

Anthropology O1-O5, English
Cosby, Room LL28
Moderator: Roslyn Nicole Smith

9:00 AM	ANT-O1	The Relation between Obesity and Commercials in the U.S. Presenter/Author: Moeko Tanaka Advisor(s): Daryl White, PhD
9:20 AM	ANT-O2	The Parallels between Structural Adjustment Programs and Structural Violence Presenter/Author: Ayanna Runcie Advisor(s): Jerry Wever, PhD
9:40 AM	ANT-O3	Racial Construction and the Influence of Globalization Presenter/Author: Timme Mackie Advisor(s): Jeanne Meadows, PhD
10:00 AM	ANT-O4	Are the IMF and World Bank Beneficial? Presenter/Author: Jani Mikel Advisor(s): Jerry Wever, PhD
10:20 AM	ANT-O5	Reclaiming Our Roots: Problematizing a Movement and Lifestyle amongst Black Food Advocates Presenter/Author: Frances Roberts-Gregory Advisor(s): Bruce Wade, PhD
10:40 AM	ENG-O1	Together We Stand: Women's Solidarity in Sembène and Aidoo's Novels Presenter/Author: Helen Thomas Advisor(s): Pushpa Parekh, PhD
11:00 AM	ENG-O2	Why Don't We Love These Hoes: Black Women, Transference of Power, and the Contemporary Hoe Archetype Presenter/Author: Mahaliah Little Advisor(s): Sharan Strange, MFA, Lisbeth Gant-Britton, PhD (University of California, Los Angeles), Kimberly Mack (University of California, Los Angeles)

Anthropology O6-O9, Economics, World Languages and Literature
Cosby, Room LL29
Moderator: Zadie Long

9:00 AM	ANT-O6	Lost in Wonderland: Structural Adjustment Programs and the Caribbean Nations Presenter/Author: Julia Davis Advisor(s): Jerry Wever, PhD
9:20 AM	ANT-O7	From Pots to Pan: An Ethnographic Study of the Steel Pan Presenter/Author: Amanda Carrington Advisor(s): Jerry Wever, PhD
9:40 AM	ANT-O8	Globalization, Jamaica and Haiti: An Overlooked Injustice Presenter/Author: Taylor Johnson Advisor(s): Jerry Wever, PhD

10:00 AM	ANT-O9	Who Runs This? : A Look at Neoliberalism's Effects on Public Schools in the Caribbean Presenter/Author: Kelly Sullivan Advisor(s): Jerry Wever, PhD
10:20 AM	ECO-O1	More Money, More Problems?: The Relationship between Income and Criminal Victimization in Mexico Presenter/Author: Kemi Oyewole Advisor(s): Robynn Cox, PhD
10:40 AM	FLJ-O1	Enhancing Japanese Language Education through Japanese Pop and Traditional Cultural Studies Presenter/Author: Eri Hanashiro Advisor(s): Xuexin Liu, PhD

Art

The Suites Conference Room

Moderator: Robert Hamilton

9:00 AM	ART-O1	Hair: An Aspect of African American Beauty Presenter/Author: Alysha Dixon Advisor(s): Jessica Scott-Felder, MFA
9:20 AM	ART-O2	Lionya Black Presenter/Author: Lionya Black Advisor(s): Jessica Scott-Felder, MFA, Charnelle Holloway, MFA
9:40 AM	ART-O3	Mind Control Presenter/Author: Chase McKesson Advisor(s): Jessica Scott-Felder, MFA
10:00 AM	ART-O4	The Origins of Colorism Presenter/Author: Amir Poindexter Advisor(s): Jessica Scott-Felder, MFA
10:20 AM	ART-O5	Sonder: The Community of Five Points Presenter/Author: Remington Jackson Advisor(s): Jessica Scott-Felder, MFA
10:40 AM	ART-O6	A Visual Study of Homelessness Presenter/Author: Chelsea Collins Advisor(s): Jessica Scott-Felder, MFA, Charnelle Holloway, MFA

Biology I O1-O5

Science Center, Room 232

Moderator: Renee Leonard

9:00 AM	BIO-O1	The Influence of Metric Proficiency on Scientific Literacy and Acceptance towards Science Presenter/Author: Alannah Mack Author(s): Anique Thompson, Kasha Price, Kofi Khamit-Kush Advisor(s): Hong Qin, PhD
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9:20 AM	BIO-O2	Same-sex Social Dynamics of Male Tribolium
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Presenter/Author: Shyla Hardwick

Advisor(s): Aditi Pai, PhD, Michael Goodisman, PhD (Georgia Institute of Technology)

9:40 AM BIO-O3 Incidence of Vertically-transmitted Endosymbionts in Two Species of Ladybeetle

Presenter/Author: Dene Voisin

Advisor(s): Jennifer Kovacs, PhD

10:00 AM BIO-O4 The Effects of Absciscic Acid on the Structure of a Plant Protein

Presenter/Author: Olivia McReynolds

Advisor(s): Mark Maloney, PhD, Armando Albert (Consejo Superior de Investigaciones Cientificas)

10:20 AM BIO-O5 Assessing Female Mate Choice in the Pest Beetle, *Tribolium confusum*

Presenter/Author: Cherise Washington

Advisor(s): Aditi Pai, PhD

Biology II O6-O9

Science Center, Room 233

Moderator: Renee Jones

9:00 AM BIO-O6 Identification of Proteomic Biomarkers in Myocardial Infarctions

Presenter/Author: Lindsay Stanford

Advisor(s): Gale Newman, PhD (Morehouse School of Medicine), Mark Brice, PhD (Morehouse School of Medicine)

9:20 AM BIO-O7 In Search of Molecular Signs of Sex in Asexual Fusing Amoebas through Examination of Intrastrain Variations of Two Conserved Genes: Actin and Cytochrome Oxidase C Subunit 1 (COI)

Presenter/Author: Samantha Kelly

Advisor(s): Yonas Tekle, PhD

9:40 AM BIO-O8 Sex or Survival? Investigation of Alternating Environments on Cellular Fusion Behavior of *Cochliopodium* Using Light Microscopy and Immunocytochemistry

Presenter/Author: Ariel Lecky

Advisor(s): Yonas Tekle, PhD

10:00 AM BIO-O9 From the Membrane to the Nucleus: Trafficking and Cleavage Mechanisms Associated with Atwbc19 in *Arabidopsis thaliana*

Presenter/Author: Jessica Coates

Advisor(s): Mentewab Ayalew, PhD

10:20 AM BIO-O10 Understanding the Mechanism of Antibiotic Resistance Associated with Atwbc19 through the Analysis of Protein-Protein Interactions

