Research Resources:
The resources to the right are available to all investigators affiliated with Children’s Healthcare of Atlanta (CHOA), including medical staff, Emory Department of Pediatrics (DOP) faculty and staff, and those outside of the DOP and CHOA who are members of our research centers. We encourage involvement of all those interested in research throughout our system, and provide this as a guide to resources along with our research website www.pedsresearch.org. Our goals are to build infrastructure and programs that serve a broad community of scientists and clinicians engaged in pediatric research, and provide training in grant writing and grant opportunities that enhance our extramural funding for all child health investigators affiliated with Children’s Healthcare of Atlanta. For suggestions and comments on any of the initiatives and resources, please contact Clinton H. Joiner, MD, PhD Clinton.joiner@emory.edu or Stacy Heilman, PhD stacy.Heilman@emory.edu

<table>
<thead>
<tr>
<th>Grant and Manuscript Support</th>
<th>Clinical studies/coordinators</th>
<th>Emory Clinical Research Services</th>
</tr>
</thead>
</table>
| Stacy Heilman, PhD  
Director, Research Operations 404-727-4819  
stacy.heilman@emory.edu  
- Assistance with finding grant opportunities and connecting to collaborators  
- Core laboratory assistance, supervision | CHOA Clinical Research Administration  
Sarah Marie Huban  
sarahmarie.huban@choa.org  
404-785-7477 and Stephanie Meisner  
Stephanie.Meisner@choa.org  
404-785-6453  
- Manager, Egleston campus:  
Lawrence Matarutse 404-785-0109 Lawrence.Matarutse@choa.org  
- Manager, Hughes Spalding/Scottish Rite campuses:  
Beena Desai 404-785-2269 beena.desai@choa.org  
- Lead Research Nurse, Pediatric Research Center (PCRU/CAP Building):  
Cheryl Stone, RN cheryll.stone@choa.org  
404-785-0400-main number | Nadine Spring, Director  
Nadine.spring@emory.edu  
404-727-5234 |

| Grants & Manuscript Editing | Equipment Core: Biosafety cabinet, incubators, clinical centrifuge, real-time PCR machine, standard PCR machine, multilabel plate reader, gel documentation system on order  
Services: This core provides common equipment for investigator’s use, including access to benchtop space and hood space, centrifuges for clinical specimen processing |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| - Prioritized for extramural funding opportunities, program projects  
- Experienced at program project management, grant and scientific paper editing  
- Request form on pedsresearch.org; send to Stacy Heilman | Grants & Manuscript Editing  
- Prioritized for extramural funding opportunities, program projects  
- Experienced at program project management, grant and scientific paper editing  
- Request form on pedsresearch.org; send to Stacy Heilman |

| Biostatistics Core | Pediatric Clinical Research Unit (PCRU)–  
A six-bed outpatient research unit/ A two-bed inpatient research unit/ A four-bed inpatient research unit/ A core research lab/ A research pharmacy/ Bionutrition services/Nursing Services including, but limited to: Medication administration including investigational drugs; I.V. access and port access; I.V. infusions; Routine and complex vital sign monitoring; Phlebotomy; Timed specimen collections such as PK trials and oral glucose tolerance tests; Telemetry monitoring; For more information, please visit: http://www.pedsresearch.org/research/support-services/dedicated-clinical-research-facilities |
| Scott Gillespie, MS, Associate Director  
- Traci Leong, PhD  
- Janet Figueroa, MPH  
- Mike Kelleman, MSPH  
- Martha Wezel, MSPH  
Procedure: Request form located at: http://www.pedsresearch.org/research/cores/biostatistics-core/overview/  
Priorities: analysis for grant applications and Publications |  
- Heather MacDonald, Manager  
Advanced Diagnostics Laboratory  
404-785-5766 Heather.macdonald@choa.org or labresearchcoordinator@choa.org  
- Clinical trials specimen processing, shipping, limited storage  
- ACTSI processing lab  
- Laboratory inventory management system (LIMS) available |

