

# Center for Human Phenomic Science

## Junior Investigator Preliminary/Feasibility Grant Program Awardees

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

#### 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"
- 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**  
CHOP  
"Clinical Evaluation of Creatinine Microsampling Assay"



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**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**

CHOP

“Childhood Neurodevelopmental and Immune Phenotype in PTEN Hamartoma Tumor Syndrome”

**3. Elizabeth Rosenfeld, MD**

CHOP

“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, CHOP

“Characterization of the Microbiome of the Diverted Colon in Pediatric Patients With Inflammatory Bowel Disease”



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**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, CHOP  
“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”

### 2018 JIPGP Awardees

**1. Diana Cousminer, PhD**

Division of Human Genetics, CHOP  
“Identifying Biomarkers of Adverse Health in Early and Late Puberty Using a Computational ‘Multiomics’ Approach”

**2. Adam Himebauch, MD**

Department of Anesthesiology, Critical Care Medicine, and Pediatrics (CHOP)  
“Right Ventricular Dysfunction and Pulmonary Hypertension in Pediatric Acute Respiratory Distress Syndrome”

**3. Jessica Meisner, MD, MS**

Division of Infectious Disease (HUP)  
“The Use of Oritavancin in Systemic S. aureus Infections in Patients With Opioid Use Disorder”



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