### Amber Bradshaw Hodges, Ph.D.

## Department of Psychology, Morgan State University, Baltimore, MD 21251 Phone: 443-885-4351 email: <a href="mailto:amber.hodges@morgan.edu">amber.hodges@morgan.edu</a>

Professional Preparation Chicago School of Professional Psychology Post Graduate Certificate - Academic Leadership	2014
Graduate School and University Center, CUNY Psychology Program; Subprogram Biopsychology Doctor of Philosophy Masters of Philosophy	1998-2004 2004 2003
Bennett College Bachelors of Science in Psychology	1998
Appointments Associate Chairperson Department of Psychology, Morgan State University	2022-present
Associate Professor (Tenured) Department of Psychology, Morgan State University	2012-present
Assistant Professor (Tenure-track) Department of Psychology, Morgan State University	2007 - 2012
Visiting Research Professor Department of Psychology, Boston University, Boston, MA	May 2010-July 2010
Postdoctoral Research Associate Department of Biology, Morgan State University	2004 - 2007

#### **Publications**

- 1. **Hodges, A.B.** (2018). Implementation of a STEM Pre-professional Workshop Series. (1st Ed). *Women Having Impact: How women of color are making a difference in STEM at minority serving institution.* California, United States of America. Fielding University Press
- 2. **Hodges, A.B.** (2017). The Journey to My Authentic Self: A Leader Emerges without Even Knowing It. (1st Ed). *Women Called to Lead: Empowering Women of Color in Academic Leadership.* California, United States of America. Fielding University Press
- 3. **Hodges, A. B.** and Wells, A.M. (2015). Developing STEM Scholars with Vision: Psychology Plants Seeds of Excellence. (1st Ed). *Diversity in Higher Education*. Bingley, United Kingdom. Emerald Group Publishing Limited
- 4. Hohmann CF, **Hodges A**, Beard N, Aneni J. Effects of brief stress exposure during early postnatal development in Balb/CByJ mice: I. Behavioral characterization. Dev

Psychobiol. 2012 Apr 5. doi: 10.1002/dev.21027. [Epub ahead of print] PMID: 22488044

- 5. Cadet JL, Brannock C, Ladenheim B, McCoy MT, Beauvais G, **Hodges AB**, Lehrmann E, Wood WH 3rd, Becker KG, Krasnova IN. Methamphetamine preconditioning causes differential changes in striatal transcriptional responses to large doses of the drug. Dose Response. 2011;9(2):165-81. Epub 2010 Jul 2. PMID: 21731535
- 6. **Hodges, A.B.**, Ladenheim, B., McCoy, M.T., Beauvais, G., Cai, N.S., Krasnova, I.N., and Cadet, J.L. Long-term protective effects of methamphetamine preconditioning against single-day methamphetamine toxic challenges. Current Neuropharmacology. 2011 9 (1):35-39
- 7. McCoy, M.T., Jayanthi, S., Wulu, J.A., Beauvais, G. Ladenheim, B. Martin, T., Krasnova, I.N., **Hodges, A.B.** and Cadet, J.L. Chronic methamphetamine exposure suppresses the striatal expression of members of multiple families of immediate early genes (IEGs) in the rat: normalization by an acute methamphetamine injection. Psychopharmacology. 2011 May;215(2):353-65. PMID: 21229349
- 8. Krasnova, I.N., Ladenheim, B., **Hodges, A.B.**, Volkow, N.D., and Cadet, J.L. Chronic methamphetamine administration causes differential regulation of transcription factors in the midbrain. PloSOne (Public Library of Science). 2011 Apr 25;6(4):e19179. PMID:21547080
- Cadet, J.L., McCoy, M.T., Cai, N.S., Krasnova, I.N., Ladenheim, B., Beauvais, G. Wilson, N., Wood III, Becker, K.G., and Hodges, A.B. Methamphetamine preconditioning alters transcriptional responses to methamphetamine-induced injury in the rat ventral midbrain. PloSOne (Public Library of Science) 2009 Nov 12;4(11):e7812. PMID:19915665
- Krasnova, I.N., Hodges, A.B., Ladenheim, B., Rhoades, R., Phillip, C.G., Ceseňa, A., Ivanova, E., Hohmann, C.F. and Cadet, J.L., Methamphetamine Treatment Causes Delayed Decrease In Novelty-Induced Locomotor Activity In Mice. Neuroscience Research, Jun 24, 2009. PMID:19559060

### **Research Experience**

Associate Professor, Dept. of Psychology, Morgan State University

2013- present

• Investigating the relationship between individual, institutional and social-cognitive factors which influence STEM persistence in students from underrepresented groups. The purpose of these studies is to develop an evidence based framework which informs the development and implementation of programming within academic institutions aimed at increasing participation of underrepresented students in STEM and pursuit of STEM careers.

