

<b>Class</b>	<b>Name</b>	<b>Department</b>	<b>Project</b>
2011	Alan Rosmarin, MD	Medicine	Exploration of Neuropathy in gynecologic oncology treatment
2011	Alexi Bogdanov, PhD	Radiology	Light-controlled siRNA delivery using ultraviolet (UV) emitted upconverting nanoparticles: an on-demand gene silencing technique.
2011	Arlene Ash, PhD	PQHS	Functional imaging of olfactory processing in Parkinson's Disease
2011	Bilil Piperdi, MD	Medicine	Grant Writing for the creation of a PET tumor registry and application of UMass as a National Oncology PET Registry (NOPR) facility.
2011	Carole Upshur, EdD	FMCH	Integrating health related quality of life (HRQOL) measures in clinical practice
2011	Catarina Kiefe, PhD, MD	PQHS	Timing & impact of end-of-life (EOL) discussions in mortally injured patients
2011	David Cave, MD	Medicine	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)
2011	Dennis Tighe, MD	Medicine	Noninvasive tissue perfusion monitor: A pilot study for the detection of hypoperfusion during complex spine surgery
2011	Ed Boudreaux, PhD	Emergency Medicine	Prehospital Evaluation of NEXUS Cervical Spine Clearance Criteria - A Pilot Study
2011	Gary Stein, PhD	Cell Biology	The Effects of CFTR Deficiency on Metabolic Bone Disease
2011	Gerald Aurigemma, MD	Medicine	Sleep disorders in patients with kidney diseases and hypertension
2011	Jason Chen, PhD	Medicine	Reflex Cervista HPV 16/18 genotyping from Qiagen HC2 assay for Negative Cytology: Evaluation of the 16/18 Equivocal Zone & Biopsy Follow-up

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2011	Jason Kim, PhD	PMM	Molecular response of monocytes in metabolic complications associated with adolescent obesity
2011	Jennifer Tseng, MD	Surgery	A Prospective Randomized Trial of Two Surgical Techniques of Anterior Colporrhaphy
2011	Jeroan Allison, MD, MS	PQHS	Perinatal Mental Illness: The perspective of OB/Gyn providers and staff for optimization of treatment
2011	John Keane, MD	Medicine	Anti-inflammatory Properties of Ketamine in patients undergoing open heart surgery with cardiopulmonary bypass
2011	Lori Pbert, PhD	Medicine	Grant Proposal: Magnetic Resonance Diffusion Tensor Imaging and Tract-Specific Analysis of Lumbar Radiculopathy
2011	Michael Blute, MD	Surgery	Analysis of IMP3 expression and disease progression in bladder cancer
2011	Neil Aronin, MD	Medicine	Effects of Vitamin D Supplementation on Hemoglobin A1c in Adolescents with poorly-controlled type 2 diabetes
2011	Patricia Franklin, MD, MBA,	Orthopedics	Quantitative assessment of glenohumeral translation in the pediatric population of throwing athletes
2011	Peter Newburger, MD	Pediatrics	Grant Writing: Novel AAV vector-mediated gene and cellular therapy for Fanconi Anemia.
2011	Richard Irwin, MD	Medicine	Applicability and Validation of National Guidelines for Evaluation of Fever and Sepsis in Critical Care
2011	Robert Goldberg, PhD	PQHS	A Grant Proposal to study Clinical and Genetic factors affecting outcome after traumatic brain injury
2011	Sheila Noone, PhD, RN	GSN	Targeting Leukemic Stem Cells in Patients with Chronic Myeloid Leukemia- Development of Phase II Study Protocol

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2011	Stephenie Lemon, PhD	Medicine	Development of a K grant proposal: Use of Online Social Networks for Smoking Cessation
2012	Allison Rosen, PhD, MPH, Sc	PQHS	Assessing the cost of the first year of hemodialysis
2012	Anne Larkin, MD	Surgery	Development of an integrated curriculum in pediatric & adolescent gynecology
2012	Arlene Ash, PhD	PQHS	Mid-levels in a hospitalist program, financial impact, patient's experience
2012	Dale Greiner, PhD	PMM	Impact of Interferon alpha Receptor on Human Hepatocellular Carcinoma Response to Interferon Alpha and Sorafenib Growing in Humanized Mice
2012	David Paydarfar, MD	Neurology	Sleep disturbances and its relationship to pediatric inflammatory bowel disease
2012	Dennis Tighe, MD	Medicine	Use of advanced echocardiography to distinguish Right ventricular MI (RVMI) from Pulmonary Embolism (PE)
2012	Eric Baehrecke, PhD	MCCB	Writing of a R01 grant on the role of caspase-2 during cone cell death in Retinitis Pigmentosa
2012	Greg Pazour, PhD	PMM	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
2012	Jeroan Allison, MD, MS	PQHS	Vitamin D levels and depression during the menopausal transition women: SWAN database analysis
2012	John Ware, PhD	PQHS	Creating a pelvic organ prolapse utility scale for clinical decision making
2012	Joseph DiFranza, MD	FMCH	Describe tobacco use trajectories

