Center for Human Phenomic Science

Junior Investigator Preliminary/Feasibility Grant Program Awardes

Junior Investigator Preliminary/Feasibility Grant Program (JIPGP) Awardees (Past 5 Years)

2023 JIPGP Awardees

1. Jessica Decker, PhD, RD
   Children’s Hospital of Philadelphia
   “Digital intervention to improve diet quality in adolescents with overweight or obesity”

2. Uche Nwaogazie, MBBS
   Children’s Hospital of Philadelphia
   “Serum calcification propensity and association with coronary artery calcification in children and young children on dialysis: a pilot study”

3. Eleonora Scorletti, MD PhD
   University of Pennsylvania
   “The role of lipid droplet protein PNPLA3 and its variant I148M in eicosanoid production and non-alcoholic fatty liver disease”

4. Lova Sun, MD, MSCE
   University of Pennsylvania
   “Pre-operative combination immunotherapy to assess T-cell immunity in head and neck squamous cell carcinoma”

2022 JIPGP Awardees

1. Rosara Bass, MD
   Children’s Hospital of Philadelphia
   “Weight trajectory with ETI”

2. Marita Cooper, PhD
   Children’s Hospital of Philadelphia
   “X chromosome inactivation in female adolescents with anorexia nervosa: A proof-of-concept study”

3. Monique-Anne Gardner, MD
   Children’s Hospital of Philadelphia
   “Assessment of myocardial dysfunction and inflammation after pediatric cardiac arrest”
Center for Human Phenomic Science
Junior Investigator Preliminary/Feasibility Grant Program Awardees

4. Cindy Li, PhD
   University of Pennsylvania
   “Effects of nutritional ketosis on alcohol metabolism”

2021 JIPGP Awardees

1. Alicia Alcamo, MD, MPH
   Children’s Hospital of Philadelphia
   “Outcomes Following Acute Brain Dysfunction in Pediatric Sepsis”

2. Heather Giannini, MD, MS, MSTR
   University of Pennsylvania
   “Effectively Avoiding Sepsis: Longitudinal Transcriptomic Profiling of the Regulated Immune Response to Infection”

3. Stephanie Jo, MD, PhD
   University of Pennsylvania
   “Imaging the response to platelet-rich-plasma in osteoarthritis with T1rho mapping”

4. Ganesh Moorthy, PhD
   Children’s Hospital of Philadelphia
   “Clinical Evaluation of Creatinine Microsampling Assay”

5. Inuk Zandvakili, MD, PhD
   University of Pennsylvania
   “Deep Phenotyping of Individuals with Protein Disrupting Genetic Variants in Gut Hormone Receptors Associated with Lower BMI”

2020 JIPGP Awardees

1. Karolina Lempert, PhD
   University of Pennsylvania
   “Effects of Serotonin and Dopamine on Persistence for Delayed Rewards”

2. Suzanne MacFarland, MD
   Children’s Hospital of Philadelphia
   “Childhood Neurodevelopmental and Immune Phenotype in PTEN Hamartoma Tumor Syndrome”
Center for Human Phenomic Science
Junior Investigator Preliminary/Feasibility Grant Program
Awardees

3. Elizabeth Rosenfeld, MD  
Children’s Hospital of Philadelphia  
“Improving Understanding of Neuropathophysiologic Mechanisms of Disease in Hyperinsulinemic Hypoglycemia Through Advanced Neuroimaging Techniques”

4. Senthil Selvaraj, MD  
University of Pennsylvania  
“Deep Phenotyping of the Acute Effects of Exogenous Ketone Therapy in Heart Failure With Preserved Ejection Fraction: An Active-controlled, Crossover Trial”

5. Joy Wan, MD  
University of Pennsylvania  
“Neurocognitive functioning in pediatric atopic dermatitis“

2019 JIPGP Awardees

1. Máire Conrad, MD  
Department of Pediatrics, Children’s Hospital of Philadelphia  
“Characterization of the Microbiome of the Diverted Colon in Pediatric Patients With Inflammatory Bowel Disease”

2. Diego Mazzotti, PhD  
Department of Medicine, University of Pennsylvania Perelman School of Medicine, Hospital of the University of Pennsylvania  
“Characterization of Inflammatory Biomarkers in Symptom Subtypes of Obstructive Sleep Apnea Identified Using a Simple Web-Tool”

3. Sarah Sheppard, MD, PhD  
Department of Pediatrics, Children’s Hospital of Philadelphia  
“Clinical and Molecular Characterization of Known and Novel Genodermatoses”

4. Eugenia South, MD  
Department of Emergency Medicine, Penn Perelman School of Medicine, HUP  
“The Social Gradient of Urban Noise Pollution and its Effect on Pediatric and Adult Health”

5. Jessica Wilson, MD  
Division of Endocrinology, Diabetes, and Metabolism, HUP “Phenotyping Adults With Dipeptidyl Peptidase-4 Loss of Function Variants”