Presenter/Author: La'Mayah Hodges

Author(s): Raven Hardy

Advisor(s): Mentewab Ayalew, PhD

Chemistry, Engineering and Physics

Science Center, Room 134

Moderator: Chavonne Shorter

9:00 AM	CHE-O1	Using Maple to Visualize Atomic Orbitals Presenter/Author: Brianna Stewart Advisor(s): Natarajan Ravi, PhD, Derrick Hylton, PhD
9:20 AM	CHE-O2	High-Resolution Coherent Three-Dimensional Spectroscopy of Iodine Presenter/Author: Zuri House Advisor(s): Peter Chen, PhD, Thresa Wells, Benjamin Strangfeld
9:40 AM	CHE-O3	The Microbial Diversity of the Deep Subsurface: Characterization and Identification of Thermophiles Presenter/Author: KaNesha Gillyard Advisor(s): Kimberly Jackson, PhD, Esta Van Heerden, PhD (University of the Free State), Abidemi Ojo, MS (University of the Free State)
10:00 AM	CHE-O4	Glucocorticoid Receptor Signaling Pathway Targeted for Treatment of Hormone Refractory Prostate Cancer Presenter/Author: Nakisha Rutledge Author(s): Lydia Ruffner Advisor(s): Kimberly Jackson, PhD, Renee Shaw
10:20 AM	EGR-O1	Hydrogen Gas from Waste Aqueous Solution: The Study of How Organic Waste Can Be Repurposed as Renewable Energy Presenter/Author: Jenine McKoy Advisor(s): Terezinha Galvao, PhD, Domingo Guinea, PhD (Consejo Superior de Investigaciones Científicas), María García-Alegre, PhD (Consejo Superior de Investigaciones Científicas)
10:40 AM	EGR-O2	The Use of Project-Based Learning to Enhance Engineering Literacy: The Gimbaled Laser Project Presenter/Author: Ebone Monk Advisor(s): Monica Stephens, PhD, Jerry Volcy, PhD, Retina Burton, MSTM
11:00 AM	PHY-O1	Magnetic Susceptibility of Ferromagnets Intercalated with Graphene Presenter/Author: Lauren Guerrido Author(s): Brianna Stewart Advisor(s): Natarajan Ravi, PhD

Computer and Information Sciences

Science Center, Room 337

Moderator: Jennifer Johnson

9:00 AM	CIS-O1	Data Mining: Is LDA the Best Option? Presenter/Author: Maryum Styles Advisor(s): Jakita Thomas, PhD, Martin Ruskov (University College London), Angela Sasse, PhD (University College London)
9:20 AM	CIS-O2	Preventative Back-Tracking Methods Using RFID Technology Presenter/Author: Ronique Young Author(s): Shakeri Frazier, Crystal Batts Advisor(s): Yolanda Rankin, PhD, Monica Anderson, PhD (University of Alabama)
9:40 AM	CIS-O3	Mobile Healthcare Informatics: Alzheimer's Music Therapy Mobile Application

		Presenter/Author: Jazette Johnson Advisor(s): Alfred Watkins, PhD, Jakita Thomas, PhD, Yolanda Rankin, PhD
10:00 AM	CIS-O4	Conceptual Design of a Mobile Application for Music Therapy to Influence Mood Shifts Presenter/Author: Erica Lamberson Advisor(s): Alfred Watkins, PhD
10:20 AM	CIS-O5	The SpelBots Approach: Increasing the Number of Minority Students in Computer Science and Robotics Presenter/Author: Tyler Davis Advisor(s): Jakita Thomas, PhD, Yolanda Rankin, PhD, Andrea Lawrence, PhD
10:40 AM	CIS-O6	The Effectiveness of a Humanoid Robot Versus Video Games Addressing Childhood Obesity Presenter/Author: Daria Jordan Advisor(s): Jakita Thomas, PhD, Yolanda Rankin, PhD

Comparative Women's Studies
Giles, Room 109
Moderator: Keith Webb

9:00 AM	CWS-O1	The Rima Dali Story Presenter/Author: Banah Ghadbian Author(s): Janiene Thiong Advisor(s): Ayoka Chenzira, PhD
9:20 AM	CWS-O2	Shadowed in the City Presenter/Author: Angelique Devonish Author(s): Kaneisha Montague Advisor(s): Ayoka Chenzira, PhD
9:40 AM	CWS-O3	Running for Our Lives Presenter/Author: Nina Lee Author(s): Jasmyn Lawson, Edwina Campbell Advisor(s): Ayoka Chenzira, PhD

Environmental Science
Science Center, Room 145
Moderator: Tonya Holloway

9:00 AM	ENV-O1	A Study of Health and Development in the Region of Jacunda Presenter/Author: Karmen Brooks Advisor(s): Aditi Pai, PhD, Nirvia Raevena (UFPA-Belem, Brazil), Gustavo Negreois (SIT Belem, Brazil)
9:20 AM	ENV-O2	The Implementation of Environmental Education at Kennesaw Mountain National Battlefield Park Presenter/Author: Taylor Morton Advisor(s): Victor Ibeanusi, PhD, Benita Duling (Kennesaw Mountain National Battlefield Park), Briana McLennon (Kennesaw State University)
9:40 AM	ENV-O3	Increasing Attention to Vapor Intrusion

		Presenter/Author: Cheryl Triplett Author(s): LaVances Monique Woodruff Advisor(s): Victor Ibeanusi, PhD
10:00 AM	ENV-O4	Connecting Communities to Farmers: An Analysis of Farm-to-Consumer Venue Use in Atlanta, GA Presenter/Author: Alexandra Bowman Advisor(s): Victor Ibeanusi, PhD
10:20 AM	ENV-O5	Establishing a Framework for Understanding the Water Quality Trend of the Chattahoochee River Presenter/Author: Rugiyatu Kane Author(s): Janet Akayenzi, Kayla Lane, Christina Pollonais Advisor(s): Victor Ibeanusi, PhD, LaVances Monique Woodruff
10:40 AM	ENV-O6	"Everybody Poops": The Examination of Atlanta's Wastewater Management Systems Presenter/Author: Elizabeth Smith Advisor(s): Victor Ibeanusi, PhD

History
Cosby, Room LL31
Moderator: Cynthia Cooke

9:00 AM	HIS-O1	"A Plague Upon Both Your Houses!": The Effects of the Black Death on Medieval Italy from 1347 to 1450 Presenter/Author: Elizabeth Smith Advisor(s): Margery Ganz, PhD
9:20 AM	HIS-O2	The Historical Development of the "Browning Phenomenon" in Jamaica: From 1733 to the Modern Day Jamaica Presenter/Author: Aliya Whitaker Advisor(s): Kathleen Phillips-Lewis, PhD
9:40 AM	HIS-O3	The Failures of Brown: School Desegregation 1950 - 1980 Presenter/Author: Nandi Stewart Advisor(s): Dalila de Sousa Sheppard, PhD
10:00 AM	HIS-O4	Black Feminist Connection: From Zora Neale Hurston to Audre Lorde Presenter/Author: Tiara Denson Advisor(s): Kathleen Phillips Lewis, PhD
10:20 AM	HIS-O5	More Than a Social Butterfly: An Analysis of the Methods African American Women Used to Negotiate Socio-economic Class Standing, 1950-1969 Presenter/Author: Brooke Thomas Advisor(s): Margery Ganz, PhD
10:40 AM	HIS-O6	Enter to Learn Exit to Lead: The Higher Education of African American Women at Spelman and Atlanta University and the Co-Ed Evolution That Transformed Black Women's Role in Leadership Presenter/Author: Stacie Alvarez Advisor(s): James Gillam, PhD

