

## List of Mentors & Projects (MSSRP)

summers of 2017, 2018, 2019, 2020

Students may e-mail preceptors listed using the following convention: [firstname.lastname@bmc.org](mailto:firstname.lastname@bmc.org) (or find via BU directory: [www.bu.edu/directory](http://www.bu.edu/directory))

### Listed by Department of Project

Preceptor - First Name	Preceptor - Last Name	Title of Project	Dept.	type of research	year
Allison	Larson	First-Year Medical Student Learning Preferences	Academic Affairs, Office of	Medical Education	2017
Rhoda	Au	An Alzheimer's disease prediction model for the primary care setting: The Framingham Heart Study	Anatomy & Neurobiology	Clinical Science	2020
Rhoda	Au	Carotid Artery Atherosclerosis, Coronary Heart Disease Risk Score, and Cognitive Impairment: The Framingham Heart Study	Anatomy & Neurobiology	Clinical Science	2020
Douglas	Rosene	Assessing the relationship between T-cell subtypes and age-related cognitive decline in rhesus monkeys	Anatomy & Neurobiology	Basic Science	2017
Douglas	Rosene	Immunohistochemical study of leukemia-inhibitory factor levels and its relation to oligodendrocyte function, white matter pathology and cognitive impairment in normal aging	Anatomy & Neurobiology	Basic Science	2017
Elizabeth	Whitney	The Identification of Vascular Variants to Improve Risk Assessment and Reduce Surgical Complications	Anatomy & Neurobiology	Basic Science	2017
Simon	Body	Developing a Natural Language Processing algorithm for cardiology imaging records	Anesthesiology	Clinical Science	2020
Seroos	Salavati	Combined IPACK and Adductor Canal Block for Total Knee Arthroplasty	Anesthesiology	Clinical Science	2020
Vickery	Trinkaus-Randall	Pre-Type 2 Diabetes and Changes in Localization of Pannexin-1 After Corneal Epithelial Abrasion	Biochemistry	Basic Science	2018
Angela	Bazzi	Barriers to Accessing Healthcare Services for People Who Inject Drugs (PWID)	Community Health Sciences, SPH	Public Health	2019
Richard	Saitz	Boston ARCH Cohort: 4F Study	Community Health Sciences, SPH	Public Health	2018

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Vijaya	Kolachalama	Building and validating a deep learning framework for the diagnosis of multiple dementias	Computational Biomedicine	Clinical Science	2020
Rhoda	Alani	Novel drug therapy targeting human melanoma	Dermatology	Basic Science	2017
Hye Jin	Chung	Timing of laboratory abnormalities associated with isotretinoin therapy for acne vulgaris	Dermatology	Clinical Science	2018
Allison	Larson	Prevalence of Acne and Predictors of Disease Severity among Female-To- Male Transgender Patients on Testosterone Therapy	Dermatology	Public Health	2017
Allison	Larson	Prevalence of Dermatological Complications Among Transgender Populations using Hormone Replacement Therapy	Dermatology	Clinical Science	2020
Bichchau	Nguyen	Clinical presentation and treatment outcomes of BCC/SCC in English native speakers vs. non-native speakers	Dermatology	Clinical Science; QI	2020
Neelam	Vashi	Stimuli Enhancing Sun Protective Behavior	Dermatology	Clinical Science	2017
Neelam	Vashi	Effects of Direct to Consumer Advertising of Cosmetic Procedures	Dermatology	Clinical Science	2018
Neelam	Vashi	Patient Satisfaction of Dermatologic Genital Exams	Dermatology	Clinical Science	2018
Neelam	Vashi	Laser Outcomes of an Academic Cosmetic and Laser Center	Dermatology	Clinical Science	2018
Lauren	Nentwich	Linking Emergency Department Patients to Opioid Use Disorder Care with Follow Up Calls	Emergency Medicine	Quality Improvement	2019

