

# Your Monthly PeRCH

The Pediatric Research Cores Highlight is a feature showcasing specialized services that support child health researchers at Emory University, Children's Healthcare of Atlanta, and their partner institutions.

## Pediatric Research Cores News MAY 2026

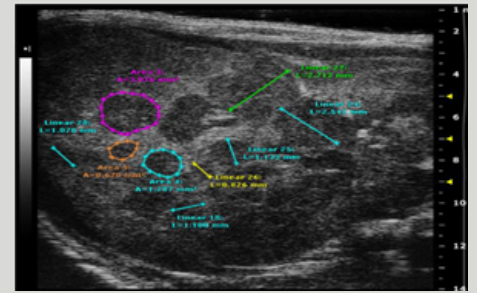
### Announcements & Updates

#### Animal Physiology (AP) Core: Spotlight on VEVO 3100 High-Frequency Animal Ultrasound

The FujiFilm VisualSonics VEVO 3100 High-Frequency Ultrasound has applications in many areas of research, including but not limited to:

- **Cardiology:** ejection fraction (EF), cardiac output (CO), tissue doppler
- **Oncology:** tumor volumetrics, vascular mapping
- **Hepatology:** fibrosis quantification, metastasis tracking
- **Nephrology:** architectural change/injury monitoring, perfusion kinetics
- **Developmental biology:** gestational tracking, organogenesis, functional hemodynamics

In addition, 3D imaging and image-guided injections are offered. The ultrasound can be used unassisted (\$115/hr) or with assistance from the AP Core (\$200/hr) and is located in Emory Children's Center (ECC) room 260. Click [here](#) for more information, and reach out to us with any questions or project proposals!



Liver tumor volumetrics (top) and image-guided cardiac injection (bottom)

#### Emory + Pediatrics/Winship Flow Cytometry Core: Cytek Spectral and Imaging Flow Cytometry Symposium

Emory + Pediatrics/Winship Flow Cytometry Core, in partnership with Cytek Biosciences, invites you to join us for the **Spectral and Imaging Flow Cytometry Symposium**, featuring guest speakers and the latest advancements in spectral and imaging, on **Tuesday, July 21st**, from 9 am-5 pm in HSRB I Auditorium. Click [here](#) for more information and to register!

#### 2026 Annual Southeastern Pediatric Research Conference



Join us on **August 28th** at the **Southeastern Pediatric Research Conference** at the **Georgia Aquarium!** Registration is open and available [here](#), with the early bird rate available until August 14<sup>th</sup>. Stop by "Cores Corner" for poster presentations and hear brief rapid fires from the Cores during the program. Don't miss the opportunity to dive into this year's theme, "Bench to Bedside and Beyond: Risk Factors and Intervention Strategies in Childhood Disease and Injury."

*The Pediatrics Cores are generously supported by Children's Healthcare of Atlanta and Emory University. When presenting or publishing work completed using a Pediatrics Core, please include core-specific acknowledgement. If you are seeking specific language, you can find it under the "Acknowledgements" tab of the specific core [here](#).*

Click [HERE](#) to see all of the research cores that support the **Emory + Children's Pediatric Research Ecosystem**.

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For more information about our research cores, please contact [Dr. Stacy Heilman](#).