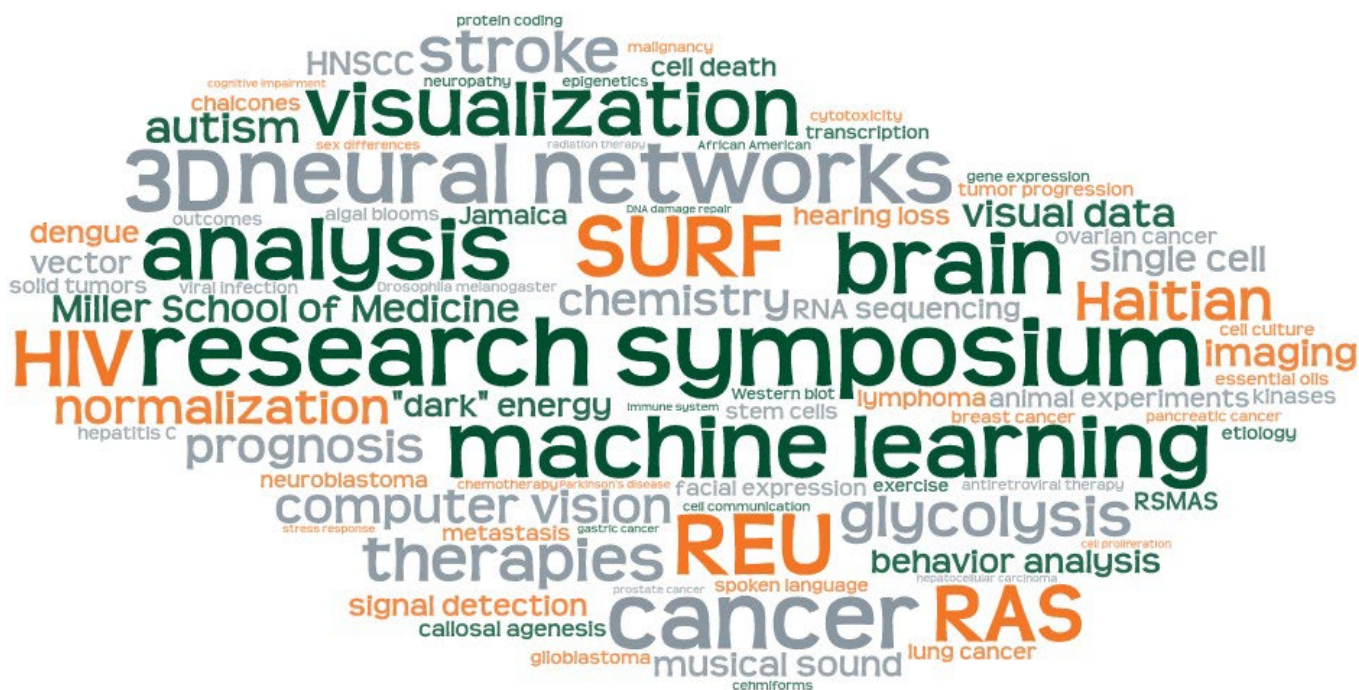


Summer Undergraduate Research Symposium

Friday, July 26, 2019



Symposium Agenda

NSF Research Experience for Undergraduates (REU)

&

Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2019

Morning Session

8:15 AM - 8:45 AM	Breakfast & Poster Session Set Up	Schoninger Quadrangle outside Lois Pope (1095 NW 14th Terrace)
9:00 AM – 10:30 AM	Poster Session & Judging	
10:45 AM - 12:00 PM	Student Oral Presentations SURF and REU Participants See Next Page for Presenters	Sylvester Comprehensive Cancer Center, Room 1301 (1475 NW 12th Avenue)

Afternoon Session

12:00 PM - 1:00 PM	Lunch	Sylvester Comprehensive Cancer Center, Room 1301 (1475 NW 12th Avenue)
1:15 PM - 1:40 PM	Introductions	
1:50 PM - 2:50 PM	Keynote Speaker Albert Craig Lockhart, M.D., M.H.S. Professor of Medicine Chief, Division of Medical Oncology Chief of Medical Oncology Service, University of Miami Hospitals and Clinics Associate Director for Regional and Strategic Clinical Research Affiliations Sylvester Comprehensive Cancer Center	(1475 NW 12th Avenue)
3:00 PM - 3:30 PM	Awards & Conclusion	

