Office of Undergraduate Research and Inquiry

2020 Symposium Winners

Basic Sciences I

1st Place  Zoey Bowers, College of Science
Faculty Mentors: James Kumi-Diaka and Lyndon West
Presentation Title: *Therapeutic Potential of the Marine Natural Product, Pseudopterosin H, on PC-3 Prostate Cancer Cells*

2nd Place  Marianthi Karadakis, College of Science
Faculty Mentor: Kate Detwiler
Presentation Title: *Conservation Genetics of Cercopithecus dryas in the Central Congo Basin*

Basic Sciences II

1st Place  Elizabeth May, College of Science
Faculty Mentor: Diane Baronas-Lowell
Presentation Title: *Analyzing the Antibiotic Activities of a Novel Depsipeptide KTG3 and Two Novel Bacterial Strains*

2nd Place  Alaina Tillman, College of Science
Faculty Mentor: Randy Blakely
Presentation Title: *Investigation of Serotonergic IL-1R1 in Mediating LPS-Induced Neuronal Activation*

Behavioral, Educational & Social Sciences

1st Place (Tie)  Emma Szabo, College of Design and Social Inquiry
Faculty Mentors: Renat Shaykhutdinov and Rosemary Rahill
Presentation Title: *Shifting State Policies Towards Ethnic Diversity*

1st Place (Tie)  Oriana Williams, College of Science
Faculty Mentor: Jack Scott
Presentation Title: *A Survey of Law Enforcement Officers and their Knowledge of, and Contacts with, Persons with Autism Spectrum Disorder*
Behavioral, Educational & Social Sciences (continued)

2nd Place  Michael Evrard-Vescio, College of Arts and Letters  
Faculty Mentor: Dukhong Kim  
Presentation Title: Does Negative Political Advertising have Negative Impacts on Youth Voter Turnout?

Business, Marketing, Finance & Public Administration

1st Place (Tie) Ashley Alvarez, College of Business  
Co-presenter: Andrew Irizarry  
Faculty Mentor: C.M. Sashi  
Presentation Title: Sprint and T-Mobile Merger

1st Place (Tie) Juan Torres, College of Business  
Co-presenter: Daniel Ortiz  
Faculty Mentors: Monica Escaleras and Eric Levy  
Presentation Title: The Great Dollar Divide

2nd Place (Tie) Prema Dayal, College of Business  
Co-presenter: Tanvi Vaidya  
Faculty Mentors: Monica Escaleras and Eric Levy  
Presentation Title: Alienating the Alien

2nd Place (Tie) Paloma Rossano, College of Business  
Co-presenter: Lisa Campion  
Faculty Mentors: Monica Escaleras and Eric Levy  
Presentation Title: Varying Incomes, Varying Overpopulation Perceptions

Engineering

1st Place  Victor Zauder, College of Engineering and Computer Science  
Co-presenters: Alexis Base, Isaiah Philippe, Miguel Cruz Santos, and Tahj Laguerre  
Faculty Mentor: Elan Barenholtz  
Presentation Title: Lionfish Solutions

2nd Place  Tahir Farrukh, College of Engineering and Computer Science  
Co-presenter: Mohammadhassan Kavosi  
Faculty Mentor: Myeongsub Kim  
Presentation Title: Algae Separation Techniques for Bio-Fuel Purposes
Environmental, Ecological & Marine Sciences

1st Place  Delanie Kirwan, College of Science
Faculty Mentor: Marianne Porter
Presentation Title: *Predator-Prey Swimming Kinematics of Sphyrna mokarran and Carcharhinus Limbatus*

2nd Place  Alexander Shaw, College of Engineering and Computer Science
Co-presenter: Abhishek Ratanpara
Faculty Mentor: Myeongsub Kim
Presentation Title: *Utilization of Ocean Water and Nickel Nanoparticles for CO2 Capture via Amine Scrubbing*

Health & Medical Sciences

1st Place  Genesis Acosta Laguer, College of Science
Co-presenters: Faika Amrin, Javoncia Betty, and Magdalah Philemy
Faculty Mentor: James Kumi-Diaka
Presentation Title: *Investigating the Anticancer Effects of Puromycin and Blasticidin Antibiotics on Prostate Cancer Cells*

2nd Place  Gary Drotleff, College of Science
Faculty Mentors: Gregg Fields and Anna Knapinska
Presentation Title: *Effects of MT1-MMP in 3D Cancer Models*

Music, Art, Literature, Theater, History & Philosophy

1st Place  Alyssa Payne, Honors College
Faculty Mentor: Carmen Cañete Quesada
Presentation Title: *Personal Identity within Mariano Vinuales’s Literature: Family, Politics, and Isolation Amidst the Spanish Civil War (1936-1939)*

2nd Place  Jessica Olivier, College of Arts and Letters
Faculty Mentor: Brian McConnell
Presentation Title: *Analysis of Archaeological Remains at Tre Portelle (Mineo, Sicily)*