

# 2019-2020 KL2 JOHNS HOPKINS CLINICAL RESEARCH SCHOLARS PROGRAM

Johns Hopkins University Schools of Medicine, Public Health and Nursing

	<p><b>KELLY GLEASON, PHD</b> School of Nursing</p> <p><b>MENTOR:</b> Dr. David Newman-Toker</p> <p><b>RESEARCH INTERESTS:</b> Diagnostic error, informatics, patient engagement</p> <p><b>E-MAIL:</b> kgleaso2@jhmi.edu</p>	<p>Dr. Gleason is an assistant professor at Johns Hopkins School of Nursing. She led the development of an institution-wide service that leverages the patient portal for research, and continues to work on helping researchers leverage the electronic medical record for research. Dr. Gleason serves as the co-lead of the Armstrong Institute's Center for Diagnostic Excellence's Team Core, and leads a national Nurses and Diagnosis Community of Practice. Dr. Gleason's research focuses on integrating patient-reported information with electronic medical record data to improve diagnostic processes.</p>
	<p><b>MATTHEW IPPOLITO, MD</b> SOM – Medicine SPH - Molecular Medicine and Immunology</p> <p><b>MENTOR:</b> Dr. Theresa Shapiro</p> <p><b>RESEARCH INTERESTS:</b> Malaria, clinical pharmacology, clinical trials</p> <p><b>E-MAIL:</b> mippolito@jhu.edu</p>	<p>Dr. Ippolito is an assistant professor. His research focuses on antimalarial drug PK/PD in the context of malaria control and elimination, and malaria epidemiology in high-transmission settings recalcitrant to current control measures. Emphasis is on field-based Phase II/III trials of artemisinin-based combination therapies, and PK drug interactions between antimalarial agents co-administered with antiretroviral and antituberculosis drugs. Field sites include Zambia and Brazil. Dr. received his M.D. at The Geisel School of Medicine at Dartmouth.</p>
	<p><b>TANYA McDONALD, MD, PHD</b> SOM- Neurology Johns Hopkins Epilepsy Center</p> <p><b>MENTOR:</b> Dr. Mackenzie Cervenka</p> <p><b>RESEARCH INTERESTS:</b> Ketogenic diet, epilepsy, cardiovascular health.</p> <p><b>E-MAIL:</b> twill145@jhmi.edu</p>	<p>Dr. McDonald is an assistant professor in the Department of Neurology at the Johns Hopkins School of Medicine. She completed her undergraduate studies at Emory University and received her medical and doctoral degrees from Cornell University. She trained in neurology and epilepsy at Johns Hopkins and joined the faculty in 2018. Her clinical efforts focus on the diagnosis and treatment of epilepsy and seizures. Her research focuses on the impact of ketogenic diets like the modified Atkins diet on cardiovascular health measures in adults with epilepsy.</p>
	<p><b>ANNA SICK-SAMUELS, MD, MPH</b> SOM - Pediatric Infectious Diseases</p> <p><b>MENTOR:</b> Dr. Aaron Milstone</p> <p><b>RESEARCH INTERESTS:</b> Pediatric Infectious Diseases, Hospital infection prevention, antibiotic resistance</p> <p><b>E-MAIL:</b> asick1@jhmi.edu</p>	<p>Dr. Sick-Samuels is an instructor of pediatrics at the Johns Hopkins University School of Medicine. Dr. Sick-Samuels grew up in Baltimore, Maryland. She attended medical school at Johns Hopkins University School of Medicine, during which time she also obtained a Master's Degree in Public Health from the JHU Bloomberg School of Public Health. She completed pediatrics residency at the Children's Hospital of Pittsburgh. After completion of fellowship in Pediatric Infectious Diseases at the JHU School of Medicine, she joined the faculty in 2019 in the Division of Pediatric Infectious Diseases.</p> <p>The focus of Dr. Sick-Samuel's research is to understand the epidemiology and develop effective strategies to prevent multidrug-resistant healthcare-associated infections in children.</p>
	<p><b>SCOTT PILLA, MD</b> SOM - Division of General Internal Medicine</p> <p><b>MENTOR:</b> Dr. Nisa Maruthur</p> <p><b>RESEARCH INTERESTS:</b> Diabetes mellitus, aging, hypoglycemia prevention, patient safety</p> <p><b>E-MAIL:</b> spillal@jhmi.edu</p>	<p>Dr. Scott Pilla is a board-certified internist, Assistant Professor of Medicine and Associate Faculty in the Welch Center for Prevention, Epidemiology and Clinical Research. He earned his M.D. at the Robert Wood Johnson Medical School. He completed internal medicine residency at Johns Hopkins Bayview, the Master of Health Sciences from the Bloomberg School of Public Health, and the Johns Hopkins General Internal Medicine Fellowship. Dr. Pilla's research focuses on the individualized care of patients with diabetes, especially with regards to choosing optimal medical therapy for older adults and preventing hypoglycemia and other treatment-related harms.</p>

