



UMCCTS Mentored Career Development (KL2) Awardees

2023		
Investigator	KL2 Mentor(s)	Project Title
Raquel Binder, PhD Assistant Professor, Department of Infectious Disease	Ann Moormann, PhD, MPH Professor, Department of Medicine, Division of Infectious Diseases and Immunology	Unraveling Respiratory Virus Transmission Dynamics among Latinx and Black Communities in MA
Anna Whelan, MD Assistant Professor, Department of Obstetrics and Gynecology	Tiffany Moore Simas, MD, MPH Chair and Professor, Department of Obstetrics and Gynecology	Adapting a Health at Every Size Intervention to Obstetric Care
Evan Bradley, MD, PhD Assistant Professor, Department of Emergency Medicine	John Haran, MD, PhD Professor, Department of Emergency Medicine, Division of Research	Oral Microbiome in Respiratory Viruses
Maira Alejandra Castañeda Avila, PhD Assistant Professor, Department of Population and Quantitative Health Sciences	Kate Lapane, PhD Professor, Division of Epidemiology of Chronic Diseases & Vulnerable Populations, Department of Quantitative Health Sciences; Associate Dean, Clinical & Population Health Research	Multiple chronic conditions and colorectal cancer in older Hispanic adults: a mixed methods approach
2022		
Investigator	KL2 Mentor(s)	Project Title
Nisha Fahey, DO Assistant Professor, Department of Pediatrics	Jeroan Allison, MD, MS Chair and Professor, Department of Population and Quantitative Science	Enabling Community-Based Kangaroo Care to Mitigate Health Inequities Among Preterm Infants
Lara Kovell, MD Assistant Professor, Department of Medicine, Division of Cardiology	David McManus, MD Chair and Professor, Department of Medicine, Division of Cardiovascular Medicine	Development of a Mobile Health Intervention for Blood Pressure Management in Pregnancy
Laurel O'Connor, MD Assistant Professor, Department of Emergency Medicine	Edwin Boudreaux, MD Professor of Emergency Medicine, Psychiatry and Quantitative Health Sciences; Vice Chair of Research, Department of Emergency Medicine	A mobile Integrated Health Intervention for the Management of Acute-Phase Exacerbation of Congestive Health Failure and Chronic Obstructive Pulmonary Disease
Martha Zimmermann, PhD Assistant Professor, Department of Psychiatry	Nancy Byatt, DO, MBA, MS, DFAPA, FACLP Professor with Tenure, Departments of Psychiatry, Ob/Gyn, and Population and Quantitative Health Sciences	Developing a Scalable Intervention to Prevent Perinatal Anxiety in Obstetric Settings
2020		
Investigator	KL2 Mentor(s)	Project Title
Patricia Cho, MD Assistant Professor, Department of Urology	Beth McCormick, PhD Professor and Vice Chair, Department of Microbiology and Physiological Systems	Gut Microbiome and Apolipoproteins in Recurrent UTI and Renal Damage

	Jane Freedman, MD Professor, Department of Medicine, Division of Cardiology	
Ayorkor Gaba, PsyD, Assistant Professor, Department of Psychiatry	David Smelson, PsyD Professor, Department of Psychiatry	Advancing Behavioral Health Equity for Justice-Involved Adults
Chris Hemond, MD Assistant Professor, Department of Neurology	Robert Brown, MD, DPhil LaChance Family Chair, Department of Neurology	Translational MRI and immunological predictors of neurodegeneration in multiple sclerosis: exploring memory B-cell and monocyte populations
Sohye Kim, PhD Assistant Professor, Department of Psychiatry	Jean Frazier, MD Executive Director of the Eunice Kennedy Shriver Center, Director of Child and Adolescent Neurodevelopment Initiative, and Professor of Psychiatry and Pediatrics at UMMS	Establishing Novel Neural Markers that can Detect Individual Differences in the Developing Brain's Capacity to Respond to Social Cues
2019		
Investigator	KL2 Mentor(s)	Project Title
Daniel Amante, PhD Assistant Professor, Department of Population and Quantitative Health Sciences	Thomas Houston, MD Professor and Division Chief, Department of Population and Quantitative Health Sciences	Development and pilot testing of DM- BOOST(a Diabetes Mellitus program using Behavioral economics to Optimize Outreach and Self- management support with Technology)
Sarah Forrester, PhD Assistant Professor, Department of Population and Quantitative Health Sciences	Catarina Kiefe, PhD, MD Professor and Chair, Department of Population and Quantitative Health Sciences	Biological Age: a novel measure to guide health disparity interventions
2018		
Investigator	KL2 Mentor(s)	Project Title
Paul L. Greer, PhD Assistant Professor, Program in Molecular Medicine	Michael Czech, PhD Professor and Chair, Program in Molecular Medicine; Isadore and Fannie Foxman Chair of Medical Research	Characterization of the role of microglial MS4A chemoreceptors in Alzheimer's Disease
Michelle Trivedi, MD, MPH Assistant Professor, Department of Pediatrics, Division of Pediatric Pulmonary and Allergy	Lori Pbert, PhD Professor, Division of Preventive and Behavioral Medicine, School of Medicine	Developing and Testing Innovative Interventions to Improve Asthma Outcomes for Children with High-Risk Asthma in Real World Implementation
2017		
Investigator	KL2 Mentor(s)	Project Title
Ekaterina (Kate) Pivovarova, PhD Assistant Professor, Department of Psychiatry, Law and Psychiatry Program	Charles Lidz, PhD Professor Emeritus, Department of Psychiatry Gina Vincent, PhD Research Associate Professor, Department of Psychiatry	Examining Attrition in Substance Abuse Treatment Through the Health- related Quality of Life Lens

