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Full	First Name	Last Name	Email	School	continent	Country	City	Disease	Funding Source	Short Description of Research
Titilayo	Titilayo O.	llori	tilori1@bu.edu	Med	Africa	Nigeria, Ghana	Lagos, Accra,	Chronic Kidney	NIDDK	Chronic kidney disease (CKD) individuals Among
O.llori							Enugu, Ibadan,	Disease		malignant Apolipoprotein L1 (APOL1).
							Ife, and Abuja			Approximately 13% of African Americans and
										25% of West Africans carry high risk renal
										genotypes, comprising of any combination of the
										two APOL1 risk variants, G1 and G2. This re-
										submission for a National Institute of Diabetes
										and Digestive Kidney Diseases Patient-Oriented
										Research Career Development Award (K23)
										seeks to support Dr. Titilayo Ilori, an Assistant
										Professor at the Boston University School of
										Medicine, who wants to build a career focused on
										mechanistic and interventional studies on the
										effect of dietary factors and lifestyle on CKD
										incidence and progression in both low- and
										adequately-resourced settings, especially in the
										context of genetic and genomic risk variants. Dr.
										llori's prior research has focused on health
										disparities in CKD and secondary data analysis of
										nutrition-related exposures and outcomes in
										kidney disease. Dr. Ilori intends to extend the
										scope of her research towards designing
										prospective studies to study the role of dietary
										sodium and potassium in CKD progression and
										APOL1 Nephropathy in Africans. Accordingly, her
										K23 training is focused on acquiring skills in
										global health research, nutritional and genetic
										epidemiology in CKD, statistical genetics and
										advanced biostatistics skills in longitudinal data
										analysis, and biomarkers of CKD. We propose a
										research project that leverages the Human
										Hereditary and Health in Africa Kidney Disease
										Research Network and addresses the following
										research aims: 1) a cross-sectional and
										prospective examination of the associations of
										dietary sodium, potassium, and oxalate intake –
										assessed through 24h urine collections in
										Africans; 2) a cross-sectional and prospective
										study to determine the associations of dietary
										patterns with CKD and CKD progression; 3)
										diet:gene interaction studies to examine whether
										dietary factors (sodium, potassium, oxalate, or
										dietary patterns) modify the effect of association
										of APOL1 renal genotypes on CKD progression.
										This is an important project because it may
										identify if dietary factors are modifiable risk factors
										for CKD progressions in Africans in SSA, where
										the cost of dialysis and renal transplantation is
										prohibitive. Additionally, evidence that diet alters
										the risk of nephropathy in those with high-risk
										APOL1 renal risk alleles could be important in
										investigating new therapeutic targets for APOL1
										Nephropathy.
Elijah	Elijah	Paintsil	Elijah.paintsil@bmc.org	Med	Africa	Ghana				HIV
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Sherral Devine	Sherral	Devine	sdevine@bu.edu	Med	Africa	Ghana, DR Congo, Tanzania), Malaysia	Pending	Brain aging (e.g., Alzheimer's disease and other dementias; healthy brain aging)	Pending	Most work is around infrastructure development in collaboration with local research teams with the end goal of stepping out when they achieve independence; focus on collecting digital cognitive data for early detection of AD.
Lawrence Were	Lawrence	Were	werelpo@bu.edu	SPH, Sargent College, GDP Center, Pardee Center	Africa	Kenya, Ethiopia, Ghana, Zimbabwe, South Africa] & Nepal.	Various	HIV, Mental Health, IPV, Cervical Cancer, Climate Change, Health Insurance Reforms, Health Systems Reforms	Various	My research focuses on application of health economics & health services research in the estimation of the impact of reforms within healthcare systems and health insurance programs on the outcomes of marginalized and high-risk populations such as informal traders, people experiencing mental health challenges, and HIV+ individuals including pregnant women and their children. I am also interested in Global Health, Complex Emergencies, HIV/AIDS financing mechanisms, and Geo-Spatial aspects of public health.
Lisa Messersmith	Lisa	Messersmith	ljmesser@bu.edu	SPH	Africa	Ghana	Kumasi			Research to inform the design, implementation, and evaluation of a harm reduction program for people who inject drugs.