Symposium Agenda

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&

Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2019

Student Oral Presentations

10:45 AM - 11:00 AM

Maya Martinez

"THE EFFECTS OF IRRADIATION IN THE BRAIN"

Mentor: Dr. Scott Welford

Department of Radiation Oncology

11:00 AM - 11:15 AM

Danielle Antoine

"ROLE OF ARGINYL TRANSFERASE IN
RADIATION-INDUCED BRAIN INJURY"

Mentor: Dr. Brian Marples

Department of Radiation Oncology

11:15 AM - 11:30 AM

Patrick McCann

"PHYSICAL EXERCISE POST CEREBRAL ISCHEMIA
ASSISTS IN NEURONAL SURVIVAL IN SEPTAL AND
THALAMIC NUCLEI"

Mentor: Dr. Miguel Perez-Pinzon

Department of Neurology

11:30 AM – 11:45 AM

Amrita Nallathambi

"EXPLORING PROTEIN-CONSTRAINED CHEMICAL
SPACE USING CHEMIFORMS"

Mentor: Dr. Daniel G. Isom

Department of Molecular and Cellular Pharmacology

11:45 AM - 12:00 PM

Alexis Delgado

"A DIFFUSION WEIGHTED IMAGING INVESTIGATION OF
CONGENITAL AGENESIS OF THE CORPUS CALLOSUM"

Mentor: Dr. Lucina Uddin

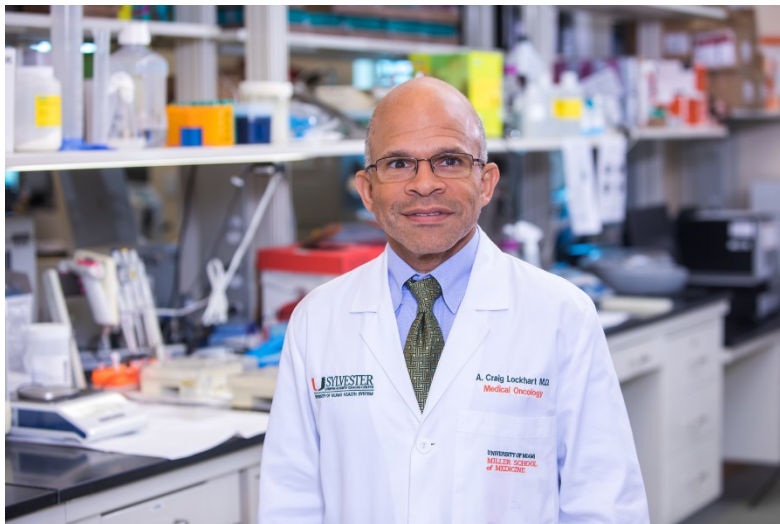
Department of Psychology

Keynote Speaker

Albert Craig Lockhart, M.D., M.H.S.

Dr. Lockhart is a Professor of Medicine and the Division Chief for the Division of Medical Oncology at the University of Miami – Sylvester Comprehensive Cancer Center. His primary academic mission centers on early clinical drug development in oncology with a focus on upper GI cancers.

Dr. Lockhart earned his medical degree at the University of Texas Southwestern Medical School and did his residency in Internal Medicine at Washington University in St. Louis. He completed fellowship training in Hematology and Oncology as well as a master's degree in clinical research at Duke University. After completing his training at Duke, Dr. Lockhart was an assistant Professor of Medicine in the Division of Hematology/Oncology at Vanderbilt University. More recently, he served as the director of the Developmental Therapeutics program for the Siteman Cancer Center at Washington University from 2008-17.



