

Junior Faculty Development Program (2011–19): Mentors & Projects

Mentor	Mentor Department	Class	Project
Aaron Scott, DO	Anesthesiology	2019	Development of a curriculum for neurocritical care fellowship that incorporates simulation, web based learning tools, as well as interdisciplinary didactics
Pichard Pavao, MD	Anesthesiology	2019	Post-operative pain control following endoscopic sinus surgery and sleep apnea
Stephen Heard, MD	Anesthesiology	2015	Fluid Overload Assessment and Titration Trial: A Pilot Clinical Trial
Gary Stein, PhD	Cell Biology	2011	The Effects of CFTR Deficiency on Metabolic Bone Disease
Sue Gagliardi, PhD	Cell Biology	2013	Case-based curriculum for acute neurology
Karen Wiss, MD	Dermatology	2018	Creation of Epidermolysis Bullosa Pathway for Perioperative Care: A Comprehensive Guide
Ed Boudreaux, PhD	Emergency Medicine	2011	Prehospital Evaluation of NEXUS Cervical Spine Clearance Criteria - A Pilot Study
Ed Boudreaux, PhD	Emergency Medicine	2014	The Feasibility of Family Based Crisis Intervention for Acute Suicidal Adolescents
Ed Boyer, MD, PhD	Emergency Medicine	2016	Comparison of 3D printed and 3D virtual models for understanding the functional neuroanatomy and vasculature relevant to stroke
Ed Boyer, MD, PhD	Emergency Medicine	2014	Development and use of health technology to engage and sustain smoking cessation treatment
Gregory Volturo MD	Emergency Medicine	2018	Development and Implementation of a Specialized Foot Wound Center at UMass Medical Center
Kate Burke, MD	Emergency Medicine	2016	Creating a standard approach to the In-Patient Discharge Summary for effective communication of key clinical information
Kavita Manyam Babu, MD	Emergency Medicine	2018	The Role of Screen Time in Recovery from Concussion
Romolo Gaspari, MD	Emergency Medicine	2014	Comparison of ultrasound and MRI for the diagnosis of lateral epicondylitis
Barry Saver, MD	FMCH	2013	Measure hospital climate for the delivery of patient and family centered care: Next steps and new directions
Carole Upshur, EdD	FMCH	2011	Integrating health related quality of life (HRQL) measures in clinical practice
Carole Upshur, EdD	FMCH	2014	Juvenile competence to stand trial evaluation and remediation services: a national state survey
Joseph DiFranza, MD	FMCH	2012	Describe tobacco use trajectories
Michael Kneeland, MD, MPH	FMCH	2017	Developing a Pilot Nursing Curriculum for Serving Autistic Spectrum Disorder (ASD) Youth Transitioning from Teen to Adult (TAY)
Michele Pugnaire, MD	FMCH	2016	Applying best practices in curriculum design to develop and advanced leadership course for the Doctor of Nursing Practice (DNP) learners
Robin Clark, PhD	FMCH	2013	The impact of minimally invasive surgery on infection reduction in complex spinal disorders
Roger Luckmann, MD, MPH	FMCH	2014	Prostate specific antigen screening: defining practice patterns and educational opportunities
Roger Luckmann, MD, MPH	FMCH	2018	1. Improvement of awareness and access of lung cancer screening 2. Barriers to appropriate pulmonary nodule follow up at UMass Memorial Medical Center
Scott D Wellman, MD	FMCH	2018	Development of a simulation-based program to enhance multi-disciplinary pediatric health care provider communication skills
Suzanne Cashman, DSc	FMCH	2015	Universal versus selective screening strategies for Lynch Syndrome
Suzanne Cashman, DSc	FMCH	2018	Thermal imaging to detect bacterial pneumonia in children in Bangladesh
Warren Ferguson, MD	FMCH	2019	Diversity and Health Equity Curriculum
Carol Bova, PhD	GSN	2019	Mental health in medical, nursing, and graduate students referred to student counseling services: a retrospective chart review study
Sheila Noone, PhD, RN	GSN	2011	Targeting Leukemic Stem Cells in Patients with Chronic Myeloid Leukemia-Development of Phase II Study Protocol
Sheila Noone, PhD, RN	GSN	2012	Phase 1/2 study of mitogen activated protein/extracellular signal regulated kinase (MEK) inhibitor in myelodysplastic syndrome (MDS)
