



# **The Student Urinary Tract Program in Education and Research**

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**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**



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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.

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## **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](mailto:SuperSupport@NationwideChildrens.org)**

**[NationwideChildrens.org/Super-Summer-Apply](https://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

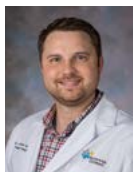
Research Interests: Nephrotic Syndrome



**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





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