Office of Undergraduate Research and Inquiry

2022 Oral/Performing Arts Symposium Winners

Basic Sciences

1st Place  Brianne Jacquet-Cribe and Nicholas Pizzo, Harriet L. Wilkes Honors College
Faculty Mentor: Tanja Godenschwege, Charles E. Schmidt College of Science
Presentation Title: The Role of the Drosophila Attracting Homolog in Insulin Signaling

2nd Place  Jo Laura, Charles E. Schmidt College of Science
Faculty Mentor: Vivian Merk, Charles E. Schmidt College of Science
Presentation Title: Development and Characterization of Chitin-Mineral Hybrid Materials

Behavioral, Educational & Social Sciences

1st Place  Robin Jimenez-Bean, College of Social Work and Criminal Justice
Faculty Mentor: Morgan Cooley, College of Social Work and Criminal Justice
Presentation Title: Preservice Training Perspectives Among Florida Child Welfare Workers

2nd Place  Sydney Richner, Dorothy F. Schmidt College of Arts and Letters
Faculty Mentor: Wendy Hinshaw, Dorothy F. Schmidt College of Arts and Letters
Presentation Title: Establishing Criminal Background Questions on University Applications as Harmful to Justice-Involved Applicants and Scoring State University System of Florida Universities' Diction

Business, Marketing, Finance & Public Administration

1st Place  Arianna Dalfonso, Elizabeth Mulvaney, Marcus Walker, Samantha Rodriguez, and Valeria Tineo, College of Business
Faculty Mentor: Eileen Acello, College of Business
Presentation Title: Amazon Prime Student Case Study: Targeting Generation Z

2nd Place  Maria F. Garcia Morillo and Scarlett Tischer, Charles E. Schmidt College of Science
Faculty Mentors: Neeraj Puro, Charles E. Schmidt College of Science
Scott Feyereisen, College of Business
Presentation Title: CEO Compensation and Quality Outcomes: Exploring Trade-offs in US Non-Profit Hospitals
Engineering

1st Place  Vitas Diktanas, Christopher Cadenas, Gregory Henry, Kevin Munoz, and Omar Odeh, College of Engineering and Computer Science  
Faculty Mentors: Oscar Curet, College of Engineering and Computer Science  
Charles Quincy, Kennedy Space Center/NASA  
Presentation Title: Rotational Plant Growth or R.P.G. is a Novel Method for Growing Food in Multi-gravitational Environments to Support Long Term Extra-planetary Missions

2nd Place  Dominique Bethel, College of Engineering and Computer Science  
Faculty Mentor: Hongbo Su, College of Engineering and Computer Science  
Presentation Title: Developing an IoT Sensor Network for Air Quality Monitoring

Environmental, Ecological & Marine Sciences

1st Place  Joseph Alexander, Charles E. Schmidt College of Science  
Faculty Mentors: Marianne Porter, Charles E. Schmidt College of Science  
Madeleine Hagood, Charles E. Schmidt College of Science  
Presentation Title: Sexually Dimorphic Mechanical Properties of Shark Skin

2nd Place  Valentina Garcia Nunes, Harriet L. Wilkes Honors College  
Faculty Mentor: Andia Chaves Fonnera, Harriet L. Wilkes Honors College  
Presentation Title: Reproductive Output in Five Brooding Sponge Species

Health & Medical Sciences

1st Place  Ivet Boneva, Charles E. Schmidt College of Science  
Faculty Mentor: Mare Cudic, Charles E. Schmidt College of Science  
Presentation Title: Determination of Isokinetic Ratios for MUC1-Derived Synthetic Glycopeptide Combinatorial Libraries

2nd Place  Sara Thomas, Charles E. Schmidt College of Science  
Faculty Mentor: Mahyar Nouri-Shirazi, Charles E. Schmidt College of Medicine  
Presentation Title: Culture Conditions for the Recall of Preexisting Memory B and T cells to Childhood Vaccine Antigens within Peripheral Blood
Music, Art, Literature, Theater, History & Philosophy

1st Place  Brooke Bailey, Dorothy F. Schmidt College of Arts and Letters  
**Faculty Mentors:** Carla Thomas, Dorothy F. Schmidt College of Arts and Letters  
Regis Fox, Dorothy F. Schmidt College of Arts and Letters  
**Presentation Title:** Madwomen Tell No Tales: The Feminine Neurotic as a Reclamation of Power and Complexity in the Era of the “Batshit Bitch”

2nd Place  Autumn Bryan, Dorothy F. Schmidt College of Arts and Letters  
**Faculty Mentors:** Carla Thomas, Dorothy F. Schmidt College of Arts and Letters  
Stacey Balkan, Dorothy F. Schmidt College of Arts and Letters  
**Presentation Title:** Escaping Spectacle through Animal’s Eyes: Victims of Violent Voyeurism in “Literary Humanitarianism”