Student Participants

Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2019

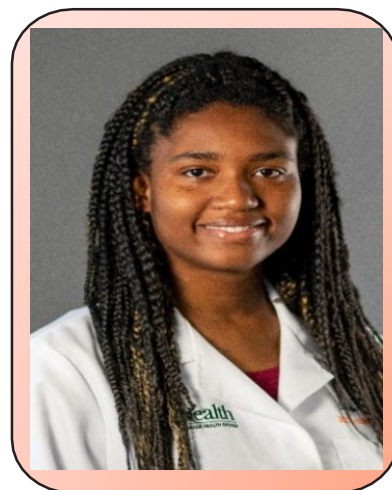


Kaytlin Alzugaray

Florida International University

Mentor: Dr. Alexander Zaika

Department of Surgery

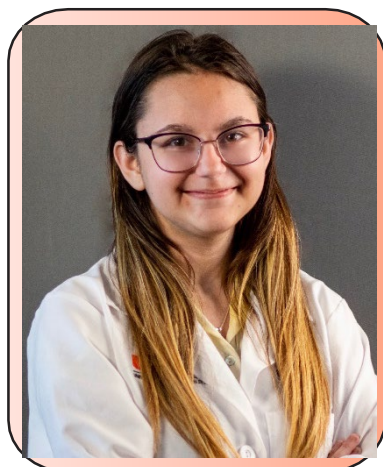


Danielle Antoine

Franklin and Marshall College

Mentor: Dr. Brian Marples

Department of Radiation Oncology



Elizabeth Feldman

Nova Southeastern University

Mentor: Dr. Grace Zhai

Department of Molecular and Cellular Pharmacology

Student Participants

Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2019

Monica Mabel Hernandez

Miami Dade College
Mentor: Dr. Priyamvada Rai
Department of Medicine



Frantzia Jeanty

University of Miami
Mentor: Dr. Sophia George
Department of Obstetrics and Gynecology



Maya Martinez

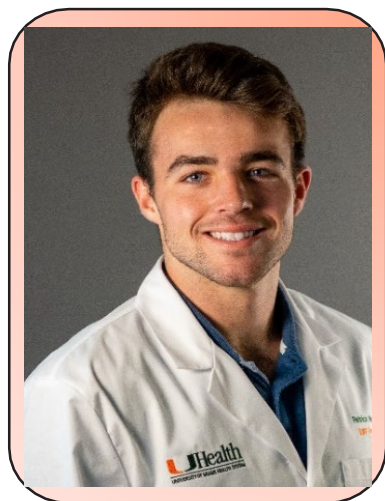
Albertus Magnus College
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Patrick McCann

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Jabari McGinnis

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Mentor: Dr. Kurt Schesser
Department of Microbiology & Immunology



Amrita Nallathambi

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Mentor: Dr. Daniel G. Isom
Department of Molecular and Cellular Pharmacology

Student Participants

Summer Undergraduate Research Fellowship Program (SURF)

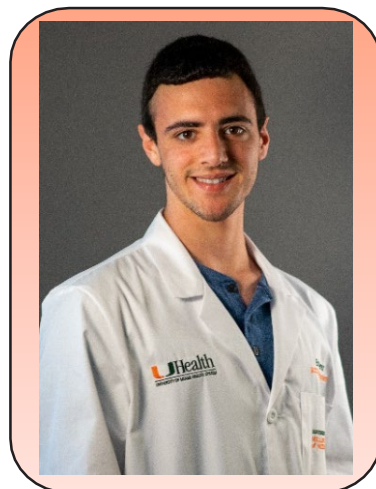
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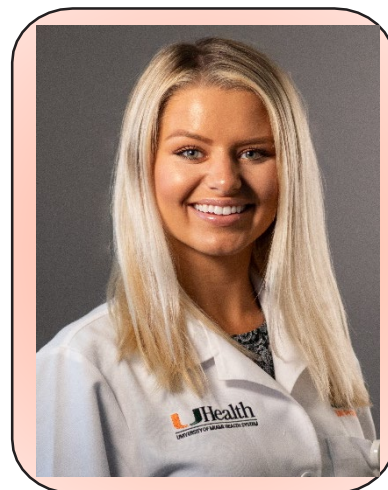


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University of Puerto Rico, Río Piedras

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Student Participants

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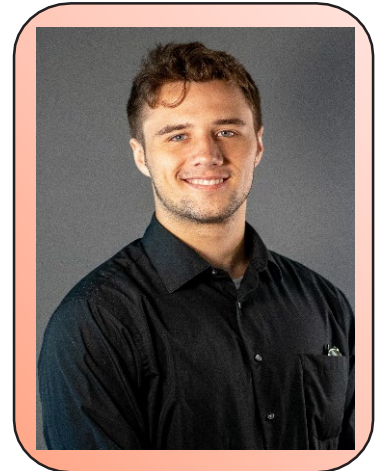
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Alexis Delgado

