

ROBIN OligoMET Center Quarterly Update February 2023

News

- University of Maryland Baltimore Radiation Oncology Holiday Gathering
- 11th Annual Practical Genomics from Biology to Biostatistics Workshop Led by Dr. Eddie Imada
- San Antonio Breast Cancer Symposium
- Cancer Risk & Control Program Retreat
- Thomas Jefferson University Radiation Oncology Retreat
- Centers for Medical Countermeasures Against Radiation Consortium (CMCRC) Annual Meeting
- 18th Annual Radiation Oncology Symposium Best of 2022
- Dr. Lei Ren appointed as Deputy Editor of the Medical Physics Journal
- Dr. Phuoc Tran's appointments

ROBIN OligoMET Center's Website Upgrade

New Hires

Farewells

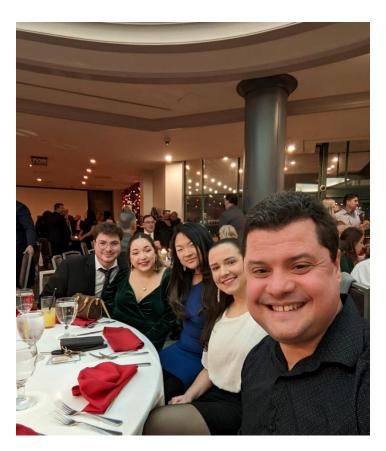
Monthly Research Updates

News

University of Maryland Baltimore Radiation Oncology Holiday Gathering

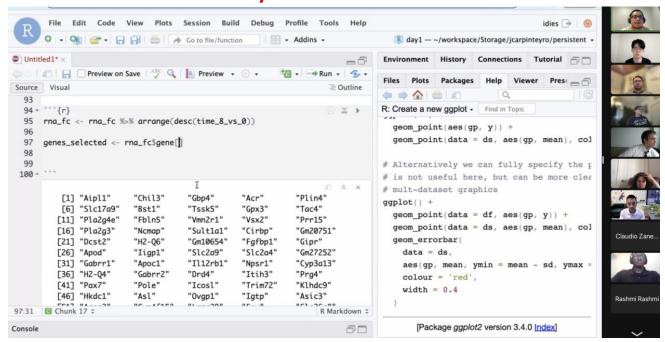


During the early December holiday gathering, Isadore and Fannie Schneider Foxman Chair and Professor, Dr. William Regine, joined Dr. Phuoc Tran's lab and staff for a group photo.

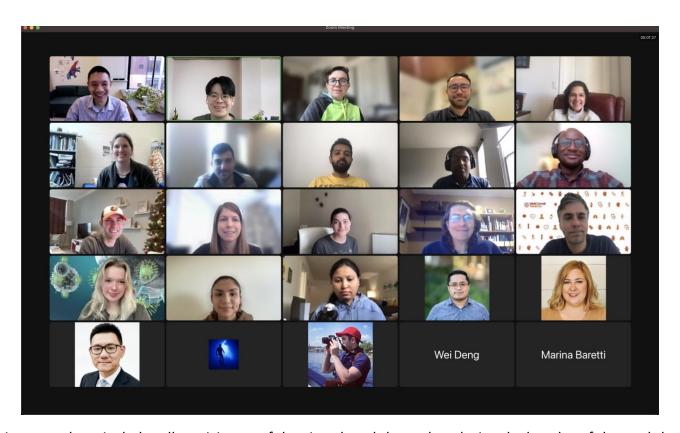


In this smaller holiday group photo, from left to right includes Dr. Phuoc Tran's lab and staff members Kamron Strickland, Claudia Datnow-Martinez, Jadyn Stewart, Adrianna Mendes, and William Mendes.

11th Annual Practical Genomics from Biology to Biostatistics Workshop Led by Dr. Eddie Imada



During the 4-day virtual workshop held on December 5-6 and 12-13, Dr. Eddie Imada taught on clustering, marker gene detection, differential expression, and trajectory analysis through hands-on exercises and breakout sessions.



This group photo includes all participants of the virtual workshop taken during the last day of the workshop.

