

## Office of Undergraduate Research and Inquiry

### 2020 Symposium Winners

#### Basic Sciences I

- 1<sup>st</sup> Place Zoey Bowers, College of Science  
Faculty Mentors: James KumDiaka and Lyndon West  
Presentation Title: Therapeutic Potential of the Marine Natural Product, Pseudopterosin H, on PC Prostate Cancer Cells
- 2<sup>nd</sup> 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

- 1<sup>st</sup> Place Elizabeth May, College of Science  
Faculty Mentor: Diane Barons Lowell  
Presentation Title: Analyzing the Antibiotic Activities of a Novel Depsipeptide KTG3 and Two Novel Bacterial Strains
- 2<sup>nd</sup> Place Alaina Tillman, College of Science  
Faculty Mentor: Randy Blakely  
Presentation Title: Investigation of Serotonergic 5-HT<sub>1</sub> in Mediating LPS-Induced Neuronal Activation

#### Behavioral, Educational & Social Sciences

- 1<sup>st</sup> 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
- 1<sup>st</sup> 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)**

2<sup>nd</sup> Place Michael EvrardVesciq College ofArts andLetters  
Faculty Mentor: Dukhong Kim  
Presentation Title: Does Negative Political Advertising have Negative Impacts on Youth Voter Turnout?

### **Business, Marketing, Finance & Public Administration**

1<sup>st</sup> Place (Tie)Ashley Alvarez, College of Business  
Co-presenter: Andrew Irizarry  
Faculty Mentor C.M. Sashi  
Presentation Title: Sprint andMobile Merger

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

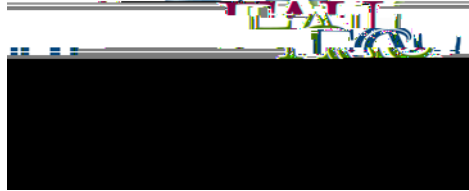
2<sup>nd</sup> Place (Tie)Prema Dayal, College of Business  
Co-presenter: Tanvi Vaidya  
Faculty Mentos: Monica Escaleraand Eric Levy  
Presentation Title: Alienating the Alien

2<sup>nd</sup> Place (Tie)Paloma Rossano, College of Business  
Co-presenter: Lisa Champion  
Faculty Mentos: Monica Escaleraand Eric Levy  
Presentation Title: Varying Incomes, Varying Overpopulation Perceptions

### **Engineering**

1<sup>st</sup> 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

2<sup>nd</sup> Place Tahir Farrukh, College of Engineering and Computer Science  
Co-presenter: Mohammadhassan Kavosi  
Faculty Mentor Myeongsub Kim  
Presentation Title: Algae Separation Techniques for Bio-Purposes



### **Environmental, Ecological & Marine Sciences**

- 1<sup>st</sup> Place Delanie Kirwan, College of Science  
Faculty Mentor Marianne Porter  
Presentation Title: Predator-Prey Swimming Kinematics of *Sphyrna mokarran* and *Carcharhinus limbatus*
- 2<sup>nd</sup> Place Alexander Shaw, College of Engineering and Computer Science  
Co-presenter Abhishek Ratanpara  
Faculty Mentor: Myeongsu Kim  
Presentation Title: Utilization of Ocean Water and Nickel Nanoparticles for CO<sub>2</sub> Capture via Amine Scrubbing

### **Health & Medical Sciences**

- 1<sup>st</sup> Place Genesis Acosta Laguna, College of Science  
Co-presenters Faika Ambrin, Javoncia Betty, and Magdalah Philemy  
Faculty Mentor James KumDiaka  
Presentation Title: Investigating the Anticancer Effects of Puromycin and Blastidicine Antibiotics on Prostate Cancer Cells
- 2<sup>nd</sup> Place Gary Drotleff, College of Science  
Faculty Mentors: Gregg Fields and Anna Knapinska  
Presentation Title: Effects of MMP in 3D Cancer Models

**Faculty Mentor**