

## 2009 Penn State McNair Summer Research Conference Oral Presenter Schedule

<b>First Concurrent Oral Presentation Session</b> <b>8:30 – 10:00 am</b>
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### Room 105

**Danielle M. Castillo** (Exercise Physiology/Foods and Nutrition)

West Virginia University

"Effects of Physical Activity Levels on a Marker of Cardiovascular Disease in Postmenopausal Women"

**Chrystle Greene** (Forensic Psychology)

John Jay College of Criminal Justice

"An Examination of the Relationship between Environmental Factors and Health in Diabetics"

**Kimika L. Jackson** (Nursing)

The University of Alabama

"A Rural and Urban Comparison of Breast Cancer Stage Diagnosis and Date of Treatment (for African American Women)"

**Nelly Pimental** (Forensic Psychology)

John Jay College of Criminal Justice

"An Examination of the Relationship between smoking and delayed gratification capacity"

### Room 106

**Danielle M. Chestang** (Management of Aging Services)

University of Maryland, Baltimore County

"Impact of Images in Advertisements on Older Adults"

**Ebony Cross** (Psychology)

Grand Valley State University

"Innocent cartoons? Stereotypes of African Americans in children's cartoons"

**David Gomez** (Communication Technology)

Eastern Michigan University

"The Media after 9/11: How They Interpret Relevance, Honesty, and Freedom of Speech In The New National Security State"

**Brandon J. Thomas** (Public Relations)

West Virginia University

"An Examination of Product Placement on Reality Television and Its Effects on Young Adults"

## **Room 107**

**Ilyas Abukar** (Comparative Literature)

Pennsylvania State University

"Chinua Achebe, No Longer at Ease, and the Question of Representing Cultural Others"

**Nicholas A. Fagundo** (English)

West Virginia University

"Shadows, Hysteria and The Blind Owl: Problems of Existentialism in a non-Western Context"

**Dawn Gannon** (English)

Pennsylvania State University

"Creative Nonfiction: Where is it going?"

**Jonathan J. Vaknin** (Comparative Literature , Literature Theory, & Hispanic Studies)

University of Pennsylvania

"Metafora Contagiosa": Metaphors of HIV/AIDS in the Spanish-Speaking Caribbean and its U.S. Diaspora"

## **Room 109**

**Melissa Batres** (Psychology)

Columbia University

"Attachment Theory within Romantic Adult Relationships and its Impact on Support"

**Jessica P. Hyman** (Gender and Women's Studies/Political Science)

University of Maryland, Baltimore County

"Butt-Slapping and Towel-Snapping: Gender, Homophobia and Homoerotic Touching in Team Sports"

**W. Taylor Monson** (Psychology)

The University of Alabama

"Relationship Models: An Exploratory Study Researching Alternatives to the Heteronormative Dichotomy"

**Antione D. Taylor** (Psychology)

University of Maryland, Baltimore County

"The Dating Preference of Black Males"

## **Room 112**

**Maryvi Gonzalez-Sola** (General Natural Sciences)

University of Puerto Rico at Cayey/Michigan State University

"The Effects of LEMS on P/Q-type calcium channel's subunits, alpha-1A, and their replacements by N and R type channels"

**Genevieve Miller** (Bioengineering)

Pennsylvania State University

"The effect of zoledronic acid on osteoblasts in vitro"

**Anand S. Narayanan** (Mechanical Engineering/Biology)

West Virginia University

"An Examination of Binding Properties between Aptamers and the Chemotherapeutic Drug Cisplatin"

**Cheng Vang** (Neuroscience/Neuropsychology)

California State University, Sacramento

"Path Integration in Rats after Blockade of NMDA receptor-mediated glutamate Transmission"

## **Room 202**

**Lisa Denys** (Biology)

Eastern Michigan University

"Comparison of Lakes with Reduced Spring Mixing in Southeastern Michigan"

**Hoang Dung Lu** (Chemical Engineering)

Columbia University

"Leucine Zipper Motifs for the Engineering of Functional Organophosphate Hydrolase Biomaterials"

**Mallory A. Morell** (Geology)

Grand Valley State University

"Quaternary geology: Raised terrace deposits, Toco, NE Trinidad, West Indies"

**Maya Thomas** (Environmental Science)

University of Vermont

"Effects of Vegetative Cover on Stream Channel Migration of Two Streams in Chittenden County, VT"

## **Room 203**

**Mariana P. Frietas** (Sociology/Chinese)

West Virginia University

"Power and Politeness in Teacher-Student Relationship in American and Chinese Colleges"

**Jem Hughes** (Secondary Education/English)

University of Vermont

"Improving Supports for African American students at two Predominately White Institutions (PWI) in the New England Area"