Visiting Professor, Dept. of Psychology, Boston University

Summer 2010

 Completed a ten-week research appointment at the CELEST, a NSF Science of Learning Center. Conducted research which identified the neural correlates of extinction learning in rats that self-administering cocaine. *Advisor*: Kathleen Kantak, Ph.D., Professor, Psychological and Brain Sciences, Boston University Assistant Professor, Dept. of Psychology, Morgan State University 2009-2012

2007-2012

 Conducted experiments investigating the neuroprotective effects of methamphetamine preconditioning on methamphetamine induced neurotoxicity. Ultimately, the aim of this study is to understand the biochemical mechanisms that underlie methamphetamine-induced neurotoxicity and to develop treatment plans for chronic methamphetamine users.

*Advisor*: Jean Lud Cadet, MD, Branch Chief, Molecular Neuropsychiatry Branch, NIDA/NIH

### 2007-2009

Designed and conducted experiments examining the relationship between neonatal stress and maternal care and how this relationship modulates cognitive behavior, stress reactivity and cortical morphology throughout development. Research indicates that various ethnic groups respond to stressors differently. Therefore the aim of this study was to elucidate and model early stress seen in minority populations and how that initiates developmental brain changes, producing enhanced vulnerability to mental health disorders.
Advisor: Christine Hohmann, PhD, Associate Professor, Department of Biology, Morgan State University

Postdoctoral Research Associate. Morgan State University

2004 - 2007

- Developed and conducted study investigating the role of early stress, maternal care, and subsequent hypothalamic-pituitary-adrenal stress reactivity on cortical development and plasticity
- Manage multi-experiment project examining the effects of neonatal stress on cognitive behavior and cortical morphogenesis in Balb/CbyI mice
- Supervise undergraduate research assistants and technicians with research projects within the laboratory
- Facilitate undergraduates with preparation of oral and poster presentations
- Mentor and advise undergraduates on graduate school application and interview process

*Advisor*: Christine F. Hohmann, Ph.D., Department of Biology, Morgan State University, Baltimore, MD

### **Teaching Experience**

Morgan State University
Associate Professor, Department of Psychology
Courses Taught

2012-present

- Senior Thesis I and II
- Introduction to Behavioral Pharmacology
- Physiological Psychology
- Honors General Psychology
- General Psychology
- Freshman Orientation for Psychology Majors

Assistant Professor, Department of Psychology Courses Taught

2007-2012

Introduction to Behavioral Pharmacology

- Physiological Psychology
- General Psychology

**Bowie State University** 

2011

Guest Lecturer, Biology Department

Plants and Drugs, Cocaine and Marijuana

Morgan State University

Guest Lecturer, Bio-Environmental Science Doctoral Program,

2005-2006

Molecular and Behavioral Neuroscience

**Hunter College** 

Adjunct Instructor

2002-2003

- Introduction to Psychology
- Human Sexuality

### **Advising Experience**

Assistant and Associate Professor

2007-present

- Serve as the academic advisor for approximately 70 psychology majors
- Meet with students face to face, via email and/or over the phone at least once per semester
- Provide guidance regarding course selection and career advice
- Inform advisees of internship and professional development opportunities

