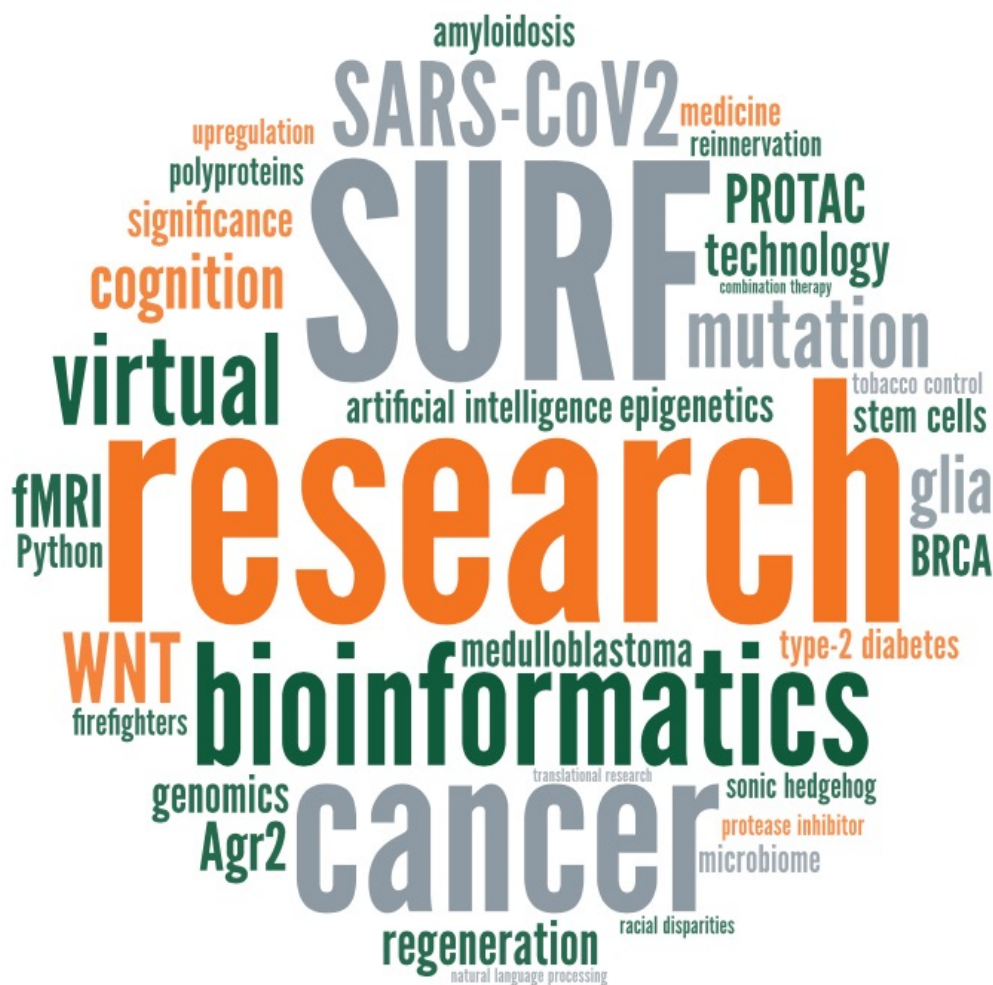


Summer Undergraduate Research Symposium

Friday, July 24, 2020



Symposium Agenda

Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2020

Morning Session

8:45 AM – 9:00 AM	Opening Remarks from Dr. Priyamvada Rai
9:00 AM – 9:15 AM	Leadership Remarks from Dean Henri Ford
9:15 AM – 9:30 AM	Leadership Remarks from Dr. Carl Schulman
9:30 AM – 10:00 AM	Leadership Remarks from Dr. Stephen Nimer
10:00 AM – 11:30 AM	Student Oral Presentations See Next Page for Presenters
11:30 AM – 1:00 PM	Lunch Break

Afternoon Session

1:00 PM – 2:30 PM	Student Oral Presentations See Next Page for Presenters
2:30 PM – 2:50 PM	Break
3:00 PM – 3:30 PM	Awards & Closing Remarks from Dr. R. Grace Zhai