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2012	Katherine Luzuriaga, MD	Pediatrics	Evaluation of a Global Health Training Program
2012	Kathleen Mazor, EdD	Medicine	Development of a training toolkit in play psychotherapy for residency programs
2012	Lori Pbert, PhD	Medicine	Use of inhaled medications among adults with COPD: Overcoming the challenges of limited health literacy
2012	Melissa Fischer, MD	Medicine	Development of an interdisciplinary curriculum on pediatric and adolescent gynecology for pediatric residents
2012	Neil Aronin, MD	Medicine	Implementation of translational ALS research projects
2012	Patricia Franklin, MD, MBA,	Orthopedics	Barriers to the delivery of guideline appropriate colorectal cancer care in Massachusetts
2012	Robert Goldberg, PhD	PQHS	Dantrolene in the prevention and treatment of cerebral vasospasm after subarachnoid hemorrhage
2012	Sarah McGee, MD, MPH	Medicine	Simulation and anesthesiology crisis resource management
2012	Sheila Noone, PhD, RN	GSN	Phase 1/2 study of mitogen activated protein/extracellular signal regulated kinase (MEK) inhibitor in myelodysplastic syndrome (MDS)
2012	Sheldon Benjamin, MD	Psychiatry	Web-based cardiac anesthesia curriculum development
2012	Stephen Doxsey, PhD	PMM	Function of ciliary disease protein CEP290
2013	Amy Rosen, PhD	PQHS	Comparative analysis of outcomes based regional and national data base programs to an internal audit for patients undergoing open lower extremity revascularization procedures.

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2013	Andrew Evens, MD	Medicine	Optimizing delivery of lung cancer care to maximize patient outcomes in a cost-efficient manner
2013	Anne Larkin, MD	Surgery	Discrepancies in perceived teaching and learning
2013	Anthony Rothschild, MD	Psychiatry	Clinical outcome changes associated with the implementation of a depression screening tool in epilepsy clinic
2013	Barry Saver, MD	FMCH	Measure hospital climate for the delivery of patient and family centered care: Next steps and new directions
2013	David Harlan, MD	Medicine	Development of a UMMS atrial fibrillation biorepository
2013	Fred Anderson, PhD	Surgery	The development of a chest pain Standardized Clinical Assessment and Management Plan (SCAMP) in our Pediatric Emergency Department
2013	Giles Whalen, MD	Surgery	Cost consideration of repeated follow up ultrasounds for benign thyroid nodules
2013	Gyongyi Szabo MD, PhD	Medicine	Role of miR-1's in hepatocellular carcinoma
2013	Joanna Cain, MD	Ob/Gyn	Clinical outcome of patients with insufficient sample on endometrial biopsy or curettage
2013	Judy Ockene, PhD, MEd, MA	Medicine	Obesity management in primary care
2013	Kathleen Mazor, EdD	Medicine	Unify health-related constructs in patient-reported outcome measurement
2013	Lori Pbert, PhD	Medicine	Effect of bariatric surgery on pregnancy outcomes

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2013	Mary Costanza, MD	Medicine	Experiences with tests to find colon cancer
2013	Mary Zanetti	Institutional Research	An online curriculum for the pediatric ED rotation
2013	Patricia Franklin, MD, MBA,	Orthopedics	A retrospective review of effects of direct attending physician education in emergency ultrasonography
2013	Robert Goldberg, PhD	PQHS	Developing a transitional care program for patients with chronic illness
2013	Robin Clark, PhD	FMCH	The impact of minimally invasive surgery on infection reduction in complex spinal disorders
2013	Sarah McGee, MD, MPH	Medicine	Ultrasound evaluation of the airway anatomy for emergent cricothyroidotomy
2013	Sherry Pagoto, PhD	Medicine	RADIAUS (Risperidone and Desipramine in alcohol use and schizophrenia)
2013	Sue Gagliardi, PhD	Cell Biology	Case-based curriculum for acute neurology
2013	Victor Ambros, PhD	PMM	Role of microRNA-155 in acetaminophen induced liver damage
2013	William Thomas, PhD	Medicine	Development and characterization of virus like particles (VLP) based vaccines for the prevention of Kaposi sarcoma herpesvirus
2014	Ashraf Khan, MD	Pathology	Next generation genetic sequencing in appendix cancer
2014	Carole Upshur, EdD	FMCH	Juvenile competence to stand trial evaluation and remediation services: a national state survey