2016

Investigator	KL2 Mentor(s)	Project Title
Stephanie Carreiro, MD Division of Medical Toxicology, Department of Emergency Medicine	Edward W. Boyer, MD, PhD Professor of Emergency Medicine	iSense: Wearable Biosensors to Evaluate the Evolution of Opioid Tolerance
Mara Epstein, ScD Department of Medicine and the Meyers Primary Care Institute	Jerry H. Gurwitz, MD The Dr. John Meyers Professor of Primary Care Medicine; Executive Director, Meyers Primary Care Institute; Professor of Medicine, Family Medicine and Community Health, and Quantitative Health Sciences; Chief, Division of Geriatric Medicine Arlene Ash, PhD Professor and Division Chief, Biostatistics and Health Services Research	Population-based Research on Monoclonal Gammopathy of Undetermined Significance (MGUS)

2014

Investigator	K12 Mentor(s)	Project Title
Melissa L. Anderson, PhD Postdoctoral Fellow, Treatment and Addiction in the Deaf Community; Instructor, Department of Psychiatry	Douglas Ziedonis, MD, MPH Professor and Chair, Department of Psychiatry	Treatment of Trauma and Addiction in the Deaf Community

2013

Investigator	K12 Mentor(s)	Project Title
Nancy Byatt, DO, MBA Assistant Professor, Departments of Psychiatry and Obstetrics & Gynecology	Douglas Ziedonis, MD, MPH Professor and Chair, Department of Psychiatry	Rapid Access to Perinatal Psychiatric Care in Depression (RAPPID)
Molly E. Waring, PhD Assistant Professor, Department of Quantitative Health Sciences	Sherry L. Pagoto, PhD Associate Professor, Division of Preventive and Behavioral Medicine	Weight Management among Childbearing Women

2012

Investigator	K12 Mentor(s)	Project Title
David D. McManus, MD Assistant Professor, Department of Medicine; Co-Director, Atrial Fibrillation Treatment Program	John F. Keaney, Jr., MD Professor of Medicine; Chief, Division of Cardiovascular Medicine, UMMS	Atrial Remodeling and Fibrillation: Understanding Mechanisms Using MicroRNA

2010

Investigator	K12 Mentor(s)	Project Title
Sarah L. Cutrona, MD, MPH Assistant Professor, Department of Medicine	Jerry H. Gurwitz, MD The Dr. John Meyers Professor of Primary Care Medicine; Executive Director, Meyers Primary Care Institute; Professor of Medicine, Family Medicine and Community Health, and Quantitative Health Sciences; Chief, Division of Geriatric Medicine	Electronic Message Transmission between Members of a Social Network to Improve Screening for Cancer: Colorectal Cancer Screening as a Model

Heena Santry, MD, MS Assistant Professor, Surgery and Quantitative Health Sciences; Director, Trauma Outcomes, Research and Quality Assessment	Catarina Kiefe, PhD, MD Professor and Chair, Department of Quantitative Health Sciences	Acute Care Surgery Practice Patterns: Impact on Quality, Accessibility, and Costs of Care for Surgical Emergencies
2009		
Investigator	K12 Mentor(s)	Project Title
Jeffrey Bailey, MD, PhD Assistant Professor, Program in Bioinformatics and Integrative Biology	Zhiping Weng, PhD Professor and Director, Program in Bioinformatics and Integrative Biology	Copy Number Variation in Severe Malaria
2008		
Investigator	K12 Mentor(s)	Project Title
Wendy Marsh, MD, MS Assistant Professor, Department of Psychiatry	Anthony J. Rothschild, MD Department of Psychiatry	The Impact of the Menopausal Transition on the Clinical Course of Bipolar Disorder
2007		
Investigator	K12 Mentor(s)	Project Title
Olga T. Hardy, MD Assistant Professor, Department of Pediatrics	Michael P. Czech, PhD Professor and Chair, Program in Molecular Medicine	Molecular Mechanisms of Obesity-related Insulin Resistance