Symposium Agenda

Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2020

Student Oral Presentations

- | | |
|---------------------|--|
| 10:00 AM - 10:15 AM | <p>Peyton Coady
"IDENTIFICATION OF PREDICTIVE SYNERGISTIC DRUG COMBINATIONS IN TREATMENT OF MEDULLOBLASTOMA"
<i>Mentor: Dr. Nagi Ayad</i>
<i>Department of Psychiatry & Behavioral Sciences</i></p> |
| 10:15 AM - 10:30 AM | <p>Sandy St-Hilaire
"BRCA HAPLOINSUFFICIENCY IN FALLOPIAN TUBE EPITHELLIA AND HIGH-GRADE SEROUS CARCINOMA"
<i>Mentor: Dr. Sophia George</i>
<i>Department of Obstetrics & Gynecology</i></p> |
| 10:30 AM - 10:45 AM | <p>Larissa Dixon
"INFLUENCE OF TOBACCO POLICY ON FLORIDA FIREFIGHTER SMOKING STATUS AT ONSET OF CANCER DIAGNOSIS"
<i>Mentor: Dr. David Lee</i>
<i>Department of Public Health Sciences</i></p> |
| 10:45 AM – 11:00 AM | <p>Qetsia Etienne
"MICROBIAL DYSBIOSIS DURING PROGRESSION OF PANCREATIC CANCER"
<i>Mentor: Dr. Sulagna Banerjee & Dr. Santanu Banerjee</i>
<i>Department of Surgery</i></p> |
| 11:00 AM - 11:15 AM | <p>Russell Perkins
"VISUALIZING AND COMPARING MICROBIAL POPULATIONS AMONG MICE UNDERGOING AGR2-BASED APPENDAGE REGENERATION"
<i>Mentor: Dr. Sandra Rieger</i>
<i>Department of Biology</i></p> |
| 11:15 AM - 11:30 AM | <p>Veronica Rodriguez
"MÜLLER GLIA: LEARNING RETINAL REGENERATION FROM FROGS"
<i>Mentor: Dr. Daniel Pelaez</i>
<i>Department of Ophthalmology</i></p> |

Symposium Agenda

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Student Oral Presentations

1:00 PM - 1:15 PM	Will Snyder "CONNECTIVITY STATES OF THE HUMAN DORSAL ANTERIOR INSULA ACROSS THE LIFESPAN" <i>Mentor: Dr. Lucina Uddin</i> <i>Department of Psychology</i>
1:15 PM - 1:30 PM	Sofia Perez "GENOMIC AND STRUCTURAL ANALYSIS OF SARS-COV-2 COMPONENTS AND THEIR EVOLVING VARIANTS" <i>Mentor: Dr. Daniel Isom</i> <i>Department of Pharmacology & Molecular Biology</i>
1:30 PM - 1:45 PM	J'Zaria Simpson "INVESTIGATING ARTIFICIAL INTELLIGENCE CLASSIFIERS FOR THE UNDERLYING AMYLOIDOSIS IN PATIENTS WITH T2D AND CI" <i>Mentor: Dr. Delia Cabrera DeBuc</i> <i>Department of Ophthalmology</i>
1:45 PM – 2:00 PM	Bryan Weselman "PREPARING ACTIONABLE INTELLIGENCE ON NERVOUS SYSTEM REGENERATION AND REINNERVATION" <i>Mentor: Dr. Sanjoy Bhattacharya</i> <i>Department of Ophthalmology</i>
2:00 PM - 2:15 PM	Antanisha Parks "NEUROLOGICAL MANIFESTATIONS OF COVID-19 IN THE HISPANIC POPULATION" <i>Mentor: Dr. Ayham Alkhachroum</i> <i>Department of Neurology</i>
2:15 PM - 2:30 PM	Olivia Perez "STRUCTURE-BASED MOLECULAR SIMULATION STUDIES TOWARDS THE DEVELOPMENT OF TARGETED PROTEIN DEGRADERS FOR SARS-COV2" <i>Mentor: Dr. Stephan Schürer</i> <i>Department of Molecular and Cellular Pharmacology</i>