Mathematics O1-O5
Tapley, Room 130
Moderator: Joannell Coley

9:00 AM	MAT-O1	Effect of Network Configuration on the Aging Process in the Reliability Model of Cellular Aging Presenter/Author: Palpasa Manandhar Advisor(s): Hong Qin, PhD, Nagambal Shah, PhD
9:20 AM	MAT-O2	Building Bridges: Graph Theory and Euler Presenter/Author: Jasmine Wallace Advisor(s): Viveka Borum, PhD
9:40 AM	MAT-O3	Quantum Calculus: The Q-Derivative Presenter/Author: Stephanie Williams Advisor(s): Mohammed Tesemma, PhD
10:00 AM	MAT-O4	An Application of the Calculus of Variations Presenter/Author: Danielle Middlebrooks Advisor(s): Jeffrey Ehme, PhD
10:20 AM	MAT-O5	Minimizing Functions with the Calculus of Variations Presenter/Author: Tyler Clark Advisor(s): Jeffrey Ehme, PhD

Mathematics O6-O10
Tapley, Room 119
Moderator: Samuel Jermaine Duffie

9:00 AM	MAT-O6	P-Adic Analysis Presenter/Author: Chermonica Johnson Advisor(s): Mohammed Tesemma, PhD
9:20 AM	MAT-O7	Gröbner Bases Applications Presenter/Author: Shekiaya Gowans Advisor(s): Mohammed Tesemma, PhD
9:40 AM	MAT-O8	Investigating the Interconnection between Cellular Aging and Network Robustness Presenter/Author: Amanda Alexander Advisor(s): Hong Qin, PhD
10:00 AM	MAT-O9	Assessing the Cost-benefit of Providing HPV Vaccinations to Homosexual Males Presenter/Author: Asia Wyatt Advisor(s): Marionette Holmes, PhD, Monica Stephens, PhD
10:20 AM	MAT-O10	Impact of Attitudes towards Condom Usage among African American Female College Students on HIV Transmission Risk Presenter/Author: Andrea Brown Advisor(s): Marionette Holmes, PhD

Music

Giles, Room 110

Moderator: Stephanie Byrd

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| 9:00 AM | MUS-O1 | “Quoniam tu solus”: An Exploration of Baroque Style and Listening Pleasure
Presenter/Author: Kristie Bronner
Advisor(s): Lawrence Schenbeck, PhD |
| 9:20 AM | MUS-O2 | Reserved, Yet Riveting in the Renaissance: Victoria’s “O vos omnes”
Presenter/Author: Kirstie Bronner
Advisor(s): Lawrence Schenbeck, PhD |
| 9:40 AM | MUS-O3 | Origins of Local Catholic Music in The Gambia
Presenter/Author: Genevieve Cardos
Advisor(s): Kevin Johnson DMA, John Cardos (Catholic Secretariat, The Gambia) |
| 10:00 AM | MUS-O4 | Influence of Dancehall Music on Women
Presenter/Author: Taylor Edmond
Advisor(s): Daryl White, PhD |

Political Science, Philosophy and Religious Studies, International Studies

Cosby, Room LL27

Moderator: Melody Anthony

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| 9:00 AM | POL-O1 | Don’t Ask, Don’t Tell: A Question of Politics or Social Values?
Presenter/Author: Chanterries Roberts
Advisor(s): Tinaz Pavri, PhD |
| 9:20 AM | POL-O2 | A Geopolitical and Comparative Analysis of Human Rights Violations against Women in Morocco and India
Presenter/Author: Shay Johnson
Advisor(s): Tinaz Pavri, PhD |
| 9:40 AM | POL-O3 | UN Regulation of Nuclear Weapons & Technologies
Presenter/Author: Avi Walker
Advisor(s): Fatemeh Shafiei, PhD |
| 10:00 AM | PHI-O1 | The Native American Alternative of Martin Heidegger and Death
Presenter/Author: Bryanna Stukes
Advisor(s): Shay Welch, PhD |
| 10:20 AM | INT-O1 | The Right to Self Determination: A Case Study of the Tibetans and Uighurs
Presenter/Author: Aliya White
Advisor(s): Jerry Wever, PhD |

Psychology

Giles 106

Moderator: Dana Pride Jones

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| 9:00 AM | PSY-O1 | The Devastating Jezebel: The Effects of the Jezebel Stereotype on African-American Women's Performance
Presenter/Author: Thekia Cheeseborough
Author(s): Marissa Robinson
Advisor(s): Valerie Jones Taylor, PhD, Nicole Overstreet, PhD |
| 9:20 AM | PSY-O2 | Emotional Responses to Stereotypical & Negative Non-Stereotypical Behaviors in Interracial & Intra-racial Interactions
Presenter/Author: McKenzie Hinton-Hardin
Advisor(s): Valerie Jones Taylor, PhD |
| 9:40 AM | PSY-O3 | Student Involvement and Academic Performance: The Role of Sense of Campus Community
Presenter/Author: Kelsei Thomas
Advisor(s): A. Nayena Blankson, PhD |
| 10:00 AM | PSY-O4 | Grasping Errors in 12- to 18-Month-Old Infants Linked to Inhibitory Control Problems
Presenter/Author: Cree Robinson
Advisor(s): Karen Brakke, PhD, Karl Rosengren, PhD (Northwestern University), Isabel Gutierrez, PhD (Northwestern University) |
| 10:20 AM | PSY-O5 | Religiosity and Altruism: The Importance of Religious Orientation on Helping Beliefs and Behaviors
Presenter/Author: Taylor Pettway
Advisor(s): Kesi L. Miller, PhD |
| 10:40 AM | PSY-O6 | Influences of Happiness: Perceived Body Size, Self-Esteem, Body Image, Perceived Weight Discrimination and Perceived Race Discrimination
Presenter/Author: Yvette Butcher
Advisor(s): Valerie Jones Taylor, PhD |

Public Health

Science Center, Room 238

Moderator: DeBorah Wilson

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| 9:00 AM | PUB-O1 | Making it Work: The Regulations and Strategies of Water Access in the Village of Guyuni
Presenter/Author: Jasmine Taylor
Author(s): Kelsey Anderson, Juliette Logan, Daniel Mansfield
Advisor(s): Bruce Wade, PhD, Laurence Kruger, PhD (University of Cape Town) |
| 9:20 AM | PUB-O2 | The Number of Lifetime Sexual Partners and Dual Contraceptive Use at Last Sex Among Female Adolescents
Presenter/Author: Monique Gray
Advisor(s): Monica Melton, PhD |
| 9:40 AM | PUB-O3 | He Said She Said: Common Myths of the Flu Vaccination and Reasons behind the Low Rate of Vaccination in HBCU College Students
Presenter/Author: Lauren Roberts
Advisor(s): Yonas Tekle, PhD |

