












2014-2015 AFA Photo Roster

Name	Headshot	Department/School	Phenotype	Email	Project description	Research interests	Skills offered
Candice Belanoff		Community Health Sciences/ SPH	Scientist educator	cbelanof@bu.edu	Develop applied research methods course to equip students with knowledge and technical skills needed to conceptualize and conduct their own small research projects addressing social, behavioral and/or Maternal and Child Health topics.	•	•
Jacob Bor		Department of Global Health & Center for Global Health and Development/ SPH	Economist, Epidemiologist, Population scientist, Quantitative social scientist, Scientist-educator	jbor@bu.edu	Design course on "population health economics"	<ul style="list-style-type: none"> • HIV/AIDS • Labor, health, & development economics • Causal inference 	<ul style="list-style-type: none"> • Some experience with grant-writing
Maureen Dubreuil		Rheumatology, Department of Medicine/ BUSM	Clinician scientist	mdubreuil@bu.edu	Comparative effectiveness of treatment modalities for spondyloarthritis	<ul style="list-style-type: none"> • Pharmacoepidemiology of gout and seronegative arthritis • Cardiovascular disease associated with rheumatic diseases • Comparative effectiveness of rheumatic disease treatments 	<ul style="list-style-type: none"> • Epidemiologic study design (with emphasis on pharmacoepidemiology and large datasets)
Patricia Elliott (Trish)		Community Health Sciences/ SPH	Clinical Assistant Professor	pellriott@bu.edu	Develop a teaching case based on the development of the Fetal Infant Mortality Review process in Boston.	<ul style="list-style-type: none"> • Management and systems science • Adolescent access to health services 	<ul style="list-style-type: none"> • Managing staff • Designing a course





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Camilo Gutierrez		Pediatric Emergency Medicine/ BUSM	Clinician Educator	Camilo.Gutierrez@BMC.org	Identify and unify under a single umbrella individuals with interest and Global Health initiatives at BMC, BUSM & SPH	<ul style="list-style-type: none"> • International pediatric emergency medicine • Delivery of child care in acute care systems • Pediatric Trauma 	<ul style="list-style-type: none"> • Networking and lecturing at national and international levels
Jennifer Ho (Jen)		Cardiovascular Medicine Section, Department of Medicine/BUSM	Clinician scientist	jenho@bu.edu	To develop and draft an R01 application	<ul style="list-style-type: none"> • Risk factors of congestive heart failure • Cardiac fibrosis and remodeling 	<ul style="list-style-type: none"> • Insights into Framingham Heart Study • Using REDCap • Questions about being audited by IRB (yes, I was 'randomly' selected within my first 6 months at BU!)
Karen Jacobson		Infectious Diseases, Department of Medicine, BUSM	Clinician scientist	kjacobso@bu.edu	Writing an R01 application and pursuing other funding to study the impact of alcohol consumption on tuberculosis treatment outcomes	<ul style="list-style-type: none"> • Tuberculosis • Drug resistant tuberculosis and the relationship between bacterial genes and clinical disease • Identification of modifiable risk factors for poor TB treatment outcomes and developing interventions 	<ul style="list-style-type: none"> • Developing international clinical research collaborations • Experience submitting a K01 application (and getting funded) • Tuberculosis clinical research




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Priya Joshi		General Internal Medicine, Department of Medicine/BUSM	Clinician educator	Priya.joshi@bmc.org	Application of group counseling for young obese women in primary care	<ul style="list-style-type: none"> Obesity medicine Non-pharmacologic therapies for pain management (alternative medicine) 	<ul style="list-style-type: none"> Experiences in patient care, especially counseling young patients for adverse health outcome prevention
Gyungah Jun		Medicine/Medicine	Genetic Epidemiologist (Clinical Researcher)	gyungah@bu.edu	Genetics of aging related diseases including Alzheimer's disease	<ul style="list-style-type: none"> Genetic biomarkers for Alzheimer's disease Common genetic determinant for aging related diseases Differences and similarities of genetic contribution to disease in multiethnic populations 	<ul style="list-style-type: none"> Computational and analytic skills including data mining, database development, and programing
Steven Karpas		General Dentistry/ GSDM	Clinician educator	stevenlk@bu.edu	Analysis of VA Dental patient survey	<ul style="list-style-type: none"> Interdisciplinary health professional collaboration Dental student perceptions/feedback 	<ul style="list-style-type: none">
Christina LeBedis (Chrissy)		Radiology/ BUSM	Clinician investigator	Christina.lebedis@bmc.org	Elucidate CT imaging findings that will help identify blunt trauma patients with bowel injury in attempt to decrease their morbidity and mortality	<ul style="list-style-type: none"> Abdominal/trauma radiology clinical research 	<ul style="list-style-type: none">




