

Annual Research Day 2022

<i>Location/ Time</i>	Student Presenter(s)	Presentation Category	Title	Mentor
Cosby Auditorium				
8:50-9:05 AM	Gabrielle Campbell	Music- Performance	How Film Can Enhance the Interpretation of Music	Dr. Kevin Johnson
Giles 106 <i>(Moderators: Dr. Andrea Lewis/Ramon Lee)</i>				
9:15- 9:30 AM	Ase Muata-King, Alana Burrell	Computer & Information Sciences (CIS)	Democratizing Workforce Training using VR	Dr. Jerry Volcy
9:40- 9:55 AM	Nikira Walter	Mathematics (MAT)	Understanding Chaos: Dynamics of the Doubling Map	Dr. Yewande Olubummo
10:05 - 10:20 AM	Asja Woodard	Health Sciences (HSC)	Estrogen as a Potential Therapeutic to HIV Associated Neurocognitive Disorders (HAND)	Dr. Kimberly Williams
10:30- 10:45 AM	Madison Green	Art & Visual Culture (AVC)	'what keeps me together...tears me apart'	Prof. Kelly Mitchell

Giles 109 (Moderators: Dr. Sequoia Maner/Dr. Bernida Webb-Binder)				
9:15- 9:30 AM	Mika Campbell, Randal Burks, Summer Clemmons	Biology (BIO)	The Effect of the M718I Mutation of the MSH2 protein on DNA Mismatch Repair using a yeast model	Dr. Mentewab Ayalew
9:40- 9:55 AM	Dayo Adebawo	Innovation/ Interdisciplinary (IND)	BlkX	Prof. Jaycee Holmes
10:05 - 10:20 AM	Kirin Turner	History (HIS)	Mapping Gendered Spaces: A History of Housing in Kampala, 1860 to 1955	Dr. Catherine A.J. Odari
10:30- 10:45 AM				
Giles 110 (Moderators: Dr. Sandra Patterson /Dr. Danielle Dickens)				
9:15- 9:30 AM	Genesis Azor	Art & Visual Culture (AVC)	Researching Identity through Documentary Film	Prof. Ouida Washington
9:40- 9:55 AM	Lena Anglin	Political Science (POL)	The Efficaciousness of Representational Politics	Dr. Unislawa Williams
10:05 - 10:20 AM	Annaya Baynes	English (ENG)	The Nonbinary Changeling: An Analysis of an Emerging Trope in Nonbinary Representation	Dr. Nikki Lane
10:30- 10:45 AM	Maya Blasingame	Biology (BIO)	The Unknown World of <i>Pessonella</i> sp.: A Whole Genome Assembly and Annotation of the Diverse Amoebozoa species.	Dr. Yonas Tekle
Cosby LL27 (Moderators: Felicia Deas/Tracy Curry Owens)				
9:15- 9:30 AM	Tyler LaRoche, Davine Brooks, Azeb Pickett	Political Science (POL)	Data Science of Research Publication	Dr. Unislawa Williams

9:40- 9:55 AM	Kristen Bailey	History (HIS)	Fallen Enterprises:	Dr. India Nichols
10:05 - 10:20 AM	Winter Jones	Innovation/ Interdisciplinary (IND)	A Choice to Build a Rocket: An Experiment with Paraffins	Dr. Jerry Volcy
10:30- 10:45 AM	Shaleenah McGruder	Political Science (POL)	Not the First nor the Second: What made Stacey Abrams so Effective?	Dr. Unislawa Williams
Cosby LL28 <i>(Moderators: Dana Pride Jones/Shantoria Vance)</i>				
9:15- 9:30 AM	Diop Russell	English (ENG)	“It’s Time for Me to Sing My Song:” The Watermelon Woman, Pose, and the Black Femme’s Uncaptured Potential	Dr. Rebecca Kumar
9:40- 9:55 AM	DeAunna Daniels	Chemistry (CHE)	Analysis of the Methane CH-Stretch Overtone Using Infrared High Resolution Coherent Two-Dimensional Spectroscopy	Dr. Peter C. Chen
10:05 - 10:20 AM				
10:30- 10:45 AM	Cheyenne Henry, Adia Haynes	Innovation/ Interdisciplinary (IND)	Edquity	Dr. Jerry Volcy
Cosby LL32 <i>(Moderators: Helene Moon/Kitana Woodruff)</i>				
9:15- 9:30 AM	Kirin Turner	Environmental & Health Sciences (EHS)	Atlanta Water Quality and Insecurity: Covid, Housing Insecurity and Activism	Dr. Nirajan Dhakal
9:40- 9:55 AM	Serena Echols, Kirin Turner	Environmental & Health Sciences (EHS)	Green Placekeeping in Southwest Atlanta	Dr. Na'Taki Jelks
10:05 - 10:20 AM	Sophia Ellis	Biology (BIO)	Metal Uptake in OCT6 Mutants of Arabidopsis Thaliana	Dr. Mentewab Ayalew