**Maria Meza** (Business Administration)

California State University, Sacramento

"The Implications of Participating in Extracurricular Activities in Regards to Grades and Retention of CAMP Students at the University"

**Bailey K. Sanders** (International Studies)

The University of Alabama

"An Exploration into Alabama Students' Thoughts on Evolution and Religion"

## **Room 204**

**Cindy E. Hernandez** (Family Science/Spanish)

University of Maryland, College Park

"Latino Fathers' Parenting and Practices in the Context of Immigration"

**Kristin R. Neville** (Psychology)

Eastern Michigan University

"Forgotten Children: How Law Enforcement Agencies and Child Protective Services Deals with Children of Arrested Parents"

**Brittany Overstreet** (Communication Studies)

Iowa State University

"Comparing the cultural competency between African American and Caucasian foster mothers caring for African American foster children"

**Kristyn M. Wong** (Psychology)

Michigan State University

"Understanding Academic Success: A Survey of Four Year Old Native American Head Start Children"

## **Room 205**

**Susann Cortes** (Forensic Psychology)

John Jay College of Criminal Justice

"An Examination of Community Attitudes and Perceptions toward Sex Offenders"

**DiTallianna E. Patterson** (Psychology and Black Studies)

Michigan State University

"Income and Inequality and Mortality Rates Predicting Risky Sexual and Criminal Behavior?"

**Ysaeric Taveras** (Criminology)

John Jay College of Criminal Justice

"Examination of College Students' Perceptions and Knowledge of Sex Offender Policies in their Communities"

**Simone E. Terfa** (Criminal Justice)

John Jay College of Criminal Justice

"Incarceration and Recidivism in the Work Place"

## **Room 206**

**Alejandra Aponte** (Economics-Political Science)

Columbia University

"Unmasking Political Organization and Participation in Multi-cultural Democracy"

**Sekou Kesselly** (Criminal Justice)

John Jay College of Criminal Justice

"Drug Trafficking and Crime in West Africa and its Implications for Political Stability in Liberia"

**Mohamed Seck** (International Relations/Anthropology)

Minnesota State University

"The Waiting Culture"

**Kadiatou Sylla** (Justice Studies)

John Jay College of Criminal Justice

"Democracy vs. Military Rule in Guinea and its Impact on Emigration"

## 2009 Penn State McNair Summer Research Conference Oral Presenter Schedule

<h3>Second Concurrent Oral Presentation Session</h3> <p>10:15 – 11:45 am</p>
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### Room 105

**Marcus Bell** (Sociology)

Grand Valley State University

"Reflections on Whiteness: The Origins, Progression, and Maintenance of White Supremacy as a Cultural, Political, and Economic Force in American Institutions"

**Kofi Mensah** (Political Science/History)

University of Vermont

"Poverty within the United States: its history, importance and causes"

**Carla L. Roscoe** (Sociology)

Michigan State University

"Disparities in the Healthcare System: How Fair Is It?"

**Martha V. Ruiz** (History)

Texas A & M University-Corpus Christi

"Magic in My Neighborhood: Curanderas and Folk Healing in late Twentieth Century Corpus Christi, Texas"

### Room 106

**Delia M. Fernandez** (Geology)

Grand Valley State University

"The Depiction of Women During the Mexican Revolution"

**Ashley V. Groggins** (Psychology)

Michigan State University

"Observers Response to Racial Harassment in the Work Place?"

**Rita A. Snyder** (Political Science/Women's Studies)

West Virginia University

"Gender, Discussion Networks, and Political Mobilization"

**Mark A. Wheeler** (Social Work)

Eastern Michigan University

"Stereotypes: Ageism, Racism, and Sexism: Its Effects on the 2008 Presidential Election"

## **Room 107**

**Aneesa Baboolal** (International Criminal Justice)

John Jay College of Criminal Justice

"Non-Governmental Organizations' Role in Addressing the Cultural Legitimization of Domestic Violence Among Indo-Caribbean Immigrant Women – A case study of Sakhi for South Asian Women"

**Geeta Gangadeen** (International Criminal Justice)

John Jay College of Criminal Justice

"An Examination of the relationship between the role of masculinity and systematic War Rape: The case of Yugoslavia"

**Tatiana Gochez-Kerr** (Crime, Law & Justice)

Pennsylvania State University

"Sexploitation of Children: Reliability of data and existing patterns"

**Lina Rojas** (International Criminal Justice)

John Jay College of Criminal Justice

"An Examination of the Impact of Protracted Violence on Human Trafficking in Columbia"

## **Room 109**

**Briana Martin** (Social Work)

University of Vermont

"Refugee Resettlement: History and Policies of Refugee Resettlement in the U.S."