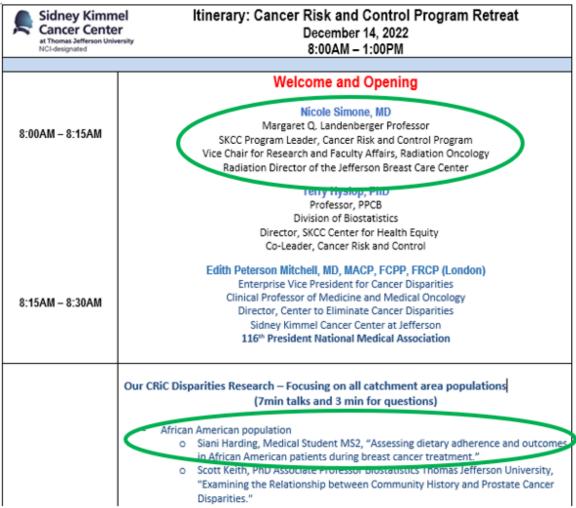
San Antonio Breast Cancer Symposium



Dr. Nicole Simone's medical student, Siani Harding, presented a disparities abstract titled, "Caloric restriction for oncology research (CaReFOR): Assessing dietary adherence and outcomes in African American patients during breast cancer treatment" at the San Antonio Breast Cancer Symposium (SABCS) that was held on December 6-10, 2022. Click here-to-view-the-abstract at the SABCS website.

Cancer Risk & Control Program Retreat





At the Sidney Kimmel Cancer Center Cancer, Dr. Nicole Simone hosted a Cancer Risk and Control Program Retreat that covers topics on health disparities. Some highlights included patient advocates joining breakout discussions to help guide impact of novel ideas, grand rounds speaker Dr. Scarlett Lin Gomez, MPH, PhD, among others. In addition, Dr. Simone's medical student, Siani Harding, presented on disparities research titled, "Assessing dietary adherence and outcomes in American patients during breast cancer treatment."

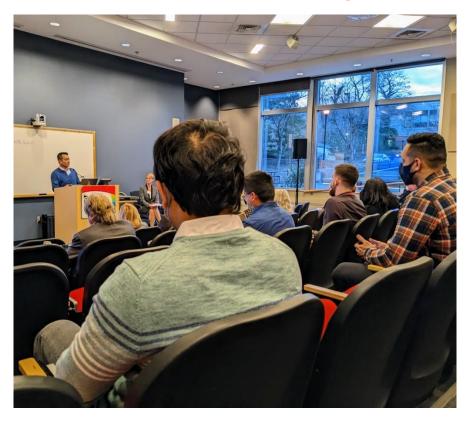
Thomas Jefferson University Radiation Oncology Retreat



Research 2024 and Beyond

Dr. Nicole Simone presented at the Sidney Kimmel Cancer Center at Thomas Jefferson University on, "Research and Beyond" where she spoke about research focused on richly diverse catchment area, patient support and community outreach initiatives, social determinants of health, examples of multidisciplinary research, among others.

Centers for Medical Countermeasures Against Radiation Consortium (CMCRC) Annual Meeting



During the CMCRC annual meeting held on January 10-11th, Dr. Phuoc Tran gave a closing remark at the end of first day of this event. He thanked everyone for their dedication and agreed with President of University of Maryland Baltimore, Bruce Jarrell, and Isadore & Fannie Schneider Foxman Chair and Professor of Radiation Oncology, Dr. William Regine, the importance of everyone's work at CMCRC.

18th Annual Radiation Oncology Symposium – Best of 2022

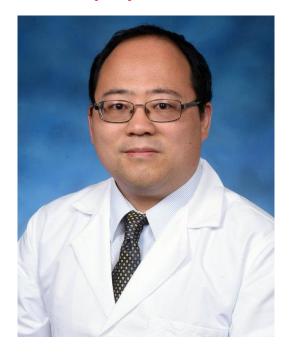


Dr. Mark Mishra gave a presentation on the "Central Nervous System – Best of 2022" and its latest developments in treatment that have occurred in the past year.