10:00 AM	PUB-O4	Evaluating the Social Determinants of IQ Presenter/Author: April Brown Advisor(s): William Thompson, PhD (Centers for Disease Control and Prevention), Derek Ford, PhD (Centers for Disease Control and Prevention)
10:20 AM	PUB-O5	Dignity Health Resident Rotation Policy Presenter/Author: Jazmine Grier Advisor(s): Barbara Bell, PhD, Sallie Weems (Dignity Health)
10:40 AM	PUB-O6	Raising Awareness of the Human Papillomavirus among African Americans in Dane County, Wisconsin Presenter/Author: Danielle Winfrey Advisor(s): Rosalind Gregory Bass, MD, MS, Rick Strickland (University of Wisconsin Carbone Cancer Center), Rebecca Linskens, MA (University of Wisconsin Carbone Cancer Center)

Sociology
Cosby, Room, LL32
Moderator: Makeba Reed-Johnson

9:00 AM	SOC-O1	Are African American Female Students Engaged in Breast Cancer Activism Presenter/Author: Alesha Henderson Advisor(s): Bruce Wade, PhD
9:20 AM	SOC-O2	“Fat Like Me:” Narratives of Obesity and Attitudes towards Obese Persons Among Black College Females Presenter/Author: Mercedes Dunn Advisor(s): Bruce Wade, PhD
9:40 AM	SOC-O3	Who Can I Run To?: Evaluating College Community Readiness to Respond to Intimate Partner Violence Presenter/Author: Camesha Jones Advisor(s): Cynthia Neal Spence, PhD
10:00 AM	SOC-O4	The Princess and the Whore: Black Women in Video Games Presenter/Author: Morgan Clark Advisor(s): Ayoka Chenzira, PhD
10:20 AM	SOC-O5	Human Sex Trafficking and Violence against Women in East Tennessee Presenter/Author: Khayla McCoy Advisor(s): Mark Lee, PhD, Melissa Owens, MS (Hiwassee College)
10:40 AM	SOC-O6	Theorizing Experiences of Intersectionality for African-American Women Travelers and Sex Tourism Presenter/Author: Marjani Hall Advisor(s): Jerry Wever, PhD
11:00 AM	SOC-O7	The Drop: The Evolution of the Rave Scene From an Underground Subculture to a Mainstream Trend Presenter/Author: Lauren Holloway Advisor(s): Barbara Carter, PhD

Anthropology, Read Hall Gymnasium

1:45 PM

- ANT-P1 The Role of Technology in Globalization and International Markets
Presenter/Author: Alyssa Battle
Advisor(s): Jerry Wever, PhD
- ANT-P3 The Transformation of Reggae
Presenter/Author: Jasmine Haynes
Advisor(s): Jerry Wever, PhD
- ANT-P5 There's an App for That: An Analysis of the Smartphone Revolution and the Way We Eat
Presenter/Author: Brittany Leslie
Advisor(s): Daryl White, PhD
- ANT-P7 Chinese Migration and Integration in the Pacific
Presenter/Author: Alaina Walton
Advisor(s): Jerry Wever, PhD
- ANT-P9 The Affect of Multi-National Corporations on Developing Nations
Presenter/Author: Anita Sheares
Advisor(s): Jerry Wever, PhD

Biology, Read Hall Gymnasium

1:45 PM

- BIO-P3 Hybrid Amoeba Formation: Investigating Cellular Fusion between Unrelated Species of Amoebae
Presenter/Author: Jai McQuilla
Advisor(s): Yonas Tekle, PhD
- BIO-P5 Comprehensive Ecological Condition Analysis Based on Abiotic and Biotic Indicators of Three Lagoons in Unidunas, Brazil
Presenter/Author: Antonia Gore
Advisor(s): Yonas Tekle, PhD
- BIO-P7 The Affects of the Pheromone 4-8 dimethyl decanal (4-8 DMD) on Sexual Selection in *Tribolium castaneum*
Presenter/Author: Tenecia McDonald
Advisor(s): Aditi Pai, PhD
- BIO-P9 Discovering A New Amoeba: A Study of A New Cochliopodium Species Using Morphological And Molecular Data
Presenter/Author: Michele Chambers
Advisor(s): Yonas Tekle, PhD
- BIO-P11 The Effect of Water Pollution on the Biodiversity of Three Lagoons Comprised of Aquatic Insects
Presenter/Author: Jasmine Parker-McDuffie
Advisor(s): Mark Lee, PhD, Givaldo Reis, PhD (Parque das Dunas/Unidunas)
- BIO-P13 An Examination of Variation in PRDM9 among Women Who Have Experience Meiotic Nondisjunction
Presenter/Author: Blair Johnson
Author(s): Ariel Harden

Advisor(s): Tiffany Oliver, PhD, Stephanie Sherman, PhD (Emory University), Candace Middlebrooks, PhD (Emory University)

- BIO-P15 Estradiol-17 β and Estradiol-BSA are Responsible for Activation State of eNOS in Uterine Artery Endothelial Cells
Presenter/Author: Diamonique Felder
Advisor(s): Rosalind Gregory Bass, MD, MS, Ronald Magness, PhD (University of Wisconsin-Madison), Mayra Pastore (University of Wisconsin-Madison)
- BIO-P17 Effect of Chemoattractants and Cytokines on Eosinophil Adhesion
Presenter/Author: Syundai Johnson
Advisor(s): Rosalind Gregory Bass, MD, MS, Mats Johansson, PhD (University of Wisconsin-Madison), Deane Mosher, PhD (University of Wisconsin-Madison)
- BIO-P19 Co-localization of Mitochondria and Microtubules and its Significance to Species Identification
Presenter/Author: Clarissa Upshaw
Advisor(s): Yonas Tekle, PhD
- BIO-P21 Identification and Cloning of Barleys ABC Transporters Potentially Orthologous to Atwbc19
Presenter/Author: Kamila Nemcova
Advisor(s): Mentewab Ayalew, PhD
- BIO-P23 Evidence that Variation in Proline Rich Domain Containing 9 is Associated with the Absence of Recombination on 21q and Nondisjunction
Presenter/Author: Ariel Harden
Author(s): Blair Johnson, Rocky Spells
Advisor(s): Tiffany Oliver, PhD
- BIO-P25 Annotation and Characterization of Chromosome 9q Genes Proximate to Serine Palmitoyltransferase-1
Presenter/Author: Tamra Neblett
Advisor(s): Tokunbo Yerokun, PhD
- BIO-P27 Analysis of Protein-Protein Interactions to Understand Mechanisms of Antibiotic Resistance in Plants
Presenter/Author: Danielle Williams
Advisor(s): Mentewab Ayalew, PhD
- BIO-P29 The Effect of Calorie Restriction on p53 Expression in Multidrug Resistant SKOV3 Cells
Presenter/Author: Alexis Sims
Advisor(s): Rosalind Gregory Bass, MD, MS
- BIO-P31 The Impact of Serum Withdrawal on the Expression of Prohibitin in SKOV3 Cells
Presenter/Author: Jasmeka Colvin
Advisor(s): Rosalind Gregory Bass, MD, MS
- BIO-P33 Effect of High BMP-2 on Healing of Large Bone Defects Using rBMSCs and Myoblast Cells
Presenter/Author: Kalah Haley
Advisor(s): Laxminarayanan Krishnan, PhD (Georgia Institute of Technology), Robert Guldberg, PhD (Georgia Institute of Technology)

