2022 Summer Undergraduate Research Fellowship (SURF) Awardees

1. **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

2. **Faculty Mentor:** Dr. Sofia Johan, College of Business  
   Student Fellow: Daniel Hric  
   Project: Private Equity Investment in Sustainability

3. **Faculty Mentor:** Dr. Cristobal Salinas, College of Education  
   Student Fellow: Tamara Penna  
   Project: The Experiences of Secretaries in American Higher Education

4. **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

5. **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)

6. **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

7. **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

8. **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

9. **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

10. **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