
















2015-2016 AFA Photo Roster

Name	Headshot	Department/School	Phenotype	Email	Project description	Research interests	Skills offered
Alex Sheng		Emergency Medicine, School of Medicine	Clinician Educator	shenga@bu.edu	Use architectural maps of our emergency department to create digital representation of our physical space that will allow for logging of learning experience by learners	<ul style="list-style-type: none"> • Imaging utilization • Medical Education 	
Ambili Ramachandran		General Internal Medicine, School of Medicine	Clinician Educator	Ambili.Ramachandran@bmc.org	Develop a Performance Improvement Module related to cancer screening in primary care	<ul style="list-style-type: none"> • Preventive medicine, especially cancer prevention and control • Women's health • Medical education 	<ul style="list-style-type: none"> • Experience with scientific journal article writing • Knowledge of EPIC
Andrew Stokes		Global Health, School of Public Health	Scientist Educator	acstokes@bu.edu	Investigate how diabetes and obesity over the life course relate to mortality using the Framingham Heart Study	<ul style="list-style-type: none"> • Global health • Demography • Medical sociology • Health disparities 	
Angela Robertson Bazzi		Community Health Sciences, School of Public Health	Clinician Educator	abazzi@bu.edu	Develop and submit an NIH grant proposal focused on bio-behavioral HIV prevention for local substance using populations	<ul style="list-style-type: none"> • Social epidemiology • Substance use • HIV prevention interventions 	<ul style="list-style-type: none"> • Qualitative and mixed methods research skills
Asim Mian		Radiology, School of Medicine	Clinician Investigator	Asim.Mian@bmc.org	The use of normal saline as a safe, exogenous aqueous solution for perfusion MRI for the brain and extracranial structures using an IRTSE MR sequence	<ul style="list-style-type: none"> • Use of normal saline as a perfusion agent in MRI, trauma, stroke imaging, fMRI 	<ul style="list-style-type: none"> • Leads the fMRI program at BMC • Neuroradiology pediatrics • Leads oncology program for an imaging core lab






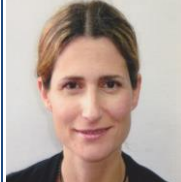
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Brenda Heaton		Health Policy & Health Services Research, Goldman School of Dental Medicine	Clinician Investigator	brenda9@bu.edu	Manuscript development and grant preparation based on a recent pilot project to validate self-reported periodontal disease in the Black Women's Health Study.	<ul style="list-style-type: none"> • Health disparities • Mechanisms of periodontal disease classification & progression • Analytic approaches to study oral health 	<ul style="list-style-type: none"> • Epi methods • IRB protocol
Brian Carmine		General Surgery, School of Medicine	Clinician Investigator	bcarmine@bu.edu	Discern clinical bariatric surgery outcomes between patients holding private vs government insurance (if any)	<ul style="list-style-type: none"> • Quality and outcomes improvement • Value Analysis • Clinical Simulation • Emerging surgical technologies 	<ul style="list-style-type: none"> • Comprehensive surgical knowledge, with expertise in bariatric and minimally invasive surgery
Elizabeth Hutton		General Internal Medicine & Pediatrics, School of Medicine	Clinician Educator	Elizabeth.Hutton@bmc.org	Create a peer observation/feedback program for teaching on the wards, aimed at internal medicine and pediatric hospitalists	<ul style="list-style-type: none"> • Medical education • Transitions of care • Professional development 	<ul style="list-style-type: none"> • Copy editing
Goli Parsi		Orthodontics, Goldman School of Dental Medicine	Clinician Educator	golparsi@bu.edu	Evaluate changes in airway volume and shape due to different orthognathic surgery modalities	<ul style="list-style-type: none"> • Airway • Sleep • Morphometrics 	
Joanna D'Aflitti		General Internal Medicine, School of Medicine	Clinician Educator	Joanna.DAflitti@bmc.org	Develop a multidisciplinary approach to serve a combination of provider- and payer-identified complex patients in the Department of General Internal Medicine at BMC	<ul style="list-style-type: none"> • Primary care practice transformation • Team-based care • High risk care management • Social determinants of health 	<ul style="list-style-type: none"> • Working as part of an interdisciplinary team • Integrated behavioral health in primary care

