

Kyndra V. Middleton, Ph.D.

2441 4th Street Northwest
Washington, DC 20059
Phone: (202) 806-6015
Email: kyndra.middleton@howard.edu

EDUCATION

| | | |
|------------|---------------|---|
| PhD | 2007 | Educational Measurement and Statistics Cognate Areas: Mathematical Statistics, Educational Psychology The University of Iowa, Iowa City, IA |
| PhD | expected 2025 | Mathematics Howard University, Washington, DC |
| MA | 2004 | Educational Measurement and Statistics The University of Iowa, Iowa City, IA |
| BS | 2002 | Mathematical Sciences Minor: Computer Information Systems Florida Agricultural and Mechanical University (FAMU), Tallahassee, FL |

PROFESSIONAL EXPERIENCE

Professor, Howard University, Washington, DC, August 2021-Present
Department Chair, Human Development and Psychoeducational Studies,
July 2024-Present
Director of Graduate Studies, School of Education, July 2021-June 2024
Educational Psychology Program Coordinator, August 2013-July 2021
Associate Professor, August 2014-2021
Assistant Professor, August 2009-2014

- Lead a department of 18 faculty that includes one undergraduate degree program (with two tracks), one master's program, and three doctoral programs
- Middle States Self-Study Working Group Chair, Standard V: Educational Effectiveness Assessment, 2018-2020
- Courses taught: Introduction to Statistical Methods, Intermediate Statistics, Advanced Statistics, Advanced Topics in Statistics and Multivariate Analysis,

Advanced Measurement and Evaluation, Issues and Trends in Measurement Theory

- Supervise all students in the Educational Psychology doctoral program
- Serve on and chair thesis and dissertation committees of students within and outside of the university
- Instructor for the Developing New Assessments and Multivariate Statistics workshops as part of the National Association for Educational Progress-Educational Testing Service (NAEP-ETS) Howard University Collaborative Statistics and Evaluation Summer Institute, 2012-2015; 2018; 2020-Present

Consultant, DC Public Charter School Board, Washington, DC, June 2016-August 2023

- Oversaw monthly submissions of attendance and discipline data for DC's public charter schools
- Conducted subgroup comparison analyses (e.g., races, EL vs non-EL, SPED vs non- SPED, dual identification) of DC public charter schools using standardized test scores, discipline, and attendance
- Conducted research on alternative accountability framework (AAF) to help schools develop goals that accurately measure the populations they are serving
- Performed and visualize ad hoc statistical analyses as needed

Data Analyst, Education Pioneer Fellow, DC Public Charter School Board, Washington, DC, August 2015-June 2016

- Oversaw monthly submissions of attendance and discipline data for DC's 114 public charter schools
- Provided data analysis support for monthly Equity and Fidelity meetings
- Conducted holistic statistical analyses (e.g., using standardized test scores, discipline, attendance) of DC public charter schools
- Participated in bimonthly convenings aimed at providing professional development opportunities and successfully delivering impact to both the organization and the education sector

Consultant, American Institutes for Research (AIR), Washington, DC, May 2012-July 2012

- Assisted in writing an AIR report regarding NAEP mathematics alignment with the Common Core State Standards (CCSS) mathematics standards
- Co-facilitated the NAEP-CCSS Mathematics Alignment Study Expert Panel Meeting July 24-25, 2012
- Acted as an observer to gain insight into the project at the NAEP Validity Studies Expert Panel Meeting #48

Psychometric Consultant, FAMU, Tallahassee, FL, June 2009-June 2011

- Aided in radically redesigning teacher education through a grant provided by Carnegie Corporation
- Helped develop and field test mathematics items for the Numeracy Inventory
- Helped evaluate the effectiveness of the writing and numeracy performance

assessment

Online Facilitator, Argosy University, Pittsburgh, PA, January 2009-April 2011

- Facilitated online undergraduate level mathematics and statistics courses
- Led discussions relating mathematics and statistics to real-life experiences

Sylvia Taylor Johnson Postdoctoral Research Fellow, Educational Testing Service, Princeton, NJ, August 2007-August 2009

- Conducted independent research study on student motivation and achievement
- Conducted differential item, bundle, and distractor functioning analyses on test items taken by students with learning disabilities to ensure the psychometric properties of the test were upheld when accommodations were used
- Managed, updated, and added information to a website used for informing educators, policy makers, and measurement specialists nationally about policy and educational research developments from weekend workshops