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2014	Deborah DeMarco, MD	Medicine	Innovations in advancing research and educational scholarship for clinical faculty
2014	Ed Boudreaux, PhD	Emergency Medicine	The Feasibility of Family Based Crisis Intervention for Acute Suicidal Adolescents
2014	Ed Boyer, MD, PhD	Emergency Medicine	Development and use of health technology to engage and sustain smoking cessation treatment
2014	Eric Mick, ScD	PQHS	Is pleomorphic lobular carcinoma in situ a precursor to invasive breast cancer
2014	Giles Whalen, MD	Surgery	Implementation of behavioral health counseling in an outpatient obstetrics and gynecology clinic.
2014	Hong Yu, PhD	PQHS	The role of osteoporosis in the development of bone metastases in breast cancer
2014	JeanMarie Houghton, MD, P	Medicine	Individualizing chemotherapy for colorectal cancer using a humanized mouse model
2014	Joel Gore, MD	Medicine	The relationship between ischemic stroke, infection and clinical outcome
2014	Kate Lapane, PhD	PQHS	Development of a semester-long course in cancer epidemiology directed towards medical and graduate students
2014	Kristin Mattocks, PhD, MPH	PQHS	The health effects of disasters on patients using home oxygen and other home therapies
2014	Mary Philbin, EdM	Medicine	Development of a standardized curriculum for arthroscopic shoulder surgery
2014	Melissa Fischer, MD	Medicine	Integration: Using the Virtual Microscopy Laboratory Setting to Enhance First-Year Medical Students' Understanding of Function

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2014	Neil Aronin, MD	Medicine	Should infants with Down Syndrome be screened more frequently for thyroid dysfunction?
2014	Oscar Starobin, MD	Medicine	Understanding congenital heart defects
2014	Robert Goldberg, PhD	PQHS	Comparison of Moderate Sedation in Patients with and without Obstructive Sleep Apnea Undergoing Elective Colonoscopies
2014	Roger Luckmann, MD, MPH	FMCH	Prostate specific antigen screening: defining practice patterns and educational opportunities
2014	Romolo Gaspari, MD	Emergency Medicine	Comparison of ultrasound and MRI for the diagnosis of lateral epicondylitis
2014	Saki Santorelli, EdD	Medicine	Nonviolent empowerment for health equity
2014	Sam Behar , MD, PhD	MaPS	Infection of Hematopoietic stem/progenitor cells implication for HIV-1 eradication
2014	Sarah McGee, MD, MPH	Medicine	Evaluating the implementation of an interprofessional team STEPPS curriculum for medical students using high fidelity simulation
2014	Sue Gagliardi, PhD	Neurology	Post anesthesia care unit resident online resource
2014	Suzana Makowski, MD	Medicine	Conducting a needs assessment for palliative care in the children's medical center
2015	Amy Rosen, PhD	PQHS	Predictors of outcome in intracerebral hemorrhage
2015	David Fairchild, MD	Medicine	UMass Sports Cardiology Program