BIO-P35	<p>Effect of Hydrogen Peroxide on Intracellular Reactive Oxygen Species Levels in Yeast</p> <p>Presenter/Author: Ashlee Beverett</p> <p>Author(s): Jayden Le Blanc</p> <p>Advisor(s): Hong Qin, PhD</p>
BIO-P37	<p>Preliminary Study of the Grey Matter Morphology of the Insula: Implications for the Emergence of Self Agency</p> <p>Presenter/Author: Ebony Mason</p> <p>Advisor(s): Karen Brakke, PhD, William Hopkins, PhD (Yerkes National Primate Research Center)</p>
BIO-P39	<p>Using Pathway Studio 9 and BLAST to Investigate Potential Gb3-Protein Interactions</p> <p>Presenter/Author: Kennysa Adger</p> <p>Advisor(s): Mark Maloney, PhD</p>
BIO-P41	<p>Improving Breathing Economy through Hatha Yoga Pose</p> <p>Presenter/Author: Shannon Frink</p> <p>Author(s): Cayla Lowe, Anique Thompson, Faith Kirkland</p> <p>Advisor(s): Rosalind Gregory Bass, MD, MS, Felicia Love</p>
BIO-P43	<p>Adderall...an Educational Boost: Beneficial or Not?</p> <p>Presenter/Author: Rocky Spells</p> <p>Author(s): Danielle Williams, Simone Davis, Alisha Fung-A-Ling</p> <p>Advisor(s): Michael McGinnis, PhD</p>
BIO-P45	<p>Dietary Supplements Lower Resting Energy Expenditure and Increase Bone Mineral Density and Bone Mineral Composition in Sickle Cell Anemia Children</p> <p>Presenter/Author: Bria Carrithers</p> <p>Advisor(s): Anna Powolny, PhD, Patrice Capers (Morehouse School of Medicine), Jacqueline Hibbert, PhD (Morehouse School of Medicine)</p>
BIO-P47	<p>The Correlation between Marijuana and BMI</p> <p>Presenter/Author: Giovanna Bailey</p> <p>Author(s): Maya Spencer, Cherise Morgan</p> <p>Advisor(s): Michael McGinnis, PhD</p>
BIO-P49	<p>Yoga as an Effective Tool in the Maintenance of Posture and Flexibility in College-Aged Women</p> <p>Presenter/Author: Cayla Lowe</p> <p>Author(s): Faith Kirkland, Anique Thompson</p> <p>Advisor(s): Rosalind Gregory Bass, MD, MS, Felicia Love</p>
BIO-P51	<p>Gender and Its Role in Pain Sensitivity</p> <p>Presenter/Author: Isadora Porter</p> <p>Advisor(s): Karen Brakke, PhD, Ian Carroll, MD (Stanford University)</p>

Biology Groups, Read Hall Gymnasium

1:45 PM

BIOG-P1	<p>Functional and Molecular Characterization of the Mismatch Repair Gene MutS Homolog 2 a Disease Gene in Hereditary Non-Polyposis Colorectal Cancer</p> <p>Presenter/Author(s): Ene Ekoja, Tayler Elam, Kristen Ezeude, Danielle Gaitor</p> <p>Advisor(s): Tokunbo Yerokun, PhD</p>
BIOG-P3	<p>Effects of Missense Mutation on Functionality of MSH2 Protein in a Yeast Model</p>

Presenter/Author(s): Chioma Anyikwa, Bria Carrithers, Monique Henderson, Stranjae Ivory, Breagan Ricks
Advisor(s): Anna Powolny, PhD

Chemistry, Read Hall Gymnasium

1:45 PM

- CHE-P1 Synthesis and Characterization of an Amine-based Monomer for a Fluorescent Molecularly Imprinted Polymer
Presenter/Author: Kamille Williams
Advisor(s): Jean-Marie Dimandja, PhD, Marina Resmini, PhD (Queen Mary University)
- CHE-P3 Cheminformatics Analysis and Purification Assessment of Curcumin Spice from Microwave and Ultrasound
Presenter/Author: Niwa Coleman
Advisor(s): Nripendra Bose, PhD
- CHE-P5 Biological Validation and Computational Modeling of DBM-GR Interactions in Hormone Refractory Prostate Cancer
Presenter/Author: Lydia Ruffner
Advisor(s): Kimberly Jackson, PhD, Leyte Winfield, PhD, Kimberly Jackson, PhD
- CHE-P7 Molecular Organic Chemistry Reaction Predicting Software
Presenter/Author: Albryona Pope
Advisor(s): Nripendra Bose, PhD
- CHE-P9 Combinatorial Chemistry and Education
Presenter/Author: Samantha Gayles
Author(s): Dana Ward-Robinson, Cekia Wilson
Advisor(s): Nripendra Bose, PhD
- CHE-P11 Synthesis of Guanidine Derivatives for the Improvement of **Chemotherapeutic** Treatment
Presenter/Author: Thaiesha Wright
Advisor(s): Leyte Winfield, PhD, Rochelle Annan
- CHE-P13 Abstract on Student Computational Chemistry Software (SCCS-3D)
Presenter/Author: Kameron Duncan
Author(s): Newallo Dominique
Advisor(s): Nripendra Bose, PhD
- CHE-P15 Effect of Dibenzoylmethane on AR and GR Transactivation in Prostate Cancer Cells
Presenter/Author: Emma Carine Iradukunda
Author(s): Rosine Dushime
Advisor(s): Kimberly Jackson, PhD, Renee Shaw, MS

Chemistry Groups, Read Hall Gymnasium

1:45 PM

- CHEG-P1 An Analysis of Melanogenesis Inhibition by Quercetin in Cell-Free and Cell-Based Systems
Presenter/Author(s): Kameron Duncan, Shaniqua Smiley
Advisor(s): Kimberly Jackson, PhD
- CHEG-P3 Resveratrol as a Potential Inhibitor for Tyrosinase in B16 Murine Melanoma Cells
Presenter/Author(s): Skyla Lucineo, Neshe Sills

Advisor(s): Kimberly Jackson, PhD

CHEG-P5 Beyond Skin Deep: Vitiligo Therapy Investigation of Melanin Formation vs. Melanin Inhibition
Presenter/Author(s): KaNesha Gillyard, Lydia Ruffner, Tiana Welch
Advisor(s): Kimberly Jackson, PhD

Computer and Information Sciences, Read Hall Gymnasium

1:45 PM

CIS-P1 Recognizing Engagement in Human Robot Interaction Dealing with ROS
Presenter/Author: Chanel Johnson
Advisor(s): Jakita Thomas, PhD

CIS-P3 Parallel and Heterogeneous Computing For Medical Image Rendering Enhancement
Presenter/Author: Liliane Ntaganda
Advisor(s): Alfred Watkins, PhD

Economics, Read Hall Gymnasium

1:45 PM

ECO-P1 The Shattering of Glass-Steagall and the 'Great Recession' of 2008
Presenter/Author: Diana Saintil
Advisor(s): Romie Tribble, PhD, Jack Stone, PhD

Engineering, Read Hall Gymnasium

1:45 PM

EGR-P1 On the Use of Alternative Energy to Propel a Toy Model of a Car
Presenter/Author: Imani White
Author(s): Christina Pollonais, Julissa Hunte
Advisor(s): Monica Stephens, PhD, Vyran George, (Georgia Institute of Technology), Retina Burton, MSTM