### Oral Presentations at National Conferences

- 1. **Hodges, A.B**, McNair, D. Watson, C. and Wells, A.M. The Implementation of a STEM Pre-Professional Workshop Series: HBCU Models of STEM Scholar Cultivation. 8th Conference on Understanding Interventions that Broaden Participation in Science Careers, February 2016, Philadelphia, PA.
- 2. Wells, A.M, **Hodges, A.B.** McNair, D. and Watson, C. HBCU Models of STEM Scholar Cultivation. HBCU Models of STEM Scholar Cultivation. 8th Conference on Understanding Interventions that Broaden Participation in Science Careers, February 2016, Philadelphia, PA.
- 3. Watson, C., McNair, D. Wells, A.M., and **Hodges, A.B.** Using Intrusive Advising to Increase First Year Retention HBCU Models of STEM Scholar Cultivation. 8th Conference on Understanding Interventions that Broaden Participation in Science Careers, February 2016, Philadelphia, PA.
- 4. McNair, D. Watson, C. Wells, A.M. and **Hodges A,B.** Engaging First and Second Year Students in the Community of Research: A Shared Responsibility HBCU Models of STEM Scholar Cultivation. 8th Conference on Understanding Interventions that Broaden Participation in Science Careers, February 2016, Philadelphia, PA.
- 5. Pamela Scott-Johnson and **Amber Hodges**, The Importance of Undergraduate Biological Processes and Sensory Systems. 2010 STP Online e-Workshop, January 2010

- 6. I.N. Krasnova, **A. B. Hodges**, B. Ladenheim, R. Rhoades, E. I. Ogbonna, P. Huntley, C. F. Hohmann, J. L. Cadet. Neurotoxic doses of methamphetamine cause cognitive abnormalities in mice. 37th SFN Annual Meeting, November 3-7, 2007, San Diego, CA
- 7. **Hodges, A.B.**, Brown, L. D., Nealy, C.J., Fowler, J.A. and Hohmann, C.F. Selective glucocorticoid receptor mRNA changes in neonatally stressed Balb/CbyJ mice and their litter-mates. 10th Research Centers in Minority Institutions International Symposium, San Juan, Puerto Rico, December, 2006

(maiden name is Bradshaw)

- 8. **Bradshaw, A.A.**, Kneaval, M., Erlikh, M., and Luine, V.N., Serotonergic Effects on Female Rat Solicitation Behavior., Leadership Alliance Conference at New York City, NY, July 1997
- 9. **Bradshaw, A**. and Ordonez, S., The Effects of MDMA on Neuron-like Cell Line Immortalized Cells, Southeastern Psychological Association 43<sup>rd</sup> Annual Meeting, April 1996
- 10. **Bradshaw, A.A.,** and Reed, M.K. The Relation of Health and School to Cognitive Impairment in Depressed Adolescents., 53<sup>rd</sup> Annual Joint Institute of Science, Beta Kappa Chi, Brookhaven Semester Program, Greensboro, NC, March 1996

### **Invited Oral Presentations**

- How to Become a Globally Competitive Applicant. Invited Speaker at Center or Undergraduate Research and Graduate Opportunity Speaker Series. Xavier University, New Orleans, LA, January 2017
- 2. *Self Discovery on Your Professional Journey: Beyond Research.* . Invited Speaker at BUILD Speaker Series. Xavier University, New Orleans, LA, January 2017
- 3. Methamphetamine Preconditioning: Differential Protective Effects on Monoaminergic Systems in the Rat Brain. Invited Speaker at MARC U\*STAR seminar series, Delaware State University, February 2012
- 4. Methamphetamine Preconditioning: Differential Protective Effects on Monoaminergic Systems in the Rat Brain. Invited Speaker at MARC U\*STAR/MBRS-RISE seminar series, Morgan State University, October 2010
- 5. Methamphetamine Preconditioning: Differential Protective Effects on Monoaminergic Systems in the Rat Brain. Invited Speaker at MBRS-RISE seminar series, Spelman College, September 2010
- 6. Correlation between methamphetamine induced neurotoxicity and cognitive impairments in two mouse strains Invited speaker at Molecular Neuropsychiatry Branch weekly lab meeting, National Institutes on Drug Abuse, NIH, July 2008
- 7. The Effects of Early Environment on Adult Behavior and Brain Structure in BABL/CbyJ Mice. Invited speaker at weekly undergraduate science seminar series, Albany State University, October 2006

- 8. The Study of Sexual Behavior in Female C57 Mice. Invited speaker at Molecular Neuropsychiatry Branch weekly lab meeting, National Institutes on Drug Abuse, NIH, February 2005
- 9. The Role of Dopamine in Motivational and Receptive Aspects of Female Mouse Sexual Behavior. Invited speaker at weekly science seminar series, School of Computer, Mathematical and Natural Sciences, Morgan State University, September 2004

