

2020 Virtual Summer Undergraduate Research Fellowship (SURF) Awardees

1. *Faculty Mentor: Dr. Thomas Stollar, Dorothy F. Schmidt College of Arts and Letters*
Student Fellow: Tiffany Battel
Project: New glazed development
2. *Faculty Mentor: Dr. Seth Fallik, College for Design and Social Inquiry*
Student Fellow: Erika Stone
Project: Criminal justice legal analyses
3. *Faculty Mentor: Dr. Mike Kim, College of Engineering and Computer Science*
Student Fellow: Roosevelt Delius
Project: Understanding the role of impulse pressure in pore plugging and water retention at the fracture
4. *Faculty Mentor: Dr. Masoud Jahandar Lashaki, College of Engineering and Computer Science*
Student Fellow: Julie Deshombres
Project: Developing made-to-order adsorbent materials for air revitalization in lunar habitats: A collaborative project with NASA's Kennedy Space Center
5. *Faculty Mentors: Dr. Andia Chaves Fonnegra and Dr. Yaouen Fily, Harriet L. Wilkes Honors College*
Student Fellow: Maggie Boing
Project: Automatic detection of coral reef microhabitats using computer vision libraries in Python
6. *Faculty Mentor: Dr. Ceylan Isgor, Charles E. Schmidt College of Medicine*
Student Fellow: Sebastien Nicolas
Project: Excess brain-derived neurotrophic factor alters adult-born granule neuron integration in dentate circuitry in epileptic mice
7. *Faculty Mentor: Dr. Felix Mayer, Charles E. Schmidt College of Medicine*
Student Fellow: Michelle Velez
Project: Does the region-specific regulation of the dopamine transporter by presynaptic dopamine d2 auto receptors rely on a physical interaction between D2 and DAT ?
8. *Faculty Mentor: Dr. Andra Opalinski, Christine E. Lynn College of Nursing*
Student Fellow: Michelle Ess
Project: Mental health experiences of people in South Florida who have lived in a state of homelessness
9. *Faculty Mentor: Dr. Edward Ester, Charles E. Schmidt College of Science*
Student Fellow: Julie Edelstein
Project: Sensorimotor transformations in visual working memory
10. *Faculty Mentor: Dr. Stephen Kajjura, Charles E. Schmidt College of Science*
Student Fellow: Mackenzie Smith
Project: Puncture performance of stingray caudal spines
11. *Faculty Mentor: Dr. Vivian Merk, Charles E. Schmidt College of Science*
Student Fellow: Sofia Feliciano
Project: Innovative iron oxide biocomposites for combating harmful algal blooms