Conference Agenda

Friday November 22, 2019-Chittenden Hall

9:00 AM-10:00 AM  Registration                                      Room 110
10:00 AM-11:00 AM  Welcome and Overview                                Room 110
11:00 AM-12:15 PM  AGEP Graduate Student Panel                      Room 110
12:30 PM-1:30 PM  Lunch at Shaw Hall                                   
2:00 PM-4:00 PM  Departmental Meetings with Faculty--Various Locations 
4:00 PM-5:00 PM  AGEP Science & Society Forum                      Room 110

Saturday November 23, 2019-Kellogg Hotel Conference Center

7:30 AM-9:00 AM  Registration for Conference                        Big Ten Room A
7:30 AM-10:00 AM  Continental Breakfast and Recruiter Session       Big Ten Room A
7:45 AM-8:15 AM  CrossTalk Setup                                     104 & 105
8:15 AM-10:30 AM  CrossTalks: Oral Presentations                   104 & 105
8:30 AM-10:00 AM  Poster Setup                                      Big Ten Room A
10:30 AM-10:45 AM  Break                                          
10:45 AM-11:45 AM  Concurrent Panel Discussions:                   
                    1) Graduate School Expectations                             103
                    2) Becoming a Faculty Entrepreneur                             104
                    3) Academic Job Search Panel                                    105
12:00 PM-1:20 PM  Keynote Luncheon with Dr. Cecilia Conrad       Big Ten Room A
1:20 PM-2:30 PM  Poster Session and Conference Mixer              Big Ten Room A
2:40 PM-2:50 PM  Break                                          
2:50 PM-4:00 PM  Pathways to the Ph.D. Workshops:                   
                    1) Persistence and Financial Planning for Graduate School  103
                    2) Teaching Portfolio & Philosophy                            104
                    3) Strategies for Navigating the Dissertation                 105
4:20 PM- 6:30 PM  Closing Remarks and Reception                    Big Ten Room A
Facilitated by Abdifatah Ali: University of Minnesota

Dr. Abdifatah Ahmed Ali is an Assistant Professor of Work and Organizations in the Carlson School of Management at the University of Minnesota. His research interests comprise of three main areas: (1) understanding how individuals with stigmatized identities make sense of and communicate about those identities across different stages of the employee-organization relationship, (2) workplace diversity and inclusion with an emphasis on establishing equitable employment opportunity practices and cultivating inclusive workplaces that facilitate learning and integration of differences, and (3) how motivation and emotions shape behavior in organizations. His work has been published in research outlets such as Journal of Applied Psychology; Equality, Diversity, and Inclusion: An International Journal; and Personnel Assessment and Decisions. Abdifatah teaches courses at the undergraduate and graduate level that focus on organizational behavior and diversity management. He has worked in several consulting roles for both for-profit and non-profit organizations. Abdifatah received his Ph.D. and M.A. in organizational psychology from Michigan State University and an undergraduate degree in psychology from San Diego State University.

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<tr>
<th>Presenter</th>
<th>Home Institution</th>
<th>Presentation Title</th>
<th>Time</th>
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<tbody>
<tr>
<td>Grace Gerloff</td>
<td>Michigan State University</td>
<td>Becoming the Eggroll: Negotiating Adoption and Identity Through Food</td>
<td>8:15 AM</td>
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<tr>
<td>Kaelyn Sanders</td>
<td>The Ohio State University</td>
<td>Dissimilarities Between Fatal and Non-Fatal School Shootings</td>
<td>8:30 AM</td>
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<tr>
<td>Sandra Sparks</td>
<td>Kansas State University</td>
<td>Values and Voting: Understanding Political Engagement in the Modern Day</td>
<td>8:45 AM</td>
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<tr>
<td>Magdelene Thebaud</td>
<td>Northeastern Illinois University</td>
<td>Intimate Partner Homicides: Has the Increase in Mandatory Arrest Laws Been Counterintuitive for the Very People they were Set Out to Protect?</td>
<td>9:00 AM</td>
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<tr>
<td>Franklin Nwoko</td>
<td>Northeastern Illinois University</td>
<td>Security Dilemma between the West African nations and the United States</td>
<td>9:15 AM</td>
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<td><strong>Jonathan Dudley</strong></td>
<td>Beloit College</td>
<td>The Evolution of Black Power: The Ongoing Black Power Movement</td>
<td>9:30 AM</td>
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<tr>
<td><strong>Alyssa Lopez</strong></td>
<td>Michigan State University</td>
<td>“Crazy About Moving Pictures”: Black Adolescent Girls, Moviegoing, and the Archives</td>
<td>9:45 AM</td>
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<tr>
<td><strong>Kevin Calhoun</strong></td>
<td>Michigan State University</td>
<td>Syllabus Content Analysis: What are We Teaching Students Leaders?</td>
<td>10:00 AM</td>
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<tr>
<td><strong>Celeste Smith</strong></td>
<td>Oakland University</td>
<td>Understanding the Experiences of Black Women in Obtaining Marital Partners While Pursuing Advanced Degrees</td>
<td>10:15 AM</td>
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CrossTalks: Oral Presentations

Facilitated by Isola Brown: University of Michigan

Dr. Isola Brown is the Associate Director of the Master’s in Physiology Program at the University of Michigan in Ann Arbor. Dr. Brown received Bachelor of Arts degrees in Chemistry and Biochemistry from the University of Pennsylvania and her PhD in Pharmacology/Toxicology and Environmental Toxicology from Michigan State University. She completed a postdoctoral research fellowship in the Robert M. Berne Cardiovascular Research Center at the University of Virginia where she was funded by the National Institutes of Health and the Ford Foundation. Dr. Brown is an MSU-AGEP alumna where she served on the Steering Committee and was Associate Editor of the Fall 2016 MSU AGEP Science Today Bulletin.