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Kevin	Ryan	Do Different Pre-Hospital Airway Interventions Improve the Outcome of Drowning Patients	Emergency Medicine	Clinical Science; Public Health	2019
Brian	Jack	Preconception Care Conversational Agent Technology: Analyzing Barriers and Facilitators to Implementation	Family Medicine	Public Health	2019
Kathleen	Morgan	Sex-Related Differences in Aortic Stiffness of Aged Mice	Health Sciences/B.U. Sargent College	Basic Science	2017
Amy	Sobota	Addressing the Viewpoints on Contraception of Adolescents with Sickle Cell Disease	Hematology - Pediatric	Clinical Science; Public Health; QI	2019
Naomi	Ko	Impact of MassHealth on Breast Cancer Survivorship Care at an Urban Safety Net Hospital	Hematology & Oncology	Clinical Science; Public Health	2020
George	Murphy	iPSC-based Modeling and Therapeutic Intervention in Sickle Cell Anemia	Hematology & Oncology - Regenerative Medicine	Basic Science	2019
Sarah	Kimball	Immigrant and Refugee Health Center Database - Neurology Utilization and Outcomes	Immigrant and Refugee Health Center	Clinical Science; Public Health	2020
Sarah	Bagley	Determining time to treatment and risk for subsequent overdose in emerging adults following a nonfatal opioid overdose	Medicine	Clinical Science	2017
Pablo	Buitron de la Vega	Evaluating the Efficacy of a Student-Driven Social Determinants of Health Intervention in Internal Medicine Clerkship: Assessing Barriers to Access	Medicine	Clinical Science; Public Health; Med Ed	2019
Maria	Dominguez	Spatial and temporal organization of the serine-threonine kinase CK2 during <i>Xenopus laevis</i> embryonic development	Medicine	Basic Science	2018
Hui	Feng	Mechanisms of leukemia treatment resistance to TCA cycle inhibition	Medicine	Basic Science	2020

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Christine	Gunn	Assessing Opportunities for Tailored Risk Communication about Fentanyl Use & Overdose: The Role of Gender, Age and Competing Risks	Medicine	Public Health	2018
Hasmeena	Kathuria	Capitalizing on hospitalization to engage low SES smokers in LDCT screening	Medicine	Public Health; QI	2020
Michael	Paasche-Orlow	Racial/Ethnic Disparities in Emergency Department Wait Time	Medicine	Clinical Science; Public Health	2020
Zoe	Weinstein	From Bus Pass to Recovery Class: A Peer Mentor's Role in Wellness as Part of an Inpatient Addiction Consult Service	Medicine	Clinical Science; QI	2020
Megan	Young	Analysis of the Effectiveness of a Peer-Led Narrative Medicine Workshop for First- and Second-Year Medical Students	Medicine	Medical Education	2018
Marva	Foster	Evaluating 90 Day Mortality in ICU Patients With a Secondary Diagnosis of Heart Failure	Medicine - Cardiology - VA Boston Healthcare System	Clinical Science	2020
Michael	Holick	Evaluation of changes in Gene Expression, Metabolomic, Microbiome, and Calcium Metabolism in response to Varied Vitamin D Dosages in Adults who are Vitamin D Insufficient	Medicine - Endocrinology	Clinical Science	2017
Michael	Holick	Evaluation of changes in tumor regulating genes in response to varied vitamin D dosages in vitamin D deficient/insufficient adults	Medicine - Endocrinology	Basic Science: Clinical Science	2019
Karen	Lasser	The link between resiliency and diabetes self-care behaviors in African American men	Medicine - General Internal Medicine	Clinical Science; Public Health	2017
Jessica	Taylor	Rate of appropriate hepatitis B screening in a primary care pre-exposure prophylaxis (PrEP) program	Medicine - General Internal Medicine	Clinical Science; QI	2018
Alexander	Walley	Predictors of Emergency Department utilization among patients living with HIV on chronic opioid therapy	Medicine - General Internal Medicine	Clinical Science; Public Health	2018

