

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*