10:30- 10:45 AM	Taylor Talley	Chemistry (CHE)	Polymer-MOC Porosity via RAFT Polymerization	Dr. Jeremiah A. Johnson, Dr. Michelle K. Gaines, Mr. Matthew Pearson
Cosby 103 <i>(Moderators: Dr. Armita Davarpanah/Dr. Daniel Ashley)</i>				
9:15- 9:30 AM	Ishlah Muhammad	History (HIS)	Christianity, Colonialism, and the Kikuyu: The Impact of the British Rule on Gender Relations amongst the Kikuyu Community of Kenya, 1900-1963.	Dr. Catherine A.J. Odari
9:40- 9:55 AM	Ashley Hodo	Political Science (POL)	The Rise of Jim Crow 2.0: Voter Suppression Tactics and Its Influence on Black Voter Participation	Dr. Unislawa Williams
10:05 - 10:20 AM	Tyler LaRoche	Theater & Performance (THE-PERF)	Fever Dream	Dr. Kathleen Schaag
10:30- 10:45 AM				
Cosby 104 <i>(Moderators: Tamika Williamson/Dr. Davita Camp)</i>				
9:15- 9:30 AM	Quintera Knight	Biology (BIO)	Role of TIMP-2 in Prostate Cancer Migration Through Infiltrating B Cells	Crystal Byrd, Dr. Geou-Yarh Liou
9:40- 9:55 AM	Princess Sampson	Computer & Information Sciences (CIS)	Deep Learning Identification of Black Natural Hairstyles	Dr. Erdi Kara

10:05 - 10:20 AM	Aleisha Sawyer	Economics (ECO)	The Economic Dilemma of China's Investments in African Economies	Dr. Romie Tribble
10:30- 10:45 AM	Kenneth Lewis	Theater & Performance (THE-PERF)	'Manual 2 Manhood'	Dr. Kathleen Schaag
Cosby 214 <i>(Moderators: Dr. Nydia Blass Boyd/ Dr. Shanina Sanders Johnson)</i>				
9:15- 9:30 AM	Gabrielle Scales	Biology (BIO)	Appreciating Diversity: Investigation of Actin Gene Diversity Among Amoebae Species	Dr. Yonas Tekle
9:40- 9:55 AM	Amaia Calhoun, Gabriella Lee	Economics (ECO)	Racial Disparities in the Impact of Outreach on Retirement Preparedness	Dr. Angelino Viceisza
10:05 - 10:20 AM	Ciara Franklin	Art & Visual Culture (AVC)	The Intersex Gambit	Prof. Anjanette Levert
10:30- 10:45 AM	Jordan Taylor	Sociology (SOC)	"Time is of the Essence": Exploring Physicians' Time Allocation as Possible Explanatory Factor for Racial Disparities in Maternal Mortality Rates	Dr. Celeste N. Lee
Cosby 329 <i>(Moderators: Dr. Alisa Griffin/Dr. Zhengbin Lu)</i>				
9:15- 9:30 AM	Ekua Beneman	Chemistry (CHE)	Catalytic Living Ring Opening Metathesis Polymerization	Dr. Jeremiah Johnson
9:40- 9:55 AM	McKenzie Gillison	English (ENG)	Black Girls in Trader Joe's	Dr. Patricia Ventura