SCHOLARLY PUBLICATIONS

Peer-Reviewed Journal Articles and Reports

- Middleton, K.** & Jackson, J. (in press). "Implications of Culturally Responsive Assessment for Classroom Assessment Practices" in *Culturally Responsive Assessment in Classrooms and Large-Scale Contexts: Theory, Research, and Practice*.
- Middleton, K.**, Omonkhodion, C., Amoateng, E., Okam, L., Cardoza, D., & Oakley, A. (2024). From mandated to test-optional college admissions testing: Where do we go from here? *Educational Measurement: Issues and Practice*, 43(4), 33-37.
- Middleton, K.** & L'Elie, N. (2024). The relationship between out-of-school suspension rates, school and teacher characteristics, and academic achievement. *Journal of Negro Education*.
- Garner, P., & **Middleton, K.** (2023). Peer victimization among Black preschoolers: Roles of emotion knowledge, teacher-child relationships, and gender. *Journal of Applied School Psychology*.
- Garner, P. & **Middleton, K.** (2023). Preservice teachers' social justice teaching beliefs and attributions of Black boys' classroom behavior. *Early Education and Development*, 34(8), 1761-1778.
- Tran, T., Williams, J., **Middleton, K.** Clark-Taylor, A., & Priddie, C. (2023). Examining factors that influence BIPOC students' enrollment in STEM postsecondary majors. The AIR Professional File, Spring 2023. Article 160. *Association for Institutional Research*.
- Middleton, K.** (2022). Considerations for Future Online Testing and Assessment in Colleges and Universities. *Educational Measurement: Issues and Practice*, 41(1), 51-53.
- Medina-Jerez, W. & **Middleton, K.** (2022). Examining Hispanic preservice teachers'

- perceptions of scientists in a science methods course. *International Journal on Studies in Education (IJonSE)*, 4(1), 70-87. <https://doi.org/10.46328/ijonse.62>
- Celey, R., & **Middleton, K.** (2021). Strengthening the academy: Examining the scholarly productivity of Black Ph.D. students, *Journal of Negro Education*, 90(4), 472-482.
- Watkins, J., & **Middleton, K.** (2021). An investigation of the predictors of mathematics self-efficacy in Black college freshmen on a predominantly Black campus, *Journal of Negro Education*, 90(4), 429-441.
- Middleton, K.** (2020). The longer-term impact of COVID-19 on K–12 student learning and assessment. *Educational Measurement: Issues and Practice*, 39(3), 41-44.
- Malone, C. M., Briggs, C., Ricks, E., **Middleton, K.**, Fisher, S., & Connell, J. (2016). Development and initial examination of the school psychology multicultural competence scale. *Contemporary School Psychology*, 1-10.
- Fisher, S., **Middleton, K.**, Ricks, E., Malone, C., Briggs, C., & Barnes, J. (2015). Not just Black and White: Peer victimization and the intersectionality of school diversity and race, *Journal of Youth and Adolescence*, 44(6), 1241-1250.
- Hughes, G., Daro, P., Holtzman, D., & **Middleton, K.** (2013). A study of the alignment between the NAEP mathematics framework and the common core state standards for mathematics (CCSS-M). In F.B. Stancavage & G. W. Bohrnstedt (Eds.), *NAEP validity studies: Examining the content and context of the common core state standards: A first look at implications for the national assessment of educational progress* (9-85). San Mateo, CA: American Institutes for Research.
- Middleton, K.**, Ricks, E., Wright, P., & Grant, S. (2013). Examining the relationship between learning style preferences and attitudes toward mathematics among students in higher education, *Institute for Learning Styles Journal*, 1, 1-15.
- Medina, W., Dambekalns, L., & **Middleton, K.** (2012). Art and science education collaboration in a secondary teacher preparation programme. *Research in Science & Technological Education*, 30(2), 209-224.
- Dorans, N., **Middleton, K.** (2012). Addressing the extreme assumptions of presumed linkings. *Journal of Educational Measurement*, 49(1), 1-18.
- Burt, W. M., Vesey, J.V., Stroter, A., & **Middleton, K.** (2011). Reporting results and appropriate alpha levels in multiple regression. *Multiple Linear Regression Viewpoints*, 37(2), 14-22.
- Medina, W., **Middleton, K.**, & Orihuela-Rabaza, W. (2011). Using the DAST-C to explore Colombian and Bolivian students' images of scientists. *International Journal of Science and Mathematics Education*, 9(3), 657-690.
- Middleton, K.**, & Dorans, N. (2011). *Assessing the falsifiability of extreme linkages*. (ETS Research Report No. RR-11-04). Princeton, NJ: Educational Testing Service.
- Mapuranga, R., Dorans, N., & **Middleton, K.** (2008). *A review of recent developments in differential item functioning*. (ETS Research Rep. No. 08-43). Princeton, NJ: Educational Testing Service.
- Middleton, K.** & Cahalan-Laitusis, C. (2007). *Examining Test Items for Differential Distractor Functioning Among Students with Learning Disabilities*. (ETS Research