### **Poster Presentations at National Conferences**

- Barriers to Mental Health Care: Stigma, Racism and Socioeconomics. Cydney Doughty, Sydni Antoine, and Amber Hodges, Department of Psychology and Psychometrics, Morgan State University, Baltimore MD 21251. Eastern Psychological Association Conference 2025, New York City, New York, March 2025.
- The Science of Sleep and Success: Insights from HBCU Students. Alexandria Green, Teniya Pitts, Nefetari Deschamps and Amber Hodges, Department of Psychology and Psychometrics, Morgan State University, Baltimore MD 21251. Eastern Psychological Association Conference 2025, New York City, New York, March 2025.
- 3. Impact of Childhood Trauma and Stress Biomarkers on Juvenile Risky Behaviors.
  Pamela Osseyi, **Amber Hodges** and Ingrid Tulloch. Department of Psychology and Psychometrics, Morgan State University, Baltimore MD 21251. Eastern Psychological Association Conference 2025, New York City, New York, March 2025
- 4. Bridging the Gap: enhancing STEM and Psychology Pathways for Underrepresented Minorities through the BRIDGE to BS Program (B2B) at Morgan State University.

  Amber B. Hodges, Ph.D.¹, Lisa D. Brown, Ph.D.² and Duvon Winborne, Ph.D.³,

  ¹Department of Psychology and Psychometrics ²Department of Biology, and ³Center for Predictive Analytics. Morgan State University, Baltimore MD 21251.

  Understanding Interventions Conference 2025, Baltimore, MD February 2025.
- 5. Enhancing Diversity and Professional Development in STEM: Evaluating the Impact of a Preprofessional Workshop Series at an HBCU. Amber B. Hodges, Ph.D., Damon U. Bryant, Ph.D. and Christopher N. Green. Department of Psychology and Psychometrics, Morgan State University, Baltimore MD 21251. Understanding Interventions Conference 2025, Baltimore, MD February 2025.
- 6. Methamphetamine Preconditioning: Differential Protective Effects on Monoaminergic Systems in the Rat Brain. Amber B. Hodges<sup>1, 2</sup>, Bruce Ladenheim<sup>2</sup>, Michael T. McCoy<sup>2</sup>, Genevieve Beauvais<sup>2</sup>, Ning Cai<sup>2</sup>, Irina N. Krasnova<sup>2</sup> and Jean Lud Cadet<sup>2</sup>

  ¹Department of Psychology, Morgan State University, ²Laboratory of Molecular Psychiatry, NIDA. Early Career Investigators Poster Session and Social Hour, hosted by NIDA/NIAA and APA Divisions 28 and 50, Washington DC, August 2011
- Methamphetamine Preconditioning: Differential Protective Effects on Monoaminergic Systems in the Rat Brain. Amber B. Hodges<sup>1, 2</sup>, Bruce Ladenheim<sup>2</sup>, Michael T. McCoy<sup>2</sup>, Genevieve Beauvais<sup>2</sup>, Ning Cai<sup>2</sup>, Irina N. Krasnova<sup>2</sup> and Jean Lud Cadet<sup>2</sup>. Morgan State University Innovation Day in Annapolis, February 2011

- 2. Differential Midbrain Expression of Immediate Early Genes in Response to Chronic Methamphetamine Administration to Rats., Tiffany Garrett<sup>1</sup>, Subramaniam Jayanthi<sup>1\*</sup>, Michael T. McCoy<sup>1</sup>, Bruce Ladenheim<sup>1</sup>, Tracey Martin<sup>1</sup>, Genevieve Beauvais<sup>1</sup>, Irina N. Krasnova<sup>1</sup>, **Amber B. Hodges** <sup>1, 2</sup>, Nora D. Volkow<sup>3</sup>, and Jean Lud Cadet<sup>1</sup>, Annual Biomedical Research Conference for Minority Students (ABCRMS).
- 3. **Amber B. Hodges**<sup>1,2</sup>, Bruce Ladenheim<sup>2</sup>, Michael T. McCoy<sup>2</sup>, Genevieve Beauvais<sup>2</sup>, Ning Cai<sup>2</sup>, Irina N. Krasnova<sup>2</sup> and Jean Lud Cadet<sup>2</sup> Methamphetamine (METH) preconditioning attenuates the toxic effects of multiple binge METH challenges in the rat brain. <sup>1</sup>Department of Biology, Morgan State University, <sup>2</sup>Laboratory of Molecular Psychiatry, NIDA. 39th SFN Annual Meeting, October 17-21, 2009, Chicago, IL
- 4. **Hodges, A.B.**, Brown, L. D., Fowler, J.A. and Hohmann, C.F., Selective glucocorticoid receptor mRNA changes in neonatally stressed Balb/CbyJ mice and their littermates. Society for Neuroscience 36<sup>th</sup> Annual Meeting, Atlanta, GA, October, 2006
- 5. **Hodges, A.B.**, Anderson, M. E., Beard, N.A. and Hohmann, C.F., Neonatal stress alters aggression in stressed and litter-mate control mice. Annual Conference of the International Behavioral Neuroscience Society, Whistler, Vancouver Province, CA, May, 2006.
- 6. **Hodges, A.B.**, Beard, N.A. and Hohmann, C.F. Altered behavioral performance in male neonatally stressed and litter mate control mice. Society for Neuroscience 35<sup>th</sup> Annual Meeting, Washington DC, November, 2005.
- 7. **Hodges, A.B.**, Walker, E.M., Desir, N. Blue, M.E. and Hohmann, C.F. Altered response to sound and environment in cued/contextual fear conditioning in a mouse model for Autism. Annual Conference of the International Behavioral Neuroscience Society, Santa Fe, NM, June 2005

