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 Deshommes
   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 Kajiura, 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