SCHOLARLY PRESENTATIONS

Invited Talks and Presentations

- Middleton, K.** (2023, November 8). *Exploring Personalization in the Service of Equity*. [Panelist]. Educational Testing Service Convening.
- Middleton, K.** (2023, September 28). *Should Evaluators Develop Their Own Outcome Measure and How Should Results Be Reported? A Discussion about Best Practices for Selecting a Dependent Variable*. [Panelist]. 2023 Society for Research on Educational Effectiveness (SREE) 2023 Conference.
- Middleton, K.** (2023, March 28). *Covid 19 and the Education Landscape*. [Panelist]. 2023 NPR Education Symposium.
- Middleton, K.** (2023, March). *The impacts of the COVID-19 Pandemic on K-12 education in the United States*. [Panelist]. Pomona College Student Union, Claremont, CA.
- Middleton, K.** (2023, February). *Examining COVID Learning Loss Through Standardized Assessment*. [Keynote Speaker]. Central States Undergraduate Mathematics Research Conference, Manhattan, KS.
- Middleton, K.** (2022, August). *Graduate Research Assistant (GRA) Workshop: Responsible Conduct of Research in the Mentorship Model*. Graduate Research Assistants Orientation Workshop, Howard University, Washington, DC.
- Middleton, K.** (2022, April). *Decentering Whiteness in Assessment Practices and Products* [Panel Member]. National Council on Measurement in Education (NCME) annual conference, San Diego, CA.
- Middleton, K.** (2021, August). *Women of Color in Measurement* [Panel Member]. Women in Measurement webinar.
- Middleton, K.** (2021, July). *Statistics is Life*. Advanced Placement Summer Institute, Howard University, Washington, DC.
- Middleton, K.** (2021, June). *Black Lives Matter in Educational Measurement* [Panel Member]. NCME annual conference, online.
- Middleton, K.** (2021, April). *Educational Innovation in Times of Crisis* [Panel Member]. American Educational Research Association (AERA) annual conference, online.
- Middleton, K.** (2021, January). DC State Board of Education Panel on COVID-Related Learning Loss, online.
- Middleton, K.** (2020, July). *Recruiting students for the measurement profession* [Panel Member]. National Council on Measurement in Education (NCME) Educators of Measurement Webinar Series, online.
- Middleton, K.** (2019, November). *Professional development week presentation: Jumpstarting research/grant writing* [Presentation]. Howard University Counseling Psychology Graduate Student Association, Washington, DC.
- Middleton, K.** (2019, November). *How to recruit alliance students* [Panel Member]. National Alliance for Doctoral Studies in the Mathematical Sciences Field of Dreams Conference, St. Louis, MO.

- Middleton, K.** (2019, February). *The role of testing in school reform: Gateway or gatekeeper. How measurement influences policy at multiple levels: A practitioner's perspective* [Keynote Discussant]. NCME Policy Seminar, George Washington University, Washington, DC.
- Middleton, K.** (2018-2020, Spring). *The ABCs of the IRB process: Prepping for IRB submissions* [Presentation]. Howard University School of Education.
- Middleton, K.** (2018, October). *Stereotype Threat* [Keynote Speaker]. Northeastern Educational Research Association, Turnbull, CT.
- Middleton, K.** (2018, April). *What does a mathematician do? Careers a mathematician can pursue* [Presentation]. DC HBCU Alliance College Awareness and Planning for Careers in STEM workshop, Washington, DC.
- Middleton, K.** (2017; 2018, Spring). *Preparing for the transition to college/university and beyond: How to be a global citizen* [Presentation]. El Dorado Community College, El Dorado, AR.
- Middleton, K.** (2016, Fall; 2017, Spring). *Introduction to SPSS* [Presentation]. Northern Virginia Community College, Annandale, VA.
- Middleton, K.** (2016, Fall; 2017, Spring). *Introduction to SPSS* [Presentation]. George Mason University, Fairfax, VA.
- Middleton, K.** (2016, February). *What can you do with a mathematics degree?* [Presentation]. Careers in STEM, TRiO Day, Washington, DC.
- Middleton, K.** (2015, April). *Scholars of color in education mentoring reception: Building a network of collaborators* [Roundtable Discussion]. American Educational Research Association (AERA) conference, Chicago, IL.
- Middleton, K.** (2014, Fall). *How to identify internships and postdoctoral fellowships that are right for you* [Presentation]. Howard University Educational Psychology Student Association Internship and Postdoctoral Symposium, Washington, DC.
- Middleton, K.** (2013, August). *How to recognize the troubled student* [Presentation]. Howard University Teaching Assistant Workshop, Howard University, Washington, DC.
- Middleton, K.** (Fall 2012, Spring 2013, Fall 2014, Spring 2017, Spring 2019). *Statistics 101*, Howard University undergraduate Human Development course, Washington, DC.
- Middleton, K.** (2011, February). *General research methodologies in SoTL* [Presentation]. Preparing Future Faculty workshop, Howard University, Washington, DC.
- Middleton, K.** (2010, September). *Preparing for a tenure-track job* [Presentation]. Howard University Preparing Future Faculty workshop, Howard University, Washington, DC.
- Middleton, K.** (2007, April). *Almost there, yes, the end is near!* [Presentation]. The Alliance for the Production of African American PhDs in the Mathematical Sciences, Tallahassee, FL.

