

Michigan Medicine
Department of Pediatrics
***PEDIATRICS INTRAMURAL RESEARCH FUNDING PROGRAM
AWARDS***

2020 Winter/Spring

Charles Woodson Accelerator Award

- Marc B. Hershenson, MD (Pulmonary Medicine)
Rhinovirus-C Respiratory Infections

Charles Woodson Collaborative Research Award

- Angela C. Weyand, MD (Peds Hematology/Oncology); Kate D. Fitzgerald, MD (Psychiatry); Elizabeth H. Quint, MD (Ob-Gyn)
Evaluating mental health in adolescents with heavy menstrual bleeding using patient reported outcomes and ecological momentary assessment
- Mark W. Russell, MD (Peds Cardiology); Lars Fritsche, PhD (Biostatistics, SPH)
Genetic determinants of hemodynamic instability and survival in infants undergoing surgical repair of critical congenital cardiac defects

Amendt-Heller Award for Newborn Research

- Rebecca Vartanian, MD (Peds Neonatal/Perinatal Med); Cargri Besirli, MD (Pediatric Ophthalmology)
Quantitative Analysis of VEGF in Infant Tears as a Biomarker for ROP

2019 Summer/Fall

Janette Ferrantino Young Investigator Award

- Louis T. Dang, MD, MD, PhD (Peds Neurology)
Targeting upstream open reading frames to amplify haploinsufficient SCN1A expression

Elizabeth Kennedy Children's Research Award

- Zubin J. Modi, MD (Peds Nephrology/CHEAR)
Identification of pediatric chronic kidney disease and health services use in a national cohort

Ravitz Advancement Award

- Suzanne Dawid, MD, PhD (Peds Infectious Diseases)
The role of competitive pneumococcal loci in invasion of the airway microbiome.

Charles Woodson Biostatistics Award

- Jenny Radesky, MD
Understanding Early Childhood Media Use Profiles

Gorman Scholar Award

- Kao-Ping Chua, MD, PhD (General Pediatrics/CHEAR)
Naloxone Prescribing and Dispensing Among Adolescents and Young Adults at High Risk of Opioid Overdose

2019 Winter/Spring

Charles Woodson Collaborative Award

- Catherine E. Keegan, MD, PhD (Peds Genetics); Stephen C.J. Parker, PhD (Computational Med & Bioinform)
Single-cell resolution developmental regulatory mapping of caudal structural birth defects

Benz Birth Defects Award

- Shane C. Quinonez, MD (Peds Critical Care Medicine)
Agricultural Pesticide Exposure and the Risk of Neural Tube Defects in Rural Ethiopia

Charles Woodson Pilot Research Award

Michigan Medicine
Department of Pediatrics
PEDIATRICS INTRAMURAL RESEARCH FUNDING PROGRAM
AWARDS

- Emily Foxen-Craft, PhD (Peds Psychology)
Longitudinal Examination of Daily PA During Intensive Outpatient Treatment for Pediatric Chronic Pain
- Prachi E. Shah, MD (Developmental-Behavioral Pediatrics)
Parent and Teacher Antecedents of Curiosity, Associations with Academic Achievement at Kindergarten

Gorman Scholar Award

- Gabriel Cara-Fuentes, MD (Peds Nephrology)
 β 1 Integrin activation and signaling in endothelium-initiated podocyte injury

Amendt-Heller Newborn Research Award

- John R. Charpie, MD, PhD
Nicorandil attenuates cardiomyocyte injury and ventricular dysfunction after cardiopulmonary bypass

2018 Summer/Fall

Charles Woodson Pilot Research Award

- Ryan Barbaro, MD, MSc (Critical Care Medicine)
Accelerating Innovative and Significant Research to understand if we should be Supporting PARDS with Restricted versus Unrestricted Candidacy for ECMO (SPRUCE).

Janette Ferrantino Young Investigator Award

- Erin Carlton, MD (Critical Care Medicine, PICU)
New Morbidity and Healthcare Utilization after Pediatric Severe Sepsis.

Amendt-Heller Newborn Research Award

- Kimberly Monroe, MD, MS (Pediatric Hospital Medicine)
Epidemiology and Risks of Alternative Perinatal Practices: Establishing a National Registry for Vitamin K Deficiency Bleeding and Lotus Birth (Umbilical Non-Severance) Cases.