Mary Zanetti	Institutional Research	2013	An online curriculum for the pediatric ED rotation
Beth A McCormick, PhD	MaPS	2018	Does sustained virological response (SVR) alter gut microbiome in patients with Chronic Hepatitis C without cirrhosis
Julie Jonassen, PhD	MaPS	2016	A web-based, interactive pediatric infectious diseases curriculum
Sam Behar, MD, PhD	MaPS	2014	Infection of Hematopoietic stem/progenitor cells implication for HIV-1 eradication
Arthur Mercurio, PhD	MCCB	2019	Development of in vitro models of metastasis to investigate the interplay between mechanotransduction and metastatic pathways regulated by the tumor microenvironment
Eric Baehrecke, PhD	MCCB	2012	Writing of a R01 grant on the role of caspase-2 during cone cell death in Retinitis Pigmentosa
Michelle A Kelliher, PhD	MCCB	2018	AON-induced alternative splicing as novel therapy with hematologic malignancies
Paul Kaufmann, PhD	MCCB	2019	To write a successfully funded R01/R35 application to NIH/NIGMS
Alan Rosmarin, MD	Medicine	2011	Exploration of Neuropathy in gynecologic oncology treatment
Alok Kapoor, MD	Medicine	2018	Orthopedic Trauma patient discharge - standardization of process, facilitating early rehab and decreasing length of stay
Andrew Evens, MD	Medicine	2013	Optimizing delivery of lung cancer care to maximize patient outcomes in a cost-efficient manner

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Bilil Piperdi, MD	Medicine	2011	Grant Writing for the creation of a PET tumor registry and application of UMass as a National Oncology PET Registry (NOPRI) facility.
Chinmay Trivedi, MD, PhD	Medicine	2019	Histone deacetylases in congenital renal disease
Daniel Caffrey, PhD	Medicine	2016	The missing link between the microbiota and IBD pathology
David Cave, MD	Medicine	2011	Assessment of Disease Extent and Prognosis in Proximal Small Bowel Crohn's Disease Cohort and Other Ulcerating Small Bowel Disease by Video Capsule Endoscopy (VCE)
David Chiriboga, MD	Medicine	2019	Global health neurology with a focus on neuroimmunology and neuroinfectious diseases
David Fairchild, MD	Medicine	2015	UMass Sports Cardiology Program
David Harlan, MD	Medicine	2013	Development of a UMMS atrial fibrillation biorepository
David Hatem, MD	Medicine	2015	Develop and perform a national survey to validate essential content for Adult-Gerontology Acute Care Nurse Practitioner (AG-ACNP) students to work in Critical Care
David Hatem, MD	Medicine	2016	Changes to the student-teacher classroom interaction to improve faculty & student satisfaction
David McManus, MD	Medicine	2019	Low-dose aspirin for prevention of preeclampsia: physician compliance and efficacy
Deborah DeMarco, MD	Medicine	2014	Innovations in advancing research and educational scholarship for clinical faculty
Deborah DeMarco, MD	Medicine	2015	A survey of Orthopaedic residents and program directors regarding their perceptions of the intern sixteen hour work day regulations
Deborah DeMarco, MD	Medicine	2016	Revitalizing EEG education curriculum
Deborah DeMarco, MD	Medicine	2017	Developing an integrated obstetric anesthesia curriculum
Dennis Tighe, MD	Medicine	2011	Noninvasive tissue perfusion monitor: A pilot study for the detection of hypoperfusion during complex spine surgery
Dennis Tighe, MD	Medicine	2012	Use of advanced echocardiography to distinguish Right ventricular MI (RVMI) from Pulmonary Embolism (PE)
Diane Blake, MD	Medicine	2017	The development and evaluation of a Flexible Clinical Experience (FCE) on current issues in transgendered health care
Dominic Nompoggi, MD, PhD	Medicine	2015	Pilot Project: The use of anti-inflammatories in the prevention of pancreatic adenocarcinoma in high-risk cohorts
Eric Alper, MD	Medicine	2019	Improved urology clinical communication and in-basket messaging