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<tr>
<td>Rajab Curtis</td>
<td>Michigan State University</td>
<td>Screening and Identification of Novel Plant-Inspired Anti-Microbial and Anti-Cancer Agents</td>
<td>8:15 AM</td>
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<tr>
<td>Ayman Abdullah-Smoot</td>
<td>Texas Southern University</td>
<td>Mass Measurements of 27P for Improved X-ray Burst Simulations</td>
<td>8:30 AM</td>
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<td>Sonia Morales</td>
<td>Northeastern Illinois University</td>
<td>Evaluation of urban spatial composition as a consequence of Rapid Urbanization of Latin-American Cities fringe.</td>
<td>8:45 AM</td>
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<td>Jennifer Watts</td>
<td>Michigan State University</td>
<td>The Effects of Sexually Transmitted Zika Virus Infection on Preimplantation Development</td>
<td>9:00 AM</td>
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<td>Yatesha Robinson</td>
<td>Western Michigan University</td>
<td>Positive Messages and Wellbeing in African American Women</td>
<td>9:15 AM</td>
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<td>Vanessa Garcia Polanco</td>
<td>Michigan State University</td>
<td>Equity and Inclusion in Urban Agriculture</td>
<td>9:30 AM</td>
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<td>Joelyn de Lima</td>
<td>Michigan State University</td>
<td>The Evolution of an Agriculture-Ecology Outdoor Activity Trail: Community Partnership in Action</td>
<td>9:45 AM</td>
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<tr>
<td>Marcus Bunn</td>
<td>Michigan State University</td>
<td>Emerging Role of C-peptide on Neutrophils</td>
<td>10:00 AM</td>
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<tr>
<td>Rahul Jain</td>
<td>Michigan State University</td>
<td>Nuclear Mass Model with Machine Learning Algorithms</td>
<td>10:15 AM</td>
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Saturday Morning Sessions
Graduate School Expectations (room 103):
10:45 AM-11:45 AM

This panel will discuss how a student can prepare a competitive application and how they can leverage their undergraduate experiences as well as how to avoid common mistakes during the first years of graduate school.

Marena Wilson-Pham: Rush University

Dr. Marena Wilson-Pham, PhD, earned her BS in Biology at Dillard University in 2002 and her PhD in Microbiology and Molecular Genetics at The University of Texas Graduate School of Biomedical Sciences in 2007. Following her graduate education, she completed two postdoctoral fellowships at MD Anderson Cancer Center and Baylor College of Medicine. Dr. Wilson-Pham then joined the MD Anderson UTHealth Graduate School (GSBS) in 2013 to assist in improving the recruitment and retention rates of underrepresented minority students through implementation of retention and bilateral recruitment programming. As the Assistant Dean of Diversity and Alumni Affairs, she was responsible for strategic planning and implementation of diversity and recruitment programs, management and support of student organizations, and alumni engagement and programming. Dr. Wilson-Pham’s work on graduate recruitment and retention, and the impact of the GRE on holistic review and admissions during her time at the GSBS is published in CBE Life Sciences Education. Currently, Dr. Wilson-Pham is Assistant Professor and Associate Dean at Rush University Graduate College with a purview over academic affairs, curriculum, and admissions.

Pero Dagbovie: Michigan State University

Dr. Pero Gaglo Dagbovie is a Professor of African American History and Associate Dean in The Graduate School at Michigan State University. His research and teaching interests comprise a range time periods, themes, and topical specialties, including black intellectual history, the history of the black historical enterprise, black women’s history, black life during "the Nadir," the civil rights-Black Power movement, hip hop culture, and contemporary black history. His books include Black History: “Old School” Black Historians and the Hip Hop Generation (Bedford Publishers, Inc., 2006), African American History Reconsidered (University of Illinois Press, 2010), Carter G. Woodson in Washington, D.C.: The Father of Black History (The History Press, 2014), and What is African American History? (Polity Press: Cambridge, UK, 2015). He is on the editorial boards of The Journal for the Study of Radicalism and The Journal of Black Studies and is a lifetime member of the Association for the Study of African American Life and History. He has been involved in public history and African American history educational programs. He served as a scholar consultant for the permanent exhibit, “And Still We Rise: Our Journey through African American History and Culture,” at the Charles H. Wright Museum of African American History in Detroit, Michigan.
Graduate School Expectations (Continued):

Paul Guèye: Michigan State University

Dr. Paul Guèye received his Bachelors and Master’s degree in Physics and Chemistry from the University Cheikh Anta Diop in Dakar, Senegal. He then moved to France to pursue a Ph.D. thesis in Nuclear Physics that he obtained in 1994 from the University of Clermont-Ferrand II. His research thesis consisted of two experiments that compared electron and positron scatterings off carbon-12 and lead-208. This study is currently serving as a core basis for the upcoming International Linear Collider that requires a high energetic polarized positron beam. Dr. Guèye joined the nuclear physics group of Hampton University in 1995. He was part of the first sets of experiments conducted at the Department of Energy funded Thomas Jefferson laboratory located in Newport News, Virginia. While continuing his work at this facility, Dr. Guèye is also currently involved in low energy nuclear physics experiments at the National Superconducting Cyclotron Laboratory/Facility for Rare Isotope Beams in East Lansing, MI. Dr. Guèye is also a Past-President of the National Society of Black Physicists, the Executive Director of the MoNA Collaboration at NSCL/FRIX, the Chair of the Liaison Committee for Under-represented Minorities of the American Institute of Physics and a member of various national and international advisory committees on physics and physics education.

