2018 Summer Undergraduate Research Fellowship (SURF) Awardees

1. **Faculty Mentor: Dr. Seth Fallik, College for Design and Social Inquiry**  
   Student fellow: Alexandria Remillard  
   Project: Legal Analysis of Victim-Suspect Relationships in Sexual Assaults

2. **Faculty Mentor: Dr. Tricia Meredith, College of Education**  
   Student Fellow: Lindsey Hammond  
   Project: Exploring the diversity of the elasmobranch olfactory organ

3. **Faculty Mentor: Dr. Michael Whitehurst, College of Education**  
   Student Fellow: Michael Correa  
   Project: The effect of resistance exercise on growth factor signaling and physical and memory performance in older adults with MCI

4. **Faculty Mentor: Dr. Mike Kim, College of Engineering and Computer Science**  
   Student Fellow: Scott Shirley  
   Project: Understanding Catalytic Activity of Polymers for CO2-NaCl-H2O Interactions

5. **Faculty Mentor: Dr. James VanZwieten**  
   Student Fellow: Remy Komocsin  
   Project: Measurement Based Characterization of Open Ocean Turbulence for Ocean Current Energy Applications

6. **Faculty Mentor: Dr. Peng Yi, College of Engineering and Computer Science**  
   Student Fellow: Vithulan Suthakaran  
   Project: Developing a Biologically Based Artificial Leaf to Filter and Transform Carbon Dioxide Emissions into Oxygen via Photosynthesis

7. **Faculty Mentor: Dr. Nicholas Baima, Harriet L. Wilkes Honors College**  
   Student Fellow: Courtney Olive  
   Project: Plato and Aristotle on Mental Disorders and Wrongdoing

8. **Faculty Mentor: Dr. Carmen Canete-Quesada, Harriet L. Wilkes Honors College**  
   Student Fellow: Paulina Oporto-Cespedes  
   Project: Translating in Dominican: Julia Alvarez’s Autobiography Something to Declare (1998)

9. **Faculty Mentor: Dr. Jacqueline Fewkes, Harriet L. Wilkes Honors College**  
   Student Fellow: Sara Czoka  
   Project: American Mosques and Mobile Communities: Co-Locating Physical and Virtual Sites of Muslim Community

10. **Faculty Mentor: Dr. Ceylan Isgor, Charles E. Schmidt College of Medicine**  
    Student Fellow: Autumn Pough  
    Project: Modifications in sleep architecture as predictors of vulnerability to death during epileptic seizures
2018 Summer Undergraduate Research Fellowship (SURF) Awardees – cont’d

11. **Faculty Mentor:** Dr. Elan Barenholtz, *Charles E. Schmidt College of Science*
    **Student Fellow:** Stephen Hoover
    **Project:** Machine Olfaction Using Deep Learning Artificial Neural Networks

12. **Faculty Mentor:** Dr. Mare Cudic, *Charles E. Schmidt College of Science*
    **Student Fellow:** Mary Minore
    **Project:** Synthesis of glycosylated amino acids bearing tumor-associated carbohydrate antigen

13. **Faculty Mentor:** Dr. Evelyn Frazier, *Charles E. Schmidt College of Science*
    **Student Fellow:** Gillian Hebert
    **Project:** Social behaviors in Gopher Tortoises at the FAU Preserve

14. **Faculty Mentor:** Dr. Tanja Godenschwege, *Charles E. Schmidt College of Science*
    **Student Fellow:** Brandon Lajeunesse
    **Project:** Characterization of genes involved in spongiform degeneration

15. **Faculty Mentor:** Dr. Stephen Kajiura, *Charles E. Schmidt College of Science*
    **Student Fellow:** Jordan Waldron
    **Project:** Seasonal abundance and spatial distribution of blacktip sharks in Southeast Florida

16. **Faculty Mentor:** Dr. Alex Keene, *Charles E. Schmidt College of Science*
    **Student Fellow:** Estelle Laure Sah Pamboro
    **Project:** Regulation of sleep by dietary fatty acids in the fruit fly

17. **Faculty Mentor:** Dr. Salvatore Lepore, *Charles E. Schmidt College of Science*
    **Student Fellow:** Gurtejpal Ghuman
    **Project:** Synthesis of fluorinated vitisinol D analogs as potential neuroprotective agents

18. **Faculty Mentor:** Dr. Sarah Milton, *Charles E. Schmidt College of Science*
    **Student Fellow:** Kaitlin Grell
    **Project:** Evaluating Beach Morphodynamics on Sea Turtle Nest Inundation

19. **Faculty Mentor:** Dr. Marianne Porter, *Charles E. Schmidt College of Science*
    **Student Fellow:** Hannah Herbst
    **Project:** Keeling it: morphology and mechanics of caudal keels in sharks

20. **Faculty Mentor:** Dr. Lyndon West, *Charles E. Schmidt College of Science*
    **Student Fellow:** Shakia Williams
    **Project:** Biosynthetic Route to Briarane Natural Products

21. **Faculty Mentor:** Dr. Ilyas Yildirim, *Charles E. Schmidt College of Science*
    **Student Fellow:** Marina Nad
    **Project:** Physicochemical properties of microRNA- roles of 3’ and 5’-ends in RNA complex including silencing complex (RISC)