Environmental Science, Read Hall Gymnasium

1:45 PM

ENV-P1 Biodegradation of Crude Oil
Presenter/Author: Ruth Wangia
Advisor(s): Victor Ibeanusi, PhD, LaVances Monique Woodruff

ENV-P3 The Comparison between Three Fresh Water Lagoons and the Effect of Water Qualities on Stable Environments
Presenter/Author: Erica Ferguson
Advisor(s): Mark Lee, PhD

ENV-P5 A Study of Microbial Diversity and their Uniqueness through an Environmental Patch
Presenter/Author: Kevona Belcher
Advisor(s): Victor Ibeanusi, PhD, LaVances Monique Woodruff

ENV-P7 Bioremediation and Detoxication of Selenium in Waste Water
Presenter/Author: Julissa Hunte
Advisor(s): Victor Ibeanusi, PhD

International Studies, Read Hall Gymnasium

1:45 PM

INT-P1 The Abuse of Cambodian Domestic Workers Migrating to Malaysia
Presenter/Author: Brinesha Taylor
Advisor(s): Jerry Wever, PhD

Physics, Read Hall Gymnasium

1:45 PM

PHY-P1 X-Ray Spectroscopy of Water in Liquid Phase: Explaining the Double Peak
Presenter/Author: Christina Sparks
Advisor(s): Natarajan Ravi, PhD, Zhong Yin (Max Planck Institute for Biophysical Chemistry)

Psychology, Read Hall Gymnasium

1:45 PM

PSY-P1 Examining the Role of the Negativity Effect on Memory for Inferences
Presenter/Author: Shanice Bailey
Author(s): Meagan Bowen, Shana Jones, Taylor Yarbrough
Advisor(s): Jimmeka Guillory, PhD

PSY-P3 Parental Attachment and Peer Relations: The Role of Adolescent Self-Esteem
Presenter/Author: Keonda Preston
Advisor(s): A. Nayena Blankson, PhD

PSY-P5 The Role of Colorism on Skin Tone Satisfaction among Black College Students
Presenter/Author: Stephanie Deltor
Advisor(s): LaConyeta Butler, PhD

PSY-P7 Maternal Depression is Associated with Increased Physiological Markers of Anxiety in Their Children
Presenter/Author: Kayla Greene
Advisor(s): Ebony Glover, PhD (Emory School of Medicine)

Public Health, Read Hall Gymnasium

1:45 PM

PUB-P1 Know Your Parasite: Awareness of Malaria in Limpopo Province, South Africa
Presenter/Author: Daria Clegg
Author(s): Jania Arcia-Ramos, Moné Armah, Sara Saliba
Advisor(s): Bruce Wade, PhD

PUB-P3 Increasing Lung Cancer Health Literacy in the African American Community
Presenter/Author: Chelsea Straughn
Advisor(s): Rosalind Gregory Bass, MD, MS, Rick Strickland (University of Wisconsin School of Medicine and Public Health), Rebecca Linskens, MA (University of Wisconsin School of Medicine and Public Health)

PUB-P5 Impact of Body Composition on Physical Performance Tasks in Older Obese Women
Presenter/Author: Shamera Robinson
Advisor(s): Renee Leonard

PUB-P7 Patient Centered Model to Decrease Disparities in Diabetes Care at a Community Health Center
Presenter/Author: Nijah Burris
Advisor(s): Barbara Bell, PhD, Kati Konsersman, RD, CDE, MD (St. Mary's Medical Center, San Francisco, CA/Dignity Health Organization)

PUB-P9 Using Culturally-Relevant Multi-Media to Enhance the Health Literacy of Young Adults
Presenter/Author: Chelsy Webb
Author(s): Jasmine Smith, Taisha Blair
Advisor(s): Rosalind Gregory Bass, MD, MS

PUB-P11 "The Talk" Project: A Novel Multimedia Peer to Peer Intervention Designed to Enhance
Reproductive Physiology and STI Health Literacy
Presenter/Author: Taisha Blair
Author(s): Jasmine Smith, Chelsy Webb
Advisor(s): Rosalind Gregory Bass, MD, MS

Sociology, Read Hall Gymnasium

1:45 PM

SOC-P1 The Girls in the Games: The Representation of Women and Girls in Video Games
Presenter/Author: Adanne Ebo
Advisor(s): Daryl White, PhD

Anthropology, Read Hall Gymnasium

2:30 PM

ANT-P2 Musical Inheritance in Latin Jazz Culture
Presenter/Author: Taylor Morton
Advisor(s): Jerry Wever, PhD

ANT-P4 The Bachata Dance: A Sociohistorical Analysis of Musical Diplomacy in the Dominican Republic
Presenter/Author: Frances Roberts-Gregory
Advisor(s): Jerry Wever, PhD

ANT-P6 Exploring Medical Tourism: Do its Benefits Outweigh its Negative Impacts?
Presenter/Author: Alesha Henderson
Advisor(s): Jerry Wever, PhD

ANT-P8 Rumba: The Meaning that Lies Behind the Music
Presenter/Author: Jasmine Cook-Holt
Advisor(s): Jerry Wever, PhD

ANT-P10 The Sounds of Salsa
Presenter/Author: Cedreka Walker
Advisor(s): Jerry Wever, PhD

Biology, Read Hall Gymnasium

2:30PM

BIO-P2 New Tools for Resolving Amoebozoa Phylogenies: Testing the Phylogenetic Utility of
Cytoskeletal Architecture to Understand Cochliopodium Diversity
Presenter/Author: Jayne Rice
Advisor(s): Yonas Tekle, PhD

BIO-P4 Microbial Diversity of Spelman and Morehouse Colleges with Special Focus on Amoebas
Presenter/Author: Danah Wilkins
Advisor(s): Yonas Tekle, PhD

BIO-P6 The Affect of DMD on Male Mate Choice in Tribolium Castaneum Red Flour Beetle