| Laboratory Specimen Processing: Clinical Laboratory at Egleston and Scottish Rite | **Research Snapshot**  
April 2020 | **Research Resources**  
The resources to the right are available to all investigators affiliated with Children’s Healthcare of Atlanta (CHOA), including medical staff, Emory Department of Pediatrics (DOP) faculty and staff, and those outside of the DOP and CHOA who are members of our research centers. We encourage involvement of all those interested in research throughout our system, and provide this as a guide to resources along with our research website www.pedsresearch.org. Our goals are to build infrastructure and programs that serve a broad community of scientists and clinicians engaged in pediatric research, and provide training in grant writing and grant opportunities that enhance our extramural funding for all child health investigators affiliated with Children’s Healthcare of Atlanta. For suggestions and comments on any of the initiatives and resources, please contact Clinton H. Joiner, MD, PhD Clinton.joiner@emory.edu or Stacy Heilman, PhD stacy.Heilman@emory.edu |
Pediatric Research Alliance Center Contacts

Center Directors:

Aflac Cancer and Blood Disorders Center
Center Director: Doug Graham, MD, PhD
douglas.graham@choa.org
Program Coordinator: Molly Green
molly.green@emory.edu

Children’s Heart Research and Outcomes Center
Center Director: Mike Davis, PhD
michael.davis@bme.gatech.edu
Program Coordinator: Julie Sullivan
jsulliv@emory.edu

Center for Clinical and Translational Research
Center Directors: Claudia Morris, MD
claudia.morris@emory.edu and Miriam Vos, MD, MSPH
mvos@emory.edu
Program Coordinator: Julie Sullivan
jsulliv@emory.edu

Clinical Outcomes Research and Public Health
Interim Center Director:
Ann Mertens, PhD
Ann.Mertens@choa.org
Program Coordinator: Tracy Willoughby
twillo2@emory.edu

Center for Cystic Fibrosis & Airways Disease Research
Center Director: Nael McCarty, PhD
namccar@emory.edu
Program Coordinator: TBN

Center for Drug Discovery
Center Director: Baek Kim, PhD
Baek.kim@emory.edu
Program Coordinator: Tracy Willoughby
twillo2@emory.edu

Center for Childhood Infections and Vaccines
Center Director: Ann Chahroudi, MD, PhD
ann.m.chahroudi@emory.edu
Program Coordinator: Karol Flowers
karol.flowers@emory.edu

Center for Pediatric Cellular Therapies
Center Directors: Edwin M. Horwitz, MD, PhD
edwin.horwitz@emory.edu and H. Trent Spencer, PhD
hspence@emory.edu
Program Coordinator: Jianing Li, PhD
jianing.li@emory.edu

Center for Transplantation & Immune-mediated Disorders
Center Director: Subra Kugathasan, MD
skugath@emory.edu
Co-Director: Greg Gibson, PhD
greg.gibson@biology.gatech.edu
Program Coordinator: Tracy Willoughby
twillo2@emory.edu

Marcus Autism Center
Center Director: Ami Klin, PhD
ami.klin@emory.edu and
Larry Scahill, MSN, PhD
lawrence.scahill@emory.edu and Gordon J. Ramsey, PhD
gordon.ramsey@emory.edu
Program Coordinator: Jennifer Shipp
Jennifer.shipp@choa.org

Pediatric Technology Center
Chief Scientific Officer: MG Finn, PhD
mgfinn@gatech.edu
Program and Operations Manager: Sheri Russell
Sheri.Russell@tri.gatech.edu

Research Alliance Administration:
Lucky Jain, MD, MBA
Richard W Blumberg Professor and Chair
Emory University School of Medicine, Department of Pediatrics, Executive Medical Director & Chief Academic Officer, Children’s Healthcare of Atlanta
ljain@emory.edu

Clinton Joiner, MD, PhD
Vice Chair for Research, Emory Department of Pediatrics
Children’s Chief Research Officer
clinton.joiner@emory.edu

Stacy S. Heilman, PhD
Director for Research Operations
Director of Programs & Grants Advocate, Department of Pediatrics, Emory University & Children’s Healthcare of Atlanta
stacy.heilman@emory.edu

Liz McCarty
Vice Chair, DOP Administration & Executive Administrator, SOM
smccar2@emory.edu