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2015	David Hatem, MD	Medicine	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
2015	Deborah DeMarco, MD	Medicine	A survey of Orthopaedic residents and program directors regarding their perceptions of the intern sixteen hour work day regulations
2015	Dominic Nompleggi, MD, Ph	Medicine	Pilot Project: The use of anti-inflammatories in the prevention of pancreatic adenocarcinoma in high-risk cohorts
2015	Giles Whalen, MD	Surgery	Evaluation of tumor markers in metastatic lung cancer as predictive markers in treatment response and disease progression
2015	Hong Yu, PhD	PQHS	Recommendations for incidental findings on CT scan of the Abdomen and Pelvis
2015	JeanMarie Houghton, MD, P	Medicine	Evaluation of clinical features and outcome of CD20+, CD23- and FMC7=+ lymphoproliferative disorders - single institutional experience
2015	Jennifer Daly, MD	Medicine	Defining and implementing appropriate measures to minimize infectious consequences from transrectal prostate biopsy
2015	Kate Lapane, PhD	PQHS	Quantification and enhanced understanding of the risk factor paradox in rheumatic disease research
2015	Katherine Fitzgerald, PhD	Medicine	Exercise induced ROS mediate protective vascular remodeling
2015	Kathleen Mazor, EdD	Medicine	Development and Assessment of an Individualized Patient Guide for Critical Limb Ischemia Patients Planned for Lower Extremity Bypass
2015	Mary Philbin, EdM	Medicine	Standardized morning rounds

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2015	Max Rosen, MD, MPH	Radiology	Association of Changes in Corrected Flow Time with Changes in Glomerular Filtration Rate
2015	Milagros Rosal, PhD	Medicine	Empower patients via Education of their Health(Diabetes Mellitus) & Link Treating Providers In Diabetic Care of our patients
2015	Robert Goldberg, PhD	PQHS	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
2015	Sarah McGee, MD, MPH	Medicine	Simulation Use in ICU Medical Student Curriculum
2015	Stephen Heard, MD	Anesthesiology	Fluid Overload Assessment and Titration Trial: A Pilot Clinical Trial
2015	Suzanne Cashman, DSc	FMCH	Universal versus selective screening strategies for Lynch Syndrome
2016	Daniel Caffrey, PhD	Medicine	The missing link between the microbiota and IBD pathology
2016	David Hatem, MD	Medicine	Changes to the student-teacher classroom interaction to improve faculty & student satisfaction
2016	Deborah DeMarco, MD	Medicine	Revitalizing EEG education curriculum
2016	Ed Boyer, MD, PhD	Emergency Medicine	Comparison of 3D printed and 3D virtual models for understanding the functional neuroanatomy and vasculature relevant to stroke
2016	Gerard Aurigemma, MD	Medicine	Effect of lateral decubitus positioning during CT-guided lung biopsy on the rate of pneumothorax and diagnostic yield
2016	Jane Feedman, MD	Medicine	Association between plasma microRNAs and leukoaraisois burden among patients with cardioembolic stroke

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2016	Jeffery Stoff, MD	Medicine	Donor specific HLA antibodies in liver transplantation: a shift in paradigm
2016	Jennifer Tjia, MD, MSCE	Surgery	Comprehensive care of the geriatric acute care surgical patient
2016	John Keane, MD	Medicine	PTX3 gene polymorphism and aortic valve stenosis
2016	Judy Ockene, PhD, MEd, MA	Medicine	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
2016	Julie Jonassen, PhD	MaPS	A web-based, interactive pediatric infectious diseases curriculum
2016	Kate Burke, MD	Emergency Medicine	Creating a standard approach to the In-Patient Discharge Summary for effective communication of key clinical information
2016	Kate Lapane, PhD	PQHS	Improving access and distribution of Naloxone rescue kits in Massachusetts pharmacies
2016	Kathleen Mazor, EdD	Medicine	Measurement of parenting behavior in anxiety affected families: A systematic review
2016	Lori Pelletier, PhD, MBA	PQHS	A life cycle assessment of reusable and disposable laceration repair kits in the emergency department
2016	Margaret Hudlin, MD	Surgery	Improving perioperative pain management at UMass Memorial Medical Center
2016	Melissa Fischer, MD	Medicine	Development of an innovative global health curriculum for neurology residents
2016	Michele Pugnaire, MD	FMCH	Applying best practices in curriculum design to develop and advanced leadership course for the Doctor of Nursing Practice (DNP) learners