Student Participants

Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2020



Peyton Coady

James Madison University

Mentor: Dr. Nagi Ayad

*Department of Psychiatry & Behavioral
Sciences*

Larissa Dixon

University of South Florida

Mentor: Dr. David Lee

Department of Public Health Sciences



Qetsia Etienne

Bowdoin College

Mentors: Drs. Sulagna Banerjee & Santanu Banerjee

Department of Surgery



Student Participants

Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2020

Antanisha Parks

University of Missouri, St Louis
Mentor: Dr. Ayham Alkhachroum
Department of Neurology



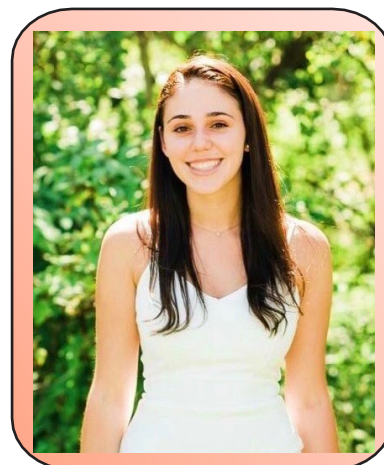
Olivia Perez

University of Notre Dame
Mentor: Dr. Stephan Schürer
Department of Molecular & Cellular Pharmacology



Sofia Perez

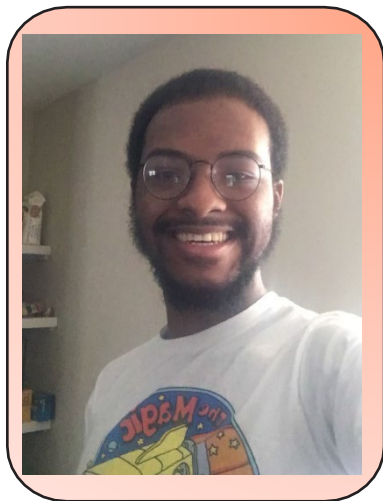
University of Notre Dame
Mentor: Dr. Daniel Isom
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Student Participants

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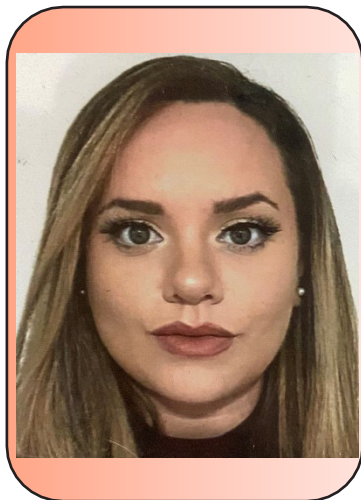


Russell Perkins

University of Oklahoma

Mentor: Dr. Sandra Rieger

Department of Biology



Veronica Rodriguez

Florida International University

Mentor: Daniel Pelaez

Department of Ophthalmology



J'Zaria Simpson

Savannah State University

Mentor: Dr. Delia Cabrera DeBuc

Department of Ophthalmology

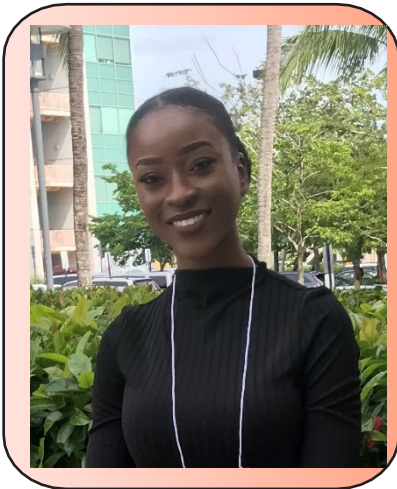
Student Participants

Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2020

William Snyder

Bucknell University
Mentor: Dr. Lucina Uddin
Department of Psychology



Sandy St-Hilaire

Florida International University
Mentor: Dr. Sophia George
Department of Obstetrics & Gynecology

Bryan Weselman

College of William and Mary
Mentor: Dr. Sanjoy Bhattacharya
Department of Ophthalmology



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The SURF team

Dr. Priyamvada Rai (Program Director), Mr. Santos Cayetano, Ms. Sarah Sandiford, Ms. Theresa Votolato, Ms. Rositsa Kalinova, Ms. Maya Kono

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