**Victoria Oyaniran** (Criminal Justice)

John Jay College of Criminal Justice

"The Impact of IMF and World Bank Lending on Nigerian Development"

**Nancy Preciado** (Economics/Spanish)

California State University, Sacramento

"Surviving Under Free Trade: A Standpoint Analysis of Small Collective Farmers in Mexico"

**Veronica Zavala** (Social Work)

California State University, Sacramento

"The Response of the Mexican Working Class towards the California Economic Recession"

## **Room 112**

**Wendi-Jo L. Ervin** (Biomedical Sciences, Russian Studies)

Grand Valley State University

"Co-localization of histamine and pHdc-induced eGFP expression in the central nervous system of *Drosophila melanogaster*"

**Esteban Luna** (Biology & Molecular Biology)

Pennsylvania State University

"Diffusion Barriers in *Drosophila* Neurons"

**Jessica A. Mitchell** (Biological Sciences)

The University of Alabama

"Novel Mechanisms of PKA Regulation in Fission Yeast"

**Katie M. Sandlin** (Microbiology, Computing Technology and Applications)

The University of Alabama

"Sequencing of pACK2 from *Staphylococcus simulans* biovar *staphylolyticus*"

## **Room 202**

**Danielle Fontaine** (Animal Science)

University of Vermont

"Comparison of protein synthesis and gene expression in loaded intervertebral disc"

**Anne K. McNeely** (Biology)

Grand Valley State University

"Assessing the utility of genetic data as a monitoring tool: a case study of eastern red bats (*Chiroptera*: *Vespertilionidae*: *Lasiurus borealis*)"

**Tammy Stambaugh** (Biology)

Grand Valley State University

"Development of Innate Immunity in Nestling Tree Swallows, *Tachycineta bicolor*"

**Katherine St. Denis** (Zoology)

University of Vermont

"Genetic Variation within *Plasmodium mexicanum* Reveals Criteria for Defining Species"

## **Room 203**

**John W. Armour** (English/Management Information Systems)

West Virginia University

"Pervert, Wombat, Lover: Second Life as Narrative/Game and the Role of the Resident in Virtual Reality"

**Cory J. Hayes** (Computer Science, Mathematics)

The University of Alabama

"Improving LSI-Based Bug Localization Using Historical Patch Data: (Reports of Preliminary Findings)"

**Sean Hernandez** (Computer Science)

Columbia University

"Scene Aware Information Layout"

**Kurt O'Hearn** (Computer Science and Computer Engineering)

Grand Valley State University

"Computer-Aided Student Study Group Formation"

## **Room 204**

**Catrice A. Canty-Pope** (Telecommunication)

Michigan State University

"Binary Opposites: Images of White Heroes in Black Slums on the Silver Screen"

**Ramon "Gabriel" Figueroa** (Psychology/Film Studies)

California State University, Sacramento

"Spy Kids: A New Breed of Latinos in American Cinema"

**Lesla M. Marks** (Political Science, Gender and Women's Studies)

University of Maryland, Baltimore County

"Gender Performance and the Gender Binary in the Films of Martin Lawrence, Eddie Murphy and Tyler Perry"

**Stephanie Y. Stevenson** (American Studies)

University of Maryland-College Park

"Scholarship and Empowerment in the Age of the Video Vixen: Promoting Black Adolescent Females' Academic Success"

## **Room 205**

**Denise Mieses** (Forensic Psychology)

John Jay College of Criminal Justice

"Transnational Motherhood: An examination of the Latina immigrant mothers sense of resiliency and protective factors"

**Lindsay Brent** (Psychology)

California State University, Sacramento

"Age Appropriate Treatment Programs for Dually Diagnosed Adolescents: A Survey of Sacramento Mental Health and Substance Abuse Facilities"

**Brittany J. Dancy** (Psychology)

North Carolina Central University/Michigan State University

"Understanding Juvenile Delinquency"

**Michelle Herrera** (Psychology)

Columbia University

"The Voices of Introverts and Extroverts: Perceived, Displayed and Desired Social Support"

## 2009 Penn State McNair Summer Research Conference Oral Presenter Schedule

<h3>Third Concurrent Oral Presentation Session</h3> <p>2:00 – 3:30 pm</p>
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### Room 105

**Jennifer M. Barnett** (History, Political Science)

The University of Alabama

“The Untold Story: An Examination of African Americans and Women in Alabama Textbooks and History Curricula”

**Trisha L. Okine** (History)

University of Maryland, Baltimore County

“Who Am I? A Study of how Black Athletes have shaped the Black Identity”

**Pattrese Reynolds** (Political Science)

University of Vermont

“Affirmative Action: Is there an African American perspective on affirmative action?”

