

Taniecea A. Mallery, Ph.D.

EDUCATION

Ph.D. in Applied and Computational Mathematics, Princeton University, 2012

M.A. in Applied and Computational Mathematics, Princeton University, 2009

B.S. in Mathematics (minor in Physics), *summa cum laude*, Loyola University New Orleans, 2005

PROFESSIONAL DEVELOPMENT

Institute for Educational Management (IEM); Harvard Graduate School of Education (2018)

Chief Diversity Officer Fellows Program (CDOFP); National Association of Diversity Officers in Higher Education (NADOHE) (2016-2017)

Leadership Lafayette, Class XXIX; Leadership Institute of Acadiana (2016)

PROFESSIONAL EXPERIENCE

Director of Equity, Diversity & Community Engagement

University of Louisiana at Lafayette (2015-Present)

- Advise the President and his Cabinet on issues of equity, diversity and community engagement
- Serve as the senior administrator for equity, diversity and inclusion
- Develop institution-wide strategic initiatives to guide the mission/vision for diversity and inclusion
- Chair the Diversity Advisory Council, consisting of faculty, staff, students and community members
- Chair the Women's Leadership Conference Planning Committee, which plans an annual conference hosting 250+ attendees from across the state
- Led the successful application for the *INSIGHT Into Diversity* 2018 Higher Education Excellence in Diversity (HEED) Award
- Established and chaired the Inclusive Excellence Committee, a city-wide diversity, equity and inclusion planning committee spearheaded by Lafayette Consolidated Government (LCG), Lafayette Economic Development Authority (LEDA), and One Acadiana (the regional Chamber of Commerce)
- Created *Courageous Conversations*, a capacity-building monthly series for faculty and staff devoted to advancing inclusive teaching, recruitment and retention strategies
- Established the *James Jackson Community of Scholars*, a network of support and mentorship for underrepresented minority graduate students

- Steered the development of the *Diversity, Equity and Poverty Research Community of Interest*
- Led the creation and execution of *Project ALLIES*, a campus-wide educational initiative to enhance the climate and culture for LGBTQ+ students, faculty and staff
- Collaborate with the Chief Human Resources Officer and the Title IX Coordinator to provide resources for education and compliance
- Advise the creation, operation and development of multicultural student organizations
- Develop grant-funded research projects that are interdisciplinary and community-focused
- Compile annual assessment reports to monitor progress in diversity and inclusion goals and targets
- Represent the University on boards, councils and committees at the local, state and national levels

Graduate Faculty Member, College of Education

University of Louisiana at Lafayette (2016-Present)

- Teach courses in diversity, leadership and strategic planning for the Ed.D. in Educational Leadership
- Advance a research agenda in diversity and higher education leadership
- Supervise masters and doctoral theses
- Serve on the Graduate Student Success and Retention Committee
- Collaborate with the Dean of the Graduate School to advise and direct the James Jackson Community of Scholars

Senior Diversity Research Specialist

Association of American Medical Colleges (AAMC) (2013-2015)

- Led research studies and supported programmatic initiatives to advance diversity in academic medicine
- Directly supported the Chief Diversity Officer through advising and content development for national presentations and publications
- Published national reports on topics including diversity, public health & community medicine
- Presented research on mathematical models of diversity in academic medicine at national conferences
- Facilitated an innovation forum on the topic of Unconscious Bias in Academic Medicine, featuring over 40 diversity and inclusion practitioners and thought leaders
- Co-authored an online publication and database of diversity in the U.S. physician workforce
- Co-facilitated a course entitled, “Qualitative and Quantitative Research Methods” for the 2014 Healthcare Executive Diversity and Inclusion Certificate Program (HEDIC)

Research Mathematical Statistician

U.S. Census Bureau (2012-2013)

- Applied social network analysis to advance statistical research in survey methodology
- Developed a method for link prediction in social network surveys with missing data
- Coordinated a seminar series on respondent-driven sampling for the *Summer at Census* program

Community Associate

Princeton University, Graduate School Office of Student Life (2010-2011)

- Coordinated social, intellectual, and cultural activities for the graduate student community
- Supported the recruitment and retention of current graduate students
- Advised new graduate students through panel discussions for orientation sessions

Diversity Fellow

Princeton University, Graduate School Office of Academic Affairs & Diversity (2009-2010)

- Supported the diversity initiatives of the Graduate School through recruitment and retention activities
- Represented the Princeton University Graduate School at recruitment fairs throughout the country
- Planned and executed symposia to highlight the achievements of underrepresented scholars

Mathematical Statistician

U.S. Census Bureau (2005-2007)

- Conducted statistical research and analysis of data quality for Census Bureau demographic surveys
- Developed and evaluated a field test to explore new survey technology for data quality assurance
- Presented research in Census Bureau data quality assurance at a national statistics conference

TEACHING EXPERIENCE

Graduate Faculty Member

University of Louisiana at Lafayette (2016-Present)

- Teach courses in the Ed.D. program in Educational Leadership in the College of Education
- Develop curricula to address diversity, leadership and strategic planning in higher education

