, E. O.**, & Stovall, D. O. "Reimagining Critical Race Theory in Education: Mental Health, Healing, and the Pathway to Liberatory Praxis." American Education Research Association Annual Conference: Toward Justice: Culture, Language, and Heritage in Education Research and Praxis, Chicago. IL. April 17, 2015.

Jones, S., **McGee, E.O.**, Allen, A., & Brooke, C. "Diversifying Engineering: Insights and Lessons from Students, Faculty and Staff." American Education Research Association Annual Conference: Toward Justice: Culture, Language, and Heritage in Education Research and Praxis, Chicago. IL. April 17, 2015.

**McGee, E. O.** "Black and successful in STEM but Stressed and Stressed out." Presenter and speaker for the National Council for Black Studies Annual Conference: The Foundation and Future of Black Studies: Reaffirming Our Emancipatory Mission & Values, Los Angeles, CA. March 12, 2015.

### 2014

Leonard, J., Walker, E., Spencer, J., **McGee, E.O.**, & Bullock, E. "Er'body Talkin' 'bout Diversity: Black Women Faculty's Perspectives on Their Experiences in the Academy." International Conference on Urban Education: Building and Sustaining Global Partnerships for Learning and Development, Montego Bay, Jamaica. November 11, 2014.

### Ebony O. McGee, PhD

**McGee, E. O., & Stovall D. O.** “Reimagining Critical Race Theory in Education: Mental Health Implications.” Critical Race Studies in the Education Association 8th Annual Conference: Race, Education, and Public Policy: Transdisciplinary Activism in Critical Race Studies, Nashville, TN. May 13, 2014.

**McGee, E. O.** “Risk and Protective Trajectories in Mathematically Talented Black Male Students: Snapshots From 9th to 12th Grades.” American Education Research Association Annual Conference: The Power of Education Research for Innovation in Practice and Policy, Philadelphia, PA. April 11, 2014.

**McGee, E. O.** “Motivated to Succeed via the Fear of Failure Among High-Achieving Urban African American Students.” American Education Research Association Annual Conference: The Power of Education Research for Innovation in Practice and Policy, Philadelphia, PA. April 12, 2014.

**McGee, E. O.** “Placed At-risk: High-achieving Black High School Males’ Fragile College Trajectories.” American Education Research Association Annual Conference: The Power of Education Research for Innovation in Practice and Policy, Philadelphia, PA. April 12, 2014.

#### 2013

**McGee, E. O.** “Critical Race Theory’s Inattention to Mental Health and Wellness Problems Impacting African American Students—A Call for Action.” 7th Biennial Conference of the Association for the Study of the Worldwide African Diaspora, Confronting Change and Creating Opportunity in Africa and the African Diaspora, Santo Domingo, Dominican Republic. October 17, 2013.

**McGee, E. O.** “How Underrepresented High-Achieving STEM College Students Manage Stereotypes and Policy-related Threats to Their Identities.” Urban Education Institute, Addressing the 21st Century Imperative: Improving STEM Success in Communities of Color, Greensboro, NC. April 23, 2013.

#### 2012

**McGee, E. O.** “When It Comes to the Mathematics Experiences of Black Preservice Teachers . . . Race Matters.” American Education Research Association Annual Conference: *Non Satis Scire: To Know Is Not Enough*, Vancouver, British Columbia, Canada. April 16, 2012.

**McGee, E. O.** “High-achieving Black STEM Students Reaching for Resilience. Investigations by Female Mathematics Education Scholars from STEM Backgrounds.” American Education Research Association Annual Conference: *Non Satis Scire: To Know Is Not Enough*, Vancouver, British Columbia, Canada. April 17, 2012.

#### 2011

### **Ebony O. McGee, PhD**

McGee, R., Keller, J., Campbell, P., Remich, R., LaBlance, S., **McGee, E.**, & Gazley, L. "Career Decision-making of Young PhD Scientists: A Longitudinal, Interview-based Qualitative Research Study Across Gender and Ethnicity." Poster presentation at the 1st International Conference on Faculty Development in the Health Professions, Toronto, Canada. May 20, 2011.