Regional, National, and International Presentations

- Middleton, K.** (2024, April). *Preliminary Results from the Validation of an Academic Acculturation Scale (AAS) for College Students*. [Presentation]. Howard University Research Month, Washington, DC.
- Middleton, K., & Jackson, J.** (2024, April). *A Discussion About Culturally Responsive Assessment for Classroom Assessment Practices* [Paper Presentation]. 2024 NCME

- Annual Meeting Philadelphia, PA.
- Fairness in the Next Generation of the Standards: A Discussion on Equity* [Panel Discussion]. 2024 Joint AERA/NCME Annual Meeting Philadelphia, PA.
- Middleton, K.** (2023, April). *Racial Justice in Educational Assessment* [Panel Discussion]. 2023 AERA Annual Meeting Chicago, IL.
- Middleton, K.** (2023, April). *Developing Culturally Relevant Assessment Content: Lessons Learned and the Road Ahead* [Panel Discussion]. NCME Annual Meeting Chicago, IL.
- Middleton, K.,** Amissah, C. (2023, April). *Validating a new Academic Acculturation Scale (AAS): A Preliminary Report*. 2023 AERA Annual Meeting Chicago, IL.
- Middleton, K.** (2022, April). *The Probabilistic Automaton and Its Applications*. [Presentation]. Howard University Research Month, Washington, DC.
- Middleton, K.** (2022, April). *The Development, Validation, and Implementation of an Academic Acculturation Scale* [Roundtable Session]. AERA Annual Meeting San Diego, CA.
- Middleton, K.** & Turnbull, A. (2020, April). *The relationship between out-of-school suspension rates, teacher and principal characteristics, and academic achievement* [Paper Session]. AERA Annual Meeting San Francisco, CA <http://tinyurl.com/sl4uvy3> (Conference Canceled).
- Middleton, K.** & Freeman, K. (2019, August). *Best practices in early childhood program administration: Evaluating effectiveness using mixed methods* [Presentation]. The Inaugural SIIA Training Workshop, Sav-la-Mar, Jamaica.
- Middleton, K.** (2019, April). *An examination of the long-term effects of out-of-school suspension rates* [Paper Session]. AERA Conference, Toronto, Ontario.
- Middleton, K.** (2018, August). *The relationship between out-of-school suspension rates and academic achievement* [Paper Session]. World Education Research Association Conference, Cape Town, South Africa.
- Middleton, K.** (2015, June). *Black college students' acculturation, coping strategies, and major selection* [Paper Session]. University of the West Indies Schools of Education Biennial conference, Bridgetown, Barbados.
- Hughes, G., Daro, P., Holtzman, D., & **Middleton, K.** (2014, April). *A study of the alignment between the NAEP mathematics framework and the common core mathematics standards* [Paper Presentation]. AERA Association conference, Philadelphia, PA.
- Medina-Jerez, W., & **Middleton, K.** (2014, January). *Measuring and influencing pre-service elementary teachers' images of scientists*. [Paper Presentation]. Hawaii International Conference on Education, Honolulu, HI.
- Middleton, K.** (2014, January). *Examining how family, teacher, and school characteristics impact Academic Performance in Elementary and Secondary Education*. [Paper Presentation]. Hawaii International Conference on Education, Honolulu, HI.
- Middleton, K.** (2010, May). *Differences in mathematics achievement between gender and race among rural high school students* [Paper Presentation]. American Educational Research Association conference, Denver, CO.
- Burt, W., Vesey, J., Stroter, A., & **Middleton, K.** (2010, May). *Reporting results and appropriate alpha levels in multiple regression* [Poster Presentation]. American Educational Research Association conference, Denver, CO.

- Middleton, K.** (2009, April). *Rural high school students' motivation to achieve and mathematics standardized test performance* [Paper Presentation]. American Educational Research Association conference, San Diego, CA.
- Middleton, K.** (2008, November). *Breaking your own glass ceilings* [Presentation]. National Alliance for Doctoral Studies in the Mathematical Sciences, Ames, IA.
- Middleton, K.** (2008, July). *Life after graduate school* [Presentation]. The Leadership Alliance National Symposium, Hartford, CT.
- Middleton, K.** (2008, March). *An examination of differential item and differential bundle functioning on a reading comprehension test administered to students with reading-based learning disabilities* [Paper Presentation]. NCME conference, New York, NY.
- Mapuranga, R., Dorans, N., & **Middleton, K.** (2008, March). *A review of recent developments in differential item functioning* [Paper Presentation]. NCME conference, New York, NY.
- Dorans, N., & **Middleton, K.** (2008, March). *Challenges facing extreme forms of linking* [Invited Paper Presentation]. NCME conference, New York, NY.
- Middleton, K.** (2007, April). *The effect of a read-aloud accommodation on items on a reading comprehension test for students with reading-based learning disabilities* [Paper Presentation]. The University of Iowa's Educational Measurement and Statistics Graduate Program seminar, Iowa City, IA.
- Middleton, K.** (2007, April). *Examining test items for differential distractor functioning among students with learning disabilities* [Paper Presentation]. NCME conference, Chicago, IL.
- Middleton, K.** & Morgan, V. (2007, February). *Adult literacy among the United States prison population* [Poster Presentation]. The University of Iowa's Diversity Research Symposium, Iowa City, IA.
- Middleton, K.** (2007, January). *Differential item functioning between races on a standardized reading/language arts test* [Poster Presentation]. Holmes Partnership Conference, San Antonio, TX.
- Middleton, K.** (2006, April). *The black-white standardized test score gap: A closer look at the causal factors* [Paper Presentation]. AERA conference, San Francisco, CA.
- Croft, M., Waltman, K., **Middleton, K.**, & Stevenson, E. (2005, April). *The impact of school-level accountability on local testing practices* [Paper Presentation]. NCME conference, Montreal, Quebec.
- Stevenson, E., Waltman, K., Croft, M., & **Middleton, K.** (2005, April). *Using test scores for school-level accountability: analyzing the impact on curriculum and instructional practices* [Paper Presentation]. AERA conference, Montreal, Quebec.

