ROSS UNIVERSITY
SCHOOL OF MEDICINE

UNIVERSITY OF Cincinnati

Research Day
Virtual Conference Agenda

"Cultivating Physician-Scientists"

January 22, 2021

		Speaker
11:00a – 11:10a	**Welcome and Opening of Research Day**	Steen Pedersen, PhD Rhonda McIntyre, MBBS
11:10a – 11:15a	Introduction of Plenary Speaker – Elijah Paintsil, MD	Rhonda McIntyre, MBBS
11:15a – 12:15p	**Plenary** – *"The making of a physician scientist: Mitochondrion the master of the orchestra"*	Elijah Paintsil, MD
12:15p – 12:30p	**BREAK**	
12:30p – 1:45p	**Oral presentations:** ▪ *"COVID-19 Pandemic Impact on Geriatric Mental Health Among Diverse Seniors at a FQHC."* ▪ *"Toward the development and construct validity of the 7Ps inventory of self-regulated learning to identify student academic success."* ▪ *"Anti-Racism Discussion Group Pilot Evaluation at RUSM."* ▪ *"The potential impact of dietary intervention on recurrence-free and overall survival in ovarian cancer patients: Results from an observational study."*	Brittany M. Barba, MPH Daria Ellis, PhD Karie Gaska, PhD Alexandria Laws, MPH
1:40p – 2:00p	**BREAK**	
2:00p – 3:20p	Poster presentations	Zoom Break Out Rooms
3.20p - 3.30p	**BREAK**	
3:30p – 3:35p	Introduction of Plenary Speaker – Juliet Daniel, PhD	Rhonda McIntyre, MBBS
3:35p – 4:35p	**Plenary** – *"Adventures of a Barbadian in Cancer Research and the Ivory Tower of Academia"*	Juliet Daniel, PhD
4:35p – 5:00p	**Prize Giving, Summary and Closing Remarks**	Stephanie Date, MBBS Steen Pedersen, PhD Jennifer Connolly, PhD

ELIJAH PAINTSIL, MD

Professor of Pediatrics
Infectious Diseases
Yale University School of Medicine

Dr. Paintsil is a Professor of Pediatrics (Infectious Diseases), Pharmacology, Public Health, and Management at Yale University. He is the Chief of the Section of Pediatric Infectious Diseases and Global Health, Department of Pediatrics at Yale School of Medicine and the Program Director of Pediatric Infectious Diseases Fellowship Training Program, the Director of Pediatric AIDS Program at Yale-New Haven Hospital. His clinical interest is pediatric infectious diseases with special interest in prevention of mother to child transmission of HIV and the management of multidrug resistant HIV infection. His laboratory focuses on increasing the understanding of the host determinants of individual differences in response to antiretroviral therapy; biomarkers and pathogenesis of increasing incidence of cancers in HIV treatment-experienced individuals.

JULIET DANIEL, PHD

Professor
Department of Biology
McMaster University

Dr. Daniel is a Professor and Cancer Biologist at McMaster University, and Acting Associate Dean of Research and External Relations in the Faculty of Science. Professor Daniel's cancer biology research led to her discovery and naming of a new gene "Kaiso", coined from her favorite Caribbean music "calypso". Kaiso regulates the expression of genes that control cell proliferation, cell adhesion and cell motility. Consequently Kaiso's malfunction in cells leads to developmental disorders, and aggressive tumor growth and spread in various human cancers (e.g. breast, colon, prostate). Professor Daniel's team is currently studying the aggressive and difficult to treat triple negative breast cancers (TNBC) that are most prevalent in young women of African ancestry and Hispanic women – groups that despite a lower incidence and lifetime risk of breast cancer than Caucasian women, have a higher mortality rate from breast cancer.