**McGee, E. O.**, & Martin, D. B. "Stereotype Management Among Successful Black College Mathematics and Engineering Students." National Council for Teachers in Mathematics Annual Meeting & Expo: Geometry Constructing and Transforming Perspectives, Indianapolis, IN. April 23, 2011.

**McGee, E. O.**, & Martin, D. B. "Stereotype Management Among Successful Black College Mathematics and Engineering Students." American Education Research Association Annual Conference: Inciting the Social Imagination: Education Research for the Public Good, New Orleans, LA. April 17, 2011.

**McGee, E. O.**, & Tyler, A. "Mathematically High Achieving African American Youth: Looking Outside In." American Education Research Association Annual Conference: Inciting the Social Imagination: Education Research for the Public Good, New Orleans, LA. April 17, 2011.

#### **2010**

**McGee, E. O.** "Black Teens Succeeding in Mathematics: An Investigation into Identity." National Academy of Education Annual Meeting and Fellows Retreat, Washington, DC. November 4, 2010.

Lee, S., Keller, K., LaBlance, S., Remich, R. Huaman, E., **McGee, E.**, Keller, J. Campbell, P., & McGee, R. "A Theory-Driven Professional Development Approach That Helps Bioscience Graduate Students from Diverse Backgrounds and Underrepresented Groups Become Accepted Members of Research Communities." MORE 2010 *How To* Conference, Chicago, IL. June, 2010.

**McGee, E. O.** "Investigating Identity and Resilience in Mathematically High-achieving African American Youth." Poster presented at the American Education Research Association Annual Conference: Understanding Complex Ecologies in a Changing World, Denver, CO. April 22, 2010.

**McGee, E. O.** "Investigating Identity and Resilience in Mathematically High-achieving African American Teens." National Academy of Education Fellows Retreat, Washington, DC. February 3, 2010.

#### **2009**

**McGee, E. O.** "Operationalizing Resilience in High-achieving Black College Students." Emerging Scholars Interdisciplinary Network Summer Program in Applied Multi-Ethnic Research at ICPSR, University of Michigan, Ann Arbor, MI. July 13, 2009.



## **Ebony O. McGee, PhD**

**McGee, E. O.** “Moving Beyond the 'Gap-gazing' Fetish: Exploring Mathematics Earning and Participation as Racialized Forms of Experience.” American Education Research Association Annual Conference: Disciplined Inquiry: Education Research in the Circle of Knowledge, San Diego, CA. April 17, 2009.

**McGee, E. O.** “Meaning-making, Human Development and Resilience: A New Direction in Mathematics Education.” 2009 National Council of Teachers of Mathematics Annual Meeting & Exposition: Equity: All Means ALL, Washington, DC. April 21, 2009.

### **2008**

**McGee, E. O.** “And Still I Rise: Successful African American Mathematics and Engineering College Students.” Benjamin Banneker Association’s 2008 Conference on the Mathematics Teaching, Learning, and Research of African American Students, Little Rock, AR. November 22, 2008.

**McGee, E. O.** “Race, Identity, and Resilience: Black College Students Negotiating Success in Mathematics and Engineering: Preliminary Results.” 2nd Annual Critical Race Studies in Education Conference: Towards a Critical Race Praxis in Education and Social Life, Chicago, IL. May 7, 2008.

**McGee, E. O.** “Interrogating Stereotypes, Institutional Racism, and Racialized Experiences in Mathematics Education.” 2008 American Educational Research Association Annual Conference, Chicago, IL. March 23, 2008.

**McGee, E. O.** “Writing the Mathematics Classroom: Using African American College Students’ Written Words to Understand Their Mathematical Experiences.” 2008 Race in the Writing Center: Towards New Theory and Praxis Annual Conference, Chicago, IL. March 14, 2008.

### **2004-2007**

**McGee, E. O.** “When It Comes to the Mathematical Experiences of Black Preservice Teachers...Race Matters.” 2007 American Educational Research Association, Chicago, IL. April 5, 2007.

**McGee, E. O.** “Mathematics Education and the Black Student: Exploring Critical Theories of Race.” 2007 4th International Conference on Teacher Education and Social Justice, Chicago, IL. January 23, 2007.