Gerald Aurigemma, MD	Medicine	2011	Sleep disorders in patients with kidney diseases and hypertension
Gerard Aurigemma, MD	Medicine	2016	Effect of lateral decubitus positioning during CT-guided lung biopsy on the rate of pneumothorax and diagnostic yield
Gyongyi Szabo MD, PhD	Medicine	2013	Role of miR-1's in hepatocellular carcinoma
Jane Feedman, MD	Medicine	2016	Association between plasma microRNAs and leukoaraisis burden among patients with cardioembolic stroke
Jane Feedman, MD	Medicine	2018	Placental miRNA in Maternal Circulation as a Potential Biomarker for Predicting Preeclampsia
Jason Chen, PhD	Medicine	2011	Reflex Cervista HPV 16/18 genotyping from Qiagen HC2 assay for Negative Cytology: Evaluation of the 16/18 Equivocal Zone & Biopsy Follow-up
JeanMarie Houghton, MD, PhD	Medicine	2014	Individualizing chemotherapy for colorectal cancer using a humanized mouse model
JeanMarie Houghton, MD, PhD	Medicine	2015	Evaluation of clinical features and outcome of CD20+, CD23- and FMC7=+ Lymphoproliferative disorders - single institutional experience
Jeffery Stoff, MD	Medicine	2016	Donor specific HLA antibodies in liver transplantation: a shift in paradigm
Jennifer Daly, MD	Medicine	2015	Defining and implementing appropriate measures to minimize infectious consequences from transrectal prostate biopsy
Joel Gore, MD	Medicine	2014	The relationship between ischemic stroke, infection and clinical outcome
John Keane, MD	Medicine	2011	Anti-inflammatory Properties of Ketamine in patients undergoing open heart surgery with cardiopulmonary bypass
John Keane, MD	Medicine	2016	PTX3 gene polymorphism and aortic valve stenosis
Judy Ockene, PhD, MEd, MA	Medicine	2013	Obesity management in primary care
Judy Ockene, PhD, MEd, MA	Medicine	2016	Review of resilience and neurological Diseases: A general neurologist's perspective on the urgent need to apply resilience thinking to the prevention and treatment of Alzheimer's disease
Judy Ockene, PhD, MEd, MA	Medicine	2018	It's your move: does a clinic-based intervention increase physical activity among patients?
Katherine Fitzgerald, PhD	Medicine	2015	Exercise induced ROS mediate protective vascular remodeling
Kathleen Mazor, EdD	Medicine	2012	Development of a training toolkit in play psychotherapy for residency programs
Kathleen Mazor, EdD	Medicine	2013	Unify health-related constructs in patient-reported outcome measurement
Kathleen Mazor, EdD	Medicine	2015	Development and Assessment of an Individualized Patient Guide for Critical Limb Ischemia Patients Planned for Lower Extremity Bypass
Kathleen Mazor, EdD	Medicine	2016	Measurement of parenting behavior in anxiety affected families: A systematic review
Kathleen Mazor, EdD	Medicine	2017	Improving provider-patient communication: Improving neurosurgical patient satisfaction by improving health literacy and setting appropriate expectations
Kathleen Mazor, EdD	Medicine	2018	The role of Shared Decision Making and Clinical Outcomes on patients with Multiple Sclerosis
Kathleen Mazor, EdD	Medicine	2019	Development of decision tool for medication assisted treatment initiation in the Emergency Department

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Lori Pbert, PhD	Medicine	2011	Grant Proposal: Magnetic Resonance Diffusion Tensor Imaging and Tract-Specific Analysis of Lumbar Radiculopathy
Lori Pbert, PhD	Medicine	2012	Use of inhaled medications among adults with COPD: Overcoming the challenges of limited health literacy
Lori Pbert, PhD	Medicine	2013	Effect of bariatric surgery on pregnancy outcomes
Mary Costanza, MD	Medicine	2013	Experiences with tests to find colon cancer
Mary Philbin, EdM	Medicine	2014	Development of a standardized curriculum for arthroscopic shoulder surgery
Mary Philbin, EdM	Medicine	2015	Standardized morning rounds
Melissa Fischer, MD	Medicine	2012	Development of an interdisciplinary curriculum on pediatric and adolescent gynecology for pediatric residents