Becoming a Faculty Entrepreneur (room 104):

This panel discussion will be an introduction to different aspects of faculty entrepreneurship. Topics for discussion will include technology transfer, commercialization of academic research, consulting, and book publication.

Christina Campbell: University of Cincinnati

Professor Christina Campbell earned a Ph.D. in Community Psychology at Michigan State University and a postdoctoral fellowship in the Department of Psychiatry, Division of Prevention and Community Research at Yale University. She is currently a faculty member at the University of Cincinnati, School of Criminal Justice. Her primary research interests include delinquency prevention, risk assessment, juvenile justice and child welfare policy, race, and neighborhoods. She has also conducted research on racial and health disparities experienced by individuals who are involved in the criminal justice and child welfare system, juvenile sex offender assessments, and prisoner reentry. She has published her research in various peer reviewed academic journals, which include Criminology Public Policy, Criminal Justice and Behavior, Child and Youth Services Review, Journal of Offender Rehabilitation, Journal of Traumatic Stress, and Youth Violence and Juvenile Justice. She has received funding support for her research from the National Institute on Minority Health and Health Disparities, National Institute on Drug Abuse, the National Institute of Justice, and the National Science Foundation. Her most recent grant, which was funded by the National Institute of Justice, was used to address race and sentencing disparities for juvenile offenders in Columbus, Ohio. She is a NIJ W.E.B. DuBois research fellow and is also a member of the American Psychological Association, Society for Community Research and Action, American Society of Criminology, and the Racial Democracy, Crime & Justice Network.
Katrenia Reed-Hughes: Indiana University-Purdue University Indianapolis

Dr. Hughes, known by her students and clients as “Dr. K”, has a Doctor of Psychology (Psy.D) from Indiana State University, and an MBA in Leadership from Butler University. Katrenia’s life mission is to help others put their Passion to Purpose. Her consulting firm, Passion 2 Purpose, LLC - provides STEM program evaluation, executive coaching, team development, performance assessment, and strategic planning offerings. Dr. Hughes has had the honor of being invited to deliver keynotes on a variety of topics in her areas of expertise. In her most recent corporate role, she was an Enterprise Learning & Development Partner at OneAmerica in Indianapolis. She has over a decade of experience teaching college students and 10 years working in corporate Organizational Development. While at Indiana State University, Katrenia had an opportunity to teach undergraduate psychology courses such as Abnormal Psychology and Human Sexuality - serving as the Human Sexuality course coordinator, Katrenia led a team of graduate teaching fellows. Results of her passion for teaching was recognized with an Educational Excellence Award in the College of Arts and Sciences, at Indiana State University.

Robert Maleczka: Michigan State University

Dr. Robert E. Maleczka, Jr. is a Professor of Chemistry at Michigan State University. He received a B.S. in chemistry from the University of Illinois, and then spent three years in the anti-infective discovery group at Abbott Laboratories, before undertaking graduate studies at the Ohio State University. He earned his Ph.D. under the direction of Leo Paquette and then moved to the University of Pennsylvania as an American Cancer Society post-doctoral fellow in the laboratories of Amos Smith. In 1995, he began his independent career at MSU as an assistant professor. He moved up the ranks, being promoted to associate professor in 2001, full professor in 2006, and being named Department Chair in 2010. The Honors bestowed on Professor Maleczka include being named the EPA’s 2008 Presidential Green Chemistry Challenge Award, the Novartis Lecturer title at Yale University, and Mentor of the Year award from the MSU Chapter of the National Society for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE). In 2006, Professor Maleczka and his collaborator Professor Milton “Mitch” Smith (Chemistry) co-founded BoroPharm, Inc. a Michigan-based company dedicated to the preparation and commercialization of novel building blocks for pharmaceutical syntheses. Professor Maleczka is an active member of the profession. Among his service and outreach roles, he has served as a Diversity Scholar in the Center for the Integration of Research, Teaching, and Learning, as an invited participant ACS/EPA Green Chemistry Market Roundtable and White House Forum, as a member and Chair of the ACS Award for Affordable Green Chemistry Selection Committee, as the elected treasurer of the ACS Division of Organic Chemistry, and a member of the National Academies of Sciences, Engineering, and Medicine, as well as the Chemical Sciences Roundtable (CSR).
Academic Job Searching (room 105):

This workshop will cover how a graduate student or post-doc should approach searching, applying, interviewing and negotiating faculty positions at different academic institutions.

Jelani Zarif: Johns Hopkins University

Dr. Jelani Zarif is an Assistant Professor of Oncology at the Johns Hopkins School of Medicine - Sidney Kimmel Comprehensive Cancer Center. Dr. Zarif is also a member of the Bloomberg - Kimmel Institute for Cancer Immunotherapy. His research focuses principally on prostate cancer immunology and identifying the molecular mechanisms by which host immune cells contribute to prostate cancer metastasis. Dr. Zarif received his Ph.D. in Cell and Molecular Biology in the lab of Dr. Cindy Miranti from Michigan State University in 2014. His dissertation research focused on Androgen Receptor (AR) signaling in prostate cancer and elucidated how AR controls prostate tumor cell adhesion and invasion. He then completed two post-doctoral fellowships at the Johns Hopkins University School of Medicine. He has been the recipient of several awards, including the Prostate Cancer Foundation’s Young Investigator award, The Patrick C. Walsh Prostate Cancer Research Fund, and the NCI K22 Career Transition award.

