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  Sylvester Comprehensive Cancer Center, Room 1301 (1475 NW 12th Avenue)
10:45 AM - 12:00 PM  Student Oral Presentations SURF and REU Participants See Next Page for Presenters

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

3:00 PM - 3:30 PM  Awards & Conclusion
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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

Danielle Antoine
Franklin and Marshall College
Mentor: Dr. Brian Marples
Department of Radiation Oncology

Kaytlin Alzugaray
Florida International University
Mentor: Dr. Alexander Zaika
Department of Surgery

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
Mentor: Dr. Scott Welford
Department of Radiation Oncology
Student Participants
Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2019

Patrick McCann
Emory University
Mentor: Dr. Miguel Perez-Pinzon
Department of Neurology

Jabari McGinnis
Morehouse College
Mentor: Dr. Kurt Schesser
Department of Microbiology & Immunology

Amrita Nallathambi
University of Pittsburgh
Mentor: Dr. Daniel G. Isom
Department of Molecular and Cellular Pharmacology
Student Participants
Summer Undergraduate Research Fellowship Program (SURF)

University of Miami Summer 2019

Eric Perez
University of Miami
Mentor: Dr. Feng Gong
Department of Biochemistry and Molecular Biology

Kidianys M. Sánchez Ruiz
University of Puerto Rico, Río Piedras
Mentor: Dr. Vladlen Z. Slepak
Department of Molecular and Cellular Pharmacology

Sophia Sendo
Eastern Michigan University
Mentor: Dr. Ami Pravinkant Raval
Department of Neurology
Student Participants
NSF Research Experience for Undergraduates (REU)

University of Miami Summer 2019

Giulia Bronzi
Wellesley College
Mentors: Dr. Daniel Messinger & Dr. Laura Vitale
Department of Psychology

Nicholas Cimaszewski
University of Rochester
Mentors: Dr. Odelia Schwartz & Luis Gonzalez Sanchez Giraldo
Department of Computer Science

Alexis Delgado
Avila University
Mentor: Dr. Lucina Uddin
Department of Psychology
Student Participants
NSF Research Experience for Undergraduates (REU)

University of Miami Summer 2019

Chris Fagin
Christian Brothers University
Mentors: Dr. Daniel Messinger & Dr. Laura Vitale
Department of Psychology

Allan Gelman
Massachusetts Institute of Technology
Mentor: Dr. Victor Milenkovic
Department of Computer Science

Danny Gelman
Massachusetts Institute of Technology
Mentor: Dr. Victor Milenkovic
Department of Computer Science
Student Participants
NSF Research Experience for Undergraduates (REU)

University of Miami Summer 2019

Juliana Hemela
UNC Chapel Hill
Mentor: Dr. Vance Lemmon
Department of Computer Science

Gregory Hubbard
Old Dominion University
Mentors: Dr. Odelia Schwartz & Dr. Luis Gonzalez Sanchez Giraldo
Department of Computer Science

Victor Jann
University of California, Berkeley
Mentor: Dr. Vance Lemmon
Department of Computer Science
Student Participants
NSF Research Experience for Undergraduates (REU)
University of Miami Summer 2019

Angela Camille Wairimu Kihiko
Spelman College
Mentor: Dr. Mitsunori Ogihara
Department of Computer Science

Azhar Bikram Moihdeen
Georgia Institute of Technology
Mentor: Dr. Orlando Acevedo
Department of Computer Science

Courtney Sever
Florida State University
Mentor: Dr. Orlando Acevedo
Department of Chemistry
Student Participants
Additional participants

University of Miami Summer 2019

Shria Bucha
Archimedean Upper Conservatory and School for Advanced Studies
Mentors: Drs. Xiangxi Xu and Maria Amaya Celina Sanchez
Department of Cell Biology

Fedelene Camille
University of Miami
Mentor: Dr. Regina M. Graham
Department of Neurosurgery

Melanie Delgado Gomez
Florida International University
Mentor: Dr. Sophia George
Department of Obstetrics and Gynecology

Hannah Forbes
Yale University
Mentors: Drs. Emmanuel Thomas and Dennis McDuffie
Department of Microbiology & Immunology

Jiaming Hu
University of Miami
Mentor: Dr. R. Grace Zhai
Department of Molecular and Cellular Pharmacology

Christina Jayaraj
University of Miami
Mentor: Dr. Priyamvada Rai
Department of Medicine
Student Participants
Additional participants

University of Miami Summer 2019

Anastasiia Kaplina
Miami Dade College
Mentor: Dr. Regina M. Graham
Department of Neurosurgery

Rhaheem Layne-Yarde
The University of The West Indies, Mona, Kingston, Jamaica
Mentor: Dr. Vladlen Slepak
Department of Molecular and Cellular Pharmacology

Shalala Leny
Archimedean Upper Conservatory and School for Advanced Studies
Mentors: Drs. Xiangxi Xu and Maria Amaya Celina Sanchez
Department of Cell Biology

Lake Hepburn Lige
University of Miami
Mentor: Dr. Marzenna Blonska
Department of Medicine

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

Anagabriela Madrid
University of Miami
Mentor: Dr. Regina M. Graham
Department of Neurosurgery
Student Participants
Additional participants

University of Miami Summer 2019

Samantha McLaughlin
University of Miami
Mentor: Dr. Paolo Serafini
Department of Microbiology & Immunology

Abraham Profeta
Cornell University
Mentor: Dr. Sophia George
Department of Obstetrics, Gynecology and Reproductive Sciences

Hailey Ray
University of Miami
Mentor: Dr. Luisa Cimmino
Department of Biochemistry & Molecular Biology

Alexander Richardson
University of Miami
Mentor: Dr. Shanta Dhar
Department of Biochemistry and Molecular Biology

Jaislene Viñas
University of Miami
Mentor: Dr. Nichole Klatt
Department of Pediatrics
Thanks and Acknowledgements

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