**McGee, E. O.** “Exploring Critical Theories of Race in Mathematics Education.” Annual Meeting, National Council of Teachers of Mathematics, St. Louis, MO. April 22, 2006.

**McGee, E. O.** “Mathematically Talented African American College Students’ Counter-Narratives of Success.” Annual Education and the Public Good:

## **Ebony O. McGee, PhD**

Interdisciplinary Trends in Graduate Scholarship Conference, Chicago, IL. May 15, 2006.

**McGee, E. O.** “Does Mathematics Success = Equity for High Achieving African American Students?” Mathematics Colloquium on Diversity, Departments of Mathematics and Computer Science at Chicago State University, Chicago, IL. Feb, 24, 2005.

**McGee, E. O.** “Social Identities of African American College Students in the Context of Mathematical Achievement.” 9<sup>th</sup> Annual Graduate and Professional Research Conference at Northwestern University: Many Minds, Many Voices, Shaping One Legacy, Evanston, IL. 2005.

**McGee, E. O.** “Afrocentric Identity as a Precursor to Understanding the Mathematical Success in African American College Students.” American Educational Research Association Annual Meeting, Montréal, Canada. 2005.

**McGee, E. O.** “W. E. B. DuBois’ Double Consciousness Revisited in the Context of Mathematical Achievement.” 7th Annual Chicago Ethnography Conference: Broadening the Scope of Ethnography, Chicago, IL. 2005.

**McGee, E. O.** “The Problem of African American Education in the 21st Century.” 27th Annual Olive-Harvey College Black Studies Conference, Chicago, IL. (2004).

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### **TEACHING EXPERIENCE**

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**2013 -2020 Peabody College of Education, Vanderbilt University**  
 Diversity and Equity in Education (FALL 2019)  
 Interrogating Race and Racism through Research in Education and the Social Sciences (Graduate FALL 2017)  
 Critical Race Theory: Race and Racism in Education (Graduate FALL 2016, SPR 2018, SPR 2020)  
 Diversity and Equity in Education (Graduate SPR 2015)  
 Race, Identity, and Agency in Education (Graduate SPR 2014, Developed Course)  
 Learning, Diversity, and Urban Studies Seminar II (Graduate SPR 2013)  
 Cultural Diversity in American Education (Graduate and Undergraduate SPR2013)  
 Social and Philosophical Aspects of Education (Undergrad FALL2013, SPR2015)

### **Adjunct and Lecturer Courses**

Spring 2011 **STEM Curriculum Developer and STEM Career Instructor**  
 Target HOPE Program, Chicago, IL

2003 – 2009 **University of Illinois at Chicago**

## Ebony O. McGee, PhD

**Graduate:** Teaching and Learning Elementary Mathematics (Co-Developed Course, SPR2009)

**Undergraduate**

Mathematics for Elementary Teaching (Co-Developed Course, SPR2008)

Introduction to Educational Psychology (FALL2003)

Solidifying the Foundation for Success in College Mathematics (FALL2008)

Mathematics for Elementary Education (FALL2006)

Mathematics for Elementary Education—Geometry (SPR2006)

Teaching Assistant, Introduction to African American Studies (FALL 2008)

2007 – 2008 **Chicago State University (Undergraduate Courses)**

Basic Algebra (SPR2007)

Concepts of Mathematics for Elementary School Teachers I (SPR2007)

Concepts of Mathematics for Elementary School Teachers II (F2008)

2007-2009 **American College of Education, Graduate-Level Online Courses**

Student Engagement: Setting Expectations and Motivating Students for Learning

Classroom Management: Creating Safe and Supportive Learning Environments

Diverse Learners: Developing Classroom to Support Learning of All Students

Informed Research: Systematically Identifying, Using, and Communicating Data to Improve Schools

School Improvement: Facilitating Change and School Transformation

Learning with Technology

2005–2006 **Mathematics Specialist**, African American Academic Network

University of Illinois at Chicago, Chicago, IL

2003 - 2006 **City Colleges of Chicago (Undergraduate Courses)**

Elements of Algebra (SPR2006)

