



TL1 Pre- and Post-Doctoral Fellowship Training Program

PRE-DOCTORAL AWARDEES

2023		
Investigator	Primary Mentor(s)	Project Title
Gretchen Weaver, MPH PhD Student, Population and Quantitative Health Sciences, UMass Chan-Worcester	Sarah Forrester, PhD, MS	Investigation of COVID-Related Discrimination and Racial Bias Experiences of Black and Latinx Research
Sydney Griger PhD Student, Biomedical Engineering, UMass Amherst	Stacyann Bailey, PhD	Predicting Risk of Spine Fractures in Patients with Breast Cancer Bone Metastasis
2022		
Investigator	Primary Mentor(s)	Project Title
Carly Herbert MD/PhD Student, Department of Medicine, UMass Chan-Worcester	Apurv Soni, MD, PhD	Optimizing Use of Rapid Antigen Diagnostics for COVID-19
Pryce Michener MD/PhD Student, Population and Quantitative Health Sciences, UMass Chan-Worcester	Peter Friedmann, MD	Implementation of Medications for Opioid Use Disorder in Massachusetts Jails
Laël Ngangmeni, MBS MD/PhD Student, Population and Quantitative Health Sciences, UMass Chan-Worcester	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, MPH MD/PhD Student, Genomics & Computational Biology, UMass Chan-Worcester	Jay S Himmelstein MD, MPH Arlene S Ash, PhD	The Public-Private Payer Price Gap and its Impact on Equity
Julie Hugunin MD/PhD Student, Population and Quantitative Health Sciences, UMass Chan-Worcester	Kate Lapane, PhD, MS	Healthcare Utilization in Youth with Serious Mental Illness
Melissa Goulding, MS PhD Student, Population and Quantitative Health Sciences, UMass Chan – Worcester	Stephenie Lemon, PhD	Pediatric Hypertension: Screening and Management within the UMMHC System

Katarina Ferrucci, MS PhD Student, Population and Quantitative Health Sciences, UMass Chan-Worcester	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, MPH PhD Student, Population and Quantitative Health Sciences, UMass Chan-Worcester	Stephenie 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, UMass Chan-Worcester	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, UMass Chan-Worcester	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, Population and Quantitative Health Sciences, UMass Chan-Worcester	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, Population and Quantitative Health Sciences, UMass Chan-Worcester	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, Population and Quantitative Health Sciences, UMass Chan-Worcester	Stephenie Lemon, PhD	Primary Prevention of Cardiovascular Disease Through Evidence-based Public Health: A Mixed Methods Assessment of Community Health Improvement Plan Implementation
Grace Masters MD/PhD Student, Population and Quantitative Health Sciences, UMass Chan-Worcester	Nancy Byatt, DO, MBA	Recognition and treatment of bipolar disorder among pregnant and postpartum women in obstetric and psychiatric practices
Phillip Feinberg MD/PhD Student, Neurobiology, UMass Chan-Worcester	Dorothy Schafer, PhD	Molecular and cellular dissection of the gut-brain axis in children with autism

2016

Investigator	Mentor(s)	Project Title
Alec Gramann MD/PhD Student, Program in Molecular Medicine, UMass Chan-Worcester	Craig J. Ceol, PhD	Evaluating anti-GDF6 Treatment as Potential Therapy for Advanced Melanoma and Breast Cancer

Apurv Soni MD/PhD Student, Quantitative Health Sciences, UMass Chan-Worcester	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, UMass Chan-Worcester	Kate Lapane, PhD, MS	Building the Evidence Base to Improve Pain Management in Nursing Home Residents with Cancer

POST DOCTORAL AWARDEES

2024		
Investigator	Mentor(s)	Project Title
Harris T. Feldman, MD Postdoctoral Fellow, Program in Digital Medicine, UMass Chan-Worcester	Apurv Soni, MD, PhD	Characterization of Inflammatory Bowel Disease Flares using Electronic Medical Record and Home-based Collection of Data and Identifying Multimodal Predictors of Flares
2022		
Investigator	Mentor(s)	Project Title
Stephen Diggs, PhD Post-Doctoral Associate, RNA Therapeutics Institute, UMass Chan-Worcester	Andrei Korostelev, PhD Nikolaus Grigorieff, PhD	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, UMass Chan-Worcester	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, UMass Chan-Worcester	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, UMass Chan-Worcester	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, UMass Chan-Worcester	Kate Lapane, PhD, MS	A Novel Measure of Early Meniscal and Cartilage Integrity to Predict Accelerated Knee Osteoarthritis and Incident Meniscal Pathology
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2017

Investigator	Mentor(s)	Project Title
Sarah Forrester, PhD, MS Postdoctoral Fellow, Quantitative Health Sciences, UMass Chan-Worcester	Catarina I. Kiefe, PhD, MD	Cardiovascular Health Disparities: A Biopsychosocial Perspective
Essa Hariri, MD Resident Physician, Department of Medicine, UMass Chan-Worcester	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, UMass Chan-Worcester	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, Department of General Surgery; Surgical Research Scholar, UMass Chan-Worcester	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 Health and Social Media, UMass Chan-Worcester	Jeremy T. Aidlen, MD, VACS, FAAP Sherry L. Pagoto, PhD	Implementation and Utilization of Mobile Technology in Adolescent Bariatric Surgery Patients