



**CENTER FOR CLINICAL AND
TRANSLATIONAL SCIENCE**

UMCCTS Mentored Career Development (KL2) Awardees

2020		
UMMS Investigator	KL2 Mentor(s)	Project Title
Patricia Cho, MD Department of Urology	Beth McCormick, PhD Department of Microbiology and Physiological Systems Jane Freedman, MD Department of Medicine, Division of Cardiology	Gut Microbiome and Apolipoproteins in Recurrent UTI and Renal Damage
Ayorkor Gaba, Psy.D., Department of Psychiatry	David Smelson, Psy.D. Professor of Psychiatry, Department of Psychiatry Director, Center of Excellence in Addiction	Advancing Behavioral Health Equity for Justice-Involved Adults
Chris Hemond, MD Department of Neurology	Robert Brown, MD, DPhil Professor of Neurology	Translational MRI and immunological predictors of neurodegeneration in multiple sclerosis: exploring memory B-cell and monocyte populations
Sohye Kim, PhD 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		
UMMS Investigator	KL2 Mentor(s)	Project Title
Daniel Amante, PhD 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 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 guidehealth disparity interventions

2018

UMMS Investigator	KL2 Mentor(s)	Project Title
Paul L. Greer, PhD Assistant Professor, Program in Molecular Medicine	Dr. Michael Czech 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
Michelle Trivedi, MD, MPH Assistant Professor, Department of Pediatrics, Division of Pediatric Pulmonary and Allergy	Lori Pbert, PhD 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

UMMS 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

UMMS 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		
UMMS 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		
UMMS 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		
UMMS Investigator	K12 Mentor(s)	Project Title
David D. McManus, MD Assistant Professor, Department of Medicine; Co-Director, Atrial Fibrillation Treatment Program	John F. Keane, Jr., MD, FACC, FAHA Professor of Medicine; Chief, Division of Cardiovascular Medicine, UMMS	Atrial Remodeling and Fibrillation: Understanding Mechanisms Using MicroRNA
2010		
UMMS 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		
UMMS 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		
UMMS 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		
UMMS 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