Shantisa Fulgham
Senior Business Manager, Department of Pediatrics, Emory University
sfulgha@emory.edu

Melinda Mathis, MPA, CRA
VP Research and Academic Administration
Children’s Healthcare of Atlanta
melinda.mathis@choa.org

Sarah Marie Huban, MA, CIP, CHRC
Director, Research Administration
Children’s Healthcare of Atlanta
SarahMarie.Huban@choa.org

Stephanie Meisner, RN
Director, Clinical Research
Children’s Healthcare of Atlanta
Stephanie.Meisner@choa.org

Barbara W. Kilbourne, RN, MPH
Assistant Director, Pediatric Research Alliance, Emory University & Children’s Healthcare of Atlanta
barbara.kilbourne@choa.org
Pediatric Research Alliance

Locations and Contacts:

Emory Campus/Egleston

Emory-Children’s Center (E-CC)
2015 Uppergate Drive
Atlanta, GA  30322

Health Sciences Research Building (HSRB)
1760 Haygood Drive, NE
Atlanta, GA  30322

Egleston hospital
1405 Clifton Road
Atlanta, GA  30322

Director for Research Operations Stacy Heilman, PhD
stacy.Heilman@emory.edu

Assistant Director, Program: Barbara Kilbourne, RN, MPH
barbara.kilbourne@emory.edu

Manager, Egleston campus: Lawrence Matarutse
Lawrence.Matarutse@choa.org

Centers:

Aflac Cancer and Blood Disorders Center
Program Coordinator: Molly Green molly.green@emory.edu

Children’s Heart Research and Outcomes Center
Program Coordinator: Julie Sullivan jsulliv@emory.edu

Children’s Center for Clinical and Translational Research
Program Coordinator: Julie Sullivan jsulliv@emory.edu

Clinical Outcomes Research & Public Health
Program Coordinator: Tracy Willoughby twillo2@emory.edu

Center for Cystic Fibrosis & Airways Disease Research
Program Coordinator: TBN

Center for Drug Discovery
Program Coordinator: Tracy Willoughby twillo2@emory.edu

Center for Childhood Infections and Vaccines
Program Coordinator: Karol Flowers karol.flowers@emory.edu

Children’s Center for Neurosciences Research
Program Coordinator: Karol Flowers karol.flowers@emory.edu

Center for Pediatric Cellular Therapies
Program Coordinator: Jianing Li, PhD jianing.li@emory.edu

Center for Transplantation & Immune-mediated Disorders
Program Coordinator: Tracy Willoughby twillo2@emory.edu

Georgia Institute of Technology

Atlanta Pediatric Technology Center

Main Contacts:
Chief Innovation Officer: Wilbur Lam, MD, PhD, wilbur.lam@emory.edu
Chief Scientific Officer: M.G. Finn, PhD mgfinn@gatech.edu
Strategic Partners Officer: Sherry Farrugia sherry.farrugia@gatech.edu
Program and Operations Manager: Sheri Russell Sheri.Russell@gatech.edu

Hughes Spalding Hospital
35 Jesse Hill Jr. Drive SE
Atlanta, GA 30303-3032
Research Coordinator, Saadia Khizer
Saadia.khizer@choa.org

Morehouse School of Medicine
PI: Lily Immergluck, MD, FAAP
Limmergluck@msm.edu

Marcus Autism Center
1920 Briarcliff Road, NE
Atlanta, GA  30329
Program Coordinator: Jennifer Shipp Jennifer.shipp@choa.org

Scottish Rite Hospital*
1001 Johnson Ferry Road NE
Atlanta, GA 30342-1605
Children’s Center for Clinical and Translational Research
Center Directors: Claudia Morris, MD, FAAP claudia.r.morris@emory.edu and Miriam Vos, , MD, MSPH MVS@emory.edu Program Coordinator: Julie Sullivan jsulliv@emory.edu
Manager, SR Campus: Beena Desai Beena.desai@choa.org

Research Snapshot April 2020

*Research Office located in the Medical Library on the Ground Floor
### Research-sponsored events/meetings:

*(This is an overview, for specific dates/events, go to: [http://www.pedsresearch.org/calendar](http://www.pedsresearch.org/calendar)*

<table>
<thead>
<tr>
<th>MONDAYS</th>
<th>TUESDAYS</th>
<th>WEDNESDAYS</th>
<th>THURSDAYS</th>
<th>FRIDAYS</th>
<th>VARIOUS DAYS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Operations Council (ROC) meetings: occurs monthly at HSRB, E482. Designed for central team to discuss detailed operations and issues. For more information, contact Stacy Heilman <a href="mailto:stacy.Heilman@emory.edu">stacy.Heilman@emory.edu</a></td>
<td>K club: Monthly discussions/lectures for K award training, other grants training/education. Typically 2nd Monday, September to May, Contact Stacy Heilman <a href="mailto:Stacy.heilman@emory.edu">Stacy.heilman@emory.edu</a> for more information. <em>Sponsored by Departments of Pediatrics and Medicine and Georgia CTSA and CFAR</em></td>
<td>Research Grand Rounds: 3rd Wednesday of month, Egleston, 8:00 AM Contact Barbara Kilbourne <a href="mailto:barbara.kilbourne@choa.org">barbara.kilbourne@choa.org</a></td>
<td>Research Seminars: Fridays (Egleston Classrooms). Contact Barbara Kilbourne for suggestions or needs <a href="mailto:barbara.kilbourne@choa.org">barbara.kilbourne@choa.org</a></td>
<td>PeRCS: 10 AM coffee social every 1st and 3rd Friday, usually held 3rd floor break area, E-CC</td>
<td>Research Advisory Council (RAC) meetings: once monthly; restricted to RAC membership, contact Clint Joiner, MD, PhD for inquiries or suggestions <a href="mailto:Clinton.joiner@emory.edu">Clinton.joiner@emory.edu</a></td>
</tr>
</tbody>
</table>

---

Research Snapshot April 2020
## Specialized Research Equipment/Service Cores:

<table>
<thead>
<tr>
<th>CORE</th>
<th>SCIENTIFIC DIRECTOR</th>
<th>TECHNICAL DIRECTOR/CONTACT</th>
<th>EQUIPMENT</th>
<th>LOCATION</th>
<th>SERVICES</th>
</tr>
</thead>
</table>
| Animal Physiology Core                        | Josh Maxwell, PhD joshua.t.maxwell@emory.edu | Ming Shen mshen@emory.edu   | • Small animal ventilator  
• Cautery  
• Temperature monitoring  
• Anesthesia system  
• Dissecting microscope  
• Visualsonics Vevo 2100 High Frequency Ultrasound* | Emory-Children’s Center, 2nd Floor Lab | This core is a centralized resource specializing in survival surgery for rats and mice in addition to assistance with other USDA regulated animals such as rabbits, guinea pigs and piglets. The core director assists all investigators with development of IACUC protocols. Surgical services currently offered by the Core include pulmonary banding in rat and neonatal rabbit, aortic banding, myocardial infarction 5/6th nephrectomy for chronic kidney disease, liver-ischemia reperfusion and ultrasound guided injection ideally suited for targeted drug or cell therapy delivery. The Core also has available for use a Visualsonics Vevo 2100 High Frequency Ultrasound system that allows high resolution small animal ultrasound examinations for noninvasive measurement of in vivo structure and function. The Core Technical Director has been extensively trained in ultrasound techniques with many years’ experience thereby increasing reliability and reproducibility of imaging data. Studies can either be conducted in an assisted fashion or investigators can reserve the equipment and utilize their own laboratory personnel. |
| Biomarkers Core                               | Lou Ann Brown, PhD lou.ann.brown@emory.edu | Frank Harris fharris@emory.edu | Agilent gas chromatography/mass spectrometer and Waters high performance HPLC with fluorescence detector | Emory-Children’s Center, 3rd Floor Lab | This cores analyzes markers of oxidative stress and markers of alcohol exposure. Speak to Scientific Director about other chromatography/mass spec assays available. |
| Cardiovascular Imaging Core (CIRC)            | Ritu Sachdeva, MD sachdevar@kidsheart.com | Joan Lipinski, RDCS, RDMS joan.lipinski@choa.org | Echocardiograms  
- Flow Doppler  
- 3-D Imaging  
- Upright Bicycle  
- VO2 Analysis  
- Electrocardiogram  
- Cardiac MRI | Outpatient Cardiac Services, 2nd Floor, Tower 1 | This core provides non-invasive cardiac support for investigators involved in clinical research involving infants, children and adolescents. The CIRC has dedicated space, equipment and staff to provide you with quality cardiovascular imaging data that is collected in a meticulous, systematic, detail-orientated manner. Because of our unique set-up, we are able to utilize state-of-the-art imaging modalities not typically seen in the clinical setting. |
| Flow Cytometry/Cell Sorting                   | David Archer darcher@emory.edu | Technical Director for Core: Aaron Rae aaron.j.rae@emory.edu | • BD FACS Canto II Flow Cytometer - Lab E-362, HSRB  
• BD LSRII Flow Cytometer - Lab E-362, HSRB  
• BD LSRII Flow Cytometer - Lab E-362A, HSRB  
• BD FACS Aria II Cell Sorter - Lab E-362, HSRB  
• Imagestream X Mark II - Lab E-362, HSRB  
• Luminex 100 Analyzer - Lab E-362, HSRB  
• CTL-ImmunoSpot-S6 Micro Analyzer (ELISPORT Reader) - E-480, HSRB | Health Sciences Research Building, E362 | This core offers access to several state of the art analytical flow cytometers and Luminex as well as high-speed cell sorting. We also offer training as well as expert help to enable our users to improve the quality and scope of their research. The facility provides flow cytometric analyzers and Luminex for the following applications:  
Immunophenotyping  
- Cell Cycle  
- Ploidy  
- Mitochondrial Potential  
- Apoptosis  
- PhosFlow  
- Live/Dead  
- Cell Proliferation  
- Oxidative Burst  
- Cytokine levels in serum and plasma  
- Gene and protein expression in cells and body fluids |
## Specialized Research Equipment/Service Cores