POSTER #	RESEARCH TITLE	PRESENTING AUTHOR'S NAME
	MEDICAL EDUCATION/ EDUCATIONAL RESEARCH	
1	STEPS in Becoming Physician-Scientists	Liris Benjamin
2	Multifaceted academic tool: a protocol for teaching & learning	Maureen Hall
3	Capturing and analyzing targeted needs assessment of matriculating students at RUSM: Phase 1 results	Priyadarshini Dattathreya
4	Review of Syphilis Through Historical Art and Fashion for Teaching	Aarthi Chezian
5	The potential utility of an AI-powered literature review for COVID-19 questions	Amna Afreen
6	Low fidelity medical simulation to teach basic science cardiovascular concepts	George Saboura
	PUBLIC HEALTH/ INFECTIOUS DISEASES	
7	Comparison of top comorbidities, fatality rate of COVID-19, their correlation to hospital capacity among the first countries most affected during first 60 days	Negar Makhsous
	CLINICAL MEDICINE	
8	Disseminated Coccidioidomycosis of Chest Wall	Sandhya Dhital
9	Curcumins effects on Ulcerative Colitis: a meta-analysis and systematic review	Yousif Slim
10	P4 Women's Heart Study (Personalized, Participatory, Preventive, Predictive): The role of family history in vascular disease among African American women unsuspected of cardiovascular disease	Meldra Hall
11	Central Line-Associated Blood Stream Infections in NICUs	Mohamad Alhamwi
	CASE REPORTS	
12	A case of sigmoid volvulus in an unexpected demographic.	Mohammad Saba
13	Kratom induced Panic Attack	Raja Atchutuni
14	Tension Bullae With Peripheral Pneumothorax	Bushra Malik
15	Antiphospholipid syndrome and cholangiocarcinoma in a young male: An anomaly	Sangamithra Sathian
16	The mysterious case of the Papillary Fibroelastoma	Shafaq Shereen Khan
17	Presumed conversion disorder in a patient found to have new onset multiple sclerosis: challenges in diagnosis and treatment	Sinyun Lam
18	Peritoneal tuberculosis: a rare elevation in tumor markers.	Dilek Sen
	NERVOUS & PSYCHIATRIC SYSTEM/ BEHAVIORAL HEALTH	
19	Impact of Mind-Body medicine in Diabetes, Hypertension, and COPD Management	Dominique Jenkins
20	Psychophysiology of Self-Forgiveness	Thomas Ferrari
21	Mind-Body Medicine at RUSM: Implementation review and preliminary findings from a mixed-methods study	Christina Salama

63rd Research Day Symposium: Cultivating Physician Scientists

Plenary speakers: Juliet Daniel, PhD and Dr. Elijah Paintsil
January 22, 2021

Learning Objectives

At the end of this course, participants should be able to:

1.Demonstrate why physicians should consider a career in science.
2.Illustrate how clinical practice can shape research and how research and shape clinical practice.
3.Discuss established and evolving biomedical and epidemiological sciences.
4.Demonstrate a greater understanding of health disparities in breast cancer.
5.Demonstrate a greater understanding of professionalism, adherence to ethical principles and application to diverse patient populations.
6.Demonstrate a greater understanding of the research being conducted at RUSM and identify possibilities for collaboration.
7.Describe the impact of COVID-19 on the mental health of diverse of a FQHC in California.
8.Demonstrate an understanding of the primary mechanisms of social support found to be useful for geriatric patients during the COVID-19 stay-at-home order.
9.Describe each of the 7Ps
10.Define construct validity
11.Differentiate Exploratory Factor Analysis (EFA) and Confirmatory Factor Analysis (CFA)
12.Identify the methodology for the EFA and CFA
13.Explain the application of the results for RUSM students
14.Explain the basic argument for an anti-racism framework in medical education
15.Discuss the implementation of RUSM Anti-Racism Reading Program for 1st semester students
16.Summarize the evaluation framework used to create continuous quality improvement for this program
17.Explore the relationship between malnutrition and poorer clinical outcomes due to immune incompetence established both in cancer patients critically ill patients.
18.Determine the effect of dietary intervention on the quality of life and survival rates of ovarian cancer patients.
19.Explore how antioxidant production from fruit and vegetable consumption reduce free radicals and other cancer-causing agents that contribute to DNA damage and lead to cancer and other chronic health conditions.

Target Audience

Physicians, nurses, counselors, psychologists, physician assistants, pharmacists, other allied health care professionals and RUSM clinical and basic science faculty

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DISCLOSURES

Speaker Disclosure

In accordance with the ACCME Standards for Commercial Support of CME, the speakers for this course have been asked to disclose to participants the existence of any financial interest and/or relationship(s) (e.g., paid speaker, employee, paid consultant on a board and/or committee for a commercial company) that would potentially affect the objectivity of his/her presentation or whose products or services may be mentioned during their presentation. The following disclosures were made:

Planning Committee Members:

- Liris Benjamin, Course Director – No Relevant Relationships
- Thomas Butler – No Relevant Relationships
- Jennifer Connolly –No Relevant Relationships
- Stephanie Date –No Relevant Relationships
- Mounia Hanzazi –No Relevant Relationships
- Steen Pedersen – No Relevant Relationships
- Nathalie Watty Brouwer, Coordinator – No Relevant Relationships
- Rhaseda Skeete – No Relevant Relationships
- Barbara Forney - No Relevant Relationships

Speakers:

- Juliet Daniel- No Relevant Relationships
- Elijah Paintsil - No Relevant Relationships
- Brittany M. Barba - No Relevant Relationships
- Daria Ellis - No Relevant Relationships
- Karie Gaska - No Relevant Relationships
- Alexandra Laws - No Relevant Relationships

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