### Maiden name is Amber A. Bradshaw

- 8. **Bradshaw, A. A.**, Gautreaux, C., Gordon, M. and Luine. V. N., The Effects of Apomorphine on Sexual Behavior of Female C57 Mice. Society for Neuroscience 33<sup>rd</sup> Annual Meeting, New Orleans, LA, October, 2003
- 9. **Bradshaw, A. A.**, Gautreaux, C., Gordon, M. and Luine. V. N., The Effects of Apomorphine on Sexual Behavior of Female C57 Mice. NIDA Mini-Convention, New Orleans, LA, October, 2003
- 10. **Bradshaw, A. A.**, Gordon, M., Gordon, J., and Luine V.N., Dopamine and Paced Sexual in Female Mice., Society for Neuroscience 32<sup>nd</sup> Annual Meeting, Orlando, FL., November, 2002
- 11. **Bradshaw, A. A.,** Gordon, M., Gordon, J., and Luine V.N., Dopamine and Paced Sexual in Female Mice., NIDA Mini-Convention: Young Investigators Poster Session, Orlando, FL November 2002

- 12. Luine, V. N., Kneaval, M., Erlikh, M. and **Bradshaw A. A.**, Serotonergic Effects on Female Rat Solicitation Behavior, Society for Neuroscience 28<sup>th</sup> Annual Meeting, Los Angeles, CA, November, 1998
- 13. **Bradshaw, A.A.**, Kneaval, M., Erlikh, M., and Luine, V.N., Serotonergic Effects on Female Rat Solicitation Behavior., National Minority Research Symposium, New Orleans, LA, October 1997
- 14. **Bradshaw, A**. and Ordonez, S., The Effects of MDMA on Neuron-like Cell Line Immortalized Cells., National Minority Research Symposium, Miami, FL, November 1996
- 15. **Bradshaw, A.A.,** and Reed, M.K. The Relation of Health and School to Cognitive Impairment in Depressed Adolescents., Southeastern Psychological Association 42<sup>nd</sup> Annual Meeting, Norfolk, VA, March 1996

### **Poster Presentations with Students**

- Welma Radd¹, Lola Akintola², Christine Hohmann² and Amber Hodges¹, Quantifying spatial memory and novelty response in the c57 mouse. Department of Psychology¹, Department of Biology², Morgan State University, Baltimore MD. 16<sup>th</sup> Annual Undergraduate and Graduate Research Symposium, April 2010
- 2. L.S. Naidu, **A.B. Hodges**, M. Koban, Y.I. Wada, T. Akintola, and C. Hohmann. Differential effects of "maternal modulation" in a novel neonatal stress paradigm in mouse. Morgan State University, 39th SFN Annual Meeting, October, 2009, Chicago, IL.
- 3. Isis Bonney¹, Aaron Newby², Yahya Wada¹, **Amber B. Hodges, Ph.D²**., and Christine Hohmann, Ph.D¹., Quantification of Maternal Behavior following a neonatal stress paradigm in stressed mouse pups versus their littermates. Department of Biology¹, Department of Psychology², Morgan State University, Baltimore, MD. Historically Black Colleges and Universities Undergraduate Program (HBCU-UP), National Research Conference. October 2008
- 4. Phillips, C., Rhoades, R., **Hodges, A.**, Krasnova, I., Cadet, J., Hohmann, C. Behavioral effects of methamphetamine toxicity are time and mouse strain specific. Annual Conference of the International Behavioral Neuroscience Society, St. Thomas, US Virgin Islands, June 2008.
- 5. Phillips, C<sup>1</sup>, Krasnova, I.<sup>2</sup>, **Hodges, A.B**<sup>3</sup>. and Hohmann, C. F<sup>1</sup>. Cognitive effects of methamphetamine exposure in ICR mice. Department of Biology, Morgan State University<sup>1</sup>, Molecular Neuropsychiatry Branch of NIDA/NIH<sup>2</sup>, Department of Psychology, Morgan State University<sup>3</sup>. HBCU-UP National Research Conference, October 2007
- 6. Fowler, J. A., **Hodges, A.B.** and Hohmann, C.F., Quantification of maternal care behavior in neonatally stressed and litter mate controls. Annual Conference of the International Behavioral Neuroscience Society, Whistler, Vancouver Province, CA, May 2006.