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2016	Milagros Rosal, PhD	Medicine	Coordination Impairments and risk for falling and mobility limitations among older adults
2016	Patricia Franklin, MD, MBA,	Orthopedics	Optimization of Care for Traumatic Hip Fractures
2016	Sarah McGee, MD, MPH	Medicine	Teaching radiologist who perform image guided interventions effective communication skills through simulation
2016	Sheri Keitz, MD, PhD	Medicine	Who refers patients for EMGs and why?
2016	Sherry Pagoto, PhD	Medicine	Adolescent self-harm attempts and the use of social media
2016	Stephenie Lemon, PhD	Medicine	Food addiction & binge eating in patients with type 2 diabetes
2016	Ted Kremer, MD	Pediatrics	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.
2017	Anne Larkin, MD	Surgery	Anesthesiology Critical Care Medicine Fellowship Revitalization
2017	Bruce Barton, PhD	PQHS	A phase 3 randomized, double-blinded, placebo controlled trial to determine the efficacy of mesenchymal stem cell neutrophilic factor cells in ALS patients
2017	Carl Fulwiler, MD, PhD	Psychiatry	Introducing the medical humanities to address burnout: Inter-professional faculty development and recruitment at the UMMS Worcester Family Medicine Residency (WFMR)
2017	David Hatem, MD, Petra Bela	Medicine/Ob-Gyn	Development and Implementation of Breastfeeding Curriculum
2017	David Kennedy, PhD	Psychiatry	Post Stroke Epilepsy

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2017	David Smelson, PsyD	Psychiatry	Collaborative care for depression in a primary care for homeless individuals
2017	Deborah DeMarco, MD	Medicine	Developing an integrated obstetric anesthesia curriculum
2017	Diane Blake, MD	Medicine	The development and evaluation of a Flexible Clinical Experience (FCE) on current issues in transgendered health care
2017	Eric Mick, ScD	PQHS	Targeting BRG1 to Improve Chemotherapy Efficacy in Drug Resistant High-risk Neuroblastoma
2017	Jean Frazier, MD	Psychiatry	Novel biomarkers for early cognitive changes in Parkinson's disease
2017	John Ware, PhD	PQHS	Improving Adherence in Drug Treatment Courts by Focusing on Participants' Quality of Life
2017	Kathleen Mazor, EdD	Medicine	Improving provider-patient communication: Improving neurosurgical patient satisfaction by improving health literacy and setting appropriate expectations
2017	Melissa Clark, PhD	PQHS	Measurement of Resilience as a Risk Factor for Complications in Patients Undergoing Thoracic Surgery
2017	Michael Kneeland, MD, MPH	FMCH	Developing a Pilot Nursing Curriculum for Serving Autistic Spectrum Disorder (ASD) Youth Transitioning from Teen to Adult (TAY)
2017	Nancy Byatt, DO, MBA	Psychiatry	Development of a proactive psychiatric consultation service pilot study
2017	Peter Newburger, MD	Pediatrics	Defining an immune dysregulation signature in patients with breast cancer by multiparametric flow cytometry and transcriptome analysis
2017	Suzana Makowski, MD	Medicine	Outcomes of potential organ donors who do not progress to cardiac death within one hour of ventilator withdrawal

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2017	Ted Kremer, MD	Pediatrics	Decreasing emerging antibiotic resistance via a standardized approach to managing pediatric respiratory infections
2017	Vijay Vanguri, MD	Pathology	Can placental pathology help identify undiagnosed fetal growth restriction?
2018	Alok Kapoor, MD	Medicine	Orthopedic Trauma patient discharge - standardization of process, facilitating early rehab and decreasing length of stay
2018	Beth A McCormick, PhD	MaPS	Does sustained virological response (SVR) alter gut microbiome in patients with Chronic Hepatitis C without cirrhosis
2018	Brian Silver MD	Neurology	Functional Connectome of High-Frequency Networks in Human Epilepsy
2018	Bruce Barton, PhD	PQHS	Resting State fMRI Study of Concussion in collegiate Athletes
2018	David Kennedy, PhD	Psychiatry	Right Hemispheric Lateralization of Autonomic, Behavioral & Neuro-immune Regulation
2018	Dawn K Fraga, Med	Ob/Gyn	Developing and submitting an application for a new residency program in ophthalmology
2018	Gregory Volturo MD	Emergency Medicine	Development and Implementation of a Specialized Foot Wound Center at UMass Medical Center
2018	Jane Feedman, MD	Medicine	Placental miRNA in Maternal Circulation as a Potential Biomarker for Predicting Preeclampsia
2018	Judy Ockene, PhD, MEd, MA	Medicine	It's your move: does a clinic-based intervention increase physical activity among patients?
2018	Karen Wiss, MD	Dermatology	Creation of Epidermolysis Bullosa Pathway for Perioperative Care: A Comprehensive Guide