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Zoe	Weinstein	InREACH (Inpatient REadmission post Addiction Service Consult Help) Study Exploring an Addiction Consult Service's (ACS) Impact on post discharge 30-day acute care utilization	Medicine - General Internal Medicine	Clinical Science	2017
Sarah	Bagley	HEAR Women	Medicine - General Internal Medicine/CARE Unit	Clinical Science	2020
Simeon	Kimmel	Association between substance use disorder and acceptance to subacute care facilities among referred patients at Boston Medical Center	Medicine - General Internal Medicine/CARE Unit	Clinical Science; Public Health	2019
Karsten	Lunze	A Systematic Review of Biomarkers Associated With the Stigmatization of HIV, Substance Use, Men Who Have Sex With Men, Transgender People, Refugees, and Sex Work	Medicine - General Internal Medicine/CARE Unit	Clinical Science	2020
Karsten	Lunze	Intersectional Stigma of HIV and Drug Use in HIV-Positive People Who Inject Drugs in St. Petersburg, Russia: A Qualitative Study	Medicine - General Internal Medicine/CARE Unit	Public Health	2020
Timothy	Naimi	Cannabis Involvement in Alcohol-Related Motor Vehicle Crashes	Medicine - General Internal Medicine/CARE Unit	Public Health	2019
Richard	Saitz	Effect of Cannabis Use on Chronic Pain Among People Living With HIV	Medicine - General Internal Medicine/CARE Unit	Clinical Science; Public Health	2019
Jeffrey	Samet	Improving Physician Opioid Prescribing for Chronic Pain in HIV-Infected Persons	Medicine - General Internal Medicine/CARE Unit	Clinical Science	2017
Amy	Linsky	Utilization patterns of Veterans Affairs teledermatology apps	Medicine - General Internal Medicine/CARE Unit - VA Boston Healthcare System	Public Health	2019
Hasmeena	Kathuria	Engaging Low SES Inpatient Smokers in LDCT Lung Cancer Screening: Enhanced Interventions that include CHWs to Address SDH Barriers	Medicine - Pulmonary, Allergy, Sleep & Critical Care Medicine	Clinical Science	2019
Hasmeena	Kathuria	Qualitative Study of Clinicians and Patients to Inform the Development and Implementation of a CHW Intervention to Reduce 30-day readmissions in COPD Patients	Medicine - Pulmonary, Allergy, Sleep & Critical Care Medicine	Clinical Science	2019

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Paul	Maglione	Clinical, laboratory, and demographic characteristics of primary antibody deficient patients at Boston Medical Center	Medicine - Pulmonary, Allergy, Sleep & Critical Care Medicine	Clinical Science	2019
John	Berk	Adrenal insufficiency in patients with primary (AL) systemic Amyloidosis	Medicine - Pulmonology (Amyloidosis Center)	Clinical Science	2019
Vipul	Chitalia	Role of race in development of iatrogenic central venous stenosis and response to endovascular intervention	Medicine - Renal	Clinical Science; Public Health	2018
Melissa	Farb	Depot-specific adipose tissue phenotype and cardiometabolic risk in human obesity	Medicine - Whitaker Cardiovascular Institute	Basic Science; Clinical Science	2020
Naomi	Hamburg	The Effect of Pod-based Electronic Cigarettes ("Juul") on Endothelial Phenotype	Medicine - Whitaker Cardiovascular Institute	Basic Science	2019
Jesse	Mez	Genome-wide interaction study with smoking for Alzheimer's disease	Neurology	Public Health	2019
Jose	Romero	Total Enlarged Perivascular Spaces in Relation to Racial and Ethnic Minorities, Vascular Risk Factors and Stroke Severity.	Neurology	Clinical Science	2017
Maria	Stefanidou	Electroencephalography (EEG) Findings in Human Immunodeficiency Virus (HIV) Patients	Neurology	Clinical Science	2017
Thor	Stein	Role of Inflammatory Biomarkers in Post Mortem CSF in Chronic Trauma Encephalopathy, Alzheimer's Disease, and other Tauopathies.	Neurology - VA Boston Healthcare System	Basic Science	2017
Thor	Stein	The Role of Neurovascular Pathology in Chronic Traumatic Encephalopathy and Alzheimer disease	Neurology - VA Boston Healthcare System	Clinical Science	2018
Katharine	Cronk	Incidence of Deep Vein Thrombosis Following Spine Surgery; Risk Assessment with Evaluation of Proper Timing of Anticoagulant Administration	Neurosurgery	Clinical Science	2017