### **Grantsmanship**

NIH Bridge to the Baccalaureate Program NIH/NIGMS (1T34GM146603-01)

Hodges (co-PI)

9/22-6/27

Coordinating recruitment efforts at Prince George's Community College, advising and coordinating activities with the transfer students in Psychology once they transfer to MSU, delivering the Pre-Professional workshop series to each cohort of new transfer students within our program. Will work closely with Dr. Brown in administration and supervision of program components, ensuring that all committee meetings take place and confirm appropriate committee reporting, and preparation and submission of the annual progress report.

MSU Welcome Home Pilot Program IDC, Office of Provost

Hodges (co-PI)

2/23/-6/23

IDC, Office of Provost

Created a transfer student program to provide wrap-around services to enhance transfer student success and well-being. This program provided critical support and students were exposed to university policies, student support services and resources, and academic support. In addition, program participants participated in cohort building activities that acclimated and integrated them into the university community.

Lumina HBCU Student Success Project

Hodges (PI)

8/18-12/18

**Lumina Foundation** 

Developed and implemented a second-year experience program entitled Morgan State University Influencers (MSU Influencers). Created co-curricular experiences for Pell grant recipients resulting in improved academic performance and increased interaction and involvement with the campus community. Taught participants Morgan Life Hacks which introduced students to tools, strategies and resources that improved student academic performance and increasing the likelihood retention. Met weekly with students and provided mentoring and cognitive coaching in a community environment.

Education Research Service Project

Hodges (Co-PI)

6/16-8/17

American Educational Research Association

Along with the PI, developed and utilized a mixed methods research design to measure the efficacy of the Sisters Empowered to be Leaders for the Future (S.E.L.F.) Program. S.E.L.F. provides Social and Emotional Learning (SEL) training for fifth grade girls in two Title I schools in Anne Arundel County located in Maryland.

2011 Honors Faculty Incentive Grant

Hodges (PI)

6/11 - 5/12

University Honors Program, Morgan State University

Developed an Honors General Psychology curriculum and taught the course.

Applied and Basic Research Funds

Hodges (PI)

6/11-8/11

Faculty Development Program, Morgan State University

Quantified methamphetamine-induced dysfunction in dopamine and serotonin systems using an animal model. Measured dopamine and serotonin receptor expression in brains of rats that self-administer methamphetamine

APA/NIGMS Research Grant

Hodges (Co-Investigator)

5/08 - 5/09

The goal of this project is to elucidate the relationship between methamphetamine-induced neurotoxicity and resulting cognitive deficits using a mouse model.

# NIH-NIGMS (5F31BM020280) Hodges (PI)

9/01 - 8/03

Established a pacing paradigm in female mice which allowed for investigation of the underlying neurochemical mechanisms which regulate motivational behavior.

### **Administrative Experience**

Graduate Application Trainer, MSU NIGMS-RISE Program

2016

- Provide graduate school application training and guidance for seniors in NIGMS-RISE program.
- Direct students in compiling list of graduate programs, development of CVs and resumes and crafting personal statements.