CharMaine Hines: Wayne County Community College District

CharMaine Hines, Ed.S. has amassed over twenty-six years of service in post-secondary higher education, holding progressive levels of leadership at both (R1) and (R3) public and private universities and community college(s) in the state. She currently serves as District Vice Chancellor overseeing academic accountability and policy for Wayne County Community College District, a comprehensive, multi-campus urban/suburban institution of education in Southeast Michigan. Deeply committed to student access, success and achievement, she is a member of the North Central accrediting Higher Learning Commissions (HLC) Peer Reviewer Corp., College (Rochester) Research Institutional Review Board (IRB) member, and serves on many boards including a nationally accredited state secondary/post-secondary career and technical business education association. CharMaine holds an Ed.S. (Educational Leadership) from Eastern Michigan University, is a King/Chavez/Parks Future Faculty Fellow, who is inspired to live by the quote “when you learn, teach. When you get, give” (Maya Angelou).
Ronnie Dunn: Cleveland State University

Dr. Ronnie A. Dunn, is the Chief Diversity Officer and an Associate Professor of Urban Studies at Cleveland State University. As CDO he serves on the executive leadership team and is responsible for developing policies and practices that enhance diversity, equity, and inclusion within the university and the broader community. Dr. Dunn’s research interests include issues affecting minorities and the urban poor with particular expertise in race, crime, and the criminal justice system and the issue of racial profiling, which led to the use of traffic cameras in the city of Cleveland and municipalities throughout Ohio, the governor’s appointment of a statewide taskforce and advisory board on Community-Police relations, and introduction of bias-free policing legislation to the Cleveland City Council and as a statewide policing standard. He is a Cleveland native, an Air Force veteran and a frequent media commentator on racial and social issues. He was named a 2019-20 NADOHE CDO Fellow and is past chair of the Cuyahoga Metropolitan Housing Authority Board of Commissioners and the Cleveland NAACP’s Criminal Justice Committee.

Allen Linton II: Associated Colleges of the Midwest

Allen Linton II is the new Director of Diversity and Inclusion Initiatives for the Associated Colleges of the Midwest. Allen works to manage and execute all aspects of the Mellon-funded Faculty and Undergraduate Fellows Program for a Diverse Professoriate, while also coordinating with ACM staff and campus-based colleagues to ensure that all current and future ACM programs promote equity and inclusion for students, faculty, and staff. He is currently a doctoral candidate in political science (concentrating on American politics) at the University of Chicago.
Dr. Cecilia Conrad: Managing Director, MacArthur Fellows and 100&Change

Cecilia A. Conrad, Ph.D. is CEO of Lever for Change and a Managing Director at the John D. and Catherine T. MacArthur Foundation. Lever for Change is a new nonprofit affiliate of the MacArthur Foundation whose mission is to unlock philanthropic capital and accelerate solutions to the world’s biggest social challenges. In addition to her role at Lever for Change, Dr. Conrad oversees the MacArthur Fellows program and MacArthur’s 100&Change, the Foundation’s competition for a single $100 million grant to help solve a critical problem of our time.

Before joining the foundation in January 2013, Conrad had a distinguished career as both a professor and an administrator at Pomona College, Claremont, CA. She held the Stedman Sumner Chair in Economics and is currently emerita professor of economics. She served as Associate Dean of the College (2004-2007), as Vice President for Academic Affairs and Dean of the College (2009-2012), and as Acting President (Fall 2012). From 2007-2009, she was interim Vice President and Dean of the Faculty at Scripps College. As Associate Dean and Vice President for Academic Affairs at Pomona, Vice President for Academic Affairs at Pomona, Conrad championed the College’s summer undergraduate research program and expanded it to the arts and humanities, led conversations regarding the value and assessment of a liberal arts college education, nurtured collaborations between the arts and the sciences, and worked with academic departments to improve the campus climate for diversity.

As a member of the faculty, Conrad contributed to the curriculum of several interdisciplinary programs and, in 2002, was recognized as California’s Carnegie Professor of the Year, a prestigious national award that recognizes faculty members for their achievement as undergraduate professors. Conrad’s academic research focuses on the effects of race and gender on economic status. Her work has appeared in both academic journals and nonacademic publications including The American Prospect and Black Enterprise.

Before joining the faculty at Pomona College, Conrad served on the faculties of Barnard College and Duke University. She was also an economist at the Federal Trade Commission and a visiting scholar at The Joint Center for Political and Economic Studies. Dr. Conrad is a member of the board of trustees of Bryn Mawr College, The Poetry Foundation, the National Academy of Social Insurance, IES, and the Sylvia Bozeman and Rhonda Hughes EDGE Foundation. She is a trustee emerita of Muhlenberg College.

Conrad received the National Urban League’s Women of Power Award in 2008 and the National Economic Association’s Samuel Z. Westerfield award in 2018. She has honorary doctorates from Claremont Graduate University and the University of Massachusetts Dartmouth. Dr. Conrad received her B.A. degree from Wellesley College and her Ph.D. in economics from Stanford University.
Other Luncheon Presenters