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Wendy	Kuohung	Characterization of the Novel Cell Adhesion Molecule TMIGD1 in Disorders of Placental Invasion	Ob/Gyn	Basic Science	2017
Wendy	Kuohung	Expression of the Antiviral Toll-Like Receptor 8 in the Human Placenta Across Gestation	Ob/Gyn	Basic Science	2019
Sheela	Maru	Improving Services and Increasing Volume at Women's Refugee Health Clinic	Ob/Gyn	QI	2017
Sheela	Maru	Improving No Shows at the Boston Medical Center (BMC) Women's Refugee Health Clinic (RWHC) through Implementation of Circulation and Ujambo!	Ob/Gyn	QI	2018
Katharine	White	"Understanding facilitators and barriers to contraceptive screening and referral in female adolescents and young adults with cancer"	Ob/Gyn	Clinical Science	2020
Bernadette	Levesque	Patient Outcomes with Improved Teamwork and Communication: Joint Neonatal Intensive Care Unit and Obstetrics Team Training	Ob/Gyn - Maternal Child Health	QI	2019
Xuejing	Chen	Incidence of and risk factors associated with retinal tears following symptomatic posterior vitreous detachment	Ophthalmology	Clinical Science	2019
Xuejing	Chen	Effect of Systemic Diabetic Medications on the Effectiveness of Anti-Vascular Endothelial Growth Factor (Anti-VEGF) Injections in Diabetic Macular Edema	Ophthalmology	Clinical Science	2019
Xuejing	Chen	Effects of Glaucoma Eye Drops with Benzalkonium Chloride on the Amount of Macular Edema in Patients with Diabetes	Ophthalmology	Clinical Science	2019
Xuejing	Chen	Lens Status and Vitreous Hemorrhage Resolution	Ophthalmology	Clinical Science	2020
Kara	LaMattina	Outcomes of Rebound Iritis In Different Ethnicities After Uncomplicated Cataract Surgery With Postoperative Steroid Taper	Ophthalmology	Clinical Science	2019

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Hyunjoo	Lee	Quantifying Corneal Collagen Cross-Linking Treatment in Patients with Keratoconus using Inverse-Spectroscopic Optical Coherence Tomography	Ophthalmology	Clinical Science	2020
Crandall	Peeler	Retrospective analysis of outcomes in pediatric patients after glaucoma suspect referral	Ophthalmology	Clinical Science	2018
Manju	Subramanian	Oral Versus Intravenous Sedation for Glaucoma Procedures	Ophthalmology	Clinical Science	2019
Andrew	Taylor	Regulation of inflammation and cell death by RPE exosomes and neuropeptides	Ophthalmology	Basic Science	2017
Andrew	Taylor	Presence of retinal pigment epithelium exosomes in systemic circulation during uveitis	Ophthalmology	Basic Science	2018
Andrew	Taylor	Retinal Pigmented Epithelium Driven T Cell Differentiation	Ophthalmology	Basic Science	2019
Howard	Ying	Does inclusion of diabetic retinopathy severity improve discrimination and risk stratification of stroke and dementia in patients with diabetes and pre-diabetes?	Ophthalmology	Public Health	2017
Beth	Bragdon	Impact of Skeletal Muscle Trauma on Stem Cell Recruitment in Heterotopic Ossification	Orthopaedic Surgery	Basic Science	2020
Louis	Gerstenfeld	Using network analysis with transcriptomic and phenotypic properties to identify the effect of phosphate	Orthopaedic Surgery	Basic Science	2018
Eric	Smith	Assessing Factors Determining Home versus Rehab Discharge Following Primary Total Joint Arthroplasty for Patients Who Live Alone	Orthopaedic Surgery	Clinical Science	2017
Paul	Tornetta	Development of a patient-specific opioid prescribing protocol in orthopedic surgery patients	Orthopaedic Surgery	QI	2017



