MOFFITT CANCER CENTER PRESENTS

RESEARCH DAY 2021

Virtual Event (via Zoom Meetings)
https://moffitt.zoom.us/j/91064556790

Thursday, August 5th, 2021 | 4:00 - 5:45 PM
The SPIRIT-CHD is a collaborative partnership between Moffitt Cancer Center and Louisiana State University Health Sciences Center in New Orleans, Louisiana. The overall goal of the partnership is to advance translational research on cancer health disparities and establish a Cancer Research Education Program (CREP) for underrepresented undergraduate and medical students. The CREP supports an 8-week summer internship program that has a unique focus on biobanking, precision medicine and cancer health disparities. The CREP includes a web-based curriculum, one-on-one mentoring from research scientists, community outreach and engagement experiences, and other hands-on research experiences.

The Moffitt Summer Program for the Advancement of Research Knowledge (SPARK) provides an opportunity for highly-motivated undergraduate students to immerse themselves in an authentic and meaningful research project. Training with experienced scientists, SPARK interns learn by doing and may tackle a cutting-edge research hypothesis independently, or as part of a team. Over the past decade, the Program has trained well over 400 students. This Program is generously sponsored by the Frank E. Duckwall Foundation.
RESEARCH DAY
AGENDA

Link to Main Session: https://moffitt.zoom.us/j/91064556790

4:00 PM - Welcome

Clement Gwede, PhD
CREP Co-Leader, SPIRIT-CHD

Douglas Cress, PhD
Co-Principal Investigator, SPIRIT-CHD
Director, SPARK

Warren Jackson Pledger, PhD
Keynote Speaker
Founding Director of Moffitt Research Institute
Former Associate Director of Basic Research

4:25 PM - Student Presentations

*From the main session, students will be divided into three Zoom breakout rooms. Student assignments for breakout rooms can be found in the next pages.

5:45 PM - Adjourn
**BREAKOUT ROOM 1 - SRB ATRIUM 4**

4:30 PM  **William Pledger** - "Inhibiting the CMG Helicase as an innovative therapeutic against Osteosarcoma"

4:37 PM  **Abigail Lantz** - "Disparities in BMI and Age at Diagnosis Among Women with Breast Cancer"

4:44 PM  **Aleah Masucci** - "Impact of STK11 mutations on cell metabolism in lung adenocarcinoma"

4:51 PM  **Aksheta Kanuganti** - "Evaluation of the effect of TROLL-2 & -3 on the response of breast cancer cells to PI3K/AKT inhibitors"

4:58 PM  **Charvi Sharma** - "Investigation of syntenic TAp73-regulated IncRNAs in lung adenocarcinoma"

5:05 PM  **Ambika Bhatt** - "Patient-Reported Outcomes for Non-Small Cell Lung Cancer Immunotherapy"

5:12 PM  **Manoj Kambara** - "Mathematical Modeling of Adoptive Immunotherapy in B16 Melanoma"

5:19 PM  **Gabriel Brosula** - "Investigating the Impact of Tumor Wounding on Cancer Evolution with GATTACA"

5:26 PM  **Achyudhan Kutova** - "Comparing Radiation Response Dynamics for Different Mathematical Models"

5:33 PM  **Alexandria Johnson** - "Comparing PSA Dynamics between African American and European American patients"

5:40 PM  **ADJOURN**
**Ehinoma Imudia** - "Reactivity of MART 1 +/- TIL with Different Patient Tumor Cell Lines"

**Anastasia Gregory** - "Targeting EGFR-mutant lung cancer cells with CARM1 inhibitors"

**Sophia Kermet** - "Evaluating immunogenicity of mutated Estrogen Receptor Positive Peptides in a Preclinical Mouse Model"

**Kathleen Miller** - "Novel Approach to Targeting HDAC11 in Multiple Myeloma"

**Andrew Weeden** - "The effects of Myc-driven lymphoma on circulating metabolites"

**Jessica Cao** - "ALK-independent inhibition of cell migration by the ALK inhibitor Brigatinib"

**Daniel Chen** - "Adaptive Changes in Signaling and Morphology between H358 Parental and Resistant Cells"

**Michelle Jayaraj** - "Genotyping of transgenic mice to study mechanisms underlying the functions of myeloid cells in brain cancers"

**Sean Christiansen** - "TGF-B PATHWAY INHIBITION WITH TP-0184 IMPROVES HEMATOPOIESIS IN PRIMARY PATIENT EXPLANTS AND MDS PHENOTYPIC CELLS"

**Maria Gomez-Ocasio** - "Impact of Age at Cryosurgery and complications associated with primary cryotherapy for localized prostate cancer"

5:40 PM ADJOURN
Niyati Upadhyay - "Exploring Risks, Incidence Rates, and Progression of Prostate Cancer in Puerto Rico"

Tabitha Carter - "Do Patients with a Smoking-related vs. Non-smoking related cancer Differ in Smoking and Other Behavioral Variables?"

Gabriella Fonseca - "Scoping Review of Vaccination Behaviors Amongst Cancer Survivors"

Tam Nguyen - "Stress Management in Behavioral Weight Loss Programs: Reducing the Risk for Obesity and Cancer"

McKenzie Reese - "Early-Onset Colorectal Cancer in Black Vs White patients"

Jarred Miller - "Survey of oncology providers in the ECOG-ACRIN Cancer Research Group: Attitudes, knowledge, and practice behaviors about LGBTQ patients with cancer"

Vanesa Carreño - "Health related quality of life among Hispanic smokers: A Secondary Analysis from the Libre Del Cigarillo RCT"

Chavely Calderón-Casellas - "Assessment of precision prevention materials conveying MC1R testing results for skin cancer risk awareness among Hispanics in Tampa and Puerto Rico"

5:26 PM ADJOURN
Maria (Vic) Gomez-Ocasio  
Mentor - Dr. Alice Yu

Chavelly Calderón-Casellas  
Mentor - Dr. Peter Kanetsky  
Co-Mentor - Dr. John Charles A. Lacson

Vanessa Carreño  
Mentor - Dr. Vani Simmons  
Co-Mentor - Patricia Medina-Ramirez

Niyati Upadhyay  
Mentor - Dr. Jong Park  
Co-Mentor - Hyun Park

Tabitha Carter  
Mentor - Dr. Vani Simmons  
Co-Mentor - Dr. Ursula Martinez Pradera

Ehinoma Imudia  
Mentor - Dr. Shari Pilon-Thomas  
Co-Mentor - Amy Hall

Alexandria Johnson  
Mentor - Dr. Heiko Enderling  
Co-Mentor - Dr. Renee Brady-Nicholls

Abigail Lantz  
Mentor - Dr. Douglas Cress  
Co-Mentors - Allison Bahr & Edna Gordián

Jarred Miller  
Mentor - Dr. Matthew Schabath  
Co-Mentor - Dr. Jaileene Perez-Morales

Gabriella Fonseca  
Mentor - Dr. Shannon Christy

Tam Nguyen  
Mentor - Dr. Tiffany Carson

McKenzie Reese  
Mentor - Dr. Doratha Byrd  
Co-Mentor - Stephanie Hogue
THANK YOU

to our wonderful sponsors!

Frank E. Duckwall Foundation, Inc.

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