Name	Headshot	Department/School	Phenotype	Email	Project description	Academic interests	Skills offered
Stacy Andersen-Toomey		Geriatrics/BUSM	Scientist Educator	stacy@bu.edu	To investigate qualitative features of neuropsychological test performance and prepare a K application.	• Exceptional aging • Neuropsychology	• Clinical research • Project management • IRB applications
Hugo J. Aparicio		Neurology, BUSM	Clinician Investigator	hugoa@bu.edu	Formulate specific aims for an early career grant application using data from the Framingham Heart Study	• Stroke • Neuroepidemiology • Health disparities • Public health	• Qualitative research skills • Clinical expertise in vascular neurology
Rachael Bonawitz		Global Health, BUSPH & Pediatrics, BUSM	Clinician Educator	rebonawi@bu.edu	- Completion of prospective study of HIV-exposed infants in Uganda - Mentoring of MPH student in above project - Preparation of K application	• Pediatric HIV • Practice-based learning • Improving delivery of care in resource-limited settings	• Clinical expertise • Problem-based learning • Some quantitative methods/epi methods
Anna M. Cervantes-Arslanian		Neurology/Neurosurgery (Neurocritical Care), BUSM	Clinician Administrator	Anna.cervantes@bmc.org	"Stroke Champion" – organize multi-disciplinary team to prepare application for certification as a Joint Commission / AHA/ASA Comprehensive Stroke Center	• Stroke • Neurocritical Care • Infectious diseases of the nervous system	• Team building • Leadership • Organization
Christine Gunn		General Internal Medicine, BUSM & Health Law, Policy and Management, BUSPH	Population Scientist	cgunn@bu.edu	My goal is to submit a career development application and obtain funding from either the NCI (K07) or American Cancer Society (Mentored Research Scholar Award).	• Risk perception • Decision-making • Cancer prevention • Low literacy populations	• Qualitative Research • Mixed Methods • IRB Applications • Primary data collection
Rosha Forman		OBGYN, BUSM	Clinician Investigator	Rosha.forman@bmc.org	I plan to implement a pilot study to test the feasibility and efficacy of the "Rebozo" method to augment labor.	• Physiologic birth • Breastfeeding • Community health	• Clinical experience • Community health experience • Management experience

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Jingyan Han		Vascular Biology, BUSM	Basic Scientist	jingyanh@bu.edu	To develop and draft research proposal on the role of redox signaling in vascular dysfunction and atherosclerosis	• Endothelial cell biology • Redox biology • Cardiovascular diseases	• Experimental cardiovascular biology • Redox signaling
Gene F. Kwan		Cardiovascular Medicine, BUSM	Clinician Investigator	genekwan@bu.edu	My long-term goals are to develop and utilize evidence-based approaches for chronic cardiovascular disease diagnosis and management in rural low- and middle-income countries to overcome health barriers by influencing programmatic development and health policy.	• Global CVD epidemiology • Health outcomes research • Implementation Science	• Program implementation in global health • Quantitative methods
Rossana Lau-Ng		Geriatrics, BUSM	Clinician Educator	rossana.lau-ng@bmc.org	My project is to develop a curriculum for 4th year medical students that examines the discharge summary as a critical medical document during transitions of care.	• Interprofessional education, • Medical education • Long term care/SNFs	• Small group facilitation • Precepting • Communication
Ivan Luptak		Cardiology, BUSM	Clinician Investigator	Ivan.luptak@bmc.org	Role of manipulation of intracellular sodium in treatment of obesity related heart disease.	• Basic and Translational Science	• Multinuclei NMR spectroscopy
Jolion McGreevy		Emergency Medicine, BUSM	Clinician Educator	Jolion.mcgreevy@bmc.org	Empirical work in bioethics, especially related to vulnerable patients in the emergency department.	• Bioethics • Emergency medicine	

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Cheryl McSweeney		Family Medicine, BUSM	Clinician Educator	cmcswee@bu.edu	I am revamping the public health curriculum in first year of the medical school. I plan to incorporate more interactive integrated learning and would like to turn this work into scholarship.	• Community medicine, • Public health • Reproductive health • Disparities due to language/literacy barriers	• Using technology in education • Variety of clinical experiences
Pooja Mehta		OBGYN, BUSM	Clinician Investigator	Pooja.mehta@bmc.org	Mixed methods study to identify unmet needs/barriers to care and perspectives of high utilizers of unscheduled care with substance use disorder during pregnancy; adapting findings for a community health worker intervention	• Health care delivery innovation • Social support interventions to improve outcomes • Reproductive autonomy & address disparities	• Qualitative research • Health policy • Community-based participatory research
Melih Motro		Orthodontics and Dentofacial Orthopedics, GSDM	Clinician Investigator	mmotro@bu.edu	The aim of this project is 1- To identify the role of TGF-β3 in fusion of palatal shelves 2- To identify the EMT process induced by TGF-β3	• 3D Imaging and evaluation of orthodontic treatment outcomes • Cleft Lip and Palate treatment	• Qualitative research skills
Jordana Weil Price		Family Medicine, BUSM	Clinician Educator	Jordana.price@bmc.org	Improving postpartum follow up and improve transition to primary care	• Maternal and child health • Addiction medicine • Chronic pain	