2018 Winter/Spring

Charles Woodson Pilot Research Award

- Albert Rocchini, MD / Stephanie Goldstein, MD (Cardiology)
Colchicine in postoperative Fontan patients
- Sung W. Choi, MD (Hematology/Oncology)
Vorinostat for GVHD Prevention in Children and Adolescents Undergoing Allogeneic BMT
- Matthew G. Sampson, MD, MSCS (Nephrology)
Biobank to Illuminate the Genomic Basis of Rare Disease ("BIGBiRD")
- Gabriel Cara-Fuentes, MD (Nephrology)
Characterization of Podocyte ribosomal-mRNA signature in mouse models of proteinuric disease
- Jonathan P. Troost, PhD (Nephrology)
Recurrence of Focal Segmental Glomerulosclerosis after Kidney Transplant: Temporal Changes in Recurrence Rates and Practice Patterns in the United States
- Megan H. Pesch, MD (Developmental-Behavioral Pediatrics)
A qualitative and quantitative evaluation of primary care physicians' perceptions of and responses to faster patterns of growth in infancy.

Michigan Medicine
Department of Pediatrics
***PEDIATRICS INTRAMURAL RESEARCH FUNDING PROGRAM
AWARDS***

Janette Ferrantino Young Investigator Award

- Kao-Ping Chua, MD, PhD (Child Health Evaluation and Research Center (CHEAR))
A National Profile of Opioid Prescriptions to Children

Amendt-Heller Newborn Research Award

- Antonia Popova, MD (Pulmonary Medicine)
Elucidating the Role of Lung Exudative Macrophages in Chronic Neonatal LPS Exposure-Induced Pulmonary Inflammation and Hypoalveolarization

Children's Health Research Award

- Heang M. Lim, MD (Cardiology)
Quality of Life and PTSD in Pediatric Cancer Survivors With Chemotherapy-Related Cardiac Dysfunction

Gracie's Fund – Leukemia Research Award

- Kelly Walkovich, MD (Hematology/Oncology)
Impact of Duffy (Fy) Null Status on Chemotherapy Dosing and Outcomes in African American Patients with Pediatric Acute Lymphoblastic Leukemia

Benz Birth Defects Research Award

- Catherine Keegan, MD, PhD (Genetics, Metabolism & Genomic Medicine)
Identification of direct targets of ectopic Ptf1a expression in Danforth's short tail mice

2017 Summer/Fall

Charles Woodson Pilot Research Award

- Vasantha Padmanabhan, PhD (Endocrinology)
Maternal androgens; a biomarker for infant development?
- Jason Weinberg, MD (Infectious Diseases)
Antiviral and Proinflammatory Contributions of TNF- α to Adenovirus Pathogenesis

Ravitz Advancement Award

- Matthew Sampson, MD, MSCS (Nephrology)
Discovering genetic drivers of dysregulated intrarenal gene expression in nephrotic syndrome

Gorman Scholar Award

- Carl Koschmann, MD (Hematology/ Oncology)
Extracellular DNA and RNA from spinal fluid to inform and monitor targeted therapeutic response in pediatric brain tumors

Charles Woodson Collaborative Research Award

- Elizabeth Lawlor, MD, PhD (Hematology/Oncology)
Defining the role of the serine synthesis pathway in Ewing sarcoma pathogenesis
- Michael E. Watson, MD, PhD (Infectious Diseases)
DNA Methylation as a Modulator of Virulence in Group A Streptococcus

2017 Winter/Spring

Nancy Newton Loeb Pediatric Cancer Award

- Carl Koschmann, MD (Hematology/ Oncology)
Optimizing Precision Medicine for PDGFR/FGFR-Altered Pediatric High-Grade Glioma

Michigan Medicine
Department of Pediatrics
***PEDIATRICS INTRAMURAL RESEARCH FUNDING PROGRAM
AWARDS***