Instructor

AAMC Healthcare Executive Diversity and Inclusion Certificate Program (2014)

- Co-taught the course “Qualitative and Quantitative Research Methods” for diversity deans and leaders
- Developed resources for quantitative analysis of diversity initiatives in higher education

Expert/Mentor

Educurious (2012)

- Advised students in the course “Investigating Science Through Story” using distance learning tools
- Provided mentorship to underrepresented students attending a high school in Washington state

Graduate Fellow

Princeton University, McGraw Center for Teaching and Learning (2009-2012)

- Designed and led orientation sessions for new graduate student teaching assistants
- Conducted classroom observations and consultations with teaching assistants

QuantLab Coordinator

Princeton University, Freshman Scholars Institute (2011)

- Provided pedagogical training for mathematics tutors (undergraduate students)
- Supervised calculus tutors and served as an academic consultant to incoming freshmen

Instructor

Princeton University, Summer Workshop in Mathematics (SWIM) for high school women (2010)

- Designed and taught the course “Introduction to abstract algebra with applications to social systems”
- Provided mentorship and support to high school women aspiring to study mathematics in college

Instructor

Princeton University, Freshman Scholars Institute (2008-2010)

- Designed and taught MAT 101: *Calculus I with Pre-calculus Review* & MAT 103: *Calculus I*
- Provided mentorship and support during a transitional summer bridge program for incoming freshmen

Graduate Student Mentor

Princeton Summer Undergraduate Research Experience (PSURE) (2007-2008)

- Guided and assisted undergraduate students in summer research projects
- Provided mentorship and insight into the graduate school application process and student experience

RESEARCH GRANTS

Co-PI, U.S. Economic Development Administration. 2018-2023. “UL Lafayette University Center – Louisiana Entrepreneurship and Economic Development (LEED) Center.” (\$112,850)

Co-PI, National Science Foundation. 2016-2018. “Assessing Community Resilience Through Integrating and Modeling Human Geography.” (\$195,000).

SELECTED HONORS & AWARDS

NADOHE Chief Diversity Officer Fellowship (2016-2017)
20 Under 40 Young Leader Award, *The Daily Advertiser* (2016)
U.S. Census Bureau Postdoctoral Research Fellowship (2012-2013)
Ford Foundation Predoctoral Diversity Fellowship (2008-2011)
Patrice Y. Johnson *80 Memorial Service Award, Association of Black Princeton Alumni (2011)
Google Women of Color Scholarship (2010)
Princeton University Presidential Fellowship (2007-2008)
National Science Foundation Graduate Research Fellowship, Honorable Mention (2007-2008)
Phi Beta Kappa Award for Outstanding Honors Thesis (2005)
American Mathematical Society/Mathematical Association of America Award (2005)
Loyola University Ignatian Scholarship (2001-2005)
National Achievement Scholarship (2001)
National Merit Finalist (2001)

PEER-REVIEWED PUBLICATIONS

1. **Mallery, T.** (accepted). The Impact of the Southern Women Dataset on Social Network Analysis, In *Through Mama's Eyes: Unique Perspectives of Southern Matriarchy*, eds. Cheylon Woods and Kiwana McClung. Lafayette, LA: University of Louisiana at Lafayette Press.
2. **Mallery, T.** (in press). Meta-Analysis, In *The SAGE Encyclopedia of Human Communication Sciences and Disorders*, eds. Jack S. Damico and Martin J. Ball. Thousand Oaks, CA: SAGE Publications.
3. Fair, M. and **T. Arceneaux**. (2016). How can academic health centers and teaching hospitals address the social determinants of health? *Academic Medicine*, 91(3): 443.
4. Xierali, I., R. Maeshiro, S. Johnson, **T. Arceneaux**, and M. Fair. (2014). Public health and community medicine instruction and physician practice location, *American Journal of Preventative Medicine*, November 2014, 47(5): S297-S300.
5. **Arceneaux, T.** and B. Singer. (2013). Link prediction and missing data in social network surveys: An initial exploration. In *JSM Proceedings*, Statistical Computing Section. Alexandria, VA: American Statistical Association, 3100-3113.
6. **Arceneaux, T.** (2007). Evaluating the Computer Audio-Recorded Interviewing (CARI) Household Wellness Study (HWS) field test. In *JSM Proceedings*, Statistical Computing Section [CD-ROM], Alexandria, VA: American Statistical Association, 2811-2818.