THESIS AND DISSERTATION COMMITTEE MEMBERSHIP AND VOLUNTEER WORK

Dissertation Committees Served On

Completed

Member: Elan Donnellan (Neuropsychology; 2024)

Member: Courtney Wilkerson (Educational Leadership and Policy Studies; 2023)

Member: Nesreen Qushmaq (Educational Psychology; 2023)
Member: Ashley Ortiz (Counseling Psychology; 2023)
Member: Drew Lomax (Counseling Psychology; 2023)
Member: Walter Stamp (Counseling Psychology; 2023)
Member: Terrell Wyche (School Psychology; 2022)
Member: Benjamin Bazzi (Counseling Psychology; 2022)
Advisor: Monica Jackson (Counseling Psychology; 2022)
Member: Yetunde Akinola (Developmental Psychology; 2022)
Member: Jamal Hailey (Counseling Psychology; 2022)
Member: Mar'Kayla Walker-Jones (Counseling Psychology; 2022)
Member: Ximena Radjenovich (Counseling Psychology; 2022)
Member: Cindy Dike (Counseling Psychology; 2022)
Member: Parnell Minter (Counseling Psychology; 2022)
Member: Sahran Hamit (Counseling Psychology; 2022)
Member: Karen Bussey (Educational Leadership and Policy Studies; 2021)
Member: Karen Gray-Adams (Educational Psychology; 2021)
Member: Arden Matthew (School Psychology; 2021)
Member: Nancy A'jaa (Counseling Psychology; 2021)
Member: Jasmyn Ledford (School Psychology; 2021)
Member: Lauren Thompson (Clinical Psychology; 2021)
Member: Nichole O'Bryan (School Psychology; 2018)
Member: Maurice Asuquo (Educational Leadership and Policy Studies)*
Advisor: Ibrahim Alobidan (Educational Psychology; 2020)
Advisor: Rhonda Baylor Celey (Educational Psychology; 2019)
Advisor: Stacey McDonald Lowe (Educational Psychology; 2019)
Advisor: Jasmine Watkins (Educational Psychology; 2018)
Advisor: Inez Moore (Educational Psychology; 2018)
Advisor: Rufus Spann (School Psychology; 2017)
Advisor: Ziauddin Chaudhry (Educational Psychology 2017)
Advisor: Neisha-Ann Thompson (Counseling Psychology; 2015)
Advisor: Camelia Sadler (Educational Psychology; 2014)
Member: Oral Grant (Educational Psychology; 2020)
Member: Artaisha Jenkins (Business Administration; 2020)
Member: Na'imah Sedegah (Counseling Psychology; 2019)
Member: Kendra DeLaine (Educational Psychology; 2019)
Member: Phillip Graham (Counseling Psychology; 2019)
Member: Aviella Snitman (Counseling Psychology; 2018)
Member: Demetri White (School Psychology; 2018)
Member: Charnel Hollier (Counseling Psychology; 2018)
Member: Ebony Fitchue (School Psychology; 2018)
Member: Tierra Ellis (School Psychology; 2018)
Member: Brittany Dancy Caro (Counseling Psychology; 2017)
Member: De'Lon Isom (School Psychology; 2017)
Member: Ketly Jean-Pierre (Computer Science; 2017)
Member: Lisa Haileab (Counseling Psychology; 2017)
Member: Kelechi Anyanwu (Counseling Psychology; 2017)