Children's Health Research Award

- Jonathan Troost, PhD (Nephrology)
Defining the Relationship Between Patient Reported and Clinical Outcomes in Patients with Focal Segmental Glomerulosclerosis
- Kristin Kullgren, PhD (Psychology)
Youth Admitted to CS Mott Children's Hospital with Suspected Somatic Symptom and Related Disorders (SSD): Evaluation of the Mott SSD Protocol Pilot

Janette Ferrantino Young Investigator Award

- Jenny Radesky, MD (Developmental-Behavioral Pediatrics)
Longitudinal associations between preschooler emotion regulation, executive function, and digital media use

Elizabeth Kennedy Children's Research Award

- Kanakadurga Singer, MD (Endocrinology)
Investigating Lipolysis as a Mechanism Driving Sex-Differences in Diet-Induced Inflammation

Gorman Scholar Award

- Carey Lumeng, MD, PhD (Pulmonary Medicine)
Novel Inflammatory Regulators of Obesity-Induced Adipose Tissue Dysfunction

2016 Winter/Spring & Summer/Fall

Pediatric Health Disparities Award

- Erin Fedak Romanowski, DO (Neurology)
Dietary therapy for refractory epilepsy in Ethiopia, a resource limited setting.
- Sarah Reeves, PhD, MPH (Child Health Evaluation and Research Unit (CHEAR))
Missed Opportunities for the Receipt of Preventive Care Among Children with Sickle Cell Disease Enrolled in Private Insurance.

Charles Woodson Collaborative Research Award

- John D. E. Barks, MD (Neonatal-Perinatal Med)
Sedative and Analgesic Drug Utilization in Critically Ill Neonates
- Kanakadurga Singer, MD (Endocrinology)
Sex Differences in Weight Loss induced Meta-Inflammation
- Joyce Lee, MD, MPH (Child Health Evaluation and Research Unit, Endocrinology)
A Patient-Centered Research Network in Type 1 Diabetes powered by Mobile Technology and Social Media.
- Matthew G. Sampson, MD, MSCE (Nephrology)
Towards a targeted therapy for APOL1-attributed proteinuric disease.
- Renee Shellhaas, MD, MS (Neurology)
Neonatal sleep as a novel biomarker of future neurodevelopment.

Children's Health Research Award

- Prachi Shah, PhD (Developmental Behavioral Pediatrics)
Curiosity in Early Childhood: Antecedents, Associated Factors, and Outcomes in Middle Childhood and Adolescence
- Ellen Selkie, MD, MPH (Child Health Evaluation & Research, Adolescent Medicine)
Exploring Transgender Adolescents' Information Seeking and Health-Related Content on Social Media.

Charles Woodson Accelerator Award

Michigan Medicine
Department of Pediatrics
PEDIATRICS INTRAMURAL RESEARCH FUNDING PROGRAM
AWARDS

- Matthew Sampson, MD, MSCE (Nephrology)
Discovering the genetic architecture of nephrotic syndrome
- Jason Weinberg, MD (Infectious Diseases)
Adenovirus Persistence and Bone Marrow Transplantation.

Gorman Scholar Award

- Challice Bonifant, MD, PhD (Hematology/Oncology)
Enhanced Efficacy and Safety with ENG-T Cell Combinatorial Therapy.

Janette Ferrantino Investigator Award

- Melissa Cousino Hood, PhD (Psychology) *Provider Practices: Difficult Healthcare Discussions in Pediatric End-Stage Organ Disease*
- Lindsay Caverly, MD (Pulmonary Medicine)
The role of the airway microbiome in nontuberculous mycobacterial pulmonary infection in individuals with cystic fibrosis.

Charles Woodson Biostatistics Award

- Frank DiPaola, MD (Gastroenterology)
Chemotherapy-induced liver injury in children
- Mark W. Russell, MD (Cardiology)
Validation of candidate disease genes for conotruncal cardiac defects

Amendt-Heller Newborn Research

- Jennifer Bermick, MD (Neonatal-Perinatal Medicine)
Dissecting the role of epigenetics in neonatal T-cell maturation

Nancy Newton Loeb Pediatric Cancer Research

- Raymond Hutchinson, MS, MD (Hematology/Oncology)
Exploring Parental Experiences, Knowledge and Perceptions of Pediatric Palliative Care after the Loss of a Child due to Malignancy