Presenter/Author: Domonique Hatton

Advisor(s): Aditi Pai, PhD

- BIO-P8 The Numerosity of Female Mating Encounters and its Impact on Male Mate Choice in the Tribolium castaneum Beetle
Presenter/Author: Dominique Grasty
Advisor(s): Aditi Pai, PhD
- BIO-P10 Sexual Dimorphism in the Red Flour Beetle Brain
Presenter/Author: Cherise Washington
Advisor(s): Aditi Pai, PhD, Lindsey MacPherson, PhD (Columbia University), Marco Gallio, PhD (Northwestern University)
- BIO-P12 Fighting the Superbug through Directed Competition and Evolution: Controlling MRSA Infections Using Probiotics
Presenter/Author: Jessica Coates
Advisor(s): Yonas Tekle, PhD
- BIO-P14 The Effects of Endometriosis on the Proteome of Human Eutopic Endometrium
Presenter/Author: Cadiesha McKenly
Author(s): Ashley Hayes
Advisor(s): Rosalind Gregory Bass, MD, MS, Winston Thompson, PhD (Morehouse School of Medicine)
- BIO-P16 Cyclic Adenosine Monophosphate and Cyclic Guanosine Monophosphate Alter the Phosphorylation State of Connexin-43 Gap Junction and Endothelial Nitric Oxide Synthase Proteins in Ovine Uterine Artery Endothelial Cells of Pregnancy
Presenter/Author: Kwadernica Rhea
Advisor(s): Rosalind Gregory Bass, MD, MS, Ronald Magness, PhD (University of Wisconsin at Madison), Bryan Ampey (University of Wisconsin at Madison)
- BIO-P18 Detection of Pathogen Proteins in Urinary Exosomes
Presenter/Author: Shanice Robinson
Advisor(s): Gale Newman, PhD (Morehouse School of Medicine), Renee Leonard
- BIO-P20 Investigating the Behavior of Cochliopodium Pentatrifurcatum by Observing Nuclear Fusion
Presenter/Author: Bianca Johnson
Advisor(s): Yonas Tekle, PhD
- BIO-P24 Comparative Analysis of Serine Palmitoyltransferase-1 SPTLC1 Expression in Caucasian and African American Prostate Cancer Cell Lines
Presenter/Author: Brianna Burlock
Advisor(s): Tokunbo Yerokun, PhD
- BIO-P26 Effect of SPTLC1 Expression on Cellular Response to DNA Damaging Agent 3-Methylchlorantrene Using Comet Assay
Presenter/Author: Toni Gooden
Advisor(s): Tokunbo Yerokun, PhD
- BIO-P28 Identification of Antibiotic Resistance Genes in Rice (Oryza Sativa)
Presenter/Author: Breahna Gillespie
Advisor(s): Mentewab Ayalew, PhD
- BIO-P30 Retinoid Acid Inhibits Estrogen Induced Nrf2 Activation in Human Estrogen-Dependent Epithelial Cells
Presenter/Author: Devin Williams

Advisor(s): Rosalind Gregory Bass, MD, MS, Neil Sidell, PhD (Emory University)

BIO-P32 Anti-Proliferative and Anti-Apoptotic Effects of a Novel Chemotherapeutic Agent in SKOV-3 Ovarian Cancer Cells

Presenter/Author: Courtney Sykes

Advisor(s): Rosalind Gregory Bass, MD, MS, Leyte Winfield, PhD ()

BIO-P34 The Modulation of Irx3 in Angiogenesis

Presenter/Author: Allison Pratt

Advisor(s): Leonard Anderson, PhD (Morehouse School of Medicine), Kisha Scarlett, MS (Morehouse School of Medicine), Renee Leonard

BIO-P36 Using Osteoclast Differentiation to Determine the Expected Degree of Arthritis

Presenter/Author: Kymber Rias

Advisor(s): Mark Maloney, PhD, Jaime Sancho, PhD (Instituto de Parasitologia y Biomedicina "Lopez-Neyra"), Daniela Cerezo-Wallis (Instituto de Parasitologia y Biomedicina "Lopez-Neyra")

BIO-P38 Resolution Power and Phylogenetic Informativeness of SSU-rDNA and Actin in Resolving the Amoebazoan Tree of Life

Presenter/Author: Ariel Lecky

Advisor(s): Yonas Tekle, PhD

BIO-P40 Impact of Yoga on Basal Heart Rate in College Aged Women

Presenter/Author: Faith Kirkland

Advisor(s): Rosalind Gregory Bass, MD, MS, Felicia Love

BIO-P42 A Look into the Future: DNA Barcoding Used for Species Identification in Amoeba

Presenter/Author: Victoria Green

Advisor(s): Yonas Tekle, PhD

BIO-P44 Using Tools of Bioinformatics to Expand the Protein Interaction Network for Interleukin-16 and Reversion-Induced LIM Protein

Presenter/Author: Corinne Foley

Advisor(s): Mark Lee, PhD

BIO-P46 Neural Activation Patterns of Women with Childhood Maltreatment Histories

Presenter/Author: Aiyana Batton

Advisor(s): Ebony Glover, PhD (Emory School of Medicine)

BIO-P48 The Relationship between Weight Gain and College Attendance in Young Adults

Presenter/Author: Raven Jackson

Author(s): Mislé Jean-Baptiste, Danielle Winfrey

Advisor(s): Michael McGinnis, PhD

BIO-P50 Bioinformatic Analysis of Multi-Drug Resistant Ovarian Cancer Cells, SKOV-3

Presenter/Author: Karlye Phillips

Advisor(s): Rosalind Gregory Bass, MD, MS, Leyte Winfield, PhD

BIO-P52 The Influence of Our Daily Life on Scientific Literacy and Attitude

Presenter/Author: Anique Thompson

Author(s): Kofi Khamit-Kush, Alannah Mack, Kasha Price

Advisor(s): Hong Qin, PhD

Biology Groups, Read Hall Gymnasium

2:30 PM

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| BIOG-P2 | <p>Understanding Hereditary Nonpolyposis Colon Cancer through Functional Assay of Human MSH2 Missense Mutations in Yeast</p> <p>Presenter/Author(s): Meigan Bryant, Tonia Iwule, Elsie Macharia</p> <p>Advisor(s): Hong Qin, PhD</p> |
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| BIOG-P4 | <p>Mutations in Mut S Homolog 2 Gene Affect the Risk of Hereditary Non-Polyposis Colorectal Cancer</p> <p>Presenter/Author(s): Ekemini Orok, Andrielle Scott, Erin Scrivner, La-Shaka St. Louis</p> <p>Advisor(s): Anna Powolny, PhD</p> |
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Chemistry, Read Hall Gymnasium

2:30 PM

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| CHE-P2 | <p>A Systematic Approach for Understanding Slater-Gaussian Functions in Computational Chemistry</p> <p>Presenter/Author: Brianna Stewart</p> <p>Advisor(s): Natarajan Ravi, PhD, Derrick Hylton, PhD</p> |
| CHE-P4 | <p>Interrogating Gene Regulatory Networks to Optimize Dibenzoylmethane as a Target for Hormone Refractory Prostate Cancer</p> <p>Presenter/Author: Tia Bernard</p> <p>Advisor(s): Kimberly Jackson, PhD, Renee Shaw, MS</p> |
| CHE-P6 | <p>One Pot Synthesis of Nickel Metalloporphyrin at Room Temperature</p> <p>Presenter/Author: Jazmine Grier</p> <p>Author(s): Kameron Duncan, Albryona Pope, Dominique Newallo</p> <p>Advisor(s): Nripendra Bose, PhD</p> |
| CHE-P8 | <p>The Central Nervous System Ion Channels, Apolipoproteins, and Sterols: From Clogged Arteries to Ischemic Stroke?</p> <p>Presenter/Author: KaNesha Gillyard</p> <p>Advisor(s): Zhigang Xiong, PhD (Morehouse School of Medicine), Zaven O-Bryant, MS (Morehouse School of Medicine)</p> |
| CHE-P10 | <p>The Practices and Programs That Encourage Effective Mentoring of Minority Women in Science, Technology, Engineering, and Mathematics (STEM) Fields</p> <p>Presenter/Author: Brittany Idusuyi</p> <p>Advisor(s): Shanina Sanders, PhD</p> |
| CHE-P12 | <p>Atrazine Permeation in CaCo-2 Cells</p> <p>Presenter/Author: Quanisha Wright</p> <p>Author(s): Crystal Harrison</p> <p>Advisor(s): Gladys Bayse, PhD, Latanya Hammonds-Odie, PhD (Georgia Gwinnett College)</p> |
| CHE-P14 | <p>Probable Environmental Effects of Arsanilate and Arsacetin</p> <p>Presenter/Author: Crystal Harrison</p> <p>Advisor(s): Gladys Bayse, PhD, Latanya Hammonds-Odie, PhD (Georgia Gwinnett College)</p> |
| CHE-P16 | <p>Exploring the Types of Mentorship That May Lead to Increased Numbers of Minority Women in STEM Academia Fields</p> <p>Presenter/Author: La'Mayah Hodges</p> <p>Author(s): Brittany Idusuyi</p> <p>Advisor(s): Shanina Sanders, PhD</p> |