Member: Courtney Hives (Counseling Psychology; 2017)
Member: Troy Shine (School Psychology; 2017)
Member: Lori McDowell (School Psychology; 2017)
Member: Lyneia Hawkins (Counseling Psychology; 2017)
Member: Johanna Williams (Counseling Psychology; 2017)
Member: Danyelle Brown-Willis Ireland (Educational Psychology; 2016)
Member: Susi Ferradas (Counseling Psychology; 2016)
Member: Lether Vavassoeur (School Psychology; 2016)
Member: Linda Terry (Counseling Psychology; 2016)
Member: Nicholle Hill (Counseling Psychology; 2016)
Member: Billy Holcombe (Psychology; 2016)
Member: Stephanie McCain (School Psychology; 2015)
Member: Desiree Bindus Vyas (School Psychology; 2015)
Member: Zoeann Finzi-Smith (Counseling Psychology; 2015)
Member: Lora King (Educational Administration and Policy; 2014)
Member: Terrell Brown (Social Work; 2014)
Member: Diana Edwards (Educational Psychology; 2013)
Member: Nicole Manns (Counseling Psychology; 2012)
Member: O'Shan Gadsden (Counseling Psychology; 2012)
Member: Joseph Johnson (Educational Psychology; 2012)
Member: Elizabeth Ricks (Educational Psychology; 2012)
Member: Shelly Williams (Educational Administration and Policy; 2012)
Member: Cheryl Doby-Copeland (School Psychology; 2011)

*awarded posthumously

Proposal Defended

Member: Daphne Bernard (Higher Educational Leadership and Policy Studies, 2025)
Member: Amber Williams (Counseling Psychology, 2024)
Member: John Roberts (Higher Educational Leadership and Policy Studies, 2023)
Member: Alexandria Smith (Counseling Psychology, 2022)
Member: Wyneiceia Hyman (Counseling Psychology; 2018)

Thesis Committees Served On

Completed

Member: Nesreen Qushmaq (Educational Psychology; 2021)
Advisor: Ibrahim Alobidan (Educational Psychology; 2018)
Advisor: Rhonda Celey (Educational Psychology; 2017)
Advisor: Stacey McDonald-Lowe (Educational Psychology; 2017)
Advisor: Jasmine Watkins (Educational Psychology; 2016)
Advisor: Ziauddin Chaudhry (Educational Psychology 2016)
Advisor: Inez Moore (Educational Psychology; 2015)
Advisor: Camelia Sadler (Educational Psychology; 2012)
Member: Oral Grant (Educational Psychology; 2015)

Member: Angelica Barrett (Educational Psychology; 2014)
Member: Danyelle Brown-Willis (Educational Psychology; 2013)
Member: Louise Prince (Educational Psychology; 2012)
Member: Linell Edwards (Educational Psychology; 2011)

Proposal Defended

Advisor: Ashley Turnbull (Educational Psychology; 2021)

Voluntary Service on Thesis/Dissertation Committees

Lawrence Wilson (Dissertation; School Psychology; 2020)
Roji Banks (Dissertation; School Psychology; 2020)
Abeer Alshehri (Dissertation; School Psychology; 2018)
Ahmad Almlhem (Dissertation; School Psychology; 2018)
Nelaja L'Elie (Dissertation: School Psychology; 2016)
Charlene Roach-Glymph (Dissertation: Educational Administration and Policy; 2013)
Aimee Pressley (Dissertation; Educational Administration and Policy; 2012)
Cassandra McNair (Thesis; Counseling Psychology; 2011)
Tiffany Johnson-Largent (Dissertation; Nutritional Sciences; 2011)
Mildred Nti (Dissertation; Counseling Psychology; 2010)
Esau Foster II (Dissertation; School Psychology; 2010)
Lakeisha Jourdan (Dissertation; School Psychology; 2010)
Sheila Mitchell (Dissertation; School Psychology; 2010)

INTERNAL AND EXTERNAL SUBMITTED GRANT WORK

- **Funded:** "Statistical and Psychometric Methods for Measuring the Extent to which Culturally Responsive Assessments Reduce Cultural Bias", External Consultant, National Science Foundation, 2023-2025
- **Non-funded:** "FMRG: Bio: Bioinspired Manufacturing using Hydrodynamic Assembly of Cells and Molecules", Co-Principal Investigator, National Science Foundation, 2022, 2024
- **Non-funded:** "Developing A Human-aware AI Learning Assessment System to Enhance Online Education," Co-Principal Investigator, National Science Foundation, 2021
- **Funded:** "Professional Pathways of the Multiply Marginalized in Physics," *External Advisory Board member*, National Science Foundation, 2020.
- **Funded:** "Understanding the Impact of Inclusive Classroom Spaces on Engineering Students Experiences and Retention", *External Advisory Board member*, National Science Foundation, 2020-2022
- **Non-funded:** "Our Town," *Co-Principal Investigator*, Institute of Education Sciences, Small Business Innovation Research, 2020
- **Funded:** "Development and Validation of an Academic Acculturation Scale," Howard University Walter and Theodora Daniel Endowed Educational Research

- Fund, *PI*, 2019-2020
- **Non-funded:** “Development of an Academic Acculturation Scale,” *Principal Investigator*, Institute of Education Sciences, 2015
 - **Funded:** “Mathematics Learning Styles, Attitude, and Relatability Among Black College Students,” Howard University Walter and Theodora Daniel Endowed Educational Research Fund, *PI*, 2012-2013
 - **Funded:** Ready to Teach, *program evaluator*, U.S. Department of Education, 2013
 - **Non-funded:** “Enhancing Traditional Classroom Instruction with Hands-on Learning Projects in Engineering Mechanics and Structural Engineering Courses,” National Science Foundation, *internal evaluator*, 2011
 - **Funded:** Teachers for a New Era, *psychometric consultant*, Carnegie Foundation, 2009-2011

