

2022 Summer Undergraduate Research Fellowship (SURF) Awardees

- Faculty Mentor: Dr. Justin P. White, Dorothy F. Schmidt College of Arts and Letters*
Student Fellow: Ciara O'Neill
Project: Language Frequency: Computer-mediated Trials to Criteria of Spanish Syntax
- Faculty Mentor: Dr. Sofia Johan, College of Business*
Student Fellow: Daniel Hric
Project: Private Equity Investment in Sustainability
- Faculty Mentor: Dr. Cristobal Salinas, College of Education*
Student Fellow: Tamara Penna
Project: The Experiences of Secretaries in American Higher Education
- Faculty Mentor: Dr. Siddhartha Verma, College of Engineering and Computer Science*
Student Fellow: Louis Devito
Project: Using Deep Learning techniques to discover the link between intermittency in scalar dissipation rate and energy dissipation rate in turbulent flows
- Faculty Mentor: Dr. Carmen Cañete Quesada, Harriet L. Wilkes Honors College*
Student Fellow: Warren Yee
Project: The Gypsy Community During the Spanish Civil War (1936-1939) and Under Francisco Franco's Dictatorship (1939-1975)
- Faculty Mentors: Dr. Daniel Nemeth and Dr. Ning Quan, Charles E. Schmidt College of Medicine*
Student Fellow: Christopher Vargas
Project: Analysis of novel Interleukin-1 induced astrocyte modulation of neuronal activity
- Faculty Mentor: Dr. Safiya George, Christine E. Lynn College of Nursing*
Student Fellow: Megan Thurlow
Project: Addressing HIV and COVID-19 Questions through Nursing Research Lenses
- Faculty Mentor: Dr. Beth A. Pratt, Christine E. Lynn College of Nursing*
Student Fellow: Alyssa Cusumano
Project: Assessment of Biopsychosocial Indicators Linked to Canine Intervention Treatment Response in Veterans with Post-traumatic Stress Symptoms
- Faculty Mentor: Dr. Shailaja Allani, Charles E. Schmidt College of Science*
Student Fellow: Michelle Gras
Project: Reducing toxicity in normal cells and sensitizing cancer cells to doxorubicin(dox) by using a combination therapy of sulindac and dox
- Faculty Mentor: Dr. Predrag Cudic, Charles E. Schmidt College of Science*
Student Fellow: Lucas Costa
Project: Synthesis and characterization of cyclic peptide-based bacterial biofilm inhibitors

2022 SURF Awardees continued

11. *Faculty Mentor: Dr. Nwadiuto Esiobu, Charles E. Schmidt College of Science*
Student Fellow: Mahi Barot
Project: Changes in the gut microbiomes of mice treated with algal toxin - microcystin and sulforaphane as a potential remedy

12. *Faculty Mentor: Dr. Gregg Fields, Charles E. Schmidt College of Science*
Student Fellow: Nihasika Gopi
Project: Elucidating the role of MMP-14 activity on extracellular and intracellular function in pancreatic cancer

13. *Faculty Mentor: Dr. Evelyn Frazier, Charles E. Schmidt College of Science*
Student Fellow: Rachel Starck
Project: Demographic Profile of Gopher Tortoise population the FAU Preserve - 10 years later

14. *Faculty Mentor: Dr. Sarah Milton, Charles E. Schmidt College of Science*
Student Fellow: Isabella Donadio Pizzolato
Project: Surveying Antibiotic Resistance of Gram-Negative Bacteria Isolated from Green Sea Turtles (*Chelonia mydas*) and Loggerhead Sea Turtles (*Caretta caretta*) of Florida

15. *Faculty Mentor: Dr. Marianne Porter, Charles E. Schmidt College of Science*
Student Fellow: Maria Uribe-Mejia
Project: Morphology of intervertebral joints in shark vertebral columns