Pre-credit Mathematics Level 1 (F2005, SPR2006)

Intermediate Algebra with Geometry (F2005)

College Algebra (F2003, SPR2004, F2005)

Fall 2003 **Educational Psychology Lecturer**, University of Illinois at Chicago,

Department of Educational Psychology, Chicago, IL

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### INDUSTRY EMPLOYMENT

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1997–2002 **Competitive Intelligence Engineering Analyst**, Hewlett-Packard &

Agilent Technologies, Test and Measurement Division, Rockaway, NJ

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### POSTDOCTORAL/DOCTORAL STUDENTS ADVISED

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## **Ebony O. McGee, PhD**

Monica L. Ridgeway, PhD: Postdoctoral Advisor 2017–2019, Chancellor's Academic Pathways postdoctoral scholar for diversity in STEM education, Peabody College, Vanderbilt University

Dara Naphan-Kingery, PhD: Co-Postdoctoral Advisor 2017–2019, Postdoctoral scholar researcher for diversity in STEM education, Peabody College and the College of Engineering, Vanderbilt University

Jeremy Lynch, PhD: Postdoctoral Advisor, 2018, Peabody College, Vanderbilt University

Lydia C. Bentley, PhD: Peabody College, Vanderbilt University, Advisor, 2014–2017 (2015–2016 American Educational Research Association Minority Dissertation Program Award Recipient, National Science Foundation Postdoctoral Recipient)

Devin White, Peabody College, Vanderbilt University (Advisor, 2016–present)

Portia K. Botchway, Peabody College, Vanderbilt University (Co-Advisor 2014–present, PhD)

Stacey Houston II, Peabody College, Vanderbilt University (Co-Advisor 2014–2018, PhD)

F. Alvin Pearman, Peabody College, Vanderbilt University (Co-Advisor 2013–2015)

ReAnna S. Roby, PhD: University of Texas at San Antonio (Dissertation Committee Member, 2015–2017)

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## **UNIVERSITY SERVICE**

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### **Vanderbilt University**

- 2020 Moderated the forum on Intersections of Mental Health, Race, Religion, Ethnicity, Gender, and Sexuality. Sponsored by Teaching and Learning Committee on Equity, Justice, and Identity
- 2019-20 Blair Dean of Music Search Committee Member
- 2018-19 Hosted 3 EDEFI Weekend Writing Retreats for Peabody colleagues and students
- 2018. Co-chair for Promotion Review Committee
- 2019 Leading the Postdoctoral Department of Teaching and Learning Committee
- 2018 Vanderbilt University Summer Research Early Identification Program (SR-EIP) through the Leadership Alliance internship Advisor, Mr. Grant Bennett, Morehouse College
- 2018 Chancellor's Scholarship Summer Advisor, Ms. Miti Joshi, rising junior, computer science major
- 2018 Peabody Panel for the Vanderbilt Symposium to Commemorate the 50th anniversary of MLK's assassination from Martin Luther King to Black Lives Matter: Fifty Years of Struggles.
- 2018 Panelist for the Wrestling with The Past: Vanderbilt, Race, and the Confederate Legacy, A Conference on Race and Reconciliation

## Ebony O. McGee, PhD

- 2017 Vanderbilt Fall Faculty Assembly Assembler with presentation entitled “Beyond Recruiting...Retaining Faculty of Color: Powerful Lessons from Black Faculty”
- 2016 Second Annual STEM Mentor Scholars Retreat and Panel Summit
- 2015 Chancellor’s Committee for Diversity and Inclusion (Invited by Chancellor Zappos)
- 2015 Search Committee Member for Tenure-Track Professor in Mathematics Education resulting in three assistant professors of color
- 2015 Invited Panelist, Conversation on Race, Symbolism, and Diversity at Peabody College
- 2015 Facilitated a 10-panel summit of expert scholars across the country to provide research insights spanning the educational pipeline concerning the lack of diversity in the STEM fields and the cultural and structural barriers for students of color
- 2014 Search Committee Member for Practice Professor in Mathematics Education
- 2014 Facilitated Departmental Workshops on Diversifying Peabody College
- 2011. Facilitated Urban Education Seminar with Guest Speaker Dr. Samy Alim in conjunction with Critical Race Studies in Education Conference at Vanderbilt University