Melissa Fischer, MD	Medicine	2014	Integration: Using the Virtual Microscopy Laboratory Setting to Enhance First-Year Medical Students' Understanding of Function
Melissa Fischer, MD	Medicine	2016	Development of an innovative global health curriculum for neurology residents
Milagros Rosal, PhD	Medicine	2015	Empower patients via Education of their Health(Diabetes Mellitus) & Link Treating Providers In Diabetic Care of our patients
Milagros Rosal, PhD	Medicine	2016	Coordination Impairments and risk for falling and mobility limitations among older adults
Naomi Botkin, MD	Medicine	2019	Developing a structured lecture series for the Cardiac Anesthesia Division
Neil Aronin, MD	Medicine	2011	Effects of Vitamin D Supplementation on Hemoglobin A1c in Adolescents with poorly-controlled type 2 diabetes
Neil Aronin, MD	Medicine	2012	Implementation of translational ALS research projects
Neil Aronin, MD	Medicine	2014	Should infants with Down Syndrome be screened more frequently for thyroid dysfunction?
Nikolaos Kakouros, MD	Medicine	2019	Radial access for neuro angiography and intervention
Oscar Starobin, MD	Medicine	2014	Understanding congenital heart defects
Richard Irwin, MD	Medicine	2011	Applicability and Validation of National Guidelines for Evaluation of Fever and Sepsis in Critical Care
Saki Santorelli, EdD	Medicine	2014	Nonviolent empowerment for health equity
Sarah McGee, MD, MPH	Medicine	2012	Simulation and anesthesiology crisis resource management
Sarah McGee, MD, MPH	Medicine	2013	Ultrasound evaluation of the airway anatomy for emergent cricothyroidotomy
Sarah McGee, MD, MPH	Medicine	2015	Simulation Use in ICU Medical Student Curriculum
Sarah McGee, MD, MPH	Medicine	2016	Teaching radiologist who perform image guided interventions effective communication skills through simulation
Sarah McGee, MD, MPH	Medicine	2014	Evaluating the implementation of an interprofessional team STEPPS curriculum for medical students using high fidelity simulation
Sheri Keitz, MD, PhD	Medicine	2016	Who refers patients for EMGs and why?
Sheri Keitz, MD, PhD	Medicine	2019	Developing a novel system for accessible screening for diabetic eye diseases
Sherry Pagoto, PhD	Medicine	2013	RADIAUS (Risperidone and Desipramine in alcohol use and schizophrenia)
Sherry Pagoto, PhD	Medicine	2016	Adolescent self-harm attempts and the use of social media
Stephenie Lemon, PhD	Medicine	2011	Development of a K grant proposal: Use of Online Social Networks for Smoking Cessation
Stephenie Lemon, PhD	Medicine	2016	Food addiction & binge eating in patients with type 2 diabetes
Suzana Makowski, MD	Medicine	2017	Outcomes of potential organ donors who do no progress to cardiac death within one hour of ventilator withdrawal
Suzana Makowski, MD	Medicine	2014	Conducting a needs assessment for palliative care in the children's medical center
William Thomas, PhD	Medicine	2013	Development and characterization of virus like particles (VLP) based vaccines for the prevention of Kaposi sarcoma herpesvirus
David Hatem, MD, Petra Bela	Medicine/Ob-Gyn	2017	Development and Implementation of Breastfeeding Curriculum
Brian Silver MD	Neurology	2018	Functional Connectome of High-Frequency Networks in Human Epilepsy
David Paydarfar, MD	Neurology	2012	Sleep disturbances and its relationship to pediatric inflammatory bowel disease
Sue Gagliardi, PhD	Neurology	2014	Post anesthesia care unit resident online resource
Susanne Muehlschlegel, MD	Neurology	2018	Neurocognitive impairment in hypobaric hypoxia at high altitude and the effect of coexisting traumatic brain injuries
Dawn K Fraga, Med	Ob/Gyn	2018	Developing and submitting an application for a new residency program in ophthalmology
Joanna Cain, MD	Ob/Gyn	2013	Clinical outcome of patients with insufficient sample on endometrial biopsy or curettage
Michael Flynn, MD	Ob/Gyn	2019	Treating uncomplicated UTIs over the phone: is it possible?
