## UMCCTS Mentored Career Development (KL2) Awardees

<table>
<thead>
<tr>
<th>Year</th>
<th>UMMS Investigator</th>
<th>KL2 Mentor(s)</th>
<th>Project Title</th>
</tr>
</thead>
</table>
| 2022 | **Nisha Fahey, DO**  
Department of Pediatrics;  
Population and Quantitative Health Sciences | **Jeroan Allison, MD, MS**  
Chairman, Department of Population and Quantitative Science  
**Arvin Garg, MD, MPH**  
Department of Medicine  
Division of Pediatrics | Enabling Community-Based Kangaroo Care to Mitigate Health Inequities Among Preterm Infants |
|      | **Lara Kovell, MD**  
Department of Medicine,  
Division of Cardiology | **David McManus, MD**  
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 |
|      | **Laurel O’Connor, MD**  
Department of Emergency Medicine | **Edwin Boudreaux, MD**  
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 |
|      | **Martha Zimmermann, PhD**  
Department of Psychiatry | **Nancy Byatt, DO, MBA, MS, DFAPA, FACLP**  
Professor of Psychiatry,  
Department of Psychiatry | Developing a Scalable Intervention to Prevent Perinatal Anxiety in Obstetric Settings |
| 2020 | **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  
Daniel Amante, PhD  
Department of Population and  
Quantitative Health Sciences | KL2 Mentor(s)  
Thomas Houston, MD  
Professor and Division Chief,  
Department of Population and  
Quantitative Health Sciences | Project Title  
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 | KL2 Mentor(s)  
Catarina Kiefe, PhD, MD  
Professor and Chair,  
Department of Population and  
Quantitative Health Sciences | Project Title  
Biological Age: a novel measure to  
guide health disparity interventions |
|------------------------|------------------------------------------------|------------------------------------------------|

### 2018

| UMMS Investigator  
Paul L. Greer, PhD  
Assistant Professor,  
Program in Molecular Medicine | KL2 Mentor(s)  
Dr. Michael Czech  
Professor,  
Isadore and Fannie Foxman Chair of  
Medical Research  
Chair, Program in Molecular  
Medicine | Project Title  
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 | KL2 Mentor(s)  
Lori Pbert, PhD  
Division of Preventive and Behavioral  
Medicine, School of Medicine | Project Title  
Developing and Testing Innovative  
Interventions to Improve Asthma  
Outcomes for Children with  
High-Risk Asthma in Real  
World Implementation |
|------------------------|------------------------------------------------|------------------------------------------------|

### 2017

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

### 2016
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<tr>
<th>UMMS Investigator</th>
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</table>
| **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

<table>
<thead>
<tr>
<th>UMMS Investigator</th>
<th>K12 Mentor(s)</th>
<th>Project Title</th>
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</thead>
</table>
| **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

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<th>Project Title</th>
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</table>
| **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

<table>
<thead>
<tr>
<th>UMMS Investigator</th>
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<tbody>
<tr>
<td>2010</td>
<td>UMMS Investigator</td>
<td>K12 Mentor(s)</td>
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</tr>
<tr>
<td>Sarah L. Cutrona, MD, MPH</td>
<td>Jerry H. Gurwitz, MD</td>
<td>Electronic Message Transmission between Members of a Social Network to Improve Screening for Cancer: Colorectal Cancer Screening as a Model</td>
</tr>
<tr>
<td>Heena Santry, MD, MS</td>
<td>Catarina Kiefe, PhD, MD</td>
<td>Acute Care Surgery Practice Patterns: Impact on Quality, Accessibility, and Costs of Care for Surgical Emergencies</td>
</tr>
</tbody>
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<th>UMMS Investigator</th>
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</thead>
<tbody>
<tr>
<td>Jeffrey Bailey, MD, PhD</td>
<td>Zhiping Weng, PhD</td>
<td>Copy Number Variation in Severe Malaria</td>
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<tbody>
<tr>
<td>Wendy Marsh, MD, MS</td>
<td>Anthony J. Rothschild, MD</td>
<td>The Impact of the Menopausal Transition on the Clinical Course of Bipolar Disorder</td>
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</tbody>
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<th>UMMS Investigator</th>
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<tbody>
<tr>
<td>Olga T. Hardy, MD</td>
<td>Michael P. Czech, PhD</td>
<td>Molecular Mechanisms of Obesity-related Insulin Resistance</td>
<td></td>
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</tbody>
</table>