Kaku So- Armah	Kaku	So-Armah	kaku@bu.edu	Med	Africa	Ghana, Uganda	Accra, Kumansi, Mbarara	unhealthy alcohol use, tuberculosis, HIV, heart disease	NIH/Fogarty	
Lindsey Locks	Lindsey	Locks	lmlocks@bu.edu	SPH/Sargent	Africa	Ghana, Zambia, South Africa, India & Nepal	several	Malnutrition & micronutrient deficiencies	Various	Dr. Locks is a global health nutritional epidemiologist with particular expertise in childhood malnutrition (stunting, wasting and anemia) and infant and young child feeding. She is currently the PI or co-I on several projects designed to prevent undernutrition and micronutrient deficiencies in women and children, as well as research on nutrition interventions to reduce TB-related morbidity and mortality.
Brian Jack	Brian	Jack	bjack@bu.edu	Med	Africa	Lesotho	Leribe and Maseru	Primary Care	NIH, Foundations, USAID	
Stephen P. Christiansen, MD	Stephen	Christiansen	spchris@bu.edu	Med	Africa	Lesotho	Leribe	Africa	Department	
Kate Flewelling	Kate	Flewelling	flewkate@bu.edu	BUMC Library		Lesotho				Alumni Medical Library provides support for global health initiatives in several ways including: health information consultation and support for you and your global partners, including connecting them to low or no cost scholarly resources and providing in country or virtual training on literature searching; resources to track impact of your research; and resources about different countries/regions for BU staff, students and faculty
Karsten Lunze	Karsten	Lunze	lunze@bu.edu	Med	Africa	Uganda Zambia; Kazakhstan; China; Ukraine; Georgia; Belize	Mbarara, Uganda (together with Jeffrey Samet); Lufwanyama, Zambia; Almaty, Kazakhstan; Guangxi, China; Kyiv and Kharkiv, Ukraine; Tbilisi,	HIV, TB, substance use and other stigmatized conditions (UG, KZ, CH, BZ, UKR, GEO), youth, maternal and newborn health (KZ, ZAM and BZ)	NIH (NIDA, NIMH, NIAAA, NIAID)	Our research vision is to improve access to quality care for disadvantaged populations globally. Our research mission is to develop and evaluate behavioral and pharmacological interventions that empower people and improve their health; to innovate care models and their implementation; and to help disseminate best practices and improve health policy.

							Georgia; Stann Creek, Belize			
Gene Kwan	Gene	Kwan	genekwan@bu.edu	Med	Africa	Rwanda, Haiti		Heart failure, hypertension, non- communicable diseases	NIH	I study resource-effective interventions to improve access to care for patients living with non-communicable diseases including heart failure and hypertension in rural regions of Rwanda and Haiti. The interventions I study are targeted at patients to improve adherence to care by lowering barriers, and at providers to improve training efficiency and performance.
Larry G.Dunham	Larry	Dunham	lgdunham@bu.edu	GSDM	Africa	South Africa				
Karen Jacobson	Karen	Jacobson	kjacobso@bu.edu	Med	Africa	South Africa	Cape Town/Worcester	Tuberculosis Disease, Tuberculosis Infection	NIH Foundations	I study the epidemiology of infectious diseases, with a primary focus on tuberculosis. With local and international partners, my group combine epidemiological approaches with bacterial and host genetic data and statistical models to explore questions about tuberculosis transmission and outcomes. Much of our work is in persons who use substances. Our collaborations also leverage large data sets to understand TB disease burden from routinely collected laboratory data.
