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
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Position</th>
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<tbody>
<tr>
<td>Determination of a personalized tacrolimus dosing strategy in pediatric renal and heart transplant recipients</td>
<td>Amy Pasternak, PharmD</td>
<td>Assistant Professor</td>
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<td></td>
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<td>Clinical Pharmacy, College of Pharmacy</td>
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<td>Reversing brain iron overload by a natural small molecule</td>
<td>Young Ah Seo, PhD</td>
<td>Assistant Professor</td>
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<td>Nutritional Sciences, School of Public Health</td>
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<td>Virtual Interview Training for MDOC Vocational Villagers</td>
<td>Matthew Smith, PhD, MSW, MPE, LCSW</td>
<td>Associate Professor</td>
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<td></td>
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<td>SSW, School of Social Work</td>
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<td>Optimizing fluoride use for caries control in older adults with dry mouth</td>
<td>Livia Tenuta, DDS, MSc, PhD</td>
<td>Associate Professor</td>
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<td>Cariology Restorative Sciences, School of Dentistry</td>
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<td>Maternal opioid use disorder: placental pharmacogenetic predictors of neonatal abstinence syndrome and maternal risk of overdose</td>
<td>Courtney Townsel, MD, MSc</td>
<td>Assistant Professor</td>
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<td></td>
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<td>Obstetrics &amp; Gynecology, Medical School</td>
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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
<table>
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<tr>
<th>Project Title</th>
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<th>Department/Institution</th>
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<tr>
<td>Development of a Mobile App to Monitor Chemotherapy-Induced Neuropathy</td>
<td>Daniel Hertz, PharmD, PhD</td>
<td>Assistant Professor</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>Assistant Professor</td>
<td>Psychiatry, Medical School</td>
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<tr>
<td>Profiling Human Biofluids for Spinocerebellar Ataxia Type 3 Biomarker Discovery</td>
<td>Hayley McLoughlin, PhD</td>
<td>Research Investigator</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>Assistant Professor</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>Assistant Professor</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