POLICY REPORTS & DATABASES

1. Association of American Medical Colleges. (2017). *Proceedings of the Diversity and Inclusion Innovation Forum: Unconscious Bias in Academic Medicine*. Washington, DC: Author. Retrieved from https://members.aamc.org/eweb/upload/Unconscious_Bias.pdf
2. Association of American Medical Colleges. (2015). *Altering the Course: Black Males in Medicine*. Washington, DC: Author. Retrieved from https://members.aamc.org/eweb/upload/Black_Males_in_Medicine_Report_WEB.pdf
3. Association of American Medical Colleges. (2014). *Diversity in the Physician Workforce: Facts and Figures*. Washington, DC: Author. Retrieved from <http://www.aamcdiversityfactsandfigures.org>
4. Association of American Medical Colleges. (2014). *Reflections on Diversity and Inclusion in Academic Medicine: Commemorating Dr. Herbert W. Nickens' Legacy*. Washington, DC: Author. Retrieved from <https://www.aamc.org/download/427368/data/nickensinteractivecommemorativebook.pdf>
5. Association of American Medical Colleges. (2014). *Diversity and Inclusion in Academic Medicine: A Strategic Planning Guide (First Edition)*. Washington, DC: Author.

SELECTED CONFERENCES & INVITED TALKS

NADOHE Annual Conference (March 2016, March 2017, March 2018)

Invited Participant; Moderator; NADOHE Chief Diversity Officer Fellow

White House Summit on Advancing Postsecondary Diversity and Inclusion (November 2016)

Invited Participant

AAMC Group on Diversity and Inclusion (GDI) / Group on Faculty Affairs (GFA) Conference (June 2015)

Invited Participant

AAMC Diversity and Inclusion Innovation Forum (June 2014)

Invited Participant & Facilitator: Unconscious bias in undergraduate medical education

AAMC Health Workforce Research Conference (May 2014)

Invited Presentation: A stochastic model of student flow in medical education

Complex Systems, Health Disparities, and Population Health: Building Bridges (February 2014)

Invited Poster: A stochastic model of student flow in medical education

Joint Statistical Meetings (August 2013)

Invited Presentation: Link prediction and missing data in social network surveys: An initial exploration

Society for Industrial and Applied Mathematics (SIAM) Workshop Celebrating Diversity (July 2012)

Invited Presentation: Resilience of small social networks with multiple relations

U.S. Census Bureau, Center for Statistical Research and Methodology Seminar (June 2011)

Invited Presentation: Resilience of small social networks with multiple relations

Technical Education Research Center (TERC) Seminar (February 2011)

Invited Presentation: Resilience of small social networks with multiple relations

Loyola University New Orleans, Pi Mu Epsilon Seminar (October 2009)

Invited Presentation: Mathematical models of social networks: Tribes, families and Southern women

15th Conference for African American Researchers in the Mathematical Sciences (June 2009)

Award-Winning Poster/Presentation: Mathematical models of social networks: Tribes, families and women

Google Workshop for Women Engineers (February 2008)

Invited Participant

Program for Women in Mathematics, Institute for Advanced Study and Princeton University (June 2007)

Invited Participant

SERVICE TO THE UNIVERSITY

Member, SACSCOC Quality Enhancement Plan Committee, UL Lafayette (2017-Present)

Member, Assessment Council, UL Lafayette (2017-Present)

Member, Graduate Student Success & Retention Committee, UL Lafayette (2015-Present)

Member, Board of Directors, Ernest J. Gaines Center, UL Lafayette (2015-Present)

Member, First-Year Experience Advisory Committee, UL Lafayette (2015-Present)

Member, Black Faculty & Staff Association, UL Lafayette (2015-Present)

Chair, Women's Leadership Conference Planning Committee, UL Lafayette (2015-Present)

Member, Diversity Advisory Council, UL Lafayette (2015-Present)

Co-Convener, *A Legacy of Learning: Blacks in Higher Education Symposium*, Princeton University (2010)

President, Wesley L. Harris Scientific Society, Princeton University (2009-2010)

Executive Council Member, Graduate Women of Color Caucus, Princeton University (2009-2010)

Executive Board Member, Black Graduate Caucus, Princeton University (2008-2009)

SERVICE TO THE COMMUNITY

Vice President of Advancement, Leadership Institute of Acadiana (2019-Present)

Member, Board of Directors, Louisiana Budget Project (2018-Present)

Reviewer, Gigabit Community Fund, Mozilla Foundation (2018)

Reviewer, PACT Grant Program, United Way of Acadiana (2018)

Chair, Race Relations Task Force, United Way of Acadiana (2017-2018)

Member, Board of Directors, Lafayette Education Foundation (2017-Present)

Member, Editorial Board, *The Daily Advertiser* (2017-Present)

Member, Board of Directors, Leadership Institute of Acadiana (2017-Present)

Member, Board of Directors, United Way of Acadiana (2016-Present)

Reviewer, External Agency Funding Program, Lafayette Consolidated Government (2016)

SERVICE TO THE PROFESSION

Chair, Chief Diversity Officer Fellows Program Selection Committee, NADOHE (2018-2019)

Member, Chief Diversity Officer Fellows Program Selection Committee, NADOHE (2017-2018)

Member, National Association of Diversity Officers in Higher Education (NADOHE) (2015-Present)

Member, American Educational Research Association (AERA) (2015-Present)

Member, Society for Industrial and Applied Mathematics (SIAM) (2012-Present)

Reviewer, *Social Science Computer Review* (2013)

Reviewer, *Statistics and Computing* (2012)