



**CENTER FOR CLINICAL AND  
TRANSLATIONAL SCIENCE**

**UMCCTS Mentored Career Development (KL2) Awardees**

2022		
UMMS Investigator	KL2 Mentor(s)	Project Title
<b>Nisha Fahey, DO</b> Department of Pediatrics; Population and Quantitative Health Sciences	<b>Jeroan Allison, MD, MS</b> Chairman, Department of Population and Quantitative Science  <b>Arvin Garg, MD, MPH</b> Department of Medicine Division of Pediatrics	Enabling Community-Based Kangaroo Care to Mitigate Health Inequities Among Preterm Infants
<b>Lara Kovell, MD</b> Department of Medicine, Division of Cardiology	<b>David McManus, MD</b> Richard M. Haidack Professor and Chairman, Department of Medicine Division of Cardiovascular Medicine	Development of a Mobile Health Intervention for Blood Pressure Management in Pregnancy
<b>Laurel O'Connor, MD</b> Department of Emergency Medicine	<b>Edwin Boudreaux, MD</b> Professor of Emergency Medicine Division of Research	A mobile Integrated Health Intervention for the Management of Acute-Phase Exacerbation of Congestive Health Failure and Chronic Obstructive Pulmonary Disease
<b>Martha Zimmermann, PhD</b> Department of Psychiatry	<b>Nancy Byatt, DO, MBA, MS, DFAPA,            FACLP</b> Professor of Psychiatry, Department of Psychiatry	Developing a Scalable Intervention to Prevent Perinatal Anxiety in Obstetric Settings
2020		
UMMS Investigator	KL2 Mentor(s)	Project Title
<b>Patricia Cho, MD</b> Department of Urology	<b>Beth McCormick, PhD</b> Department of Microbiology and Physiological Systems  <b>Jane Freedman, MD</b> Department of Medicine, Division of Cardiology	Gut Microbiome and Apolipoproteins in Recurrent UTI and Renal Damage
<b>Ayorkor Gaba, Psy.D.,</b> Department of Psychiatry	<b>David Smelson, Psy.D.</b> Professor of Psychiatry, Department of Psychiatry Director, Center of Excellence in Addiction	Advancing Behavioral Health Equity for Justice-Involved Adults
<b>Chris Hemond, MD</b> Department of Neurology	<b>Robert Brown, MD, DPhil</b> Professor of Neurology	Translational MRI and immunological predictors of neurodegeneration in multiple sclerosis: exploring memory B-cell and monocyte populations

<b>Sohye Kim, PhD</b> Department of Psychiatry	<b>Jean Frazier, MD</b> 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
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**2019**

<b>UMMS Investigator</b>	<b>KL2 Mentor(s)</b>	<b>Project Title</b>
<b>Daniel Amante, PhD</b> Department of Population and Quantitative Health Sciences	<b>Thomas Houston, MD</b> 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)
<b>Sarah Forrester, PhD</b> Department of Population and Quantitative Health Sciences	<b>Catarina Kiefe, PhD, MD</b> Professor and Chair, Department of Population and Quantitative Health Sciences	Biological Age: a novel measure to guidehealth disparity interventions

**2018**

<b>UMMS Investigator</b>	<b>KL2 Mentor(s)</b>	<b>Project Title</b>
<b>Paul L. Greer, PhD</b> Assistant Professor, Program in Molecular Medicine	<b>Dr. Michael Czech</b> Professor, Isadore and Fannie Foxman Chair of Medical Research Chair, Program in Molecular Medicine	Characterization of the role of microglial MS4A chemoreceptors in Alzheimer's Disease
<b>Michelle Trivedi, MD, MPH</b> Assistant Professor, Department of Pediatrics, Division of Pediatric Pulmonaryand Allergy	<b>Lori Pbert, PhD</b> Division of Preventive and Behavioral Medicine, School of Medicine	Developing and Testing Innovative Interventions to Improve Asthma Outcomesfor Children with High-Risk Asthma in Real WorldImplementation

**2017**

<b>UMMS Investigator</b>	<b>KL2 Mentor(s)</b>	<b>Project Title</b>
<b>Ekaterina (Kate) Pivovarova, PhD</b> Assistant Professor Department of Psychiatry Law and Psychiatry Program	<b>Charles Lidz, PhD</b> Professor Emeritus Department of Psychiatry  <b>Gina Vincent, PhD</b> Research Associate Professor Department of Psychiatry	Examining Attrition in Substance AbuseTreatment Through the Health-related Quality of Life Lens