Tiffany A Moore Simas, MD, M	Ob/Gyn	2018	Defining Novel Urinary Markers for Prolonged Apnea of Prematurity
Tiffany A Moore Simas, MD, M	Ob/Gyn	2019	Developing a Pregnancy and Cardiovascular Disease Clinic

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Patricia Franklin, MD, MBA,	Orthopedics	2011	Quantitative assessment of glenohumeral translation in the pediatric population of throwing athletes
Patricia Franklin, MD, MBA,	Orthopedics	2012	Barriers to the delivery of guideline appropriate colorectal cancer care in Massachusetts
Patricia Franklin, MD, MBA,	Orthopedics	2013	A retrospective review of effects of direct attending physician education in emergency ultrasonography
Patricia Franklin, MD, MBA,	Orthopedics	2016	Optimization of Care for Traumatic Hip Fractures
Gail March Cohen, PhD	OUME	2019	Developing educational materials to promote implementation science engagement among clinicians and researchers
Ann Rothstein, PhD	Pathology	2019	The role of memory B-cells in multiple sclerosis pathology and disease monitoring
Ashraf Khan, MD	Pathology	2014	Next generation genetic sequencing in appendix cancer
Vijay Vanguri, MD	Pathology	2017	Can placental pathology help identify undiagnosed fetal growth restriction?
Katherine Luzuriaga, MD	Pediatrics	2012	Evaluation of a Global Health Training Program
Patricia McQuilkin, MD	Pediatrics	2019	Global Pediatric Surgery at UMass?
Peter Newburger, MD	Pediatrics	2011	Grant Writing: Novel AAV vector-mediated gene and cellular therapy for Fanconi Anemia.
Peter Newburger, MD	Pediatrics	2017	Defining an immune dysregulation signature in patients with breast cancer by multiparametric flow cytometry and transcriptome analysis
Ted Kremer, MD	Pediatrics	2016	Decreasing overuse of unnecessary therapy in management of bronchiolitis in <2yr old children, in Adult ED of a community hospital by implementing evidence based clinical practice guidelines.
Ted Kremer, MD	Pediatrics	2017	Decreasing emerging antibiotic resistance via a standardized approach to managing pediatric respiratory infections
Dale Greiner, PhD	PMM	2012	Impact of Interferon alpha Receptor on Human Hepatocellular Carcinoma Response to Interferon Alpha and Sorafenib Growing in Humanized Mice
Greg Pazour, PhD	PMM	2012	1) Re-directing Muller cell behavior to prevent fibrosis and gliosis of the retina 2) Developing tyrosine kinase inhibitors for the treatment of retinal proliferative diseases
Jason Kim, PhD	PMM	2011	Molecular response of monocytes in metabolic complications associated with adolescent obesity
Stephen Doxsey, PhD	PMM	2012	Function of ciliary disease protein CEP290
Victor Ambros, PhD	PMM	2013	Role of microRNA-155 in acetaminophen induced liver damage
Allison Rosen, PhD, MPH, Sc	PQHS	2012	Assessing the cost of the first year of hemodialysis
Amy Rosen, PhD	PQHS	2013	Comparative analysis of outcomes based regional and national data base programs to an internal audit for patients undergoing open lower extremity revascularization procedures.
