



UMCCTS Mentored Career Development (KL2) Awardees

2023		
Investigator	KL2 Mentor(s)	Project Title
<p>Raquel Binder, PhD Assistant Professor, Department of Infectious Disease, UMass Chan – Worcester</p>	<p>Ann Moormann, PhD, MPH Professor, Department of Medicine, Division of Infectious Diseases and Immunology, UMass Chan-Worcester</p>	<p>Unraveling Respiratory Virus Transmission Dynamics among Latinx and Black Communities in MA</p>
<p>Anna Whelan, MD Assistant Professor, Department of Obstetrics and Gynecology, UMass Chan-Worcester</p>	<p>Tiffany Moore Simas, MD, MPH Chair and Professor, Department of Obstetrics and Gynecology, UMass Chan-Worcester</p>	<p>Adapting a Health at Every Size Intervention to Obstetric Care</p>
<p>Evan Bradley, MD, PhD Assistant Professor, Department of Emergency Medicine, UMass Chan-Worcester</p>	<p>John Haran, MD, PhD Professor, Department of Emergency Medicine, Division of Research, UMass Chan-Worcester</p>	<p>Oral Microbiome in Respiratory Viruses</p>
2022		
Investigator	KL2 Mentor(s)	Project Title
<p>Nisha Fahey, DO Assistant Professor, Department of Pediatrics, UMass Chan-Worcester</p>	<p>Jeroan Allison, MD, MS Chair and Professor, Department of Population and Quantitative Science, UMass Chan-Worcester</p>	<p>Enabling Community-Based Kangaroo Care to Mitigate Health Inequities Among Preterm Infants</p>
<p>Lara Kovell, MD Assistant Professor, Department of Medicine, Division of Cardiology, UMass Chan-Worcester</p>	<p>David McManus, MD Chair and Professor, Department of Medicine, Division of Cardiovascular Medicine, UMass Chan-Worcester</p>	<p>Development of a Mobile Health Intervention for Blood Pressure Management in Pregnancy</p>
<p>Laurel O'Connor, MD Assistant Professor, Department of Emergency Medicine, UMass Chan-Worcester</p>	<p>Edwin Boudreaux, MD Professor of Emergency Medicine, Psychiatry and Quantitative Health Sciences; Vice Chair of Research, Department of Emergency Medicine, UMass Chan-Worcester</p>	<p>A mobile Integrated Health Intervention for the Management of Acute-Phase Exacerbation of Congestive Heart Failure and Chronic Obstructive Pulmonary Disease</p>
<p>Martha Zimmermann, PhD Assistant Professor, Department of Psychiatry, UMass Chan-Worcester</p>	<p>Nancy Byatt, DO, MBA, MS Professor with Tenure, Departments of Psychiatry, Ob/Gyn, and Population and Quantitative Health Sciences, UMass Chan-Worcester</p>	<p>Developing a Scalable Intervention to Prevent Perinatal Anxiety in Obstetric Settings</p>

2020

Investigator	KL2 Mentor(s)	Project Title
<p>Patricia Cho, MD Assistant Professor, Department of Urology, UMass Chan-Worcester</p>	<p>Beth McCormick, PhD Professor and Vice Chair, Department of Microbiology and Physiological Systems, UMass Chan-Worcester</p> <p>Jane Freedman, MD Professor, Department of Medicine, Division of Cardiology, UMass Chan-Worcester</p>	<p>Gut Microbiome and Apolipoproteins in Recurrent UTI and Renal Damage</p>
<p>Ayorkor Gaba, PsyD, Assistant Professor, Department of Psychiatry, UMass Chan-Worcester</p>	<p>David Smelson, PsyD Professor, Department of Psychiatry, UMass Chan-Worcester</p>	<p>Advancing Behavioral Health Equity for Justice-Involved Adults</p>
<p>Chris Hemond, MD Assistant Professor, Department of Neurology, UMass Chan-Worcester</p>	<p>Robert Brown, MD, DPhil LaChance Family Chair, Department of Neurology, UMass Chan-Worcester</p>	<p>Translational MRI and immunological predictors of neurodegeneration in multiple sclerosis: exploring memory B-cell and monocyte populations</p>
<p>Sohye Kim, PhD Assistant Professor, Department of Psychiatry, UMass Chan-Worcester</p>	<p>Jean Frazier, MD Executive Director of the Eunice Kennedy Shriver Center, Director of Child and Adolescent Neurodevelopment Initiative, and Professor of Psychiatry and Pediatrics, UMass Chan-Worcester</p>	<p>Establishing Novel Neural Markers that can Detect Individual Differences in the Developing Brain's Capacity to Respond to Social Cues</p>