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Julia Xu		Endocrinology, School of Medicine	Basic Scientist	juliauxu@bu.edu	How to submit a successful R01	<ul style="list-style-type: none"> • Adipose tissue function • Obesity and insulin resistance • Cardiometabolic disease 	<ul style="list-style-type: none"> • Various laboratory techniques • How to write and publish a research paper
Markus Bachschmid		Vascular Biology, School of Medicine	Basic Scientist	bach@bu.edu	Redox control of hepatic lipid metabolism	<ul style="list-style-type: none"> • Redox regulation and signaling • Metabolic cardiovascular disease and non-alcoholic fatty liver • Radical Chemistry 	<ul style="list-style-type: none"> • Proteomics and mass spectroscopy • Biochemistry • HPLC - chromatography
Michelle Durham		Psychiatry, School of Medicine	Clinician Investigator	mdurham@bu.edu	Qualitative research on knowledge, attitudes and beliefs of pediatricians on integrated behavioral health	<ul style="list-style-type: none"> • Health services • Health disparities 	
Monica Wang		Community Health Sciences, School of Public Health	Scientist Educator	mlwang@bu.edu	Development of a hybrid course for MPH students	<ul style="list-style-type: none"> • Childhood obesity prevention • Health disparities • Community-based research • Dissemination and implementation 	<ul style="list-style-type: none"> • Program planning and evaluation • Online module design • Case-based teaching and case-writing
Nafisa Halim		Global Health, School of Public Health	Scientist Educator	nhalim@bu.edu	Generate evidence on risky sexual behaviors and health outcomes among adolescents born to parents who immigrated to the USA from Muslim-majority countries	<ul style="list-style-type: none"> • Reproductive and sexual health • Gender-based violence • Social and cultural determinants of health 	

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Nidhi Lal		Family Medicine, School of Medicine	Clinician Educator	Nidhi.Lal@bmc.org	Web based curriculum for global Family Practice programs to facilitate remote learning and exchange of knowledge	<ul style="list-style-type: none"> • Narratives as a learning tool in medicine • Cultural aspects of providing care 	<ul style="list-style-type: none"> • Enthusiastic learner
Padma Kandadai		OBGYN, School of Medicine	Clinician Educator	Padmasini.Kandadai@bmc.org	Understanding the probability of requiring repeat surgery after prolapse repair and the probability of requiring surgery after conservative management of prolapse	<ul style="list-style-type: none"> • Medical decision making 	<ul style="list-style-type: none"> • Clinical expertise in pelvic health • Writing and editing • Good listening skills • Enthusiastic learner
Patrick Fleming		General Internal Medicine, School of Medicine	Clinician Educator	Patrick.Fleming@bmc.org	Evidenced based medicine curriculum for PGY 3 residents with focus on perioperative medicine	<ul style="list-style-type: none"> • Hospital Medicine • Perioperative Medicine • Medical Education 	
Qiong Zhou		Pharmacology, School of Medicine	Basic Scientist	qzhou@bu.edu	Molecular mechanisms of obesity/diabetes in mice and humans	<ul style="list-style-type: none"> • Inflammatory cells • Neutrophils's roles in obesity • Neutrophil Elastase Functions • CDP138 Regulated Lipolysis 	<ul style="list-style-type: none"> • Flow cytometre • PCR • Western Blot • Immunohistochemistry • Two-photon living images
Rebecca Mishuris		General Internal Medicine, School of Medicine	Clinician Innovator	rgrochow@bu.edu	Integrate home glucose measurements into the EHR to improve diabetes control and patient engagement	<ul style="list-style-type: none"> • How to use HIT to increase efficiency and efficacy of health care delivery 	<ul style="list-style-type: none"> • EHR/Epic
Rivka Ayalon		Nephrology, School of Medicine	Clinician Investigator	Rivka.Ayalon@bmc.org	Determine reasons to (and hopefully solutions for) the drop off in nephrology fellowship interest		