### Director, STEM Pre-Professional Workshop Series

2014-present

- Developed and organized workshop series available to all university STEM majors
- Developed and utilized graduate school readiness curriculum
- Established and manage partnerships with Morgan State University Honors Program, School of Engineering and School of Computer, Natural and Mathematical Sciences
- Created workshop materials
- Managed Workshop Series Blackboard page
- Facilitate each workshop
- Assess effectiveness of each individual workshops and overall workshop series
- Administered pretest and posttest before and after each workshop respectively to assess if students increased content knowledge presented in the workshop
- Administered pretest and posttest before and after the overall workshop series to assess if students increased overall knowledge of graduate school/internship process.

### **Accomplishments**

Students displayed a significant increase in content knowledge in the following areas: "How to select and successfully apply to STEM Graduate schools and internships" and "How to Craft an Effective Personal Statement:" as a result of their participation in one or more of the workshops presented in this series.

### Director-Pre-Professonal Cohort Mentoring Program

2011-2017

- Mentored four cohorts of high achieving psychology majors who aimed to attend graduate school
- Met weekly and guided students through graduate school readiness program
- Oversaw summer internship application process and placement of Cohorts 1 and 2 students
- Assisted with graduate school application preparation

#### *Accomplishments*

 Cohort 1-80% have been admitted to graduate school, 80% completed at least one external summer internship, 40% were admitted into federally funded training programs (MARC-U8STAR, NIGMS-RISE)  Cohort 2-80% have been admitted to postbacculaurate and graduate programs, 100% completed at least one external summer internship, 16% were admitted into federally funded training programs

Professional Development The Discussion Project Center for Innovative Instruction and Scholarship	2025
Student Experience Project – Fall 2024 Cohort Center for Innovative Instruction and Scholarship	2025
Summer Writing Institute Office of Academic Affairs, Morgan State University	2024
Writing in STEM Education Workshop The HBCU UP-Transforming Education through Active Learning Progr Delaware State University	2020 ram
Online research mentoring training, National Research Mentoring Network	2016
Faculty Retreat on Mentoring Diverse Scholars Leadership Alliance	2016
Certificate program in Academic Leadership Opportunities for Underrepresented Scholars Program	2013-2014
HBCU-UP Broadening Participation Research Proposal Development Wo	orkshop 2013
STEM Maximizing Student Engagement Summer Institute Building Connections Tier 3, Capstone Institute, Howard University	2013
Evidence-Based Effective STEM instructional strategies at HBCUs Works QEM Network/NSF	shop 2012
QEM/NSF HBCU-UP Leadership Development Institute	2009-2010
Awards and Fellowships  Morgan State University Power LIVE Faculty Appreciation Award Morgan State University Faculty Teaching Award STEM Women of Color Conclave Travel Award NSF-Opportunities for Underrepresented Scholars Fellowship NSF-QEM/HBCU-UP Leadership Development Institute Award The Graduate School and University Center, CUNY – Travel Award The Graduate School and University Center, CUNY – Travel Award The Graduate School and University Center, CUNY – Travel Award Alliance for Graduate Education in the Professoriate - National Science Foundation Fellowship	2020-2025 2018 2010, 2012-2022 2013-2014 2009-2010 2002-2003 2001-2002 2000-2001 Summer, 2000/2001

Minority Biomedical Research Support (MBRS) Student	1999-2001
The Center for Gene Structure and Function, Hunter College	1998-1999
Special Training Award for Research (STAR)	
Minority Access to Research Careers (MARC) Scholar	1995-1998
Bennett College Presidential Scholar	1994-1995

## **Professional Memberships and Honor Societies**

Society for the Teaching of Psychology

Society for Neuroscience

International Behavioral Neuroscience Society

Society of STEM Women of Color

Psi Chi Honor Society

National Honors Society of Collegiate Scholars (Honorary member)

Golden Key International Honor Society (Honorary member)