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### **SERVICE TO THE PROFESSION**

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- 2020 Senior discussant at the upcoming NAEd/Spencer Spring Retreat. Washington, DC
- 2020 2020 AERA Minority Dissertation Fellowship Committee. Washington, DC
- 2019 NASA Office of STEM Engagement Sparking STEM Interest Forum. NASA Headquarters, Washington, DC.
- 2019 The Center for the Advancement of STEM Leadership (CASL), Advisory Board Member
- 2019-23 Advisory Board Member for Collaborative Research: An AGEP Alliance Model to Advance Underrepresented Minority STEM Faculty at Predominately Undergraduate Institution. SUNY at Stony Brook, N.Y.
- 2019 National Science Foundation Panel Reviewer
- 2018 Reviewer for the 2018 Ford Foundation Fellowship Programs, Fellowships Office of the National Academies of Sciences, Engineering, and Medicine and the Ford Foundation, Washington, DC
- 2018 Panelist for the Day of Dialogue on Black College Students, Jackie Robinson Foundation, New York, New York
- 2018 Panelist and Reviewer on the Ford Foundation Fellowship Education panel for the 2018 program year, Beckman Center of the National Academies of Education in Irvine, CA
- 2017 Mentor for the National Academy of Education/Spencer Spring Fellows Retreat, Keck Center of the National Academies, Washington, DC
- 2016–17 Nashville Mayor Megan Barry Advisory Committee: Smart City Working Group
- 2016–17 Co-Chair of AERA Division K, Teaching and Teacher Education, Section 10: Policy and Research
- 2016 Program Committee for Research on Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT: (<http://respect2016.stcbp.org/>)) Conference. Atlanta, GA
- 2014–present Advisory Board for the Helmsley Charitable Trust STEM and HBCU Project, Penn Center for Minority Serving Institutions

## Ebony O. McGee, PhD

2011–2012 Mathematics Education Consultant, Young Peoples Project (YPP). Chicago, IL

### Editorial Board

2019–present Editorial Review Board, *Review of Research*  
 2016–2018 Editorial Review Board, *American Educational Research Journal*  
 2012–present Editorial Review Board, *Urban Education*  
 2012–2014 Editorial Review Board, *SAGE Open*

### Journal Reviewer

2020 *CBE-Life Science Education*  
 2018 *International Journal of STEM Education*  
 2018 *Journal of Research Science in Teaching*  
 2018 *Review of Educational Research*  
 2017 *Journal of Engineering Education*  
 2016 *SEX ROLES, Educational Studies*  
 2015 *Anthropology & Education Quarterly, The Sociological Quarterly*  
 2014 *Advances in Engineering Education, Journal of Engineering Education*  
 2014 *Journal of Women and Minorities in Science and Engineering*  
 2014, 2016 *DuBois Reviewer*  
 2014 National Science Foundation (panel reviewer)  
 2013, 2014, 2015 *American Educational Research Journal*  
 2013, 2014 *Journal of Research on Adolescence*  
 2013, 2014 *Youth & Society*  
 2013 *Interdisciplinary Journal of Teaching and Learning*  
 2012 *Education Research International*  
 2012, 2015 *Journal of Negro Education*  
 2012 *Cognition and Instruction*  
 2011 AERA 2012 Annual Meeting Reviewer, Division G  
 2011, 2014 *The Sociological Quarterly*  
 2010, 2014, 2015 *Urban Education*  
 2010, 2013 *Journal for Research in Mathematics Education*  
 2009, 2011 *Journal of Research on Adolescence*  
 2009 National Council for Teachers of Mathematics Annual Conference  
 2008 Association for the Study of Higher Education Annual Conference  
 2007, 2014 Discussant, American Educational Research Association, Chicago, IL  
 2005, 2013 *Equity & Excellence in Education*

