

2018 Summer Undergraduate Research Fellowship (SURF) Awardees

- 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
- Faculty Mentor: Dr. Tricia Meredith, College of Education*
Student Fellow: Lindsey Hammond
Project: Exploring the diversity of the elasmobranch olfactory organ
- 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
- 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
- Faculty Mentor: Dr. James VanZwieten*
Student Fellow: Remy Komocsin
Project: Measurement Based Characterization of Open Ocean Turbulence for Ocean Current Energy Applications
- 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
- Faculty Mentor: Dr. Nicholas Baima, Harriet L. Wilkes Honors College*
Student Fellow: Courtney Olive
Project: Plato and Aristotle on Mental Disorders and Wrongdoing
- 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)
- 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
- 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)