



CENTER FOR CLINICAL AND TRANSLATIONAL SCIENCE

Pre- and Post-Doctoral Fellowship Training Program

PRE-DOCTORAL AWARDEES

2022		
Investigator	Primary Mentor(s)	Project Title
Carly Herbert MD/PhD Student	Apurv Soni, MD, PhD	Optimizing Use of Rapid Antigen Diagnostics for COVID-19
Pryce Michener MD/PhD Student	Peter Friedmann, MD	Implementation of Medications for Opioid Use Disorder in Massachusetts Jails
Laël Ngangmeni, MBS MD/PhD Student	Kristin Mattocks, PhD, MPH	Racial/Ethnic Differences in Provider Referrals and Perceptions of Prenatal Care among Pregnant Veterans
2020		
Investigator	Primary Mentor(s)	Project Title
Zachary Dyer, AB, MPH MD/PhD Student	Jay S Himmelstein MD, MPH Arlene S Ash PhD	The Public-Private Payer Price Gap and its Impact on Equity
Julie Hugunin, BS MD/PhD Student	Kate Lapane, PhD, MS	Healthcare Utilization in Youth with Serious Mental Illness
Melissa Goulding, BS, MS PhD Student	Stephanie Lemon, PhD	Pediatric Hypertension: Screening and Management within the UMMHC System
Katarina Ferrucci, BA, MS PhD Student	Kate Lapane, PhD, MS William Michael Jesdale, PhD	Evaluation of eating disorder prevalence and provider clinical climate in the treatment and diagnosis of eating disorders among US transgender adults
Esther Boama-Nyarko, BS, MPH PhD Student	Stephanie Lemon, PhD	Disparities in Perinatal Mood and Anxiety disorders: Understanding differences in treatment participation for women of color in MCPAP for Moms and PRISM Interventions.
2018		
Investigator	Mentor(s)	Project Title
Maira Castaneda – Avila, MS PhD Student Clinical & Population Health Research	Mara Epstein, ScD Brian C. Lewis, PhD	Health Care Utilization and Outcomes of Patients with Monoclonal Gammopathy of Undetermined Significance
2017		
Investigator	Mentor(s)	Project Title
Karen Ashe, MS, MNSP PhD Student Clinical and Population Health Research	Judith Ockene, PhD, MEd, MA	Evaluating Changes in Family and Internal Medicine Preceptor Weight Management Counseling Knowledge, Attitudes and Self- efficacy After Completion of a Brief Training Program
Andrea A. Lopez-Cepero, MHSN PhD Student Quantitative Health Sciences	Milagros C. Rosal, PhD Sharina D. Person, PhD	Exploring the Role of Stress in the Association Between Weight Change and HbA1c Change: An Analysis of the Boston Puerto Rican in Health Study

Deborah S. Mack, MPH PhD Student Quantitative Health Sciences	Kate Lapane, PhD, MS Brian C. Lewis, PhD	Unequal Care in the Nursing Home: Evidence of Racial Disparities in Pain Management Among Nursing Home Residents with Cancer
Meera Sreedhara, MPH PhD Student Quantitative Health Sciences	Stephenie Lemon, PhD	Primary Prevention of Cardiovascular Disease Through Evidence-based Public Health: A MixedMethods Assessment of Community Health Improvement Plan Implementation
Grace Masters, BS MD/PhD Student Quantitative Health SciencesDepartment	Nancy Byatt, DO, MBA	Recognition and treatment of bipolar disorder among pregnant and postpartum women in obstetric and psychiatric practices
Phillip Feinberg, BS MD/PhD Student Neurobiology	Dorothy Schafer, PhD	Molecular and cellular dissection of the gut-brainaxis in children with autism

2016

Investigator	Mentor(s)	Project Title
Alec Gramann, BS MD/PhD Program Molecular Medicine	Craig J. Ceol, PhD	Evaluating anti-GDF6 Treatment as Potential Therapy for Advanced Melanoma and Breast Cancer
Apurv Soni, BA MD/PhD Student Quantitative Health Sciences	Jeroan Allison, MD MSc	Understanding Predictors and Trends of Maternal and Child-Health in India at an Individual, Community, and Population Level: Challenges and Opportunities for Improvement
Jacob Hunnicutt, MPH PhD Student Clinical and Population Health Research Program	Kate Lapane, PhD, MS	Building the Evidence Base to Improve Pain Management in Nursing Home Residents withCancer

POST DOCTORAL AWARDEES

2022		
Investigator	Mentor(s)	Project Title
Stephen Diggs, PhD Post-Doctoral Associate RNA Therapeutics Institute	Andrei Korostelev, Ph.D. and Nikolaus Grigorieff, Ph.D.	Elucidating the molecular basis of ALS using high-resolution in situ cryo-EM
2020		
Investigator	Mentor(s)	Project Title
Attah Mbrah, MPH, PhD Postdoctoral Fellow Population and Quantitative Health Sciences	Kate Lapane, PhD, MS Shao-Hsien Liu, PhD	Patient, Facility Characteristics, and Post-Rehabilitation Outcomes After Joint Replacement Surgery Among Nursing Home Residents: A Systematic Review
Deborah Mack, MPH, PhD Postdoctoral Fellow Population and Quantitative Health Sciences	Jennifer Tjia, MD, MSCE Kate Lapane, PhD, MS	Statin Pharmacotherapy in US Nursing Homes
2018		
Investigator	Mentor(s)	Project Title
Andriana Foiles Sifuentes, PhD Postdoctoral Fellow Population and Quantitative Health Sciences	Jennifer Tjia, MD, MSCE	Beyond the Numbers: Mixed-Method Approaches to Addressing Disparities in Cardiovascular Disease
Matthew Harkey, PhD Postdoctoral Fellow Population and Quantitative Health Sciences	Kate Lapane, PhD, MS	A Novel Measure of Early Meniscal and Cartilage Integrity to Predict Accelerated Knee Osteoarthritis and Incident Meniscal Pathology
2017		
Investigator	Mentor(s)	Project Title
Sarah Forrester, PhD, MS Postdoctoral Fellow Quantitative Health Sciences	Catarina I. Kiefe, PhD, MD	Cardiovascular Health Disparities: A Biopsychosocial Perspective
Essa Hariri, MD Resident Physician Medicine	Jeffrey Rade, MD Robert Goldberg, PhD	Prostanoid Balance and Cardiovascular Risk
2016		
Investigator	Mentor(s)	Project Title
Matthew Alcusky, PharmD, MS Research Fellow Health Economics and Outcomes	Kate L. Lapane, PhD, MS	Neglected by the Evidence: Pharmacoepidemiologic Research in Older Adults with Cardiovascular Disease
Vijaya T. Daniel, MD, MPH General Surgery Resident Surgical Research Scholar	Heena P. Santry, MD, MS Beth McCormick, PhD Catarina Kiefe, PhD, MD	Microbial determinants of Gastrointestinal Perforation Incidence and Outcomes

Jonathan Green, MD General Surgery Resident Department of General Surgery UMass Center for mHealth and SocialMedia	Jeremy T. Aidlen, MD, VACS, FAAP Sherry L. Pagoto, PhD	Implementation and Utilization of Mobile Technology in Adolescent Bariatric Surgery Patients
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