Amy Rosen, PhD	PQHS	2015	Predictors of outcome in intracerebral hemorrhage
Arlene Ash, PhD	PQHS	2011	Functional imaging of olfactory processing in Parkinson's Disease
Arlene Ash, PhD	PQHS	2012	Mid-levels in a hospitalist program, financial impact, patient's experience
Arlene Ash, PhD	PQHS	2019	What are the organizational, interpersonal and power related effects on interprofessional relating and collaboration within the treatment team: A comparison of union and nonunion healthcare
Bruce Barton, PhD	PQHS	2018	Resting State fMRI Study of Concussion in collegiate Athletes
Bruce Barton, PhD	PQHS	2017	A phase 3 randomized, double-blinded, placebo controlled trial to determine the efficacy of mesenchymal stem cell neurotrophic factor cells in ALS patients
Catarina Kiefe, PhD, MD	PQHS	2011	Timing & impact of end-of-life (EOL) discussions in mortally injured patients
Eric Mick, ScD	PQHS	2014	Is pleomorphic lobular carcinoma in situ a precursor to invasive breast cancer
Eric Mick, ScD	PQHS	2017	Targeting BRG1 to Improve Chemotherapy Efficacy in Drug Resistant High-risk Neuroblastoma
Hong Yu, PhD	PQHS	2014	The role of osteoporosis in the development of bone metastases in breast cancer
Hong Yu, PhD	PQHS	2015	Recommendations for incidental findings on CT scan of the Abdomen and Pelvis
Jeroan Allison, MD, MS	PQHS	2011	Perinatal Mental Illness: The perspective of OB/Gyn providers and staff for optimization of treatment
Jeroan Allison, MD, MS	PQHS	2012	Vitamin D levels and depression during the menopausal transition women: SWAN database analysis
John Ware, PhD	PQHS	2012	Creating a pelvic organ prolapse utility scale for clinical decision making
John Ware, PhD	PQHS	2017	Improving Adherence in Drug Treatment Courts by Focusing on Participants' Quality of Life
Jomol Mathew, PhD	PQHS	2019	The creation of a database of patients undergoing trans-aortic valve replacement (TAVR) at the University of Massachusetts.
Kate Lapane, PhD	PQHS	2014	Development of a semester-long course in cancer epidemiology directed towards medical and graduate students
Kate Lapane, PhD	PQHS	2015	Quantification and enhanced understanding of the risk factor paradox in rheumatic disease research
Kate Lapane, PhD	PQHS	2016	Improving access and distribution of Naloxone rescue kits in Massachusetts pharmacies
Kate Lapane, PhD	PQHS	2018	A Pilot Study of Medication-Assisted Treatment Initiation for Opioid Use Disorder during an Acute Psychiatric Hospitalization for Patients with Comorbid Psychiatric Disorder
Kate Lapane, PhD	PQHS	2019	Hemoglobin A1C: an effective tool to screen for risk of cystic fibrosis related diabetes?
Kristin Mattocks, PhD, MPH	PQHS	2014	The health effects of disasters on patients using home oxygen and other home therapies

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Lori Pelletier, PhD, MBA	PQHS	2016	A life cycle assessment of reusable and disposable laceration repair kits in the emergency department
Lori Pelletier, PhD, MBA	PQHS	2019	Creating an efficient workflow for regular review of the PRESCRIPTION MONITORING PROGRAM (Mass PAT) for the Benedict clinic
Melissa Clark, PhD	PQHS	2017	Measurement of Resilience as a Risk Factor for Complications in Patients Undergoing Thoracic Surgery
Melissa Clark, PhD	PQHS	2019	Utility of a short trauma screening tool for use in pediatric clinical care
Robert Goldberg, PhD	PQHS	2011	A Grant Proposal to study Clinical and Genetic factors affecting outcome after traumatic brain injury
Robert Goldberg, PhD	PQHS	2012	Dantrolene in the prevention and treatment of cerebral vasospasm after subarachnoid hemorrhage
Robert Goldberg, PhD	PQHS	2013	Developing a transitional care program for patients with chronic illness
Robert Goldberg, PhD	PQHS	2014	Comparison of Moderate Sedation in Patients with and without Obstructive Sleep Apnea Undergoing Elective Colonoscopies