2015 Winter/Spring & 2015 Summer/Fall

Charles Woodson Accelerator Award

- Karl C. Desch, MD (Neonatal-Perinatal Medicine)
Identification of a Major Modifier of von Willebrand Factor levels in Humans
- David P. Olson, MD, PhD (Endocrinology)
Control of glucose metabolism by defined cells in the ventromedial hypothalamus

Charles Woodson Interdisciplinary Research Award

- Emily M. Fredericks, PhD (Pediatric Psychology)
iSTART: Using Technology to Improve Transition Readiness Among Adolescent Transplant Recipients
- Joyce Lee, MD, MPH (CHEAR / Endocrinology)
A Diary Study for Creating a "Smart" Computing Mobile Technology Platform for Adolescents with Type 1 Diabetes
- John LiPuma, MD (Infectious Diseases)
Advancing strategies to better understand the airway inflammatory phenotype around cystic fibrosis pulmonary exacerbations
- Kanakadurga Singer, MD (Endocrinology)
Investigating Mechanisms of Obesity Induced Immune System Activation and Myelopoiesis in Adolescents

Michigan Medicine
Department of Pediatrics
PEDIATRICS INTRAMURAL RESEARCH FUNDING PROGRAM
AWARDS

- Jeffrey Zampi, MD (Cardiology)
Neurocognitive function of adolescents and young adults with repaired complex congenital heart disease after recent cardiac re-interventions: a pilot study
- Blake Lancaster, PhD (Pediatric Psychology)
Integrating Behavioral Health Services into Pediatric Primary Care to Improve Outcomes for Children under the Age of Six Referred for ADHD Assessment and Treatment

Gracie's Fund – Leukemia Research Award

- Raymond Hutchinson, MS, MD (Hematology/ Oncology)
Evaluation of and Enhancement of the Informed Consent Process in Pediatric Acute Lymphoblastic Leukemia (ALL)

Children's Health Research Award

- Martin Bocks, MD (Cardiology)
Preclinical Feasibility Testing of a Completely Bioresorbable Atrial Septal Occluder
- Jeremy Adler, MD, MSc (CHEAR / Gastroenterology)
Pilot Test of MiChart Smart Forms to conduct prospective randomized studies of pediatric patients with inflammatory bowel disease
- Suzanne Dawid, MD, PhD (Infectious Diseases)
Visualization and Characterization of Competence-Pneumocin Crosstalk in Pneumococcal Biofilms

Pediatric Health Disparities Award

- Kathryn Moseley, MD, MPH (Child Health Evaluation and Research Center (CHEAR))
Understanding Disparities in Ethics Consultation

The Janette Ferrantino Investigator Award

- Carl Koschmann, MD Hematology/ Oncology
Development of Personalized Kinase Pathway Inhibitors for Pediatric Brain Tumors

Holden Newborn Research

- Subrata Sarkar, MD (Neonatal/ Perinatal Medicine)
Objective Assessment of Neonatal Opiate Abstinence Syndrome using Actigraphy and Amplitude-integrated Electroencephalogram

Amendt-Heller Newborn Research

- Jason Weinberg, MD (Infectious Diseases)
Immune Control of Persistent Adenovirus Infection in the Heart
- Jennifer Bermick, MD (Neonatal/Perinatal Medicine)
The neonatal mouse as a model for the preterm innate immune system and late onset sepsis

Benz Birth Defects Research

- David Sandberg, PhD (Pediatric Psychology)
Psychological Support for Patients and Families with Disorders of Sex Development
- Shane Quinonez, MD (Genetics)
MiGenE: Michigan Genetics in Ethiopia

Nancy Newton Loeb Pediatric Cancer Research

- Elizabeth Lawlor, MD, PhD (Hematology/ Oncology)
Investigating oncogenic cooperation between posterior Hox genes and EWS-FLI1 in Ewing sarcoma initiation

Michigan Medicine
Department of Pediatrics
PEDIATRICS INTRAMURAL RESEARCH FUNDING PROGRAM
AWARDS

Charles Woodson Biostatistics Award

- John LiPuma, MD (Infectious Diseases)
Development of statistical methods for analysis of high-dimension, multi-omic data sets to study pulmonary exacerbations in cystic fibrosis