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2018	Kate Lapane, PhD	PQHS	A Pilot Study of Medication-Assisted Treatment Initiation for Opioid Use Disorder during an Acute Psychiatric Hospitalization for Patients with Comorbid Psychiatric Disorder
2018	Kathleen Mazor, EdD	Medicine	The role of Shared Decision Making and Clinical Outcomes on patients with Multiple Sclerosis
2018	Kavita Manyam Babu, MD	Emergency Medicine	The Role of Screen Time in Recovery from Concussion
2018	Louis M Messina, MD	Surgery	Acute Pain Management After Video Assisted Thoracic Surgery
2018	Michelle A Kelliher, PhD	MCCB	AON-induced alternative splicing as novel therapy with hematologic malignancies
2018	Nancy Byatt, DO, MBA	Psychiatry	Maternal stress associated with breastfeeding: Identification of risk factors and strategies for management
2018	Robert Goldberg, PhD	PQHS	Differences in Left Ventricular Reverse Remodeling Following Treatment of Aortic Stenosis Before and After Age 70
2018	Robert Goldberg, PhD	PQHS	Hemodynamic profiles in cardiogenic shock - a single center experience
2018	Roger Luckmann, MD, MPH	FMCH	1. Improvement of awareness and access of lung cancer screening 2. Barriers to appropriate pulmonary nodule follow up at UMass Memorial Medical Center
2018	Scott D Wellman, MD	FMCH	Development of a simulation-based program to enhance multi-disciplinary pediatric health care provider communication skills
2018	Susanne Muehlschlegel, MD	Neurology	Neurocognitive impairment in hypobaric hypoxia at high altitude and the effect of coexisting traumatic brain injuries
2018	Suzanne Cashman, DSc	FMCH	Thermal imaging to detect bacterial pneumonia in children in Bangladesh

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2018	Tiffany A Moore Simas, MD	Ob/Gyn	Defining Novel Urinary Markers for Prolonged Apnea of Prematurity
2019	Aaron Scott, DO	Anesthesiology	Development of a curriculum for neurocritical care fellowship that incorporates simulation, web based learning tools, as well as interdisciplinary didactics
2019	Ann Rothstein, PhD	Pathology	The role of memory B-cells in multiple sclerosis pathology and disease monitoring
2019	Anne Larkin, MD	Surgery	Designing a System for Resident Evaluation and Feedback for Faculty
2019	Anthony Rothschild, MD	Psychiatry	Pre-Existing Use of Psychotropic Medications and Post-Stroke Outcome
2019	Arlene Ash, PhD	PQHS	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
2019	Arthur Mercurio, PhD	MCCB	Development of in vitro models of metastasis to investigate the interplay between mechanotransduction and metastatic pathways regulated by the tumor microenvironment
2019	Carol Bova, PhD	GSN	Mental health in medical, nursing, and graduate students referred to student counseling services: a retrospective chart review study
2019	Chinmay Trivedi, MD, PhD	Medicine	Histone deacetylases in congenital renal disease
2019	David Chiriboga, MD	Medicine	Global health neurology with a focus on neuroimmunology and neuroinfectious diseases
2019	David McManus, MD	Medicine	Low-dose aspirin for prevention of preeclampsia: physician compliance and efficacy

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2019	Eric Alper, MD	Medicine	Improved urology clinical communication and in-basket messaging
2019	Gail March Cohen, PhD	OUME	Developing educational materials to promote implementation science engagement among clinicians and researchers
2019	Jomol Mathew, PhD	PQHS	The creation of a database of patients undergoing trans-aortic valve replacement (TAVR) at the University of Massachusetts.
2019	Kate Lapane, PhD	PQHS	Hemoglobin A1C: an effective tool to screen for risk of cystic fibrosis related diabetes?
2019	Kathleen Mazor, EdD	Medicine	Development of decision tool for medication assisted treatment initiation in the Emergency Department
2019	Lori Pelletier, PhD, MBA	PQHS	Creating an efficient workflow for regular review of the PRESCRIPTION MONITORING PROGRAM (Mass PAT) for the Benedict clinic
2019	Marie Hobart, MD	Psychiatry	Striving to provide wellness and opportunity to women of commercial sexual exploitation
2019	Matthew Gounis, PhD	Radiology	Development of a minimally-invasive glaucoma surgery (MIGS) device that is titratable for variable target intra-ocular pressure (IOP).
2019	Melissa Clark, PhD	PQHS	Utility of a short trauma screening tool for use in pediatric clinical care
2019	Michael Flynn, MD	OB/Gyn	Treating uncomplicated UTIs over the phone: is it possible?
2019	Naomi Botkin, MD	Medicine	Developing a structured lecture series for the Cardiac Anesthesia Division
2019	Nikolaos Kakouros, MD	Medicine	Radial access for neuro angiography and intervention