CERTIFICATIONS AND PROGRAMMING AND STATISTICAL SKILLS

- Blackboard Certified
- Distance Learning Certified
- Statistical Software: Excel, R, SAS/Base, SAS/Macros, SAS/Stat, SPSS, STATA
- Psychometric Software: AMOS, BILOG-MG, LISREL, PARSCALE, SIBTEST, TESTGRAF
- Operating systems: Windows, UNIX
- Programming Languages: C, C++, R

HONORS AND AWARDS

- Selected as a Lumen Circles Fellow, 2022, 2025
- Chosen as a 2021 *NCES Data Institute: Using Federal Datasets to Support Research on Postsecondary Education* (Institute) participant
- FAMU Northeast Region Alumni of the Year Awardee, 2019
- Faculty Exemplar, 2018
- HU-Teach Finalist and Awardee, 2017
- Selected as a Howard University Faculty Scholar for the University of New Hampshire Writing Academy, Summer 2015
- Awarded the 2014 Education Pioneer Analyst Fellowship, Spring 2014 (deferment to 2015-2016 school year)
- Chosen Representative for AERA Institute on Statistical Analysis for Education Policy on *Mathematics Education and Equity*, May 2013
- Department of Human Development and Psychoeducational Studies Distinguished Faculty of the Month, December 2012
- Selected as a Mellon Foundation Fellow to attend the Salzburg Global Seminar on Optimizing Talent: Closing Educational and Social Mobility Gaps Worldwide, Salzburg, Austria, December 2011
- Southeastern Association of Educational Opportunity Program Personnel TRiO Achiever Award, January 2009

- Sylvia Taylor Johnson Minority Postdoctoral Fellowship in Educational Measurement Awardee, Educational Testing Service, Princeton, NJ, August 2007-2009
- University of Iowa Holmes Scholar, Iowa City, IA, 2006-Present (lifetime honor)
- The University of Iowa Dean's Graduate Fellowship, Iowa City, IA, 2002-2006

PROFESSIONAL SERVICE ACTIVITIES

Department

- **Program Coordinator**, Educational Psychology, 2013-2021
- **Member**, Appointments, Promotion, and Tenure Committee, 2014-2024
- **Chair**, Bennetta B. Washington Dissertation Award Committee, 2021-2024
- **Chair**, Educational Psychology Faculty Search Committee, 2015, 2016, 2018
- **Member**, Executive Committee, 2013-2021
- **Member**, Graduate Studies Committee, 2010-Present
- **Coordinator**, Master's and Doctoral Comprehensive Exams, 2010-2016
- **Secretary**, Faculty Meetings, 2009-2012
- **Faculty Advisor**, Educational Psychology Student Association, 2010-Present

School

- **Chair**, Scholarship Committee, 2021-2024
- **Chair**, Appointments, Promotion, and Tenure Committee, 2022-2023
- **Member**, Appointments, Promotion, and Tenure Committee, 2021-2022
- **Member**, Graduate Studies Committee, 2021-Present
- **Member**, Higher Education Leadership and Policy Studies Search Committee, 2020
- **Member**, Evaluation and Instruction Committee, 2020-2021
- **Acting Chair**, Judiciary Committee, 2019
- **Member**, Strategic Planning Committee, 2018-2020
- **Member**, Assessment Committee, 2010-2012, 2018-2020
- **Member**, Technology and Library Committee, 2018-2021
- **Member**, Charles H. Thompson Lecture committee, 2017-Present
- **Member**, Scholarship Committee, 2014-2016
- **Chair**, Assessment Committee, 2013-2017
- **Member**, Executive Committee, 2010-2020

University

- **Member**, Director of Institutional Research Search Committee, 2024
- **Member**, Prioritization Proposal Review Committee, 2023
- **Chair**, Graduate School Executive Board, 2022-2023
- **Member**, Program Innovation and Review Committee, 2021-2023
- **Chair**, Middle States Self-Study Standard V Working Group: Educational Effectiveness Assessment, 2018-2020

- **Participant**, Inaugural Assessment Academy, 2020
- **Member**, Decanal Evaluation Survey Design Subcommittee, 2020
- **Member**, Graduate School Executive Board, 2019-2023
- **Member**, Institutional Review Board, 2014-Present
- **Judge**, Howard University Graduate School Research Symposium, 2010, 2011