<table>
<thead>
<tr>
<th>CORE</th>
<th>SCIENTIFIC DIRECTOR</th>
<th>TECHNICAL DIRECTOR/CONTACT</th>
<th>EQUIPMENT</th>
<th>LOCATION</th>
<th>SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Medical Imaging Resources</strong></td>
<td>Radiologists at Children's are board certified with additional training in pediatric imaging and are available for consultation upon request. This operation also includes physicists with imaging expertise and other staff experts.</td>
<td>Erica Riedesel, MD <a href="mailto:Erica.Riedesel@choa.org">Erica.Riedesel@choa.org</a></td>
<td>• Access to clinical CT (4), PET (1), Bone Densitometry (2), Fluoroscopy (8), Nuclear Medicine (4), Ultrasound (9) and X-ray. • Access to 6 clinical MRI scanners including a 1.0T intraoperative, 1.5T and 3T systems. • Access to 2 fMRI systems. • Sedation Services • Access to radiology investigators specializing in radiology, neuroradiology and interventional radiology. • Access to MRI physicists (3). • Access to research professionals including administrators and research coordinators. • Administrative services including scheduling, archival of images</td>
<td>We provide a cross-disciplinary scientific, administrative, and educational home for imaging science through the Emory Center for Systems Imaging (CSI) and the Pediatric Imaging Research Core (PIRC) at Children's Healthcare of Atlanta. <strong>Inpatient Imaging Resources</strong> <strong>Outpatient Imaging Resources</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Children's Clinical &amp; Translational Discovery Core</strong></td>
<td>Chris Porter, MD <a href="mailto:chris.porter@emory.edu">chris.porter@emory.edu</a> Bradley Hanberry, PhD <a href="mailto:bradley.hanberry@emory.edu">bradley.hanberry@emory.edu</a></td>
<td>Freezers (-80, LN2)</td>
<td></td>
<td>Health Sciences Research Building, E264</td>
<td>New Biological Samples • Collection • Processing • Storage in a variety of storage media and freezers, including liquid nitrogen and -80 degree freezers. Monitoring systems ensure 24/7 specimen integrity. • Distribution - Specimens are tracked electronically via the Nautilus LIMS System. Samples Available for Withdrawal • PBMCs, plasma, whole blood, DNA, and urine from pediatric patients with immune-mediated disorders, solid organ transplant recipients and/or patients with end-stage organ disease who are awaiting organ transplant • Blood and urine from living kidney donors and healthy controls with renal diagnoses of rejection, stable function or viremia • Clinical data also can be made available upon request.</td>
</tr>
</tbody>
</table>
## Partnership Cores