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2019	Patricia McQuilkin, MD	Pediatrics	Global Pediatric Surgery at UMass?
2019	Paul Kaufmann, PhD	MCCB	To write a successfully funded R01/R35 application to NIH/NIGMS
2019	Pichard Pavao, MD	Anesthesiology	Post-operative pain control following endoscopic sinus surgerye sleep apnea
2019	Robert Goldberg, PhD	PQHS	Barriers to supplemental screening in women at elevated risk for developing breast cancer in central Massachusetts
2019	Sheri Keitz, MD, PhD	Medicine	Developing a novel system for accessible screening for diabetic eye diseases
2019	Stephenie Lemon, PhD	PQHS	Healthcare disparities and improving outcomes in pediatric otolaryngology
2019	Tiffany A Moore Simas, MD,	Ob/Gyn	Developing a Pregnancy and Cardiovascular Disease Clinic
2019	Warren Ferguson, MD	FMCH	Diversity and Health Equity Curriculum
2020	Aaron Scott, DO	Anesthesiology	The Flight Physician Track for Emergency Medicine Residents
2020	Barbara Olendzki, RD, MPH, LDN	PQHS	Study outcomes of children with IBD that are switched to 2nd biologics
2020	Beth McCormick, PhD	MaPS	Regulation of the gut microbiota by metabolic stress signaling
2020	Bittie Behl-Chadha, PhD	Anesthesiology	Interventional Pain in the palliative care setting; a needs assessment for UMass Memorial Medical Center (UMMMC)

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2020	Craig Lilly, MD	Medicine	A Virtual Pilot Project: Telepsychiatry and Women's Mental Health
2020	Dave Hatem, MD	Medicine	Narrative Medicine in Pediatric Residency Training
2020	Dave McManus, MD	Medicine	Improving evidence-based selection of potential living kidney donors by extending long-term follow up of donor candidates
2020	Donna Perry, PhD, RN	GSN	First year medical students' priority of reference use for concept review/fact-checking in anatomical study
2020	Eric Alper, MD	Medicine	Strategies to increase clinician utilization of and adherence to "ACR Select" integrated decision support software when ordering advanced medical imaging
2020	Francesco Aiello, MD	Medicine	Multidisciplinary and Minimalist Post Procedure Care for Patients undergoing Transcatheter Valve Replacement
2020	Hugh Silk, MD	FMCH	Bridging the Gap Between Systems, Patient Care and Education: The Development and Implementation of a Fluoride Varnish Workflow During Well Child Checks at a Rural Health Center
2020	Jennifer Baima, MD	Orthopedics	A Comprehensive Prehabilitation Program for Pancreatic Cancer Patients
2020	Kathy Mazor, EdD	Medicine	Testing a Mutual Caregiving Model of Older Adult Couples Living with Chronic Health Conditions at Home
2020	Manas Das, MD	Radiology	Competency-based curriculum design of AGPCNP track within the DNP program
2020	Mary Philbin, EDM	Medicine	The Impact of a Case Based Curriculum in an Emergency Medicine Sub-internship on Student Engagement and Education
2020	Matt Alcusky, PhD, PharmD, MS	PQHS	Impact of P2Y12 Reaction Units Value in flow diverter treatment for brain aneurysms

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2020	Melissa Fisher, MD	Medicine	The Social Determinants of Health in Medical School: learning to engage local communities to address social factors that affect health
2020	Robert Goldberg, PhD	PQHS	The incidence and risks of post-operative surgical site hematoma in kidney transplant patients in UMass Renal Transplant Program
2020	Sally Gore, MS, MS, LIS	Library	Exploring Disease/Syndromes and Genes in Neuromuscular Medicine Case Reports from 1955 to 2018 with Data Science Techniques
2020	Shlomit Schaal, MD, PhD	Ophthalmology	Developing a Neurosurgical Program at Health Alliance
2020	Stephenie Lemon, PhD	PQHS	Analyzing the Impact of Lung Cancer Screening on early stage lung cancer detection rates
2020	Suzanne Cashman, DSc	FMCH	Disparities in Access to and Participation in Supportive Therapies amongst Pediatric Patients with Autism Spectrum Disorder
2020	Sybil Crawford, PhD	Medicine	Who said what? Using interpreter services in forensic mental health evaluations
2020	William Corbett, MD	Medicine	Establishing a New Patient-Centered Eye Clinic in our Community
2021	Andres Schanzer, MD	Vascular Surgery	Implementation of a Total Joint Registry for Shoulder Arthroplasty
2021	Anthony Nunes, PhD	PQHS	Impact of a Neonatal Bilirubin Algorithm on the Management of Hyperbilirubinemia in Premature Infants < 35 Weeks Gestational Age
2021	Arlene Ash, PhD	PQHS	Yield of a 3 <sup>rd</sup> angiogram in angiographic-negative subarachnoid hemorrhage
2021	Bittie Behl-Chadha, PhD	CWM	Patient Satisfaction with Tele-Health Services in the Division of Pediatric Neurology

