



The Student Urinary Tract Program in Education and Research

**National Institutes of Health-Funded Fellowship in
Nephrology and Urology Research at The Ohio State University
and the Kidney and Urinary Tract Center
at Nationwide Children's Hospital**



**NATIONWIDE
CHILDREN'S®**

When your child needs a hospital, everything matters.

The National Institutes of Health (NIH) funded **Student Urinary Tract Program in Education and Research (SUPER) Summer Training Program** is for second-year undergraduate, graduate and medical students interested in research and clinical experiences. The **SUPER Summer Training Program** is designed to attract a talented and diverse pool of trainees to the fields of nephrology and urology. This competitive program can fill key training gaps, increase the pediatric nephrology and urology workforce, and ultimately improve patient care through new clinical experiences and research opportunities that accelerate scientific discoveries. Participants in this 10-week summer program will: (A) increase their understanding of urinary tract development, physiology and disease pathogenesis, (B) enhance their knowledge in the basic skills required to be a successful biomedical researcher, (C) be immersed in a translational research project where they develop a hypothesis and generate data that result in an abstract and poster presentation and (D) have exposure to multi-disciplinary careers focused on nephrology and urology.

Funding

Program participants receive a summer salary and the opportunity to attend a national annual meeting. Local housing assistance is available to those planning to attend from out of state.

This program encourages applications from:

- Students from groups historically excluded in medicine and biomedical sciences: African-American or Black, Hispanic or Latino, American Indian or Alaska Native, Native Hawaiian or other Pacific Islander
- Students from economically and/or educationally disadvantaged backgrounds
- First-generation college students
- LGBTQIA, Transgender/Gender Non-Conforming
- Others whose backgrounds and experiences would bring diversity to the field

Eligibility

- Applicants must be interested in pursuing a graduate or professional degree in medicine, nursing, dentistry, pharmacy, health and rehabilitation services, public health, or veterinary medicine
- Undergraduate students should be in their sophomore or in their junior year (rising sophomores are encouraged to apply)
- Students must have passing grades in all courses



**Application period with rolling admissions is from
November 1, 2024, to January 1, 2025.**

For more information, email

SuperSupport@NationwideChildrens.org

NationwideChildrens.org/Super-Summer-Apply



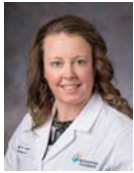
Program Leadership



Brian Becknell, MD, PhD

Pediatric Nephrologist

Research Interests: Kidney Obstruction, Pyelonephritis



Ashley R. Jackson, PhD

Basic Scientist

Research Interests: Urinary Tract Obstruction



Kirk McHugh, PhD

Developmental Biologist

Research Interests: Bladder Development and Disease



John David Spencer, MD

Pediatric Nephrologist

Research Interests: Urinary Tract Infections

Labs

Baker Lab

Becknell Lab

Ching Lab

Jackson Lab

Ruiz-Rosado Lab

Spencer Lab

Zepeda-Orozco Lab



Scan the QR code to learn more about our labs or visit [NationwideChildrens.org/kidney-and-urinary-tract-center](https://www.nationwidechildrens.org/kidney-and-urinary-tract-center)

Program Mentors



Linda Baker, MD

Pediatric Urologist

Research Interests: Prune Belly Syndrome



Christina Ching, MD

Pediatric Urologist

Research Interests: Urinary Tract Infections



Gabriel Cara Fuentes, MD, PhD

Pediatric Nephrologist

Research Interests: Nephrotic Syndrome



Vanessa Hale, DVM, MAT, PhD

Principal Investigator (OSU College of Veterinary Medicine)

Research Interests: Gut microbiome and disease



Sheryl Justice, PhD

Associate Professor (OSU College of Nursing)

Research Interests: Bacterial-host interactions enhancing bacterial persistence during UTI



Bryce A. Kerlin, MD

Pediatric Hematologist

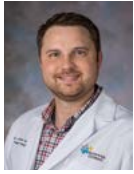
Research Interests: Nephrotic Syndrome



Kirsten Kusumi, MD

Pediatric Nephrologist

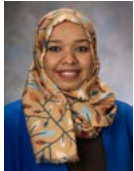
Research Interests: Kidney Stones



Daryl McLeod, MD, MPH

Pediatric Urologist

Research Interests: Congenital Kidney Disease



Tahagod Mohamed, MD

Pediatric Nephrologist

Research Interests: Neonatal Acute
Kidney Injury



Navjot Pabla, PhD

Basic Scientist

Research Interests: Acute Kidney Injury



Juan de Dios Ruiz-Rosado, PhD

Immunologist

Research Interests: Urinary Tract Infections



William E. Smoyer, MD, FASN

Pediatric Nephrologist

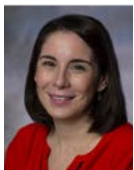
Research Interests: Nephrotic Syndrome



Laura Schwartz, PhD

Basic Scientist

Research Interests: Urinary Tract Infections



Diana Zepeda-Orozco, MD, MS

Pediatric Nephrologist

Research Interests: Acute Kidney Injury





**NATIONWIDE
CHILDREN'S[®]**

When your child needs a hospital, everything matters.