**Thomas D. Jeitschko:** Michigan State University

Thomas D. Jeitschko is a professor of economics who serves as the Associate Provost for Graduate Education and Dean of the Graduate School. He supports the graduate students and postdocs of Michigan State University and oversees and supports the Masters, Professional and Ph.D. programs across the fourteen graduate degree granting colleges. Thomas holds an advanced degree in economics from the University of Münster in Germany with a specialization in Economic History and a Ph.D. from the University of Virginia in 1995 with a specialization in Mathematical Economics. He first joined MSU in 2001 and has taught graduate courses and served on Ph.D. committees in the College of Social Science, the Business College, the College of Law, the College of Engineering, and the College of Agriculture & Natural Resources. His research interests are in applied economic theory with concentrations in industrial organization, law and economics, and micro-economics more broadly. He has published in a wide variety of journals, including the American Economic Review, the European Economic Review, Games and Economic Behavior, Economic Theory, the Journal of Law, Economics, and Organization, and the Journal of Industrial Economics; and he is an associate editor of the Journal of Economic Behavior and Organization and the International Journal of Industrial Organization, and an editorial board member of the Journal of Behavioral and Experimental Economics, in addition to holding several other editorial appointments. Thomas previously served as the Associate Dean for Graduate Studies in the College of Social Science where he is a Professor of Economics and was the Director of the American Economic Association Summer Program; a two-month intensive pre-doctoral residential program that prepares talented undergraduate students from under-represented backgrounds for graduate work in economics and related fields. Prior to his current appointment at MSU, Thomas has held faculty positions at Royal Holloway College, University of London and Texas A&M University, as well as shorter appointments at Duke, Johns Hopkins, and Georgetown Universities, and Humboldt University in Berlin, Germany.

**Mesoret Negash:** Michigan State University

Mesoret Negash is charged with developing, leading and providing strategic direction to an advancement program. She works closely and collaboratively with MSU’s 14 colleges as well as with the regional development team to serve as a resource person and work with donors who are interested in making gifts directly to the Graduate School or wish to designate their support to graduate education elsewhere at MSU. Prior to joining The Graduate School at Michigan State University as its first Development Director, she was Managing Director of Global Strategic Partnerships at the James R. Jordan Foundation International a Chicago based global foundation. Meseret also served in Philanthropy for 15 years, serving for many years as a Senior Vice President of External Affairs for a scholarship foundation, where she was responsible for designing and convening partners for a $100 million-dollar scholarship program. Her Strategic Partnerships development experiences include those with the Argonne National Laboratory, Chicago Cubs, Northwestern Memorial Hospital, Institute for the International Education of Students, National Medical Association, Stanford University and UN Foundation. Ms. Negash has worked in the communication arena in broadcast television for NBC and BET News as well as in the Public Affairs Department in the U.S. Senate. She attended Michigan State University for her Bachelor of Arts in International Relations and a Masters of Arts in Communication Policy and MBA. She has also attended Northwestern University, Kellogg School of Management, Executive Education in Fundraising & Non-profit Capacity Building. She is currently a New Leadership Academy Fellow at the University of Michigan sponsored by American Association of Hispanics in Higher Education (AAHHE). She is fluent in French and Amharic and has lived abroad in seven African Countries.
Saturday Luncheon Program

12:00 PM, Big Ten Room A

Welcome
Steven Thomas, AGEP Program Director
Meseret Negash, Director of Development

Opening Remarks
Thomas D. Jeitschko, Dean of the Graduate School

Keynote Address
Cecilia A. Conrad, CEO of Lever for Change

Closing Remarks
Steven Thomas, AGEP Program Director
**Poster Presentations**

**1:20 PM, Big Ten Room A**

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<tr>
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<tr>
<td>Amiracle Williams-Anderson</td>
<td>Roosevelt University</td>
<td>Risk Behavior Stigma and Substance Abuse in Latino MSM</td>
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<tr>
<td>Anneliese Samples</td>
<td>North Carolina Central University</td>
<td>Owning My Sexuality: Assessing the Relationship Between Sexual Attitudes, Sexual Exploration and Erotophobia Among African American College Students.</td>
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<tr>
<td>Areej Askar</td>
<td>Roosevelt University</td>
<td>Pterostilbene Treatment Results in Differential Gene Expression in Trabecular Meshwork Cells</td>
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<td>B. Malique Jones</td>
<td>Michigan State University</td>
<td>Histamine May Directly Contract Urinary Bladder Smooth Muscle</td>
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<td>Breanna Lawrence</td>
<td>Michigan State University</td>
<td>Estimated Exposure of PFAS in Dental Floss</td>
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<tr>
<td>Brenden Wimbish</td>
<td>James Madison University</td>
<td>Colloidal and Antibacterial Studies of Polymers of Triple-headed Mesitylene-based Cationic Amphiphiles</td>
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<td>Brianna Ross</td>
<td>North Carolina Central University</td>
<td>Rewriting the Black Woman’s Story: An Examination of Activism among Black Women in America</td>
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<tr>
<td>Bridget Pittman-Blackwell</td>
<td>North Carolina Central University</td>
<td>The Relationship Between Grade Point Average, Body Image, And Self-Esteem Among African American College Women</td>
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<td>Charles Green</td>
<td>The Pennsylvania State University</td>
<td>Machine Learning Approaches to Predict Learning Outcomes in Online Courses</td>
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<td>Daryl Jones</td>
<td>Jackson State University</td>
<td>Gauging the Varying Levels of Engagement for Virtual Environments as it Pertains to Fidelity</td>
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<td>Elizabeth Ampong</td>
<td>Northeastern Illinois University</td>
<td>Impact of Exchange Rate Volatility on Foreign Direct Investment and Portfolio Investment</td>
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<tr>
<td>Emily Egan</td>
<td>Siena Heights University</td>
<td>Personality Traits and Delinquent Behavior Among Delinquent and College Females</td>
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<td>Gerald Tran</td>
<td>Western Michigan University</td>
<td>Formation and Measurement of Lipid Vesicles by Multi-Angle Light Scattering</td>
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<td>Jacob Jenkins</td>
<td>Siena Heights University</td>
<td>Code-Switching for Success: The Use of African American Vernacular English on College Campuses</td>
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<td>Jalin Jordan</td>
<td>Michigan State University</td>
<td>The Effect of Relaxed Selection on the Fitness Costs of Resistance Mutations</td>
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<tr>
<td>James Mostek</td>
<td>Western Michigan University</td>
<td>Geosynchronous Servicer Mission Planning and Design</td>
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<td>Jen Fry</td>
<td>Michigan State University</td>
<td>How has Conference Realignment Affected the Numbers of Black Volleyball Players?</td>
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<td>Jessie Pink</td>
<td>DePaul University</td>
<td>The Effectiveness of Local and National Media Coverage on Gentrification in Detroit Through Emotional Responses of African American Residents</td>
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<tr>
<td>John Tran</td>
<td>Michigan State University</td>
<td>Using Genetic Engineering to Redesign Plants for Biofuel</td>
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<td>John Vasquez</td>
<td>Michigan State University</td>
<td>After the Ph.D.: The Role of Advisement &amp; Mentorship in Postdoc Career Decision Making</td>
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<tr>
<td>José Vargas-Muñiz</td>
<td>University of North Carolina-Chapel Hill</td>
<td>Fishing for Fungi: Marine-derived Fungi Provide New Models of Cell Division</td>
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### Poster Presentations Continued