Rachel Shing	Rachel	Shing	rachel.shing@bmc.org	Med	Africa	South Africa, Namibia	SA - Cape Town, NAM - Oshakati	Emergency Medicine, traumatic injuries, point of care ultrasound use	Department pilot grant. Would love assistance figuring out how to find more funding to continue training projects initiated.	-Providing point of care ultrasound training to physicians working in resource limited global health settings, at district level government hospitals (non-tertiary care centers)-Use of remote and mobile technology (handheld ultrasound devices) to deliver point of care ultrasound training. For Specific Research - Assessment of referral requests for radiology performed ultrasound examinations performed at a rural intermediate hospita I-Diagnostic validity of point of care lung ultrasound for pulmonary tuberculosis
David Hamer	David	Hamer	dhamer@bu.edu	SPH	Africa	Zambia, Uganda, Malawi,Rwanda	Lusaka, Ndbda, Gulu, Bhatgke, Kigal	Emerging infectious diseases; maternal, newborn, and child health; nutrition; antimicrobial resistance	NIH, FIC	I run a global emerging infectious disease surveillance network that has 70 sites in 30 countries
David Henderson	David	Henderson	dchenden@bu.edu	Med	Africa				NIMH	
David Gillerman	David	Gillerman	dgillerm@bu.edu	BUMC	Africa	Africa, India				
Maria Argos	Maria	Argos	argos@bu.edu	SPH – Environmental Health	Asia	Bangladesh	Araihazar	Chronic diseases across the life course (cancers, cardiometabolic and respiratory diseases)	NIH/NIEHS/Fogarty	The Bangladesh Research in Environmental Health (BiRCH) cohort was established in 2014 and includes 500 maternal-child dyads residing in Araihazar, Bangladesh. Children were aged 5-7 years at the time of enrollment, and we continue to follow participants into adolescence with a focus on the impact of early-life environmental exposures on cardiometabolic health trajectories and biological aging. Data and archived biospecimens are available for future research as well as the opportunity for new data collection as part of ongoing fieldwork. The mothers of BiRCH participants are participants of the Health Effects of Arsenic Longitudinal Study (HEALS), which has collected 20+ years of longitudinal data focused

										on characterizing arsenic exposure's health impacts and can be leveraged in future research. In-country research training in environmental and occupational epidemiology is supported through a collaborative Fogarty U01/U2R project
Nina Brooks	Nina	Brooks	nrbrooks@bu.edu	SPH	Asia	Bangladesh	Countrywide	Climate change, air pollution; respiratory health; reproductive health; maternal and child health	JPAL	
Andrew Taylor	Andrew	Taylor	awtaylor@bu.edu	Med	Asia	China SAR Hong Kong	Hong Kong	Diabetic Retinopathy and retinal degeneration.	Wing Tat Lee Award from the med school	We research the molecular mechanism of ocular immune privilege to understand the normal pathways that promote a healthy retina, the light-gathering tissue of the eye. One of the molecules involved is the neuropeptide α -melanocyte-stimulating hormone (α -MSH), which prevents inflammation and promotes cellular survival under stressful conditions. With our collaborators, we are assessing the use of α -MSH as a therapeutic drug to protect the retina from inflammation, diabetes, and age-related degeneration to preserve vision.
Huitong Ding	Huitong	Ding	dinghtut@bu.edu	Med	Asia	China	Hatei			
Lucy Lu	Lucy	Lu	mllu@bu.edu	Med	Asia	China			NIH	
Hui Feng	Hui	Feng	huifeng@bu.edu	Med	Asia	China, Italy	Guang Zhou/Pavia		WTL/Dahod Pilot Grant	
Nelson Lau	Nelson	Lau	nclau@bu.edu	Med	Asia	HK Taiwan Cambodia China	Various	Vector Borne Diseases	Wing tat Lee and Startup	
Anoop Jain	Anoop	Jain	anjain@bu.edu	SPH	Asia	India	Bihov/Jharlbahrd		NIH Foundations	
Nidhi Lal	Nidhi	Lal	Nidhi.lal@bmc.org		Asia	India		tuberculosis	none	working with Collaboration for Elimination of Tuberculosis in India
Muskaan Khemani	Muskaan	Khemani	mkhemani@bu.edu	SPH	Asia	India, Caribbean	Countrywide	Climate	Formas. NIH	I worked on a project building high-resolution temperature and air pollution models at 1km resolution nationwide. Caribbean - I'm building a Caribbean Consortium to elevate climate and health researchers in the region, to convene researchers, to implement the research agenda, and disseminate their research.