<b>Class</b>	<b>Name</b>	<b>Department</b>	<b>Project</b>
2021	Carol Bova, PhD	GSN	Utilization of Iron Sucrose as an MRI Contrast Agent in Patients with Renal Failure
2021	Carolynn DeBenedectis, MD	Radiology	Virtual Efficiency Curriculum for senior Medical Students and Interns in Emergency Medicine
2021	Christine Woolf, PhD	Medicine	My Students are Passing Their Boards. How Do I Know My Teaching Strategies are Effective?
2021	David McManus, MD	Medicine	Analysis of Opportunities to Introduce an Emergency Department Managed Discharge Program for Moderate Risk Chest Pain
2021	Eric, Alper, MD	Medicine	Association between previous cervical spine fusion and failed first attempt at direct laryngoscopy: a retrospective chart review
2021	Frank Domino, MD	FMH	UMass Emergency Medicine Residency Formal Education Curriculum Re-Design
2021	Hemant Khanna, PhD	Ophthalmology	Ependymal Motile Cilia Signaling and Human Idiopathic Normal Pressure Hydrocephalus
2021	Jean Frazier, MD	Psychiatry	Building a comprehensive Tourette Syndrome clinic
2021	Joseph Sabato, MD	Emergency Med	The Impact of the COVID-19 pandemic on rates of bystander CPR, time to ROSC, outcomes and survival in out-of-hospital cardiac arrest patients
2021	Katherine Callaghan, MD	OB/GYN Baystate	Development of a comprehensive resident curriculum for substance use disorders in pregnancy
2021	Kathy Mazor, MEd	Medicine	Building an inpatient asthma education program to improve asthma outcomes
2021	Kevin Kotkowski, MD	Emergency Med	Improving the quality of sepsis care in the ED

<b>Class</b>	<b>Name</b>	<b>Department</b>	<b>Project</b>
2021	Lori Pbert, PhD	PQHS	Establishing a Suicide Care Pathway in the Psychiatry Outpatient Clinic at UMMHC
2021	Mary Hawthorne, MD	Medicine	Developing a formal curriculum for the Rural Health Scholars pathway program
2021	Matt Alcusky, PhD, PharmD, MS	PQHS	Perampanel for refractory status epilepticus – an RCT
2021	Milagros Rosal, PhD	PQHS	Improving Health Equity on Inpatient Wards Through Quality Data Collection at Marlborough Hospital
2021	Nils Henninger, MD	Neurology	Development of an MR T1-Weighted, Non-Contrast Perfusion Imaging Sequence for Neuroradiology
2021	Robert Goldberg, PhD	PQHS	Epidemiological and Therapeutic Insights on Patients with Multiple Sclerosis and Migraine
2021	ShaoHsien Liu, PhD, MPH	Liu	Outcome Assessment for Treatment of Spine Disorders
2021	Shlomit Schaal, MD, PhD	Ophthalmology	Feasibility of an outpatient cognitive rehabilitation in the Department of Psychiatry
2021	Susan Gagliardi, PhD	Neurology	Designing an integrated cardiothoracic imaging curriculum: concept, implementation, evaluation, and optimization
2021	Sybil Crawford, PhD	GSN	The effectiveness of a quality Improvement project for advance care planning among older adults in primary care settings
2021	Yasmin Carter, PhD	Radiology	OB/GYN medical student education during a pandemic and how that impacts future curriculum
2021	Zhiping Weng, PhD	Biochem Molecular Pharmacology	Writing an R01 application to NIH on computational methods development and analyzing omics data to genome-wide exploring noncoding RNAs/RNA modifications.