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Xinning	Li	Sickle Cell Disease and Perioperative Complications Related to Orthopaedic Procedures	Orthopedic Surgery	Clinical Science	2017
Eric	Smith	Proximal, Distal, and Total Femoral Replacement with Megaprosthesis in Non- Oncologic Patients: A Multicenter Study.	Orthopedic Surgery	Clinical Science	2018
Eric	Smith	Does hospital admission time following total hip arthroplasty affect the clinical outcomes?	Orthopedic Surgery	Clinical Science	2019
Chadi	Tannoury	Lumbar fusion rate following a minimally invasive anterolateral psoas sparing technique	Orthopedic Surgery	Clinical Science	2018
Carley	Vuillermin	In Clinic Motion Analysis for Pediatric Upper Extremity Assessment: A Review	Orthopedic Surgery	Clinical Science	2020
Eric	Smith	The effect of early discharge after total hip arthroplasty on patient outcomes and readmission rates in a safety-net hospital.	Orthopedics	Clinical Science	2019
Michael	Cohen	The Effect of Anesthetic Agents on Operating Room and Recovery Room Time for Pediatric Adenotonsillectomy	Otolaryngology	Clinical Science	2018
Anand	Devaiah	Analysis of Disparities in Treatment and Survival of Head and Neck Cancer Patients by Insurance Status Using National Cancer Registries	Otolaryngology	Clinical Science; Public Health; QI	2018
Heather	Edwards	HIV infection in head and neck cancer patient	Otolaryngology	Clinical Science	2020
Jessica	Levi	Analyses of Sleep Studies and Obstructive Sleep Apnea in Children with Down Syndrome	Otolaryngology	Clinical Science	2017
Jessica	Levi	Progression of mild obstructive sleep apnea in children without adenotonsillectomy intervention over time	Otolaryngology	Clinical Science	2017

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Jessica	Levi	Assessing the Impact of Polysomnography on Patient Safety and Treatment Outcomes for Pediatric Patients with Obstructive Sleep Apnea	Otolaryngology	Clinical Science	2018
Jessica	Levi	The impact of socioeconomic status on post-operative outcomes of children with severe obstructive sleep apnea	Otolaryngology	Clinical Science	2018
Jessica	Levi	Assessing Loss to Follow-up After Newborn Hearing Screening	Otolaryngology	Clinical Science	2018
Jessica	Levi	Internet and social media research by parents of pediatric otolaryngology patients	Otolaryngology	Clinical Science	2019
Jessica	Levi	Analysis of the clinical course of children with initial negative polysomnography.	Otolaryngology	Clinical Science; Public Health	2019
Jessica	Levi	Compliance with post-myringotomy and tube placement appointments in an Urban Tertiary Care Setting	Otolaryngology	Clinical Science; Public Health	2019
Jessica	Levi	Examining Rates of Screening for Pediatric Obstructive Sleep Apnea Among Potentially At-Risk Patients in the Primary Care Setting	Otolaryngology	Clinical Science	2020
Jessica	Levi	Optimal duration for PE tubes in pediatric patients	Otolaryngology	Clinical Science	2020
Jessica	Levi	Characterization of Feeding Dysfunction in Children Born with Neonatal Abstinence Syndrome	Otolaryngology	Clinical Science	2020
Jessica	Levi	Sleep-disordered breathing in pediatric otolaryngology patients with dysphagia	Otolaryngology	Clinical Science	2020
Jessica	Levi	Otolaryngology Referral Rates and Criteria for Pediatric Patients with Speech Delay	Otolaryngology	Clinical Science	2020

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Jessica	Levi	Factors Affecting Emergence Time in Pediatric Adenotonsillectomy Surgery	Otolaryngology	Clinical Science	2020
Jacob Pieter	Noordzij	Prediction of Post Thyroidectomy Hypocalcemia using Preoperative Vitamin D levels	Otolaryngology	Clinical Science	2017
Jacob Pieter	Noordzij	Retrospective Analysis of the Use of Baclofen in Muscle Tension Dysphonia	Otolaryngology	Clinical Science	2019
Michael	Platt	Effects of Electronic Cigarette Vaping on Lung and Airway Mucosa Gene Expression in Rats	Otolaryngology	Basic Science	2019
Jeffery	Spiegel	The Effect of Electronic Cigarette Exposure on Random Pattern Flap Necrosis in Rats	Otolaryngology	Basic Science	2018
Lauren	Tracy	Wound Healing After Transoral CO2 Laser Surgery for Early Glottic Carcinoma	Otolaryngology	Clinical Science	2019
Lauren	Tracy	Voice Therapy Attendance: The Role of Non-English Language in Voice Therapy Compliance	Otolaryngology	Clinical Science	2019
Lauren	Tracy	Is Post-Operative Tonsillectomy Hemorrhage affected by Circadian Rhythm?	Otolaryngology	Clinical Science	2019
Lauren	Tracy	Association of Mental Health Disorders with Head and Neck Cancer	Otolaryngology	Clinical Science	2020
Lauren	Tracy	Evaluating the Management of Post-Tonsillectomy Hemorrhage	Otolaryngology	Clinical Science; QI	2020
Jessica	Levi	Investigating the Efficacy of Adenotonsillectomy in Treating Pediatric Severe Obstructive Sleep Apnea	Otolaryngology - Pediatric	Clinical Science	2019

