



Kevin Cleary, PhD

Technical Director and Lead Principal Investigator

A research professor and engineer, Dr. Cleary leads the Institute's interdisciplinary bioengineering team with a focus on improving visualization in pediatric surgery through medical devices and robotics. As part of that work, he will modify devices designed for adult surgery to work better in the smaller bodies of children.

Embracing the unprecedented opportunity to work side by side with physician researchers and other engineers, Dr. Cleary seeks to expand and improve the application of robotics and other devices in pediatric surgery. Dr. Cleary believes the fledgling field of pediatric robotics can advance faster thanks to the unique multidisciplinary set up of the Institute. Dr. Cleary comes to Children's National from Georgetown University Medical Center's Department of Radiology where he was director and professor at the Imaging Science and Information Systems Center. He is the co-editor of the book "Image-Guided Interventions: Technology and Applications." Dr. Cleary received his doctorate from the University of Texas in Austin and was an NSF-sponsored post-doctoral fellow in robotics in Japan.