Jeff Markuns	Jeff	Markuns	jmarkuns@bu.edu	Med	Asia	Mynammar, Laos, Cambodia, Vietnam			Various	
David Jernigan	David	Jernigan	dhjern@bu.edu	SPH	Asia	Philippines, Brazil, Mexico, Kenya	National Level	alcohol problems	Vital Strategies	Technical advisor to multi-country project seeking to reduce alcohol problems at the population level by implementing evidence-based alcohol policies
PhuongThao Le	PhongThao		ptle@bu.edu	SPH	Asia	Vietnam	Hanoi, Hue, Ho Chi Minh City, Da Nang	Mental health, Cancer, HIV	NIH/FIC	Project 1 (K01; PI): Adaptation and pilot a stress management intervention among cancer patients. Project 2 (D43; Co-I): Strengthen implementation science research capacity to support acceleration of implementation and scale-up of noncommunicable disease (NCD)-related evidence-based interventions in the context of HIV care in Vietnam and Southeast Asia.
Viken L Babikian, MD	Viken	Babakian	babikian@bu.edu	Med	Europe	Armenia	Yerrevan	cerebrovascular disease and neurology.	BU-AMP	

Aram Kaligian, MD	Aram	Kaligian	aram.kaligian@bmc.org	Med	Europe	Armenia			BU-AMP	
Ben Wolozin	Ben	Wolozin	bwolozin@bu.edu	Med	Europe			Alzheimer's disease and related disorders		I am not directly doing global research yet, but have an interest in it
Rhoda Au	Rhoda	Au	rhodaau@bu.edu	Med	Europe	Asia, Africa	Ongoing	cognitive aging, dementia/Alzheimer's disease	Alzheimer's Research UK and pending from NIA;	Deploy a research protocol centered around digital technologies and blood collection to create a globally representative data resource that fills the current research data gaps in Alzheimer's disease and related dementias. My own work centers around develop the front and back-end infrastructure to support collection, discovery and validation of multi-sensor digital biomarkers, and shift the current focus on precision medicine to a broader emphasis on precision brain health.
Ilia Nadareishvili	Ilia	Nadareishvili	inadarei@bu.edu	Med/David Tvildiani Medical University	Europe	Georgia	Tbilisi and nationwide	We do research relevant to many health conditions, including addiction, substance use, online gaming, other mental health conditions, among others.	NIH NIDA, Shota Rustaveli National Science Foundation of Georgia (SRNSF), European Union (Horizon 2020, Horizon Europe), World Health Organization	1.Addiction medicine: whether cannabis use increased among young adults (ages 18-29 years) after national policy changes in Georgia. We found a minimal shift of cannabis use in young adults following implementation of recreational cannabis use legalization in Georgia, suggesting a possible formula for cannabis legalization in similar contexts. 2. Policy and studies: analysis of COVID-19 policies in 2020-2021 in Georgia, which coincided with a politically volatile period and gained international attention on political determinants of health. I led the first internationally published study on Complementary and Integrative Medicine coming from Georgia. I coordinated an international effort to address the challenges posed by the raging infodemic in Europe, and did a study for World Health Organization on public-private partnerships and accountability for women's and children's health (contributing to a UN report). 3.Mental health research. I led a university students' survey on COVID-19 effect on their mental health, specifically depression, anxiety, suicidality and substance use. This study found very high depression and anxiety levels among Georgian university students, produced actionable recommendations. I also joined an international consortium studying online computer gaming (one of the most acute and less studied addiction challenges) among university students, leading the Georgian work package. 4. Medical education research: Working at the Medical Education Center, I contributed to several international studies in medical education and doing research on research. We brought digital innovations and neglected topics to the attention of academic and education management communities. Recently, we published a research protocol proposing a study which aims to evaluate and demonstrate the first significant evidence for the value of Virtual Patient resources in outreach and training endeavors for empowering and patients with atrial fibrillation.
Julia Cashdo Carbajo	Julia	Casdo- Carbajo	julia.casado.carbajo@gmail.com	Hospital Germans	Europe	Spain	Barcelona	Alcohol Use disorder	Insitituto Carlos III	Describing biological markers that can predict poorer outcomes among patients with alcohol use
				Trias i Pujol						disorder. Currently, analysing association

				(Barcelona, Spain) Currently a BMC observer in Addiction						between systemic inflammation and monocyte activation markers and mortality.