**1:20 PM, Big Ten Room A**

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<tr>
<td>Kalani Gates</td>
<td>Western Michigan University</td>
<td>Barriers to Engaging in a Computerized Cognitive Behavioral Therapy in an Obstetric Clinic for Depressed Low SES Mother</td>
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<td>Kristen Trinh</td>
<td>University of Arkansas</td>
<td>Detection of Waterborne Pathogens in Water Using Magnetic Nanoparticles</td>
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<td>Louanges Ndayishimiye</td>
<td>Michigan State University</td>
<td>Effects of Policy and Programs on Reducing Stunting Rate in Rural Parts of Rwanda</td>
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<td>Mara Eason</td>
<td>Adrian College</td>
<td>Soil Chemistry Plays a Role in Woody Plant Abundance in a Southeast Michigan Forest</td>
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<td>María José Nataren</td>
<td>Northeastern Illinois University</td>
<td>ESL Students Experience in Higher Education at Two Midwest Community Colleges</td>
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<td>Markiesha James</td>
<td>Jackson State University</td>
<td>Bioavailability of Depleted Uranium in US Army Shooting Range</td>
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<td>Mia White</td>
<td>Michigan State University</td>
<td>Nutrient Fluxes of Chronosequences Jack Pine Stands</td>
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<td>Mikerobert Joseph</td>
<td>North Carolina Central University</td>
<td>Workplace Stress in Black Americans: The Role of Religiosity and Coping Strategies on Psychological Well-Being</td>
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<td>Mohammed Aldossari</td>
<td>Oakland University</td>
<td>The Cultural Aspect of Counseling Supervision from Supervisees’ Perspective</td>
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<td>Morgan Cheatham</td>
<td>University of Michigan</td>
<td>A New Metric for Evaluating Northern Hemisphere Growing Season Net Flux in Climate Models</td>
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<td>Nadia Nasri</td>
<td>Siena Heights University</td>
<td>The Comparison of Clinicians’ and the General Population’s Perceptions of Verbal and Emotional Abuse</td>
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<td>Nataya Ford &amp; Courtney Hart</td>
<td>North Carolina Central University</td>
<td>Write Now, We Will Heal: A Tale of Two Cities</td>
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<td>Nicolas Herard</td>
<td>University of Arizona</td>
<td>Identifying Causes of Flaw Formation in Metal Additive Manufacturing</td>
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<td>Noelle Mongene</td>
<td>Oakland University</td>
<td>The Association between Post-traumatic Stress Symptoms and Subjective Well-being is Moderated by Culture in Native Americans</td>
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<td>Phylicia Richardson</td>
<td>Roosevelt University</td>
<td>MSU Support Staff Engagement: A Survey Study</td>
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<td>Sebastian Morales</td>
<td>Northeastern Illinois University</td>
<td>To What Extent Does Having Culturally Sensitive Retention Efforts Impact Retention of Male Latino College Students?</td>
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<td>Sedzro Tamakloe</td>
<td>University of Maryland, Baltimore County</td>
<td>Economic Benefit of Photovoltaics in Michigan Field Crop Farms</td>
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<td>Selina Williams</td>
<td>Northeastern Illinois University</td>
<td>Health Disparities Among the Black Community in Chicago</td>
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<td>Serenia Fulcher</td>
<td>North Carolina Central University</td>
<td>Do Lesbians have Safe Sex?: Exploring the relationship between Sexual literacy, Sexual Scripts, Self-esteem and Sexual Self Efficacy among Black Lesbians</td>
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<td>Suliat Akinyele</td>
<td>Northeastern Illinois University</td>
<td>Aging in Place for Grandparents: Differences in Life Satisfaction and Life Adaptation</td>
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<tr>
<td>Taylor Kovach</td>
<td>Michigan State University</td>
<td>Family Factors, Attachment and the Impact on Mental Health</td>
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<td>Victor Gipson II</td>
<td>University of Georgia</td>
<td>Does XEN Cell Epigenetic Memory Influence Reprogramming Outcomes?</td>
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<td>Viviana Jimenez</td>
<td>Roosevelt University</td>
<td>Preliminary evaluation of degeneration process in <em>Paenibacillus polymyxa</em> during 2,3-butanediol production</td>
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<tr>
<td>Zachary Luther</td>
<td>Michigan State University</td>
<td>What Incentives Are Needed to Encourage Farmers to Plant Biodiversity-Promoting Prairie Strips?</td>
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Developing a Teaching Portfolio & Philosophy (room 103):

This seminar will discuss how a graduate student or post-doc should prepare a teaching philosophy statement and portfolio as well as how they can leverage their teaching assistant experiences.