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Lucy	Marcil	Embedding 529 Child Savings Account Services in Pediatric Clinic: a pilot evaluation of impact and acceptability	Pediatrics	Public Health	2020
Jack	Maypole	Tackling Transportation Barriers to Health: A Pilot Study Utilizing UberHealth in Two Pediatric Populations	Pediatrics	Public Health; QI	2019
Elisha	Wachman	Necessity of cardiac monitoring for infants pharmacologically treated for Neonatal Abstinence Syndrome.	Pediatrics	Clinical Science	2018
Natalie	Pierre-Joseph	The Effectiveness of BU Student-Run Teen and Tot Service for Patients and Students	Pediatrics - Adolescent Clinic	QI	2019
Scott	Hadland	A Tool to Identify PrEP Eligible Youth in Primary Care	Pediatrics - Adolescent Medicine/Addiction Medicine	Public Health; QI	2020
Bernadette	Levesque	Safely Reducing time to full enteral feeds among very low birth weight (VLBW) infants: a quality improvement initiative	Pediatrics - Neonatology	QI	2017
Bernadette	Levesque	Improving Compliance with Accepted Oxygen Saturation Levels for Infants in BMC's NICU	Pediatrics - Neonatology	QI	2017
Laurie	Douglass	Clinical Implementation of a Parent Questionnaire for Detection of Seizures in Children with Developmental Disabilities	Pediatrics - Neurology	Clinical Science; QI	2017
Neil	Ganem	Defining the role of the kinase MST4 in the context of the Hippo tumor suppressor pathway	Pharmacology	Basic Science	2019
David	Atkinson	Novel Cocrystallization of Apolipoprotein A-I with Butyric Acid	Physiology & Biophysics	Basic Science	2019
Assen	Marintchev	Mechanisms of eIF2B Regulation by eIF2 $\alpha$ Phosphorylation and Effects of Experimental Drugs on This Pathway	Physiology & Biophysics	Basic Science	2017

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Christina	Borba	Pathways to Homelessness and Improved Health Care Access For Homeless Older Adults	Psychiatry	Clinical Science; Public Health	2018
Alison	Duncan	Does patient boarding in emergency departments affect employee wellness?	Psychiatry	QI	2020
Alison	Duncan	Provider and Employee Wellness in the Emergency Department	Psychiatry	Clinical Science	2020
Kaila	Rudolph	Pathways to homelessness and improved care access for homeless older adults	Psychiatry	Public Health	2020
Julia	Prentice	Granting full practice authority to advanced practice registered nurses at the VA – The predicted impact on new patient PCP appointment wait times and the VHA primary care workforce	Psychiatry - VA Boston Healthcare System	Public Health	2017
Hasmeena	Kathuria	Qualitative Methods to Understand the Impact and Perceptions of the Massachusetts Menthol Cigarette Ban on Intent to Quit and Product Use	Pulmonology	Public Health	2020
Ariel	Hirsch	The Effect of Tertiary Gleason Pattern on Trends of Care and Outcomes in Men with Prostate Cancer: an Analysis of the National Cancer Database	Radiation Oncology	Clinical Science	2018
Ariel	Hirsch	The Impact of Molecular Subtypes on Patients with Metastatic Breast Cancer: A National Cancer Database Analysis	Radiation Oncology	Clinical Science	2018
Ariel	Hirsch	Oncology education in current medical school curricula: A global analysis of current and experimental teaching techniques and their efficacy.	Radiation Oncology	Medical Education	2018
Ariel	Hirsch	Factors affecting breast cancer outcomes at Boston Medical Center	Radiation Oncology	Clinical Science	2019
Ariel	Hirsch	The Increasingly Competitive Medical School Application Pool: Perceived and Actual Changes in Gap Year Trends	Radiation Oncology	Medical Education	2019

