



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 Fonnegra, 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”*