**David Suggs** (Health Studies)

Michigan State University

“An Analysis of the Public Health of Slaves during the Antebellum Period”

### Room 106

**Raquel Botello-Zamarron** (Psychology)

Iowa State University

“Validation of the revised multicultural teaching competency inventory”

**Rafiqah Mustafaa** (Political Science)

Pennsylvania State University

“Full Service Schools: Collaborating to Achieve Goals”

**Angelica Tellechea** (Spanish)

California State University, Sacramento

“The California Latino Population and the Need for Bilingual Education”

**Kimberly Williamson** (Industrial Engineering)

Iowa State University

“Educational Testing Research”

## **Room 107**

**Meagan C. Bryand** (Communication)

Texas A & M University-Corpus Christi

"Off the Wall: An Application of Communication Privacy Management Theory on College Students' Self-Disclosure towards Professors on Facebook"

**Janan H. Daniel** (Occupational Therapy)

Eastern Michigan University

"The Experiences of African-American Women in Academia: A Qualitative Study"

**Quortne Hutchings** (African & African-American Studies)

Pennsylvania State University

"Black Faculty and their mentoring relationship with Black Students"

**Courtney D. Stone** (Political Science, Communication Studies)

The University of Alabama

"The Longitudinal Impact of Social Mobility on Political Preferences among University of Alabama Professors"

## **Room 109**

**Kristin L. Aguirre** (Psychology)

The University of Alabama

"Creativity and Intelligence in Preschoolers"

**Alfredo Hernandez-Corsen** (Liberal Studies)

Grand Valley State University

"An Exploration of Language, Culture and Limited Perspectives"

**Chelsea McShane** (Communication Sciences)

University of Vermont

"Mental State Talk between Mothers and their Typically Developing Children and Children with Autism"

**Rachel R. Moore** (Psychology)

Michigan State University

"The Differences within Children with Autism of Different Ethnicities"

## **Room 112**

**Neil W. Biegelle** (Mathematics)

Grand Valley State University

"Investigations in the Geometry of Polynomials"

**Kristy Cordero** (English)

Temple University

"Using the Transitive Inference Task to Determine the Association Between the Hippocampus and Relational Memory"

**Heather Danhof** (Cell & Molecular Biology)

Grand Valley State University

"Nesting Oral Microbial Colonization in Tree Swallows (*Tachycineta bicolor*)"

**Naomi Pollica** (Mathematics)

University of Vermont

"Systems Modeling of Chagas disease in Boivia, Argentina, and Guatemala"

## **Room 202**

**James M. Allen Jr.** (Chemistry, Mathematics, Economics)

The University of Alabama

"Grazing Incidence Small Angle X-ray Scattering (GISAXS) Study of Mesoporous Silica Thin Films on Metal Substrates"

**Awuri P. Asuru** (Chemistry, Economics)

The University of Alabama

"Purification and Characterization of the Heme Biosynthesis Enzyme Ferrochelatase"

**Monique Bastidas** (Biochemistry)

California State University, Sacramento

"Development of Analytical Methodology for Microwave-Assisted Hydrolysis of Glycans to Monosaccharides"

**Ericka Velez** (Chemistry)

University of Puerto Rico at Cayey/Michigan State University

"Effect of Cannabinoids on Anti-HIVE Tat-induced Antidoby Production"

## **Room 203**

**Tanner Lake** (Classics)

University of Vermont

"Ancient Greek Music and Kithara Reconstruction"

**Jeffrey S. Mahaney** (Philosophy)

West Virginia University

"A Defense of the Complex Matter Reading of Aristotle"

**Victoria C. Roberts** (Educational Studies)

Denison University/Michigan State University

"Enlightenment and the Teaching of to Kill a Mockingbird"

**Corinth D. Young** (Music Education)

The University of Alabama

"Effects of Head Joint Materials and Cuts on the Tibre of the Flute"

## **Room 204**

**Awale Awale** (Mechanical Engineering) and **Shirley Hu** (Mechanical Engineering)

Minnesota State University-Mankato

"General Contractors' Awareness and Participation"

**Mary J. Brown** (Business Science Management)

Grand Valley State University

"Campus Triple Bottom Line: An examination of campus sustainability programs through a case study of Grand Valley State University Sustainable Community Development Initiative"

**Jasmine Draper** (Mechanical Engineering)

Iowa State University

"Noise production of notebook axial fans"

## **Room 205**

**Yilany Fernandez** (Applied Math)

Columbia University

"A Job's Influence on Latino Education"

**Malik Nelson** (English)

Temple University

"A Closer Look at School Policy and Its Affect on Academic Achievement"

**Jessica Speakes** (Education)

Temple University

"Wake Up and Pay Attention: Relationship Building between Teachers and Students in African-centered Schools"

**Brenda Vela** (Sociology)

Texas A & M University-Corpus Christi

"Perceptions of women in male-dominated majors: Do classroom experiences change the perceptions of womanhood?"