	<p><b>JANET ALEXANDER, MD</b> University of Maryland, Baltimore SOM – Ophthalmology and Visual Sciences</p> <p><b>MENTOR:</b> Dr. Steven Bernstein</p> <p><b>RESEARCH INTERESTS:</b> Vision development, congenital and juvenile cataract and glaucoma, anterior segment dysgenesis, image analysis, artificial intelligence</p> <p><b>E-MAIL:</b> <a href="mailto:jalexander@som.umaryland.edu">jalexander@som.umaryland.edu</a></p>	<p>Dr. Janet Alexander is an assistant professor of Ophthalmology and Pediatrics. She earned her M.D. at University of Pittsburgh and completed her ophthalmology residency at the George Washington University. She completed a General Surgery internship at Northwestern University and a Pediatric Ophthalmology and Strabismus Fellowship at Children’s National Medical Center in 2013.</p> <p>Dr. Alexander’s clinical interests focus on a broad range of pediatric ophthalmic conditions including genetic ocular disease, retinopathy of prematurity, strabismus, and anterior segment diseases including congenital cataracts and congenital glaucoma. Her research interests include automated ocular image analysis using novel techniques and artificial intelligence to enhance diagnosis and treatment for childhood glaucoma, and other potentially blinding eye conditions.</p>
	<p><b>RUTH-ALMA TURKSON-OCRAN, PHD</b> SOM - Division of General Internal Medicine</p> <p><b>MENTOR:</b> Dr. Nisa Maruthur</p> <p><b>RESEARCH INTERESTS:</b> Cardiovascular metabolic, and kidney diseases and risk factors, immigrant health, health disparities</p> <p><b>EMAIL:</b> <a href="mailto:rturksol@jhmi.edu">rturksol@jhmi.edu</a></p>	<p>Dr. Turkson-Ocran is a board-certified Family Nurse Practitioner undertaking a postdoctoral fellowship in Obesity and Cardiovascular disease offered by the American Heart Association at the Johns Hopkins University School of Medicine. She earned her PhD at the Johns Hopkins University School of Nursing and obtained her Master in Nursing and Master in Public Health from the University of Texas Health Science Center at Houston. Her dissertation research focused on examining cardiometabolic risk factors in underserved populations. Dr. Turkson-Ocran is currently working with Dr. Maruthur on a randomized, control trial to examine the effects of time-restricted eating on cardiometabolic outcomes. Dr. Turkson-Ocran’s research focuses on cardiometabolic diseases, their risk factors, and health disparities.</p>
	<p><b>IKRAK JUNG, PHD</b> School of Medicine</p> <p><b>MENTOR:</b> Drs. Rexford S. Ahima and Sangwon F. Kim</p> <p><b>RESEARCH INTERESTS:</b> Diabetes mellitus, insulin resistance, beta cell dysfunction, nonalcoholic fatty liver disease</p> <p><b>E-MAIL:</b> <a href="mailto:ijung4@jhmi.edu">ijung4@jhmi.edu</a></p>	<p>Dr. Ikrak Jung is a postdoctoral fellow at Johns Hopkins School of Medicine. He earned his Ph.D at Ajou University, South Korea. He was a postdoctoral fellow at Ajou University and Rutgers University, and moved to Johns Hopkins University in 2018. His research focuses on the role of Inositol Polyphosphate Multikinase in beneficial effects of time restricted feeding to find the molecular target(s) which can be manipulated by pharmacological reagents.</p>