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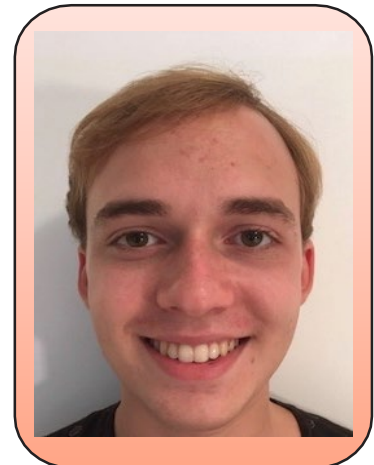
Department of Computer Science

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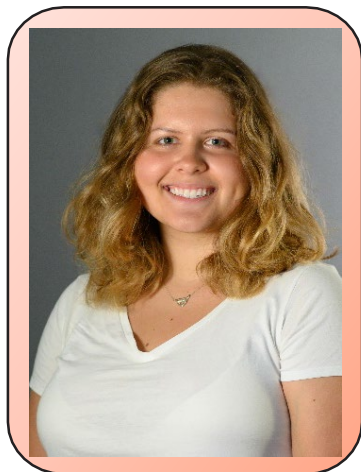
Department of Computer Science



Student Participants

NSF Research Experience for Undergraduates (REU)

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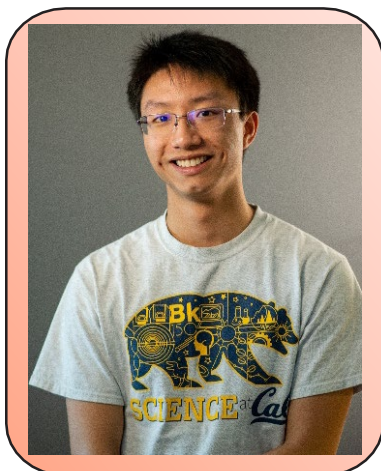
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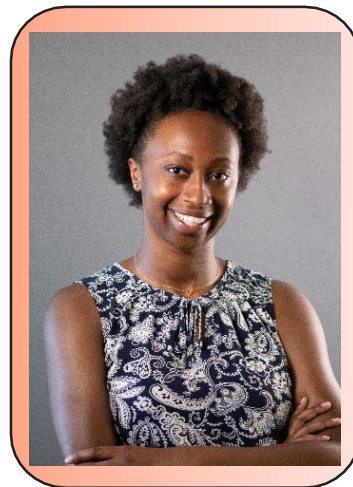
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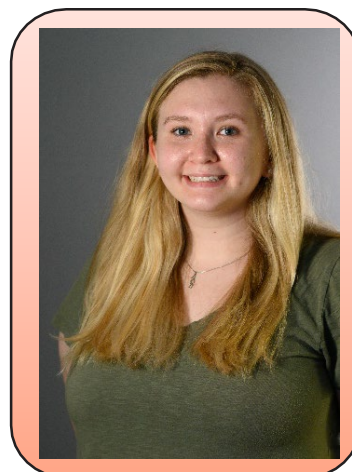
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Thanks and Acknowledgements

We wish to thank all of the faculty mentors and their lab personnel for providing guidance and inspiration to the REU and SURF students for the past ten weeks. Our sincere thanks as well to all the clinical faculty: Drs. Angela Barney, Benjamin Abraham, Yokasta Cruz, Shaw Banks, Keith Candiotti, Jack Louro, Christian Diez, James Banta, Sanoj Punnen, Gilberto de Lima Lopes, Macarena De La Fuente, Jonathan Trent and Stephen Symes who allowed the SURF students to gain valuable clinical shadowing experiences during this year's program.

In addition, we are extremely appreciative of the time and effort provided by our weekly Career Development seminar presenters: Drs. Nagi Ayad, Andrea Da Fonesca Ferreira, Pierre-Jacques Hamard, Rachele Sangletti, Mohammad Tootoonchi, Pedro Salas, Sandra Lemmon, Feng Gong, Arun Malhotra, Stephen Symes, Adrian Reynolds, Guillermo Prado, Priyamvada Rai, Emre Dikici, Sophia George, Stephen Nimer & David Robbins as well as Ms. Adina Sanchez-Garcia, Michelle Caunca, Austin Choi, Karolina Janczura, Marie Maloof, Linda Robayo, Rolando Lyles & Nikita Sharma.

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Finally, we are grateful to Drs. Priyamvada Rai, Burton Rosenberg, David Lee, Carl Schulman, Kerry Burnstein and Stephen Nimer for their dedicated leadership, strong support, and investment in this valuable training experience for our future researchers and physician-scientists.

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