<table>
<thead>
<tr>
<th>CORE</th>
<th>SCIENTIFIC DIRECTORS</th>
<th>EQUIPMENT</th>
<th>LOCATION</th>
<th>SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Cell Imaging Core</td>
<td>Adam Marcus, PhD Director, ICI</td>
<td>The rates for the microscopes included in this effort can be found at:</td>
<td>A partnership facilitated by the Emory School of Medicine and includes</td>
<td>This core provides training and access to advanced cellular imaging</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:aimarcu@emory.edu">aimarcu@emory.edu</a></td>
<td><a href="http://www.cores.emory.edu/ici/documents/ICI%20Fees-Pediatrics%2020171.pdf">http://www.cores.emory.edu/ici/documents/ICI%20Fees-Pediatrics%2020171.pdf</a>.</td>
<td>the Pediatric Research Alliance Cellular Imaging Core along with other</td>
<td>systems, including confocal and TIRF microscopy. For more information:</td>
</tr>
<tr>
<td></td>
<td>Laura Fox-Goharioon Associate Director for Research Projects, ICI</td>
<td>Pediatric researchers will benefit from a 40% subsidy when using any</td>
<td>cellular imaging sites on campus including Winship Cancer Institute,</td>
<td><a href="http://www.pedsresearch.org/research/cores/integrated-cellular-imaging-core/overview/">http://www.pedsresearch.org/research/cores/integrated-cellular-imaging-core/overview/</a></td>
</tr>
<tr>
<td></td>
<td><a href="mailto:laura.fox-goharioon@emory.edu">laura.fox-goharioon@emory.edu</a></td>
<td>of the ICI equipment and technologies. ICI also provides expert</td>
<td>Emory NINDS Neuroscience Core Facilities (ENNCF), and the Department of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Neil Anthony, PhD 404-969-CORE April Reedy <a href="mailto:April.reedy@emory.edu">April.reedy@emory.edu</a></td>
<td>consultation, training, and assistance on all technologies. More</td>
<td>Physiology</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>information on the microscopes and services available, locations, and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>how to become a user is available at <a href="http://www.cores.emory.edu/eigc/">http://www.cores.emory.edu/eigc/</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Genetics/Genomics Core Resources</td>
<td>The Emory Integrated Genomics Core (EIGC): Michael Zwick, PhD <a href="mailto:mzwick@emory.edu">mzwick@emory.edu</a> or</td>
<td>The EIGC is a full-service genomics and computational facility offering</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><a href="mailto:EIGC@emory.edu">EIGC@emory.edu</a></td>
<td>Emory researchers the ability to use the latest technologies and methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>of analysis in their research. We offer next-generation sequencing,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>high density microarray services, targeted enrichment, single</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>nucleotide polymorphism (SNP) genotyping, and cutting-edge</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>computational services built around our custom Galaxy server and Emory</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>University’s high performance computing and storage infrastructure.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Please go to this link to learn more: EIGC.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="http://www.pedsresearch.org/research/cores/integrated-cellular-imaging-core/overview/">Emory Integrated Genomics Core</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emory Genetics Laboratory (EGL):</td>
<td><a href="mailto:dohginfo@emory.edu">dohginfo@emory.edu</a> or <a href="mailto:domglab@emory.edu">domglab@emory.edu</a></td>
<td>Emory Genetics Laboratory (EGL) is a “one-stop shop” for genetic testing.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Its molecular genetics, biochemical genetics, and cytogenetics laboratories</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>are fully integrated and offer one of the most comprehensive test menus</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>available – more than 900 genetic tests are available for clinicians and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>researchers. As part of Emory University School of Medicine, EGL remains</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>on the forefront of the latest technologies, including exome sequencing,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>next generation sequencing, whole genomic and targeted microarrays, and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>more. ABMG-accredited laboratory directors and NSGC-certified laboratory</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>genetic counselors are available to all ordering clinicians and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>researchers. For more information, please visit EIGC.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[Emory Integrated Genomics Core](http://www.pedsresearch.org/research/cores/integrated-cellular-imaging-core/overview/)