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Jon Scalera		Radiology, BUSM	Clinician Educator	Jonathan.Scalera@bmc.org	We plan to use texture analysis and machine learning to better characterize disease. We hope to be able to subtype renal masses by imaging alone.	• Machine Learning • Texture Analysis • Teaching • Application of Technology to Medicine	• Basic programming skills • Matlab knowledge • Image Guided Therapy
Afi Mansa Semenya (Mansa)		Family Medicine, BUSM	Clinician, Educator	asemenya@bu.edu	Exploring perceived discrimination in outpatient setting	• Health disparities, • chronic disease, • preconception care	• Qualitative research skills
Shwetha Sequeira		General Internal Medicine, BUSM	Clinician Educator	shsequei@bmc.org	Improve the rates of controlled hypertension (BP <140/90) for adult patients with hypertension who are enrolled in Blue Cross Blue Shield of Massachusetts alternative care contract (AQC) within general internal medicine primary care practice at Boston Medical Center.	• Develop and evaluate clinical workflows around application of EMR based tools and quality data to improve quality of care and reduce provider burn out.	• MSc in health services research from BU SPH where my primary thesis project was around evaluating quality of care for STI's across different clinical settings. • Three years as clinical lead for population health in internal medicine adult primary practice. • Our current projects have helped to improve performance on routine cancer screening and chronic disease (diabetes) monitoring.

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Rachel Simmons		Infectious Diseases, BUSM	Clinician Educator	Rachel.Simmons@bmc.org	I am working on improving faculty assessment of clinical competence in the inpatient setting. The aim of my project is to increase the quality of written faculty evaluations of residents on end of rotation evaluations.	• Assessment and evaluation of trainees • Remediation	• Evaluation design • AGCME IM Milestones knowledge
Astha Singhal		Health Policy and Health Services Research, GSDM	Population Scientist	asinghal@bu.edu	Examine the impact of Medicaid expansion under the Affordable Care Act on access to dental care among low-income adults	• Policy analyses • Medicaid and dental coverage	• Quasi-experimental studies and causal inference • Policy evaluation
Maria Stefanidou		Neurology, BUSM	Clinician Investigator	mastefan@bu.edu	Examine the role of cardiovascular risk factors and identify inflammatory, imaging, cognitive and genetic biomarkers of late onset epilepsy in a consortium of 4 large community-based cohorts.	• Epilepsy • Headache • Neuroepidemiology	• Clinical expertise in Epilepsy, Epilepsy surgery and Headache medicine • Scalp and intracranial EEG interpretation • Cortical mapping
Huihong Xu		Pathology, BUSM	Clinician Educator	Huihong.xu@bmc.org	To determine the potential roles of P16 ^{Ink4a} and WNT16B in self-limited colorectal hyperplastic polyps and progressive dysplastic serrated polyps.	• Colorectal cancer research and biomarkers	• Immunohistochemistry • Molecular and histomorphology analysis
Tina Yarrington		OBGYN, Maternal Fetal Medicine, BUSM	Clinician investigator	Christina.yarrington@bmc.org	Implement prospective cohort study examining association between first trimester ALT and AST as markers for nonalcoholic fatty liver and fetal macrosomia and anthropometry	• Medical ethics • Population health • Metabolic syndrome and obesity	• Some training in quantitative research methods • Utilization of social media in outreach

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Elizabeth Yellen		Pediatric Cardiology, BUSM	Clinician Educator	Elizabeth.yellen@bmc.org	Develop a series of "activated observation" modules to enhance 3rd year medical student learning in the Pediatric Clerkship.	• Medical Education • Preventive pediatric • Preventive cardiology • Pediatric echocardiography • Fetal echocardiography	
Qing (Grace) Zhao		Pathology and Laboratory Medicine, BUSM	Clinician Educator	Grace.zhao@bmc.org	Interested in predictive and prognostic markers in tumor formation, using inflammatory bowel disease and Barrrett's esophagus models et al.	• GI tracts including liver and pancreas tumor pathology	