Beta Kappa Chi Honor Society

### **Professional Service**

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2024	Panelist, HBCU Faculty Panel-PROMISE Academy, University of
	Maryland, Baltimore County
2024	Member, Maryland Public University Psychology Affinity Group
2023	Panelist, Woman of Color in STEM, Delaware State University
2023	Presenter, MTSS Conference, Anne Arundel County Public Schools
2022-present	MSI Alliance Faculty Representative (Morgan State University), UIUC -MSI Alliance
2020-2023	Internal Research Consultant – NSF/HBCU-UP TEAL Project Delaware State University
2019	External Reviewer- Department of Psychology, University of the Virgin Islands
2018	Review panelist - SPRF, SBE, NSF
2015 - 2019	Student Opportunity Coordinator - Leadership Alliance
2015- 2019	Member - Leadership Alliance National Symposium Planning Committee
2015	Institutional Site Advisor - Preparing Critical Faculty for the
Future (PFCC)	
2015	Attendee -Leadership Alliance Mellon Initiative Faculty Retreat
2015	Reviewer - American Journal of Undergraduate Research
2014	Councilor - STEM Women of Color Conclave (SWOC)
2012	Review panelist – HBCU-UP Research Initiation Panel 2, NSF
2010	External grant reviewer – Neural Systems Cluster, NSF
2010	Review panelist-STEM:SCHLR SCI TECH ENG&MATH, NSF

# **University Service**

2015- 2019	Judge, MSU Undergraduate and Graduate Research Symposium
2015	Member, MSU Undergraduate and Graduate Research Symposium
	Planning Committee
2014-	MSU Marshal
2014 - 2019	Member, MSU Institutional Animal Care and Usage Committee
2014	Member, General Education Curriculum Committee

2013	Keynote speaker, Golden Key International Honor Society Induction
	Ceremony, Morgan State University Chapter
2012	Panelist, "Preparing for Promotion and Tenure", New Faculty
	Orientation 2012, Morgan State University
2012 -	College of Liberal Arts Marshall, Morgan State University Graduation
2012	Member, College of Liberal Arts, Adjudication Committee
2012-present	Faculty Representative Member, Morgan State University
	Threat Assessment Taskforce
2011 - 2016	Member, Psychometrics Graduate Program Admissions
Committee	
2010-2011	Workshop Presenter, Tips for Success in Graduate School
	Graduate Program in Psychometrics New Student Orientation,
	Morgan State University, Baltimore, MD
2011	Invited panel member, "The Culture of Graduate School", MBRS RISE
	Survival Skills, Morgan State University
2010	Symposium Judge, 17th Annual Undergraduate and Graduate Research
	Symposium- of the Minority serving Institution Research
	Partnership Consortium (MSIRPC) National Conference
2009-2010	Member, MSU Police Promotion Board
2004	Invited panel member, "How to Survive in Graduate School",
	5th Annual Science Career Workshop, School of Computer,
	Mathematical and Natural Sciences, Morgan State University

# College/School Service

2024 - present	Member, CLA Scholarship & Graduate Opportunities Committee
2024	Chair, Applied Liberal Studies Adjudication Committee
2017 - 2019	Chair, College of Liberal Arts Curriculum Committee
2017	Member, Search Committee for CLA Assistant Dean
2015	Member, Director of Center of Excellence in Teaching and Learning
	Search Committee
2015	Member, Provost's visit Steering Committee
2014-	Member, Curriculum Committee
2013	Member, Department of Sociology, Promotion and Tenure
	Committee

# **Departmental Service**

2017	Chair, Department of Psychology, Promotion and Tenure
	Committee
2017-2019	Chair, Department of Psychology, Faculty Search Committee
2014-	Member, Department of Psychology, Curriculum Committee
2014 - present	Presenter, Department of Psychology, MSU Open House
2013 - 2023	Member, Department of Psychology Promotion and Tenure
	Committee
2013 - 2022	Chair, Department of Psychology, Adjudication Committee
2013 - 2014	Chair, Department of Psychology, Open House
2008 - present	Member, Department of Psychology Adjudication Committee
2008	Keynote Speaker, Psi Chi Induction Ceremony
2008	Co-presenter, Graduate School Prep Workshop

2007 - present Faculty Advisor, Psychological Society

# **Outreach and Service**

2023	Panelist, College Readiness Panel, North Arundel Chapter of Delta
	Sigma Theta Sorority, Inc, Delta GEMS
2013-2016, 2009	Presenter, Tyler Heights Elementary School, Career Day
2013	Presenter, Patuxent Middle School, Fourth Annual Education Summit
2013, 2012	Presenter, Bellows Spring Elementary School, STEM Night
2011	Enrichment teacher, ISA Academy- School of the Self Authorized.
2010 - 2014	Co-chair, Columbia (MD) Chapter of Delta Sigma Theta Sorority,
	Inc. Delta GEMS
2009	Judge, Upward Bound Science Fair
2007	Presenter, District Heights Elementary School, Career Day
2007 - 2015	Mentor, St. John Baptist Church Mentoring Program