Dr. Zaker Rana gave a presentation on "Thoracic – Best of 2022" and its latest developments in treatment modalities that have occurred in the past year.

Dr. Lei Ren appointed as Deputy Editor of the Medical Physics Journal



Congratulations to Dr. Lei Ren who was appointed as Deputy Editor of the Medical Physics Journal in January. In his role, he will work with decision-making authority and editors to oversee and manage manuscript reviews.





Congratulations to Dr. Phuoc Tran who was appointed for American Society for Radiation Oncology (ASTRO)
Annual Refresher Course Faculty, Prostate Cancer Foundation as PCF TACTICAL Award Reviewer, NIH NCI
Molecular Cancer Diagnosis and Classification Study Section (MCDC) as Ad Hoc Reviewer, and at NIH NCI
ROBIN Study Section as Ad Hoc Reviewer.

More Content Added to ROBIN OligoMET Center's Website



ROBIN OligoMET Center

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Overview

Our Teams

Research

Education and Training

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Highlights

The Radiation Oncology-Biology Integration Network Oligometastasis (ROBIN OligoMET) Center is focused on understanding how radiation therapy can affect the metastatic process particularly in low-volume or oligometastatic prostate cancer (PCa). Our center brings together in-depth experience, knowledge, and high-level skills from the University of Maryland Baltimore (UMB), Weill Cornell Medicine (WCM) and Thomas Jefferson University (TJU) to study mechanisms of how radiation therapy (RT) can affect the metastatic process.

This multidisciplinary perspective enables us to bring the latest clinical trials, profiling and computational methods to bear on the most clinically relevant aspects of oligometastasis. The projects integrate state-of-the-art tissue, liquid and radiomic multi-parametric profiling techniques from humans complimented with syngensic mouse tumor models in the context of a first-in-man phase II randomized trial. Data will be integrated using novel network methods to prioritize candidates for functional validation across projects.

This US4 ROBIN OligoMET Center is led by Drs. Phuoc Tran (contact PI), Nicole Simone and Amit Sawant (both contact MPIs.) Project 1 (genomics, radiomics and liquid biopsies) is led by Drs. Tran, Ren and Sawant; Project 2 (metabolomics and disparities) is led by Dr. Simone; and the Resource Sharing and Cross-Training Cores are led by Drs. Luigi Marchionni, Sawant and Ren.

For more information, please contact the Program Manager Jadyn Stewart or Vice Chair for Research Dr. Phuoc Tran.

Collaborating Institutions

Thomas Jefferson University

Weill Cornell Medical College

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Contact PI



Multiple PI



ord Special Style



The ROBIN OligoMET Center's <u>website</u> has been upgraded. Please check out the Center's webpage for the latest updates and information.

New Hires



Dr. Muhammad Ajmal Khan, post-doctoral fellow, joined Dr. Phuoc Tran's lab in early December.





A farewell lunch was held in November last year for postdoctoral fellow, Francesca Carrieri (in dark blue long-sleeved shirt, sitting on the right side of Dr. Phuoc Tran who is in grey). She was a great addition to Dr. Phuoc Tran's lab, and we wish her continued success!



A farewell lunch was held in late January for research assistant, Shreya Jagtap (the one with a peace sign on the left). She is known to be friendly and welcoming to new members of Dr. Phuoc Tran's lab and staff members. We wish her all the best in her future endeavors!

Monthly Research Updates

NOVEMBER AT A GLANCE TOTALS		
Publications	7	
Grants and contracts		
New awards	0	
Submitted	0	
Oral Presentations	0	
Abstracts	1	
Clinical trials		
TERPS	1	
Awards/Honors	1	

AT A GLANCE TOTALS		
Publications	6	
Grants and contracts		
New awards	2	
Submitted	0	
Oral Presentations	2	
Abstracts	0	
Clinical trials		
TERPS	0	
Awards/Honors	3	

JANUARY AT A GLANCE TOTALS		
Publications	6	
Grants and contracts	8	
New awards	1	
Submitted	3	
Oral Presentations	2	
Abstracts	0	
Clinical trials		
TERPS	1	
Awards/Honors	2	