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Michael	Fishman	Assessment of the impact of THRIVE social determinants of health on diagnostic mammography utilization and adherence to breast cancer	Radiology	Clinical Science; QI	2019
Christina	LeBedis	The Effect of Health-Related Social Needs on Lung Cancer Screenings and Clinical Outcomes	Radiology	Clinical Science; Public Health	2019
Osamu	Sakai	A Prospective Observational Study to Assess Clinical and Radiological Outcomes of Orthognathic Surgery in Individuals with Temporomandibular Disorders	Radiology	Clinical Science	2017
Osamu	Sakai	Quantitative MRI analysis of the brain in the context of extremely early birth	Radiology - Neuroradiology	Clinical Science	2017
Finn	Hawkins	Developing a High-Throughput Screening Workflow to Predict Drug Responsiveness for CF patients	Regenerative Medicine	Basic Science	2018
Finn	Hawkins	Improvement of the generation of anterior foregut endoderm from induced pluripotent stem cells for lung cell differentiation using novel chemical	Regenerative Medicine	Basic Science	2019
Kathleen	Morgan	Aortic stiffness as the causal factor of increased brain bleeds in APOE knocked-out mice	Sargent College	Basic Science	2019
Serena	Rajabiun	Examining the Impact of Current Proposed Federal Immigration Policies on Health Attitudes, Policies, and Accessing Health Services across the BMC Population	Social Work & Health, Center for Innovation in (CISWH)	Public Health	2019
Frederick Thurston	Drake	Diagnostic Accuracy of ICD-9/10 for Appendicitis	Surgery	Clinical Science	2020
Tony	Godfrey	Evaluating the malignancy potential of esophageal leukoplakia for esophageal squamous cell carcinoma	Surgery	Basic Science	2019
George	Kasotakis	Functional Outcomes and Recovery after Trauma Emergencies (FORTE)	Surgery	Clinical Science	2017

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Xinning	Li	One Versus Two Stage Revision for Shoulder Arthroplasty Infections: A Systematic Review.	Surgery	Clinical Science	2018
David	McAneny	Why Wait? Timing of Subcutaneous Unfractionated Heparin Administration and Epidural Catheter Placement at Boston Medical Center	Surgery	Clinical Science	2019
Chaitan	Narsule	Outcomes and Costs-of-Care for Management of Anterior Abdominal Stab Wounds	Surgery	Clinical Science	2017
Miriam	Neufeld	Retrospective Review of the Community Violence Response Team Data	Surgery	Clinical Science	2020
Sabrina	Sanchez	Analysis of Factors Influencing Utilization and Success of Palliative Care Consultation at Boston Medical Center	Surgery	Clinical Science; QI	2018
Bedabrata	Sarkar	The Effect of MAPKAP2 Kinase on HuR Protein Activity in Response to TLR Ligands	Surgery	Basic Science	2017
Nikola	Dobrilovic	Impact of Social Determinants of Health on Endocarditis Outcomes at a Large Urban Safety Net Hospital	Surgery - Cardiac	Clinical Science; Public Health	2019
Virginia	Litle	Developing a miRNA signature to differentiate metastatic head and neck cancer from primary lung squamous cell carcinoma	Surgery - Thoracic	Clinical Science	2018
Virginia	Litle	Evaluation of Thoracic Surgery-Specific Variables in a Modified Caprini Model for Venous Thromboembolism	Surgery - Thoracic	Clinical Science	2020
Kei	Suzuki	A Hybrid Deep Learning Framework for Prognosis of Stage 1 Lung Adenocarcinoma Recurrence	Surgery - Thoracic	Basic Science; Clinical Science	2019
Kei	Suzuki	Increasing Lung Cancer Screening Yield in Safety-Net Hospitals via a Logistic Regression Risk-Model	Surgery - Thoracic	Clinical Science	2019

## List of Mentors & Projects (MSSRP)

summers of 2017, 2018, 2019, 2020

Students may e-mail preceptors listed using the following convention: [firstname.lastname@bmc.org](mailto:firstname.lastname@bmc.org) (or find via BU directory: [www.bu.edu/directory](http://www.bu.edu/directory))

### Listed by Department of Project

Preceptor - First Name	Preceptor - Last Name	Title of Project	Dept.	type of research	year
Vivian	Sanchez	Predictors of Organ Space Infection Following Cholecystectomy	Surgery - VA Boston Healthcare System	Clinical Science	2017
Shaun	Wason	Retrospective Review of Uteroscopic stone cases at an Urban Academic Medical Center	Urology	Clinical Science	2019