**2016**

<b>UMMS Investigator</b>	<b>KL2 Mentor(s)</b>	<b>Project Title</b>
<b>Stephanie Carreiro, MD</b> Division of Medical Toxicology, Department of Emergency Medicine	<b>Edward W. Boyer, MD, PhD</b> Professor of Emergency Medicine	iSense: Wearable Biosensors to Evaluate the Evolution of Opioid Tolerance
<b>Mara Epstein, ScD</b> Department of Medicine and the Meyers Primary Care Institute	<b>Jerry H. Gurwitz, MD</b> 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  <b>Arlene Ash, PhD</b> Professor and Division Chief Biostatistics and Health Services Research	Population-based Research on Monoclonal Gammopathy of Undetermined Significance (MGUS)

<b>2014</b>		
<b>UMMS Investigator</b>	<b>K12 Mentor(s)</b>	<b>Project Title</b>
<b>Melissa L. Anderson, PhD</b> Postdoctoral Fellow, Treatment and Addiction in the Deaf Community; Instructor, Department of Psychiatry	<b>Douglas Ziedonis, MD, MPH</b> Professor and Chair, Department of Psychiatry	Treatment of Trauma and Addiction in the Deaf Community
<b>2013</b>		
<b>UMMS Investigator</b>	<b>K12 Mentor(s)</b>	<b>Project Title</b>
<b>Nancy Byatt, DO, MBA</b> Assistant Professor, Departments of Psychiatry and Obstetrics & Gynecology	<b>Douglas Ziedonis, MD, MPH</b> Professor and Chair, Department of Psychiatry	Rapid Access to Perinatal Psychiatric Care in Depression (RAPPID)
<b>Molly E. Waring, PhD</b> Assistant Professor, Department of Quantitative Health Sciences	<b>Sherry L. Pagoto, PhD</b> Associate Professor, Division of Preventive and Behavioral Medicine	Weight Management among Childbearing Women
<b>2012</b>		
<b>UMMS Investigator</b>	<b>K12 Mentor(s)</b>	<b>Project Title</b>

<b>David D. McManus, MD</b> Assistant Professor, Department of Medicine; Co-Director, Atrial Fibrillation Treatment Program	<b>John F. Keaney, Jr., MD, FACC, FAHA</b> Professor of Medicine; Chief, Division of Cardiovascular Medicine, UMMS	Atrial Remodeling and Fibrillation: Understanding Mechanisms Using MicroRNA
<b>2010</b>		
<b>UMMS Investigator</b>	<b>K12 Mentor(s)</b>	<b>Project Title</b>
<b>Sarah L. Cutrona, MD, MPH</b> Assistant Professor, Department of Medicine	<b>Jerry H. Gurwitz, MD</b> 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
<b>Heena Santry, MD, MS</b> Assistant Professor, Surgery and Quantitative Health Sciences; Director, Trauma Outcomes Research and Quality Assessment	<b>Catarina Kiefe, PhD, MD</b> Professor and Chair, Department of Quantitative Health Sciences	Acute Care Surgery Practice Patterns: Impact on Quality, Accessibility, and Costs of Care for Surgical Emergencies

<b>2009</b>		
<b>UMMS Investigator</b>	<b>K12 Mentor(s)</b>	<b>Project Title</b>
<b>Jeffrey Bailey, MD, PhD</b> Assistant Professor, Program in Bioinformatics and Integrative Biology	<b>Zhiping Weng, PhD</b> Professor and Director, Program in Bioinformatics and Integrative Biology	Copy Number Variation in Severe Malaria
<b>2008</b>		
<b>UMMS Investigator</b>	<b>K12 Mentor(s)</b>	<b>Project Title</b>
<b>Wendy Marsh, MD, MS</b> Assistant Professor, Department of Psychiatry	<b>Anthony J. Rothschild, MD</b> Department of Psychiatry	The Impact of the Menopausal Transition on the Clinical Course of Bipolar Disorder
<b>2007</b>		
<b>UMMS Investigator</b>	<b>K12 Mentor(s)</b>	<b>Project Title</b>
<b>Olga T. Hardy, MD</b> Assistant Professor, Department of Pediatrics	<b>Michael P. Czech, PhD</b> Professor and Chair, Program in Molecular Medicine	Molecular Mechanisms of Obesity-related Insulin Resistance