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Raffi Miller		Pediatric and General Dentistry/ GSDM	Clinician educator	rmiller@bu.edu	Pilot study to find an effective chair side method to identify <i>S. mutans</i> in saliva of children and caregivers to predict dental caries risk	<ul style="list-style-type: none"> • Clinical applications of dental public health • Quality of life 	<ul style="list-style-type: none"> • Clinical and didactic lecture and course development
Heather Miselis		Family Medicine/ BUSM	Clinician educator	Heather.miselis@bmc.org	Develop and integrate a 360 degree evaluation tool in the Department of Family Medicine Residency Program	<ul style="list-style-type: none"> • Residency curriculum development • Leadership development • Continuous quality improvement in clinical practice 	<ul style="list-style-type: none"> • Clinical practice leadership • Resident curriculum development
Devyani Misra		Clinical Epidemiology & Rheumatology, Department of Medicine/BUSM	Clinician scientist	Demisra@BU.edu	Evaluating role of systemic and local inflammation in developing muscle-related adverse consequences in knee osteoarthritis.	<ul style="list-style-type: none"> • Osteoarthritis • Sarcopenia/frailty in elders • Osteoporotic fractures 	<ul style="list-style-type: none"> • Geriatrician • Rheumatologist • Budding epidemiologist
David Negron		Podiatry Surgery, Department of Surgery/BUSM	Clinician educator	David.Negron@BMC.org	Develop and implement a new patient generated pain expression tool to replace the Wong-Baker Faces scale.	<ul style="list-style-type: none"> • Improving surgical outcomes • Diabetes related depression • Limb salvage 	<ul style="list-style-type: none"> • Podiatric medicine and surgery • Wound care/limb salvage • Clinical administration

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Matthew Nuhn		Transplant Surgery, Department of Surgery/ BUSM	Clinician investigator	matthew.n uhn@bmc. org	Outcomes research to compare undocumented and documented patients in the area of kidney transplant: <ul style="list-style-type: none"> • Compliance: medication, doctor visits • 1 and 3 year graft and patient survival after kidney transplant • Quality of life pre and post- transplant • Impact of kidney transplant on the family of the recipient 	•	•
Michael Platt (Mike)		Otolaryngology- Head and Neck Surgery BUSM	Clinician, Scientist, Educator	miplatt@b u.edu	Understanding gene expression in chronic sinusitis and allergic rhinitis.	<ul style="list-style-type: none"> • Sinonasal diseases • Resident education competency • Quality & safety in tracheostomy 	<ul style="list-style-type: none"> • Head & Neck disease • Computational informatics • Quality Improvement
Karin Schon		Anatomy and Neurobiology/ BUSM	Basic scientist (also: translational/cli nical researcher)	kschon@b u.edu	Translating ongoing research project on exercise and brain function into a successful R01 application	<ul style="list-style-type: none"> • Cognitive neuroscience of human memory • Brain plasticity • Healthy aging 	<ul style="list-style-type: none"> • Functional MRI (task related and resting state) • Structural MRI • Manual segmentation of medial temporal lobes • Cognitive task design for fMRI • Statistics

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Nancy Scott		Global Health/ SPH	Population scientist	nscott@bu.edu	Developing manuscripts on results from a formative evaluation to determine if Maternity Homes could be designed to increase access to safe delivery in Zambia and be financially and operationally sustainable.	<ul style="list-style-type: none"> • Global health program and policy evaluation • Social epidemiology • Social support programs for orphans and other vulnerable children • PMTCT and HIV 	<ul style="list-style-type: none"> • Mixed-method evaluation approaches • Qualitative and quantitative data analysis • Establishing data collection systems/field logistics in global health
Katrina Steiling (Katie)		Computational Biomedicine, Department of Medicine/BUSM	Clinician Scientist	steiling@bu.edu	Develop R01-level research proposal to establish a genomic resource within a large existing observational study that can be leveraged to develop integrated clinico-genomic risk models of disease	<ul style="list-style-type: none"> • Bioinformatics • Lung cancer • Chronic obstructive pulmonary disease 	<ul style="list-style-type: none"> • Design and analysis of studies using high-throughput technologies • Feedback on manuscripts and grant applications
Alexandra Yurkovic (Ali)		General Internal Medicine, Department of Medicine/ BUSM	Clinician administrator	alexandra.yurkovic@bmc.org	This project focuses on the development and implementation of population health management strategies for cancer screening within GIM's outpatient clinic.	<ul style="list-style-type: none"> • Clinical care model innovation • Clinical and organizational processes to improve patient triage / movement to correct sites of care (e.g., Urgent Care v. ED) 	<ul style="list-style-type: none"> • Healthcare business strategy • Clear perspective regarding BMC organizational and strategic priorities