Robert Goldberg, PhD	PQHS	2015	Indication of low-risk acute coronary syndrome (ACS) patients based on the Revised GRACE Risk Score and implementation of same-day discharge post-PCI with tracking of 30-day outcomes
Robert Goldberg, PhD	PQHS	2018	Differences in Left Ventricular Reverse Remodeling Following Treatment of Aortic Stenosis Before and After Age 70
Robert Goldberg, PhD	PQHS	2018	Hemodynamic profiles in cardiogenic shock - a single center experience
Robert Goldberg, PhD	PQHS	2019	Barriers to supplemental screening in women at elevated risk for developing breast cancer in central Massachusetts
Stephenie Lemon, PhD	PQHS	2019	Healthcare disparities and improving outcomes in pediatric otolaryngology
Anthony Rothschild, MD	Psychiatry	2013	Clinical outcome changes associated with the implementation of a depression screening tool in epilepsy clinic
Anthony Rothschild, MD	Psychiatry	2019	Pre-Existing Use of Psychotropic Medications and Post-Stroke Outcome
Carl Fulwiler, MD, PhD	Psychiatry	2017	Introducing the medical humanities to address burnout: Inter-professional faculty development and recruitment at the UMMS Worcester Family Medicine Residency (WFMR)
David Kennedy, PhD	Psychiatry	2017	Post Stroke Epilepsy
David Kennedy, PhD	Psychiatry	2018	Right Hemispheric Lateralization of Autonomic, Behavioral & Neuro-immune Regulation
David Smelson, PsyD	Psychiatry	2017	Collaborative care for depression in a primary care for homeless individuals
Jean Frazier, MD	Psychiatry	2017	Novel biomarkers for early cognitive changes in Parkinson's disease
Marie Hobart, MD	Psychiatry	2019	Striving to provide wellness and opportunity to women of commercial sexual exploitation
Nancy Byatt, DO, MBA	Psychiatry	2017	Development of a proactive psychiatric consultation service pilot study
Nancy Byatt, DO, MBA	Psychiatry	2018	Maternal stress associated with breastfeeding: Identification of risk factors and strategies for management
Sheldon Benjamin, MD	Psychiatry	2012	Web-based cardiac anesthesia curriculum development
Alexi Bogdanov, PhD	Radiology	2011	Light-controlled siRNA delivery using ultraviolet (UV) emitted upconverting nanoparticles: an on-demand gene silencing technique
Matthew Gounis, PhD	Radiology	2019	Development of a minimally-invasive glaucoma surgery (MIGS) device that is titratable for variable target intra-ocular pressure (IOP).
Max Rosen, MD, MPH	Radiology	2015	Association of Changes in Corrected Flow Time with Changes in Glomerular Filtration Rate
Anne Larkin, MD	Surgery	2012	Development of an integrated curriculum in pediatric & adolescent gynecology
Anne Larkin, MD	Surgery	2013	Discrepancies in perceived teaching and learning
Anne Larkin, MD	Surgery	2017	Anesthesiology Critical Care Medicine Fellowship Revitalization
Anne Larkin, MD	Surgery	2019	Designing a System for Resident Evaluation and Feedback for Faculty
Fred Anderson, PhD	Surgery	2013	The development of a chest pain Standardized Clinical Assessment and Management Plan (SCAMP) in our Pediatric Emergency Department
Giles Whalen, MD	Surgery	2014	Implementation of behavioral health counseling in an outpatient obstetrics and gynecology clinic.
Giles Whalen, MD	Surgery	2013	Cost consideration of repeated follow up ultrasounds for benign thyroid nodules
Giles Whalen, MD	Surgery	2015	Evaluation of tumor markers in metastatic lung cancer as predictive markers in treatment response and disease progression
Jennifer Tjia, MD, MSCE	Surgery	2016	Comprehensive care of the geriatric acute care surgical patient
Jennifer Tseng, MD	Surgery	2011	A Prospective Randomized Trial of Two Surgical Techniques of Anterior Colporrhaphy
Louis M Messina, MD	Surgery	2018	Acute Pain Management After Video Assisted Thoracic Surgery
Margaret Hudlin, MD	Surgery	2016	Improving perioperative pain management at UMass Memorial Medical Center
Michael Blute, MD	Surgery	2011	Analysis of IMP3 expression and disease progression in bladder cancer