Chemistry Groups, Read Hall Gymnasium

2:30 PM

CHEG-P2 Curcumin as a Novel-Plant Based, Safe Intervention for Vitiligo
Presenter/Author(s): Kamille Coney, Shannon Frink
Advisor(s): Kimberly Jackson, PhD

CHEG-P4 Efficacy of Dibenzoylmethane as a Treatment for Vitiligo
Presenter/Author(s): Albryona Pope, Tyler Sugars
Advisor(s): Kimberly Jackson, PhD

Computer and Information Sciences, Read Hall Gymnasium

2:30 PM

CIS-P2 Bioinformatics Analysis of Human Genes Associated with Health-Disparity Related Diseases
Presenter/Author: Mislle Jean-Baptiste
Author(s): Daria Clegg
Advisor(s): Hong Qin, PhD

Economics, Read Hall Gymnasium

2:30 PM

ECO-P2 Susu Saving Programs and Trust in Ghana
Presenter/Author: Kemi Oyewole
Advisor(s): Bernice Scott, PhD, E. Kofi Agorsah, PhD (Portland State University)

Engineering, Read Hall Gymnasium

2:30 PM

EGR-P2 Construction of a Gimbaled Laser that Creates Shapes
Presenter/Author: Kayla Broughton
Author(s): Jayne Rice, Erin Brisco, Imani Herbert, Brianna Harris
Advisor(s): Monica Stephens, PhD, Jerry Volcy, PhD (Georgia Institute of Technology), Retina Burton, MSTM

Environmental Science, Read Hall Gymnasium

2:30 PM

ENV-P2 Comparative Study of the Aquatic Plants as Bioindicators to Identify Water Quality of Three Lagoons in and near Parque das Dunas in Salvador, Bahia, Brazil
Presenter/Author: Kandyce Perry
Advisor(s): Yonas Tekle, PhD, Givaldo Reis, PhD (Unidunas)

ENV-P4 Setting a Water Quality Framework for Chattahoochee River
Presenter/Author: Christina Pollonais
Author(s): Rugiyatu Kane, Janet Akayenzi
Advisor(s): Victor Ibeanusi, PhD

ENV-P6 “How’s The Air Up There?”: Using LIDAR Data to Compare the Air Quality on College Campuses in Metropolitan Atlanta
Presenter/Author: Jenine McKoy
Advisor(s): Peter Chen, PhD, Haviland Forrister

ENV-P8 Human Trails and Ground Nest Predation in Neotropical Cloud Forest
Presenter/Author: Aforkor Amelia Quaye

Advisor(s): Mark Lee, PhD, Mentewab Ayalew, PhD, Karen Masters

ENV-P9 Air Quality in Atlanta and the Health Risks
Presenter/Author: Ashley Martinez
Advisor(s): Victor Ibeanusi, PhD, LaVances Monique Woodruff

History, Read Hall Gymnasium

2:30 PM

HIS-P1 We Say, They Say: An African American Intergenerational Controversy
Presenter/Author: Yvette Butcher
Advisor(s): Gloria Gayles, PhD, Venetta Coleman, PhD

Mathematics, Read Hall Gymnasium

2:30 PM

MAT-P1 Computing in $PSL(2, \mathbb{Z})$
Presenter/Author: Shekiaya Gowans
Advisor(s): Jakita Thomas, PhD, Charles Leedham-Green, PhD (Queen Mary, University of London)

Physics, Read Hall Gymnasium

2:30 PM

PHY-P2 Theoretical Analysis of the Semiempirical Equations for the Binding Energy of Nuclei
Presenter/Author: Lauren Guerrido
Advisor(s): Paul Camp, PhD, Derrick Hylton, PhD

Political Science, Read Hall Gymnasium

2:30 PM

POL-P1 What International Policies are in Place to Regulate the Establishment and Running of MLB Training Camps and are the MLB Teams Closely Adhering to Them?
Presenter/Author: Shanita Farris
Advisor(s): Unislawa Williams, PhD, Vance Gray

Psychology, Read Hall Gymnasium

2:30 PM

PSY-P2 Social Competence and Emotional Intelligence as Predictors of Social Skills in Youth
Presenter/Author: Shalonda Jenkins
Author(s): Ashley Porter
Advisor(s): Sandra Sims Patterson, PhD

PSY-P4 Examining the Influence of Stereotypical Images on Black Women's Sexual Attitudes and Contingences of Self-Worth
Presenter/Author: Marissa Robinson
Author(s): Thekia Cheeseborough
Advisor(s): Valerie Jones Taylor, PhD, Nicole Overstreet, PhD (University of Connecticut)

PSY-P6 Developing the Stress Inventory for Black College Women (SI-BCW)
Presenter/Author: April Brown
Advisor(s): A. Nayena Blankson, PhD

Public Health, Read Hall Gymnasium

2:30 PM

- PUB-P2 An Investigation of the Correlation between Tuberculosis Infection Rates and Lifestyle in the Aymara (Arica, Chile)
Presenter/Author: Samantha Kelly
Advisor(s): Yonas Tekle, PhD
- PUB-P4 A Study of Influenza Vaccination Rates at HBCUs
Presenter/Author: Gabrielle Richardson
Advisor(s): Yonas Tekle, PhD
- PUB-P6 Hematuria Referral Guidelines: Is There Room for Improvement?
Presenter/Author: Ticara Wicks
Advisor(s): Rosalind Gregory Bass, MD, MS, Tracy Downs, MD (University of Wisconsin-Madison)
- PUB-P8 The Impact of Visitation Frequency on the Subjective Well-Being of Community-Based Geriatric Populations
Presenter/Author: Andrea Brown
Advisor(s): Rosalind Gregory Bass, MD, MS
- PUB-P10 HIV/AIDS Stigma Influence on Cape Town, South Africa Community
Presenter/Author: Kayla Lane
Advisor(s): Bruce Wade, PhD
- PUB-P12 Media Attitudes, Alcohol and Marijuana Sexual Expectancies among Male Adolescent Detainees
Presenter/Author: Alexandra Brown
Advisor(s): Karen Brakke, PhD, Rhonda Holliday, PhD (Morehouse School of Medicine)