The Profession

- **Member**, Association of Women in Mathematics Education Committee, 2025-Present
- **Member**, American Psychological Association, Coalition for Psychology in Schools and Education (CPSE), 2023-Present
- **State and District Technical Advisory Committees member**, 2021-Present
- **Member**, American Psychological Association, Committee on Psychological Tests and Assessment (CPTA), 2022-Present
- **American Mathematical Society representative**, AMS-ASA-MAA-SIAM Joint Data Committee, 2022-Present
- **Chan Zuckerberg Initiative (CZI) Faculty Mentor Fellow** in Educational Measurement, 2021-Present
- **Board Liaison**, NCME Committee on Informing Assessment Policy, 2021-2024
- **Board Liaison**, NCME Graduate Studies Issues Committee; 2021-2024
- **Board Liaison**, NCME Big Data SIGIMIE, 2021-2023
- **Board of Directors Member**, NCME, 2021-2024
- **Circle Leader**, Center for Measurement Justice Writing Accountability Circle, 2020-Present
- **Executive Council Member**, The National Alliance for Doctoral Studies in the Mathematical Sciences, 2019-Present
- **Faculty Committee Member**, NCME Graduate Student Issues Committee, 2018-2021
- **Mentor**, NCMEntoring Program, Spring 2018
- **Primary Organizer**, NCMEntoring Program, 2016 (inaugural year), 2017
- **Member**, Membership Committee, National Association of Assessment Directors (NAAD), 2014-2018
- **Director**, Board of Directors, NAAD, 2014-2018
- **Member**, Governing Board of the Regional Educational Laboratory for the Mid-Atlantic region, 2014-2017
- **Early Career Mentor**, AERA, Division H, 2013
- **Committee Member**, NCME, Recruitment Committee, 2011-2017

Panel, Journal, and Conference Reviews

- **Ad hoc Journal Reviewer**, *Journal of Negro Education*, 2023
- **Associate Editor**, *Educational Measurement: Issues and Practice*, 2022-2024
- **Ad hoc Journal Reviewer**, *Alberta Journal of Educational Research*, 2022
- **Review Panel Member**, National Science Foundation, 2011, 2020-Present
- **Editorial Board Member**, *Journal of Educational Measurement*, 2019-Present

- **Editorial Board Member**, *Educational Measurement: Issues and Practice*, 2019-2022; 2025-Present
- **Reviewer**, *The Physics Teacher*, 2019-Present
- **Reviewer**, AERA Undergraduate Student Education Research Training Workshop, 2019
- **Ad hoc Journal Reviewer**, *Journal of Black Psychology*, 2018-present
- **Reviewer**, Howard University Just-Julian Fellowship, 2017-Present
- **Undergraduate Mentor**, National Alliance for Doctoral Studies in the Mathematical Sciences, 2009-Present
- **Ad hoc Journal Reviewer**, *Sex Roles: A Journal of Research*, 2016
- **Faculty Discussant**, AERA Division H In-progress/Roundtable, 2016
- **Ad hoc Journal Reviewer**, *Educational Psychology*, 2011
- **Presentation Chair**, AERA, Division H (Research, Evaluation, and Assessment in Schools), 2011
- **Presentation Discussant**, AERA, Division H, 2010
- **Committee Member**, AERA, Division D (Measurement and Research Methodology): Robert L. Linn Distinguished Address Award Committee, 2008-2011
- **Reviewer**, AERA, Divisions D, G, H, K, Research in Mathematics Education SIG, and Rural SIG, 2007-2013, 2015-2017
- **Reviewer**, The Holmes Partnership, 2007
- **Reviewer**, NCME, 2005, 2009, 2019

Community Service

- **Higher Education Committee Chair**, DC HBCU Alumni Alliance, 2021-Present
- **Internship Coordinator**, DC HBCU Alumni Alliance College Awareness and Planning for Careers in STEM, Washington, DC, 2019-Present
- **Higher Education Committee Member**, DC HBCU Alliance, 2018-2021
- **Volunteer**, Colleton County Memorial Library, Children's Department, 2019
- **Secretary**, FAMU Northeast Region Alumni Association, 2018-2019
- **Secretary**, FAMU Northern Virginia Alumni Association, 2015-Present
- **Committee Chair**, Community Service, FAMU Northern Virginia Alumni Association, 2012-Present
- **Wounded Soldier/Music Therapist Match Coordinator**, Warrior Cry Music Project, 2011-2012

RELEVANT PROFESSIONAL DEVELOPMENT

- *NCES Data Institute: Using Federal Datasets to Support Research on Postsecondary Education* (Institute; January – June 2021)
- HU Fresh Start Course, Spring 2021
- Structural Equation Modeling workshop (May 6-8, 2020)
- HU-Teach Program, Summer 2017
- AERA Institute on Statistical Analysis for Education Policy on *Mathematics Education and Equity* (May 21-23, 2013)

- Hierarchical Linear Modeling workshop (April 12-13, 2010)

PROFESSIONAL MEMBERSHIPS

- Northeastern Regional Research Association, 2018-Present
- American Psychological Association, 2017-Present
- Education Pioneers Alumni Network, 2016-Present
- National Association of Assessment Directors, 2013-Present
- American Educational Research Association, 2005-Present
- National Council on Measurement in Education, 2005-Present
- Mathematical Association of America, 2022-Present
- American Mathematical Society, 2022-Present