Jeffrey Samet	Jeffrey	Samet	jsamet@bu.edu	Med	Europe	Russia	St Petersburg		NIDA.NIAFIA-NIH	
Michelle Henshaw	Michelle	Henshaw	Mhenshaw@bu.edu	GSDM	S & Central America	Caribbean, Nicaragua	Eletura, Esteli			
Madeleine Scammell	Madeleine	Scammell	MLS@bu.edu	SPH	S & Central America	El Salvador, Nicaragua			NIDDK, NIEHS, Fogarty	
Joseph Leanza	Joseph	Leanza	joseph.leanza@bmc.org	Med	S & Central America	Iraq, Ukraine, Mexico	Duhok, Erbil, Kharkiv, US- Mexico Border	focused on Emergency Medicine and Humanitarian Relief	UNDP/MGH	Humanitarian relief in various locations, Emergency Medicine specialty development and ultrasound training
Samantha Truong	Samantha	Truong	samantha.truong@bmc.org	Med	S & Central America	Mexico	Jaltenango de la Paz, Chiapas	Sexual and reproductive health, maternal health, global OB/GYN	Ongoing	Capacity-building in sexual and reproductive health for birth centers and community health clinics supported by Partners In Health/Compañeros En Salud in Chiapas, Mexico, including the development of care algorithms, training in obstetric emergencies, and research centered on respectful maternity care, birth equity, reproductive access, and refugee/immigrant health.
Jessica Leibler	Jessica	Leibler	jleibler@bu.edu	SPH	S & Central America	Nicaragua	Multiple	kidney disease	NIH	Leading a cohort study of adolescents and CKD endpoints, focused around environmental exposures and kidney health. Interest in maternal and child health, occupational health, and multiple environmental exposures (heat, chemicals, water quality, infectious diseases).
Maria Prom	Maria	Prom	maria.prom@bmc.org; mariaprom@gmail.com	Med	S & Central America	Peru	Lima, Huanuco	Mental Health	NIMH	Our collaborative team focuses on addressing the mental health care access gap in under-resourced settings. Presently we are developing and implementing integrated mental health care systems and services initiatives, including training of non-mental health professionals.
Christian Arbelaez, MD, MPH	Christian	Arbelaez	christian.arbelaez@bmc.org	Med	S & Central America	Colombia, Armenia through BU efforts	NA	NA	NA	
Kevin Outterson	Kevin	Outterson	mko@bu.edu	Law		Globally	Many	bacterial infections	G7 governments + foundations	www.carb-X.org
Frank Samonte	Francis	Samonte	frsamont@bu.edu	SPH		United States	Boston	MA		**Neurodevelopmental Disorders**: Expertise in diagnosing and managing neurodevelopmental disabilities in children, with a particular focus on neurotoxicological impacts on the developing brain, influenced by both environmental exposures and genetic predispositions. 2. **Pediatric Neurology**: Extensive clinical background in pediatric neurology, including the assessment and treatment of neurological disorders in children, such as epilepsy, developmental delays, and neuroinflammatory

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									3. **Neurotoxicology**: Deep understanding of how chemical and biological exposures impact neurological health, particularly in vulnerable populations, like children and veterans. Research emphasizes neurobiological outcomes measured through imaging, neurobehavioral assessments, and biomarker analysis.
									4. **Public Health Policy in Neurological and Pediatric Health**: Advising on health policies to improve neurological outcomes, address environmental health disparities, and support mental health, particularly in relation to noncommunicable diseases and global health issues, such as the effects of climate change on population health.
									5. **Population Health Research**: Conducting large-scale, population-based studies on the epidemiology of neurological and neurodevelopmental disorders, focusing on chemical and environmental exposures, particularly in high-risk populations, such as veterans or communities facing climate-related health challenges.
Cassandra Edwards	Cassandra	Edwards	sauny@bu.edu	Med	US	Nationwide		NIH – NCI	The Black Women's Health Study is a large, prospective follow-up study of African-American women from across the United States. The BWHS began in 1995 when 59,000 women ages 21-69 completed postal health questionnaires. A letter accompanying the questionnaire invited the women to participate in a long-term follow-up study of the health of African-American women. Every 2-3 years they are sent a follow-up questionnaire to obtain information on the occurrence of cancer and other diseases and on risk factors for these diseases.
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