

# Center for Human Phenomic Science

## Junior Investigator Preliminary/Feasibility Grant Program Awardees

### 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"



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### 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”



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**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”



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