Office of Undergraduate Research and Inquiry

2021 Symposium Winners

Basic Sciences

1st Place  Angelica Bodine, College of Science
Faculty Mentors: Randy Blakely
Presentation Title: *Determination of Region-Specific, Sex-Biased Dopamine Neuron Transcripts Utilizing RiboTag Mice*

2nd Place  Diana Herrera, College of Science
Faculty Mentor: Maciej Stawikowski
Presentation Title: *Development and Optimization of Fluorescent Cholesterol Probes*

Behavioral, Educational & Social Sciences

1st Place  Matthew Patterson, College of Social Work and Criminal Justice
Faculty Mentors: Dani Groton
Presentation Title: *A PhotoVoice Study on the Lived-Experience of Students Attending College While Homeless*

2nd Place  Erika Stone, College of Social Work and Criminal Justice
Faculty Mentor: Seth Fallik
Presentation Title: *Revenge porn: A Critical Content Analysis of the Nation’s Laws and Reflection Upon Social Science Research*

Business, Marketing, Finance & Public Administration

1st Place  Estefania Palmero-Sigal, College of Business
Co-presenters: Enrique Barrios, Joi Dean, Sophia Romagosa
Faculty Mentor: Eileen Acello
Presentation Title: *PODS Case Study: Targeting Millennials, Gen Z, and HR Professionals*

2nd Place  Daniela Rivera-Cintrón
Faculty Mentors: Monica Escaleras and Eric Levy
Presentation Title: *The American Food System: Food for Thought?*
Cross Disciplinary

1st Place  Haliston Lake, College of Arts and Letters  
Faculty Mentor: Kristin Shockley  
Presentation Title: Gender and Violence in Africa

2nd Place  Starr Warner, College of Science  
Faculty Mentor: Lilah Besser  
Presentation Title: Urban Design Perspective on the Influence of Built Environments on Brain Health: A Scoping Review

Engineering

1st Place  Robert Gaudreau, College of Engineering and Computer Science  
Co-presenters: Alexander Gaudreau  
Faculty Mentor: Tsung-Chow Su  
Presentation Title: Reverse Osmosis Manual Emergency Pump (RO MEP)

2nd Place  Arman Alexis, College of Engineering and Computer Science  
Faculty Mentor: Tricia Meredith  
Presentation Title: Utilizing Virtual Reality to Augment the Efficiency of Analyzing CT Scanned Organisms

Environmental, Ecological & Marine Sciences

1st Place  Mallory Thomas, College of Engineering and Computer Science  
Co-Presenter: Numana Luqman & Alexander Shaw  
Faculty Mentor: Myeongsub Kim  
Presentation Title: Utilization of Waste Concrete and Natural Seawater for CO2 Capture

2nd Place  Angel Rodgers, College of Science  
Faculty Mentor: Jeanette Wyneken  
Presentation Title: Testing the Hatching Synchrony Hypothesis in Green Turtles, Chelonia mydas —Thermal and Mechanical Effects

Health & Medical Sciences

1st Place  Imtisal Imran, Florida Atlantic University High School  
Faculty Mentor: Mahyar Nouri-Shirazi  
Presentation Title: Assessment of Preexisting Immunity to Childhood Immunizations within Peripheral Blood
2nd Place Claudia E. Gonzalez, College of Science
Faculty Mentors: Bethany Stanhope and Evelyn Frazier
Presentation Title: The Melanocytic Effects of hipk2 CRISPR Mutation

Music, Art, Literature, Theater, History & Philosophy I

1st Place Sarah Bagnall, College of Arts and Letters
Faculty Mentor: Timothy Miller
Presentation Title: Postcolonial Translation Theory and the Ethics of Translation

2nd Place(Tie) Maiya Xirinachs, College of Arts and Letters
Faculty Mentor: Timothy Miller
Presentation Title: Playing with Old Norse

2nd Place(Tie) Tristan Stinchcomb, Honors College
Faculty Mentor: Michael Harrawood
Presentation Title: An Analysis of Harry Crews' Use of Bodies in the Works "Body" and "Scar Lover"

Music, Art, Literature, Theater, History & Philosophy II

1st Place Tristan Sheridan, College of Arts and Letters
Faculty Mentor: Timothy Miller
Presentation Title: Interactivity and Unsettling Agency in Fallen Hero

2nd Place Gaby Esquivel, College of Arts and Letters
Faculty Mentor: Michael Zager
Presentation Title: Costa Rica: The Inspiration for Songs