

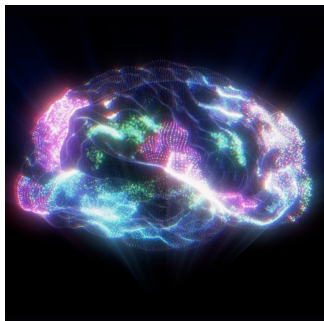
UPDATE IN

CHILD NEUROLOGY AND PEDIATRIC NEUROSURGERY



UPMC Children's Hospital of Pittsburgh has been recognized as one of the top pediatric hospitals in the country on the 2023-24 *U.S. News & World Report* Honor Roll of Best Children's Hospitals, ranking 8th. Nationally, UPMC Children's is ranked for excellence in all 10 specialty areas.

[Learn More About UPMC Children's Rankings](#)

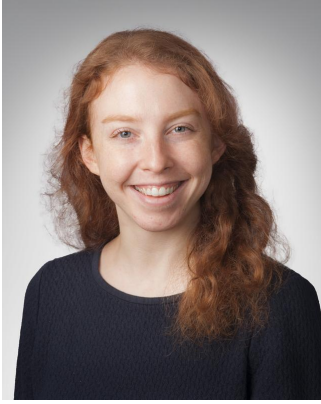


Vagus Nerve Stimulation: Developing a New Predictive Model for Pediatric Epilepsy Treatment Response

Predicting which pediatric patients with drug-resistant epilepsy will respond to vagus nerve stimulation presents a host of challenges for clinicians. However, newly published research from UPMC Children's could lay the foundation for

a new approach using a predictive clinical model.

[Explore Study Findings](#)



Save the Date: Headache in Children and Adolescents Webinar - October 18, 2023

Katherine Cobb-Pitstick, MD, will present on headache in pediatric patients. Dr. Cobb-Pitstick's clinical and research interests include headache medicine and accompanying behavioral comorbidities. The webinar is free and CME credit will be available.

[Register for Webinar](#)



Research Faculty Spotlight: Lamitina Laboratory

Todd Lamitina, PhD, is director of the [Lamitina Lab](#) and associate professor of Pediatrics and Cell Biology, and associate vice-chair for Basic Research in the Department of Pediatrics. His lab studies stress response pathways and neurodegenerative disease

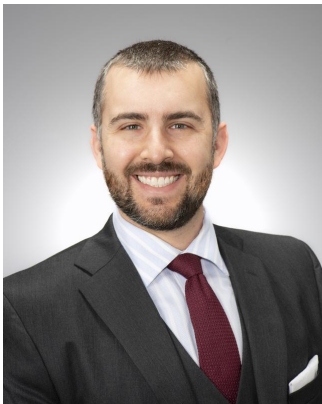
[Learn More](#)



Pitt Med Student Awarded Research Grant To Study Pediatric Brain Tumors

University of Pittsburgh School of Medicine student, **Stephen Frederico, MS**, was awarded the Medical Scholars Research Fellowship from the Physician Scientist Support Foundation to study Diffuse Midline Glioma.

[More Details](#)



Pitt and CMU Scientists Create Headband that Measures Brain Pressure in Seconds

In a study recently published in the *Journal of Neurosurgery*, the research team, including pediatric neurosurgeon **Michael McDowell, MD**, reported on the results of a preliminary study that compared the new ICP measuring device to routine invasive testing.

[View Study Results](#)

In Case You Missed It

Key Culprit Behind Pediatric Brain Cancer Metastasis Uncovered

New research led by **Baoli Hu, PhD**, pinpoints a key culprit controlling cancer cell metastasis and provides a potential new therapy for treating these tumors in the future. The study was published in *Nature Cell Biology* in February.

[Read the Full Study](#)

Udai Pandey, PhD, Named New Director of Children's Neuroscience Institute

Dr. Pandey will develop and foster initiatives to facilitate neuroscience research at UPMC Children's and serve as a bridge between research and clinical faculty.

[Read More About Dr. Pandey](#)

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Affiliated with the University of Pittsburgh School of Medicine, UPMC Children's Hospital of Pittsburgh is ranked among the nation's best children's hospitals by *U.S. News & World Report*.



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