10:05 - 10:20 AM	Erin Ojeda	Computer & Information Sciences (CIS)	The Intersection between Fashion and Machine Learning	Dr. Erdi Kara
10:30- 10:45 AM	Kathleen Bostick	Biology (BIO)	The impact of aminoglycoside exposure on the soil and plant root-associated microbiota	Prof. Jessica Coates
Science Ctr. 119 <i>(Moderators: Dr. Iretta Kearsse/Brandi Reese)</i>				
9:15- 9:30 AM	Alana Edmond	Political Science (POL)	Separate But Not Equal: Do Districts That Stress More Progressive Practices Fund Schools More Equitably Than Those That Do Not?	Dr. Unislawa Williams
9:40- 9:55 AM	Kelsea Jackson	Psychology (PSY)	The Influence of Parental Attachment and Generational Status on the Career Self-Efficacy of Undergraduate Black Women in STEM Disciplines	Dr. Karen Brakke and Dr. Nayena Blankson
10:05 - 10:20 AM	Laila Hayes	Mathematics (MAT)	Recognition of Skin Diseases on Black and Brown Skin Via Neural Networks	Dr. Erdi Kara
10:30- 10:45 AM	Raven Randall	Food Studies (FDS)/ Documentary Film Making	Familiar Recipe	Prof. Anjanette Levert, Dr. Nazia Mojib
Science Ctr. 130 <i>(Moderators: Dr. Andrea Johnson/Janae Bryant)</i>				
9:15- 9:30 AM	Lauren Dones, Masara Greenidge, Micah Howard	Biology (BIO)	3D-Printed Ovine Brain Model	Dr. Michael McGinnis

9:40- 9:55 AM	Anetha Evans	Innovation/ Interdisciplinary (IND)	Elastic Havoc!	Dr. Jerry Volcy, Mr. Phillip Thompson, Prof. Jaycee Holmes
10:05 - 10:20 AM	Kayla Taylor	Computer & Information Sciences (CIS)	Bio: Data-Driven Evolutionary Analysis of ACE2 Receptor in Single-Celled Eukaryotes	Dr. Nazia Mojib
10:30- 10:45 AM	Melanie De La Rosa, Gabrielle Strawn	Economics (ECO)	The Impact of Comparison Websites and Shopping on the Remittance Industry	Dr. Angelino Viceisza
Science Ctr. 145 <i>(Moderators: Dr. Elethia Tillman/Dr. Nazia Mojib)</i>				
9:15- 9:30 AM	Jordan Barrant	Comparative Women's Studies (CWS)	Sisters and Spirit: Black Lesbian Oral Histories	Dr. Beverly Guy- Sheftall and Dr. Gloria Wade Gayles
9:40- 9:55 AM	Jasmine Pearson	Environmental & Health Sciences (EHS)	Perceptions Versus Reality of Individuals Knowledge and attitudes on Food Waste and Sustainability	Dr. Anna Powolny
10:05 - 10:20 AM	Cicely Kelly	Dance and Performance Choreography (DAN-PERF)	That's My Phenotype!	Prof T. Lang, MFA
10:30- 10:45 AM	Madeline Brown	Innovation/ Interdisciplinary (IND)	Tasty Racing	Dr. Jerry Volcy
Science Ctr. 232 <i>(Moderators: Elizabeth Henry/Dr. Jaray Mazique)</i>				
9:15- 9:30 AM	Blanca Burch	Innovation/ Interdisciplinary (IND)	Culturally Kreative: A Unicorn in the Making	Prof. Jaycee Holmes

9:40- 9:55 AM	Ayiana Davis Polen	Music (MUS)	Inequity of Music Education	Dr. Hyunjung Chung
10:05 - 10:20 AM	Jillian Jackson	Political Science (POL)	By Chance or Systemic? :America's Residential Segregation and Related Environmental Injustices.	Dr. Unislawa Williams
10:30- 10:45 AM	Mika Campbell	Biology (BIO)	Analyzing the Effect of Citrate and Kanamycin on FSD1 and CSD1 in Arabidopsis thaliana plants using Real - Time PCR Analysis	Dr. Mentewab Ayalew