2023 Summer Undergraduate Research Fellowship (SURF) Awardees

1. **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

2. **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

3. **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

4. **Faculty Mentor: Michael DeDonno, College of Education**  
   Student Fellow: Alexis Crowder  
   Project: The influence of working memory on medical resident performance

5. **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

6. **Faculty Mentor: Myeongsub (Mike) Kim, College of Engineering and Computer Science**  
   Student Fellow: Sofia Wiskoff  
   Project: Seawater-Concrete Electrolysis for Catalytic CO2 Capture and Hydrogen Production

7. **Faculty Mentor: Andia Chaves Fonnegra, Harriet L. Wilkes Honors College**  
   Student Fellow: Camila Rimoldi Ibanez  
   Project: Sound Emission and Perception in Corals

8. **Faculty Mentor: Ceylan Isgor, Charles E. Schmidt College of Medicine**  
   Student Fellow: Arthi Khan  
   Project: Temporal Ontogeny of Epilepsy in a Vertebrate Animal Model

9. **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

10. **Faculty Mentor: Christine Toledo, Christine E. Lynn College of Nursing**  
    Student Fellow: Theodora Tertus  

11. **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 Klopkh  
   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