Regina Garza-Mitchell: Western Michigan University

Regina Garza-Mitchell is an associate professor of higher education leadership at Western Michigan University. She teaches courses on topics such as higher education governance, organizational change, leadership, and qualitative research. Her research focuses on organizational change and leadership, primarily in a community college setting. She was a KCP fellow during her doctoral program at Central Michigan University.

Strategies for Navigating the Dissertation (room 104):

This seminar will focus on how to make the dissertation writing process smooth and will address issues such as negotiating with faculty committees, and making progress despite the demands of the doctoral educational process. Though this seminar is ideally suited to graduate students who have entered or are about to enter the dissertation process, graduate students at other stages of their programs will get valuable information about academic writing in general and anticipated experiences with the dissertation.

Tiffany Jimenez: National Louis University

Dr. Tiffany R. Jimenez is a Community Psychologist and Associate Professor within the School of Social and Behavioral Sciences at National Louis University (NLU). She is currently most passionate about a few research issues: 1) creating more inclusive communities and socially just practices through organizational and community-level systems change; 2) developing theory and methods to examine deep cultural ideological structures influencing the nature of oppressive community systems, and 3) developing educational opportunities that promote indigenous community-based transformational systems leadership. More recent writing projects include: examining Community Psychology education within a global decolonial context, and collaborative praxis towards building the decolonial village. She is most active in the Society for Community Research and Action, the American Evaluation Association, and the Chicagoland Evaluation Association. She received her Ph.D. in Community Psychology from Michigan State University.
Strategies for Navigating the Dissertation (continued)

Sonya María Johnson: Beloit College

Dr. Sonya Maria Johnson holds a Dual Major Ph.D. in Socio-Cultural Anthropology and African American & African Studies from Michigan State University. She is the Andrew W. Mellon Assistant Professor of Religious Studies in the Department of Philosophy and Religious Studies at Beloit College. Johnson's current research and writing center around Cuban African descendants' engagement of ancestral spirits from the island-nation’s colonial past as a way to affirm their "African" identity, and as a means to establish a ritual homeland inside their inherited diasporal circumstances. She integrates the significance of contemporary Palo ritual realities into theoretical discourses about religions created within the “Black Atlantic”; those diverse social spaces throughout the Caribbean and North, Central and South America wherein Africans and their descendants’ enduring presence has reconfigured the social, economic, and political landscapes.

Dr. Johnson has published and presented on this work at the annual Meetings of the American Academy of Religion; the American Anthropological Association; the Bi-Annual Meeting of the Association for the Study of the Worldwide African Diaspora (ASWAD); the Transatlantic Roundtable on Race and Religion; the International Sociological Association’s Religious Roundtables; and, most recently, at the 9th annual Women of the Mediterranean Conference in Fez, Morocco. Johnson is a 2018-2019 fellow of the Wabash Center for Teaching and Learning in Theology and Religious Studies and currently serves as an Executive Board member for ASWAD and is treasurer-elect for the organization.
Persistence and Financial Planning for Graduate School (room 106):

This panel will cover psycho-social factors (e.g. mentorship, TA growing pains, networking, mental health, etc.) and financial concerns (e.g. funding, budgeting, insurance, etc.) that influence the success of students.

Ami Iceman-Haueter: Michigan State University Federal Credit Union

Ami Iceman-Haueter is the Assistant Vice President of Research and Digital Experience at MSU Federal Credit Union. Iceman-Haueter specializes in research, communications, and the creation of engaging digital experiences. Iceman-Haueter graduated from Michigan State University with her bachelor's degree in Advertising, specializing in Public Relations, and was part of the first “graduating” classes for the New Media Driver's License program. She actively attends conferences and specialized programming in the areas of Digital Experience and Customer Experience to expand her knowledge base and follow industry trends. Alongside the team at MSUCF, Iceman-Haueter works to support the evolution of member experience practices within the organization.

Annmarie Caño: Wayne State University

Annmarie Caño, Ph.D. is Associate Provost for Faculty Development and Faculty Success and a Professor of Psychology at Wayne State University in Detroit, Michigan. Dr. Caño conducts research on emotion regulation and intimacy processes in couples facing physical and mental health problems. As a first-generation college student and Latina, Dr. Caño is committed to supporting access, diversity, and inclusion in higher education and is conducting research in this domain as well. Dr. Caño has over 70 publications and has served as PI on 4 grants from the National Institutes of Health. In 2016, she was elected Fellow of the American Psychological Association in two divisions (Society for Health Psychology and Society for Couple and Family Psychology). Dr. Caño has served the field as Associate Editor at Health Psychology and Journal of Family Psychology and currently sits on the editorial boards of American Psychologist and Journal of Pain. She earned her master’s and doctoral degrees in psychology from Stony Brook University and her bachelor’s degree in psychology from Princeton University.

