

2022 Foglia-Hills Summer Fellowship at Children's National, Washington, DC

An incredible research opportunity for medical students at the nation's capital!

Program overview:

The summer fellowship program exposes medical students to the rewards of laboratory research directed toward solving important health problems in children with congenital heart disease. The overall mission of our research laboratory is **to maximize intellectual development and minimize neurological injury associated with congenital heart anomalies and their treatment** using clinically-relevant experimental models of injury.

The program is intended to provide the highest quality experience for medical school students with a strong interest in pursuing careers as physician-scientists focused on cellular/molecular mechanisms in biology. The program offers students the opportunity to:

- learn uniquely integrated research field in developmental neuroscience and pediatric cardiology/cardiac surgery
- gain experience in hands-on laboratory research
- interact with faculty, postdoctoral fellows, and other summer interns
- attend weekly luncheon/seminar presentations by members on specific research projects and cutting-edge research tools
- improve presentation, writing, and communication skills

Please visit our [Lab's website](#) to learn more about our research.

Student activities:

Laboratory research: Students actively participate in laboratory research studies in developmental neuroscience during their fellowship. In previous years, students have presented their work at major national scientific meetings and co-authored peer reviewed publications. The Ishibashi laboratory is located within the Center for Neuroscience Research and includes state-of-the art core facilities. The center is led by Dr. Tarik Haydar, an internationally recognized developmental neuroscientist.

Clinical observation: In partnership with Children's National Heart Institute, students can participate in weekly surgery case discussions and daily Cardiac ICU rounds to learn more about congenital heart disease. Our pediatric cardiac surgery team performs hundreds of cardiac surgeries. World-renowned, pediatric cardiac surgeon Dr. Yves d'Udekem, MD, is the co-director of the Heart Institute.

Seminar series: Children's Research Institute, the research arm of Children's National Health System, hosts a Summer Student Lecture Series that covers a wide variety of topics in laboratory and clinical research in child health. Students are able to participate in the series. In the summer of 2021, different lecture topics were presented by experts in the field.

Program Fast Facts

Fellows Per Year: 2-3

Application Deadline: January 15, 2022

Duration: 8-10 weeks between May - August, 2022

U.S. Citizenship Required: No

Stipend: \$4,000.00

Application

The application period will begin December 10, 2021 and close January 15, 2021.

Please submit your application to Nobuyuki Ishibashi, MD (nishibas@childrensnational.org).

Include the following items in your application:

- Personal statement/interest (one page)
- Current CV
- Letter of recommendation
- Verification of school enrollment