

Our research network participation includes:

- PRIS — Pediatric Research in Inpatient Settings
- QulIN — Quality Improvement Innovation Networks
- SPS — Solutions for Patient Safety
- TEDDY — The Environmental Determinants of Diabetes in the Young
- TrialNet — Type 1 Diabetes
- COG — Children's Oncology Group
- Florida Neonatal Neurologic Network
- ImproveCareNow — Research and Quality Improvement Collaborative for Inflammatory Bowel Disease

American Academy of Pediatrics Community Access to Child Health, or CATCH Grants, awarded to pediatric residents:

- Virginia Kockler, MD (2010), Smoking Cessation Resources for Mothers of Newborns
- Olivia Potter, DO (2012), Gainesville LGBTQ Youth Group
- Nasim Moshtagh, DO (2012), Staying Ahead of Asthma
- Christian Kegg, DO (2012), Peer-to-Peer Breastfeeding Support Group
- Diana Montoya-Williams, MD (2013), Seventh Period: Cocooning in High School
- Michelle Spencer, MD (2014), Operation Superbugs! Combating Antibiotic Resistance
- Kourtney Guthrie, MD (2017), Mobile Pediatrics — Children of Migrant Workers
- Seon Lee, MD (2018), and Brittany Bruggeman, MD (2018), Healthy Smiles Day Initiative
- Evelyn Obregon, MD (2020), Barriers for Hispanic Uninsured Children

Sample resident research projects:

- **Tav Dibert, MD:** Evaluating effective imaging techniques to detect pulmonary emboli in pediatric patients with hypoplastic left heart syndrome who have undergone a Fontan procedure
- **Brittany Bruggeman, MD, and Chelsea Zimmerman, MD:** Prevalence and characterization of retinopathy in children with Type 1 diabetes using a nonmydriatic fundus camera
- **John-Anthony Coppola, MD:** Hypoplastic left heart and the effect of the interstage UF Home Monitoring Program
- **Ahsan Rizvi, MD; Brittany DiFabio, MD; Mike Derrick, MD; and Olivia Butters, MD:** Program self-evaluation and educational practice improvement of senior resident pediatric residents' perceptions of procedural competence
- **Montserrat Corbera-Hincapie, MD:** Food insecurity in the immigrant child — a social intervention using virtual reality
- **John Tadros, MD:** Several research projects including: family functioning in pediatric heart transplantation; post-operative vasoactive inotrope scores in pediatric heart transplantation; C-reactive protein and its correlation with coronary artery vasculopathy
- **Courtney Hibbs, MD:** Adverse childhood experiences and examining the relationship with asthma exacerbation severity
- **Marie Nader, MD:** Simulation training for pediatric advanced life support skills for global health trips
- **Evelyn Obregon, MD; Elyse Chaviano, MD; and Maddie Schneck, MD:** Barriers for Hispanic uninsured children
- **Holly Breeden, MD:** Prospective pilot study of metabolic syndrome and non-alcoholic fatty liver disease in transgender male youth
- **Asad Bashir, MD:** High-density lipoprotein and triglyceride ratio and C-reactive protein as predictors of coronary artery vasculopathy in pediatric heart transplantation
- **Zach Barbara, DO:** Creation of novel ultrasound curriculum for pediatric residents
- **Kate Portwood, MD:** Retrospective review of brachial plexus injuries to determine the prognostic abilities of Edx, MRI and Active Movement Scale to determine need for future surgical intervention
- **Allison Lure, MD:** Several research projects including: studying neonatal bowel injury, nSOFA scores, and creating a tool to differentiate NEC from SIP pre-operatively; the analysis of meconium of term neonates for transcriptomics; studying outcomes in children with maternal marijuana use.