### Accelerating Synergy Awards

<table>
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<tr>
<th>Multi scale investigation of influenza transmission and vaccine failure</th>
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</thead>
</table>
| Adam Lauring, MD, PhD  
Assistant Professor  
Infectious Diseases/Microbiology and Immunology |
| Emily Martin, MPH, PhD  
Assistant Professor  
Epidemiology |

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<tr>
<th>Bridging the Translational Gap in the Acute Respiratory Distress Syndrome with an Innovative Porcine Model</th>
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</table>
| Kathleen Stringer, PharmD  
Professor  
Clinical Pharmacy |
| Robert Dickson, MD  
Assistant Professor  
Internal Medicine |
| Kevin Ward, MD  
Professor  
Emergency Medicine |
| Sherman Fan, PhD  
Professor  
Biomedical Engineering |

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<tr>
<th>Center for Adaptive Interventions for Prevention/Intervention for Youth Substance Abuse</th>
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</table>
| Maureen Walton, PhD, MPH  
Professor  
Psychiatry |
| Inbal Nahum-Shani, PhD  
Research Assistant Professor  
Survey Research Center |

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<th>Real world losses of balance and recovery in at risk older adults: predictors and mechanisms</th>
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</thead>
</table>
| Neil Alexander, MD  
Professor  
Medicine - Internal Medicine |
| Lauro Ojeda, MS  
Associate Research Scientist  
Mechanical Engineering |
| Kathleen Sienko, PhD  
Associate Professor  
Mechanical Engineering |
Quantitative morphometric parameters of kidney tissue structure improve prediction of postoperative acute and chronic kidney injury.

Markus Bitzer, MD
Associate Professor
Medicine - Internal Medicine

Kerby Shedden, PhD
Associate Professor
School of Public Health - Statistics

Ganesh Palapattu, MD
Professor
Medicine - Urology

The Impact of Hidden Genetic Variation in Somatic Cells on Human Health and Disease

Thomas Glover, PhD
Professor
Human Genetics

Jeffrey Kidd, PhD
Associate Professor
Human Genetics

Deborah Gumucio, PhD
Professor
Cell & Developmental Biology

Mara Duncan, PhD
Assistant Professor
Cell & Developmental Biology

Building a holistic model of membrane traffic in epithelia formed in human embryonic stem cells.

Kristen Verhey, PhD
Professor
Cell & Developmental Biology

Ryoma Ohi, PhD
Associate Professor
Cell & Developmental Biology

David Sept, PhD
Professor
Biomedical Engineering

A Rosetta Stone for the Tubulin Code
<table>
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<tr>
<th>Topic</th>
<th>Researchers</th>
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</table>
| **TNRSF13B polymorphisms and the control of immunity**               | Marilia Cascalho, MD, PhD
Associate Professor
Medicine - Surgery  
Jeffrey Platt, MD
Professor
Medicine - Surgery |
| **Experienced Racial Discrimination & Health: Identifying Neural Mechanisms of Health Disparities to Guide Intervention Development** | Evan Farkash, MD, PhD
Assistant Professor
Medicine - Pathology  
Ariella Shikanov, PhD
Associate Professor
Biomedical Engineering |
| **Diabetic peripheral neuropathy: a single-cell genomic approach to define the nerve injury, repair and regeneration niche** | David Fresco, PhD
Professor
Medicine - Psychiatry  
Kenneth Jamerson, BS, MD
Professor
Medicine - Cardiology |
|                                                                      | Gabriel Corfas, PhD
Professor
Medicine - Head & Neck Oncology  
Roman Giger, PhD
Professor
Medicine - Cell & Developmental Biology  
Rodica Busui, MD, PhD
Professor
Medicine - MEND |
|                                                                      | Jiandie Lin, PhD
Professor
Life Sciences Institute  
Xiang Zhou, PhD
Associate Professor
SPH - Biostatistics |
| Mobile Technology and Data Analytics to Identify Real-Time Predictors of Caregiver Well-Being |
| Noelle Carlozzi, PhD  
Associate Professor  
Medicine - Physical Medical & Rehabilitation | Sung Won Choi, MD  
Associate Professor  
Medicine - Pediatrics |
| Srijan Sen, MD, PhD  
Associate Professor  
Medicine - Psychiatry | Zhenke Wu, PhD  
Assistant Professor  
SPH - Biostatistics |

| Multi-level Approaches to Screening for Colorectal and Cervical Cancers in Rural Primary Care Settings |
| Sherri Sheinfeld Gorin, PhD, FSBM  
Professor  
Medicine - Family Medicine | Masahito Jimbo, MD, PhD, MPH  
Professor  
Medicine - Family Medicine |

| Health and Healthcare Disparities Among Individuals Aging with Disabilities |
| Michelle Meade, PhD  
Professor  
Medicine - Physical Medical & Rehabilitation | Michael McKee, MD, MPH  
Associate Professor  
Medicine - Family Medicine |