### University of Chicago

2009–2012 Civil Rights Group, University of Chicago

### University of Illinois at Chicago

2007–2009 The Dissertation Associates Working Group of the Institute for Research on Race and Public Policy  
 2005–2007 Founding Member, Alliance for Latino and Black Graduate Students  
 2005 Graduate Assistant, Chancellors Committee on the Status of Blacks

### New Jersey Institute of Technology

1997 Omicron Delta Kappa, National Leadership Honor Society

## Ebony O. McGee, PhD

1997            Alpha Epsilon Lambda, Graduate Academic Excellence and Leadership Honor Society

### North Carolina Agricultural and Technical State University

1994            Tau Beta Pi, National Engineering Honor Society  
1993            Society of Women Engineers

## MEDIA PRODUCTIONS/ARTICLES

<http://blackengineeringphd.org/> :Explorations in Diversifying Engineering Faculty Initiative (EDEFI; pronounced “edify”)

<http://criticalscholars4quantresearch.org/> :Critical Data Science for a Diverse World

**McGee, E. O.** (April 6, 2019). Episode of *The Voice*, a web video series based on publications in *Teachers College Record*: **The Voice**:  
<https://vialogues.com/vialogues/play/51836/>

### *Op-ed Articles*

**McGee, E. O.** (2015, October 5). Response: “It’s Time to Change the Conversation About Grit.” *Education Week*.

[http://blogs.edweek.org/teachers/classroom\\_qa\\_with\\_larry\\_ferlazzo/2015/10/response\\_is\\_grit\\_an\\_asset\\_or\\_an\\_excuse.html](http://blogs.edweek.org/teachers/classroom_qa_with_larry_ferlazzo/2015/10/response_is_grit_an_asset_or_an_excuse.html)

**McGee, E. O.** (2015, October 5). What Is Grit? Can Grit Be Taught? Who Is Responsible for Grit? *Education Week*. Audio Episode:

<http://www.bamradionetwork.com/classroom-q-and-a/3294-what-is-grit-can-grit-be-taught-who-is-responsible-for-grit>

**McGee, E. O.** (2015, September 11). Inside academia: Black professors are expected to “entertain” while presenting. *The Conversation*. <https://theconversation.com/inside-academia-black-professors-are-expected-to-entertain-while-presenting-46249>

**McGee, E. O.** (2015, May 29). Op-Ed: How do U.S. Black students perform at school? *British Broadcasting Company (BBC)*. <http://www.bbc.com/news/world-us-canada-32824482>.

**McGee, E. O.** (2015, May 1). Op-Ed: Why do so few black males go into STEM areas? Here’s what made DeAndre give up. *The Conversation*. <https://theconversation.com/why-do-so-few-black-males-go-into-stem-areas-heres-what-made-deandre-give-up-40360>

## PROFESSIONAL MEMBERSHIPS

2018 – present	American Society of Engineering Education
2012-present	American Educational Research Association, Division G: Social Context of Education
2018-present	Nashville Alumni Chapter of North Carolina A&T State University
2014-present	Math Educators Scholars of Color (MESOC)
2015-present	Benjamin Banneker Association
2004-2016	Teachers for Social Justice
2000-present	Jackie Robinson Foundation Alumni
2007-2011	Society for the Psychological Study of Social Issues

**Ebony O. McGee, PhD**

2005-2015 National Council of Teachers of Mathematics  
Omicron Delta Kappa, National Leadership Honor Society  
Alpha Epsilon Lambda, Graduate Academic Excellence and Leadership Honor Society

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**COMMUNITY SERVICE**

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2014–2015 Nominated Committee Member for Southern Regional Scholarship Selection for the National Jackie Robinson Foundation Scholarship, New York, NY  
2007–2010 The MathTech Project, Co-Founder and CEO, Chicago, IL  
2003–2013 The Relationship G.A.P. (Growing As People), Founder, Chicago, IL.  
2000–2012 Nominated Committee Member for Midwest Scholarship Selection for the National Jackie Robinson Foundation Scholarship, New York, NY  
1996 Delta Sigma Theta Sorority Incorporated  
2006–2014 Board Member, Athletes Committed to Education, Chicago, ILs