

## 2023 Summer Undergraduate Research Fellowship (SURF) Awardees

- Faculty Mentor: Meredith Ellis, Dorothy F. Schmidt College of Arts and Letters*  
Student Fellow: August Stone  
Project: An Osteobiography of a Skeleton from Palike, Sicily
- Faculty Mentor: Yolanda Gamboa, Dorothy F. Schmidt College of Arts and Letters*  
Student Fellow: Florinda Cano  
Project: Morisca, Mother, Ritualist: Sculpting a Women's History of "Las Fadas" Through Ritual Analysis and Reconceptualization
- Faculty Mentor: Neeraj Puro, College of Business*  
Student Fellow: Emily Seigelman  
Project: Health Equity as a Guiding Theme in Hospitals' Community Engagement to address Social Determinants of Health
- Faculty Mentor: Michael DeDonno, College of Education*  
Student Fellow: Alexis Crowder  
Project: The influence of working memory on medical resident performance
- Faculty Mentor: Masoud Jahandar Lashaki, College of Engineering and Computer Science*  
Student Fellow: Laura Rojas  
Project: Developing Materials for Direct Carbon Dioxide Capture from Ambient Air
- Faculty Mentor: Myeongsu (Mike) Kim, College of Engineering and Computer Science*  
Student Fellow: Sofia Wiskoff  
Project: Seawater-Concrete Electrolysis for Catalytic CO<sub>2</sub> Capture and Hydrogen Production
- Faculty Mentor: Andia Chaves Fonnegra, Harriet L. Wilkes Honors College*  
Student Fellow: Camila Rimoldi Ibanez  
Project: Sound Emission and Perception in Corals
- Faculty Mentor: Ceylan Isgor, Charles E. Schmidt College of Medicine*  
Student Fellow: Arthi Khan  
Project: Temporal Ontogeny of Epilepsy in a Vertebrate Animal Model
- Faculty Mentor: Julie Pilitsis, Charles E. Schmidt College of Medicine*  
Student Fellow: Maria Merlano Gomez  
Project: Local field potentials as a predictor for optimal DBS contact for Essential Tremor and tremor-dominant Parkinson's disease
- Faculty Mentor: Christine Toledo, Christine E. Lynn College of Nursing*  
Student Fellow: Theodora Tertus  
Project: Breastfeeding Practices and Maternal Mental Health among Postpartum Women Living in South Florida during the Era of COVID-19
- Faculty Mentor: Rindy Anderson, Charles E. Schmidt College of Science*  
Student Fellow: Joseph Swaress  
Project: Testing for changes in fecal corticosterone, cognitive performance, and gut microbiome structure in response to social isolation in a songbird

**2023 Summer Undergraduate Research Fellowship (SURF) Awardees – continued**

12. *Faculty Mentor: Mare Cudic, Charles E. Schmidt College of Science*  
Student Fellow: Gustavo Mundim  
Project: Deciphering the role of APP O-glycosylation in the pathogenesis of Alzheimer's disease
13. *Faculty Mentor: Kevin Darby, Charles E. Schmidt College of Science*  
Student Fellow: Isabella Klopukh  
Project: Mechanisms of metacognitive confidence in memory-based decision making
14. *Faculty Mentor: Evelyn Frazier, Charles E. Schmidt College of Science*  
Student Fellow: Martha Torres  
Project: Reproduction in gopher tortoises at the FAU preserve
15. *Faculty Mentor: Vivian Merk, Charles E. Schmidt College of Science*  
Student Fellow: Diannelle Lacambra-Rivera  
Project: Micron-scale chemistry and mesoscale organization of aragonite nanocrystals in stony coral tissue loss disease lesions
16. *Faculty Mentor: Jason Mireles-James, Charles E. Schmidt College of Science*  
Student Fellow: Adam Zaidan  
Project: Dynamics of compact infinite dimensional delay maps
17. *Faculty Mentors: Aliza Sloan and Scott Kelso, Charles E. Schmidt College of Science*  
Student Fellow: Carter Sale  
Project: Effects of visual perception on bimanual coordination
18. *Faculty Mentor: Robert Stackman, Jr, Charles E. Schmidt College of Science*  
Student Fellow: Marli Knox  
Project: MPP2 as a target for improving long-term memory in aging and Alzheimer's disease
19. *Faculty Mentor: Maciej Stawikowski, Charles E. Schmidt College of Science*  
Student Fellow: Nicholas McInchak  
Project: Developing better fluorescent cholesterol probes
20. *Faculty Mentor: Carmen Varela, Charles E. Schmidt College of Science*  
Student Fellow: Paige DeForest  
Project: The impact of auditory stimulation on the reactivation and formation of memories
21. *Faculty Mentor: Ilyas Yildirim, Charles E. Schmidt College of Science*  
Student Fellow: Adam Burjan  
Project: In silico optimization of lead compounds targeting RNA CUG repeats causing Myotonic Dystrophy Type 1
22. *Faculty Mentor: Xing-Hai Zhang, Charles E. Schmidt College of Science*  
Student Fellow: Mia Michnik  
Project: Functional analysis of melatonin biosynthesis in response to environmental stresses in plants