Meg Akehi: Michigan State University

Meg Akehi works for MSU Counseling and Psychiatric Services and is currently working on her PhD in Higher, Adult and Lifelong Education (HALE) at MSU. She has almost 20 years of experience working with college students and young adults dealing with life transitions, grief, interpersonal relationships, conflict resolution, spiritual identity development, depression and anxiety. In addition to providing counseling, Meg is also available as a consultant for individuals and organizations concerning mental health issues, team dynamics, conflict resolution, leadership development and personal development. She is also available to provide workshops on various topics to large and small groups. Topics include conflict resolution, spiritual growth, personal growth, improving interpersonal relationships, and team building.
AGEP Student Success Conference
Kellogg Hotel & Conference Center
Michigan State University, East Lansing, Michigan
November 22-23, 2019

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Cleveland State University
Delta College
DePaul University
Indiana University-Purdue University
Indianapolis
Jackson State University
James Madison University
Johns Hopkins University
Kansas State University
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Michigan Technological University
National Louis University
Norfolk State University
North Carolina Central University
Northeastern Illinois University
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Texas Southern University
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The Pennsylvania State University
University of North Carolina at Chapel Hill
University of Arizona
University of Arkansas
University of Cincinnati
University of Georgia
University of Maryland, Baltimore County
University of Michigan
Virginia Union University
Wayne County Community College
Wayne State University
Western Michigan University

MSU AGEP Student Steering Committee 2019-2020

• B. Malique Jones, Doctoral Student in Pharmacology & Toxicology
• Briona Jones, Doctoral Student in English
• Connie Rojas, Doctoral Student in Integrative Biology
• Courtney Bryant, Doctoral Student in Industrial and Organizational Psychology
• Funmi Ayeni, Doctoral Student in Community Psychology
• Jaleah Rutledge, Doctoral Student in Community Psychology
• Jennifer Watts, Doctoral Student in Physiology
• Kesicia Dickinson, Doctoral Student in Political Science
• Lauren Elizabeth Johnson, Doctoral Student in Curriculum, Instruction & Teacher Education
• Sylmarie Davila Montero, Doctoral Student in Electrical and Computer Engineering
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MSU AGEP Program Staff

Steven Thomas - Conference Chair and Program Director
Steven is a Program Manager at The Graduate School (TGS) at Michigan State University. He manages diversity recruitment for TGS as well as the daily supervision for two programs including: the MSU Alliance for Graduate Education and the Professoriate (AGEP) and the Summer Research Opportunities Program (SROP). Prior to working with The Graduate School, Steven also worked for the Colleges of Human Medicine, Engineering and Natural Science at MSU. Steven Thomas has experience in research, technical writing, natural product chemistry, project management, and science education. He has worked in the US and overseas for both industrial and academic employers such as Bristol Meyer Squibb and Northwestern University. Steven has also worked for Morgan State University as technical writing consultant for The Baltimore Region Environmental Justice in Transportation Project (BREJTP) and as a science consultant for the Charles H. Wright Museum for African-American History. Steven's international experience includes working for Cornell University's Minority Health International Research Training (MHIRT) Program in the Dominican Republic. Mr. Thomas is also a member of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE) and the American Society of Pharmacognosy. Some of his research has been published in the International Journal of Pharmaceutics and Applied Environmental Microbiology Journal. Steven also works with the NSF-sponsored ASPIRE project which works with universities across the country to support diverse STEM faculty recruitment and culturally-responsive faculty training. Steven obtained his masters in organic chemistry from Michigan State University. He also holds a bachelor's degree in chemical engineering from the University of Michigan, where he also was a former lecturer.

Duke Augustin - Graduate Assistant
Duke assists in planning and implementing workshops, community meetings, conference and recruitment events, as well as managing program alumni communication. Duke is a master’s student in the Health Risk and Communication Program, and his research interests are in vaccinations.

Jared Milburn - Media Specialist
Jared holds a BA in Media Arts and Technology with a specialization in TV Cinema and radio and minor in Theatre from Michigan State University. He currently earning his MFA in Digital Rhetoric and Professional Writing. He conducts video interviews of current students and alumni.

Nicholas Reeves - Program Assistant
Nicholas assists in planning and implementing community meetings and recruitment events, as well as manages social media strategies. Nicholas obtained his BA from MSU’s Marketing program.

Valerie Coakley - Program Assistant
Valerie assists in event logistics and vendor relations. Valerie is completing her BS in the Biomedical Laboratory Sciences program at Michigan State University.
What is AGEP?

The Alliances for Graduate Education and the Professoriate (AGEP) is a National Science Foundation program that supports recruitment, retention, and graduation of underrepresented U.S. minorities in doctoral programs of the natural and social sciences, mathematics, and engineering. Undergraduates, graduate students, post-docs and faculty who participate in building the AGEP Community at MSU will provide a key to changing the culture of U.S. colleges and universities to embrace building world-class STEM and Social, Behavioral and Economic sciences faculty members who fully reflect the diversity in race, gender, culture and intellectual talent of the U.S. population.

National Need

The United States faces a growing demand for a highly educated science and engineering workforce. The annual number of Black, Hispanic, and American Indian citizens earning a PhD must quadruple in order to contribute the science and engineering talent necessary for the U.S. to become self-reliant.

AGEP at Michigan State University – Impact

The AGEP Community represents 75% of doctoral students at MSU who are Black, Hispanic or American Indian citizens that in NSF sponsored departments. 90% of the AGEP Community graduate student participants complete an advanced degree. Over the past 10 years, the AGEP Community has grown from six graduate students in 2006 and faculty to over 250 participants annually with over 400 alumni nation-wide.

The Community began with support from NSF, and AGEP has become a self-sustaining component of the matrix of graduate student support provided by the MSU Graduate School. A cross-disciplinary AGEP Learning Community of graduate students and faculty meets monthly; discusses active research by participants using everyday language; and considers current topics of regional and national importance for public policy. The AGEP is a proven strategy for diverse recruitment, retention, and persistence in graduate education.

For more information, visit us at:
MSU AGEP website: https://grad.msu.edu/agep
MSU AGEP Program Director: Steven Thomas, deshawn@grad.msu.edu

Any opinions, findings, and conclusions or recommendations expressed in this material are those of the individual presenters and do not necessarily reflect the views of the National Science Foundation.