2019

Investigator	KL2 Mentor(s)	Project Title
<p>Daniel Amante, PhD Assistant Professor, Department of Population and Quantitative Health Sciences, UMass Chan-Worcester</p>	<p>Thomas Houston, MD Professor and Division Chief, Department of Population and Quantitative Health Sciences, UMass Chan-Worcester</p>	<p>Development and pilot testing of DM-BOOST(a Diabetes Mellitus program using Behavioral economics to Optimize Outreach and Self-management support with Technology)</p>
<p>Sarah Forrester, PhD Assistant Professor, Department of Population and Quantitative Health Sciences, UMass Chan-Worcester</p>	<p>Catarina Kiefe, PhD, MD Professor and Chair, Department of Population and Quantitative Health Sciences, UMass Chan-Worcester</p>	<p>Biological Age: a novel measure to guide health disparity interventions</p>

2018

Investigator	KL2 Mentor(s)	Project Title
<p>Paul L. Greer, PhD Assistant Professor, Program in Molecular Medicine, UMass Chan-Worcester</p>	<p>Michael Czech, PhD Professor and Chair, Program in Molecular Medicine; Isadore and Fannie Foxman Chair of Medical Research, UMass Chan-Worcester</p>	<p>Characterization of the role of microglial MS4A chemoreceptors in Alzheimer's Disease</p>

Michelle Trivedi, MD, MPH Assistant Professor, Department of Pediatrics, Division of Pediatric Pulmonary and Allergy, UMass Chan-Worcester	Lori Pbert, PhD Professor, Division of Preventive and Behavioral Medicine, School of Medicine, UMass Chan-Worcester	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, UMass Chan-Worcester	Charles Lidz, PhD Professor Emeritus, Department of Psychiatry, UMass Chan-Worcester Gina Vincent, PhD Research Associate Professor, Department of Psychiatry, UMass Chan-Worcester	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, UMass Chan-Worcester	Edward W. Boyer, MD, PhD Professor of Emergency Medicine, UMass Chan-Worcester	iSense: Wearable Biosensors to Evaluate the Evolution of Opioid Tolerance
Mara Epstein, ScD Department of Medicine and the Meyers Primary Care Institute, UMass Chan-Worcester	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, UMass Chan-Worcester Arlene Ash, PhD Professor and Division Chief, Biostatistics and Health Services Research, UMass Chan-Worcester	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, UMass Chan-Worcester	Douglas Ziedonis, MD, MPH Professor and Chair, Department of Psychiatry, UMass Chan-Worcester	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, UMass Chan-Worcester	Douglas Ziedonis, MD, MPH Professor and Chair, Department of Psychiatry, UMass Chan-Worcester	Rapid Access to Perinatal Psychiatric Care in Depression (RAPPID)

Molly E. Waring, PhD Assistant Professor, Department of Quantitative Health Sciences, UMass Chan-Worcester	Sherry L. Pagoto, PhD Associate Professor, Division of Preventive and Behavioral Medicine, UMass Chan-Worcester	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, UMass Chan-Worcester	John F. Keaney, Jr., MD Professor of Medicine; Chief, Division of Cardiovascular Medicine, UMass Chan-Worcester	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, UMass Chan-Worcester	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, UMass Chan-Worcester	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, UMass Chan-Worcester	Catarina Kiefe, PhD, MD Professor and Chair, Department of Quantitative Health Sciences, UMass Chan-Worcester	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, UMass Chan-Worcester	Zhiping Weng, PhD Professor and Director, Program in Bioinformatics and Integrative Biology, UMass Chan-Worcester	Copy Number Variation in Severe Malaria
2008		
Investigator	K12 Mentor(s)	Project Title
Wendy Marsh, MD, MS Assistant Professor, Department of Psychiatry, UMass Chan-Worcester	Anthony J. Rothschild, MD Department of Psychiatry, UMass Chan-Worcester	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, UMass Chan-Worcester	Michael P. Czech, PhD Professor and Chair, Program in Molecular Medicine, UMass Chan-Worcester	Molecular Mechanisms of Obesity-related Insulin Resistance