Pathway Awards

CD4+ Tissue resident memory T-cells in Crohn's Disease

Shrinivas Bishu, MD
Assistant Professor
Internal Medicine - Gastroenterology, Medical School

Incentive-sensitization and human addiction risk: A behavioral and fMRI investigation

Lora Cope, PhD
Assistant Professor
Psychiatry, Medical School

Co-PI Jonathan Morrow, MD, PhD
Assistant Professor
Psychiatry, Medical School

Trans-diagnostic Investigation of Neuro-cognitive Mechanisms underlying Memory Deficits in PTSD and Fibromyalgia

Elizabeth Duval, PhD
Assistant Professor
Psychiatry, Medical School

Defining the cellular pathways impacted by bipolar disorder therapeutics in animal and mouse models of ANK3 dysfunction

Paul Jenkins, PhD
Assistant Professor
Pharmacology, Medical School

Glomerular disease progression in kidney transplant recipients and living kidney donors

Abhijit Naik, MBBS
Assistant Professor
Internal Medicine - Nephrology, Medical School
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<th>Title</th>
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| Determination of a personalized tacrolimus dosing strategy in pediatric renal and heart transplant recipients | Amy Pasternak, PharmD  
Assistant Professor  
Clinical Pharmacy, College of Pharmacy |                                                                              |
| Reversing brain iron overload by a natural small molecule            | Young Ah Seo, PhD  
Assistant Professor  
Nutritional Sciences, School of Public Health  |                                                                              |
| Virtual Interview Training for MDOC Vocational Villagers              | Matthew Smith, PhD, MSW, MPE, LCSW  
Associate Professor  
SSW, School of Social Work |                                                                              |
| Optimizing fluoride use for caries control in older adults with dry mouth | Livia Tenuta, DDS, MSc, PhD  
Associate Professor  
Cariology Restorative Sciences, School of Dentistry |                                                                              |
| Maternal opioid use disorder: placental pharmacogenetic predictors of neonatal abstinence syndrome and maternal risk of overdose | Courtney Townsel, MD, MSc  
Assistant Professor  
Obstetrics & Gynecology, Medical School |                                                                              |
Defining mechanism to improve treatment: mapping molecular heterogeneity between skin disease in juvenile dermatomyositis and lupus

Jessica Turnier, MD
Clinical Lecturer
Pediatric Rheumatology
Medical School

Co-PI Celine Berthier, PhD
Associate Research Scientist
Nephrology, Medical School

Glutamine metabolism in photoreceptor neuroprotection

Thomas Wubben, MD, PhD
Clinical Lecturer
Ophthalmology & Visual Sciences, Medical School

Prediction of Emergency Department Health Outcomes and Resource Utilization for Pediatric Patients

Xingyu Zhang, PhD
Assistant Professor
Systems Populations and Leadership, School of Nursing

MOMsonLINE2: A pilot study testing recruitment and retention of women of color to an online support group for bereaved mothers

Katherine Gold, MD, MSW, MS
Associate Professor
Family Medicine, Medical School

Characterizing a SuPAR Biomarker of Risk: Soluble Urokinase Plasminogen Activator Receptor and Subclinical Markers Of Atherosclerosis

Salim Hayek, MD
Assistant Professor
Internal Medicine - Cardiovascular, Medical School
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<td>Development of a Mobile App to Monitor Chemotherapy-Induced Neuropathy</td>
<td>Daniel Hertz, PharmD, PhD</td>
<td>Clinical Pharmacy, College of Pharmacy</td>
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<td>Neurally Targeted Cognitive Training to Augment CBT Outcomes in Pediatric Anxiety</td>
<td>Yanni Liu, PhD</td>
<td>Psychiatry, Medical School</td>
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<td>Profiling Human Biofluids for Spinocerebellar Ataxia Type 3 Biomarker Discovery</td>
<td>Hayley McLoughlin, PhD</td>
<td>Neurology, Medical School</td>
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<td>Sirtuin1 controls endothelial angiogenic functions in scleroderma</td>
<td>Eliza Pei-Seun Tsou, PhD</td>
<td>Internal Medicine - Rheumatology, Medical School</td>
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<td>Ictogenic zone identification and therapeutic development to treat focal cortical dysplasia</td>
<td>Yu Wang, PhD</td>
<td>Neurology, Medical School</td>
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Accelerating tuberculosis elimination in New York City: Spatial, demographic and genomic approaches to inform targeted tuberculosis screening and prevention efforts

Jonathan Zelner, PhD
Assistant Professor
Epidemiology, School of Public Health

Novel therapeutic approaches for the treatment of thrombotic thrombocytopenic purpura

Reheman Adili, MD
Assistant Professor
Pharmacology, Medical School

Exploring the Relationship between Adolescent Discrimination and Mental Health: Assessing the Role of Parental Racial Socialization Competency

Riana Anderson, PhD
Assistant Professor
Health Behavior & Health Education, School of Public Health

Deep phenotyping of patient specific cardiovascular state from clinical measures applied to heart failure and transplant

Brian Carlson, PhD
Assistant Professor
Molecular & Integrative Physiology, Medical School

Role of Tryptophan Catabolism in the Cardiovascular Risk in Chronic Kidney Disease

Anna Mathew, MBBS
Assistant Professor
Nephrology, Medical School
Evaluating Heart Rate Patterns During Exercise Following Sport-Related Concussion

Michael Popovich, MD, MPH
Assistant Professor
Neurology, Medical School

Ultrasound contrast agents used to non-invasively measure bladder pressure

Bryan Sack, MD
Assistant Professor
Urology, Medical School

Pathways of Mineralocorticoid Receptor Activation in Low Renin Hypertension

Adina Turcu, MD, MS
Assistant Professor
Internal Medicine, Medical School

A mobile contraceptive decision tool tailored for women with medical conditions: A mixed methods pilot study in community-based primary care settings

Justine Wu, MD, MPH
Assistant Professor
Family Medicine, Medical School

A Patient Reported Outcome Measure for Athletes with Concussion

James Eckner, MD, MS
Associate Professor
Physical Medical & Rehabilitation, Medical School

Co-PI Claire Kalpakjian
Associate Professor

Novel Treatment Development for Desmoplakin Cardiomyopathy Using a Bioengineered Patient Specific in Vitro Platform

Adam Helms, MD, MS
Assistant Professor
Internal Medicine, Medical School

Magnetic resonance fingerprinting for assessment of chronic liver disease and hepatocellular carcinoma

William Masch, MD
Assistant Professor
Radiology, Medical School

Optimal Defaults in Children's Digital Media Design

Jenny Radesky, MD
Assistant Professor
Pediatrics, Medical School

Novel Genetic Causes of Endocrine Hypertension

Juilee Rege, PhD
Research Investigator
Molecular & Integrative Physiology, Medical School

The role of HSP70 and a-synuclein AMPylation in Parkinson's disease

Matthias Truttmann, PhD
Assistant Professor
Nephrology, Medical School