[Emory Genetics Laboratory](http://www.pedsresearch.org/research/cores/integrated-cellular-imaging-core/overview/)
## Funding Opportunities:

<table>
<thead>
<tr>
<th>Funding Opportunity</th>
<th>Funding Limit</th>
<th>Funding Term</th>
<th>Deadline</th>
<th>Eligibility</th>
<th>Post Award Expectations</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Center Pilot Grants (including Emory &amp; GA Tech based centers)</td>
<td>$50,000 (some GA Tech are $60K)</td>
<td>12 months</td>
<td>Usually mid-winter; Emory-based are due roughly every other year and GA Tech-based offered every year</td>
<td>1. Must include a member of the center and/or member of Children's medical staff 2. GA Tech Pediatric Technology Center (PTC)--must also include member of GA Tech faculty</td>
<td>1. Must provide annual report specifying related publications, grant applications submitted and extramural funding received. 2. Must apply for extramural funding within one year of project conclusion date.</td>
<td><a href="http://www.pedsresearch.org/research/resources/funding/pilot-grant-programs">http://www.pedsresearch.org/research/resources/funding/pilot-grant-programs</a></td>
</tr>
</tbody>
</table>

### Imlay Innovation Fund

Intended solely to support collaborative activities and pediatric innovation and discovery efforts between Georgia Tech and Children’s, focusing on practical steps that will lead to clinical impact as well as potential commercial opportunities.

Two types of projects are eligible for funding:

1. **Quick Wins**: Quick Wins (QW) allows Children’s clinicians and clinical administrative leaders to bring problems that impact care delivery to the attention of scientists and engineers at Georgia Tech to help develop innovative solutions. Successful projects have ranged from pediatric specific surgical device development in partnership with a surgeon and biomedical engineer to improvement of workflow in a busy outpatient clinic in partnership with physicians, clinical administrative leadership, architectural researchers, and industrial engineers. Quick Wins supports projects that can be accomplished in 12-18 months and can be quickly translated into practice. It is possible, but not guaranteed, that a Quick Wins award could help to position an investigator for a successful Innovation Investment application (described below) within the 2 years following the QW award. Quick Wins awards will be funded up to $125K.

2. **Innovation Investment**: Innovation Investment is intended to help bridge the funding gap that often blocks the next phase of implementation or commercialization after initial proof of concept. Innovation Investment awards should allow investigators to collect much-needed data, complete further proof-of-concept studies, or to produce prototypes for testing in order to effectively compete for extramural or investment funding. Innovation Investment projects will typically be funded for a one-year period. Applications for multi-year awards will be accepted only with prior approval, and can receive a total of no more than $250K. An important part of the proposal is a potential for commercialization and/or implementation, as well as potential to positively impact child health.

For more information: [https://ptc.gatech.edu/imlay-innovation-fund-1](https://ptc.gatech.edu/imlay-innovation-fund-1)
## Additional Resources:

### Research listserv:
Contact barbara.kilbourne@choa.org to be added to this listserv used to disseminate all pediatric research related announcements including seminars, funding opportunities, such as the BiRD *(Bringing in Research Dollars)*, and the Weekly PREP *(Pediatric Research Events and Programs)*.

### Website:
www.pedsresearch.org

This is the central resource for research seminar info, contacts, cores, calendars, and forms.

### Emory Library Resources
- [http://www.healthlibrary.emory.edu/](http://www.healthlibrary.emory.edu/)
- Ask a librarian: [http://health.library.emory.edu/about/contact/ask.php](http://health.library.emory.edu/about/contact/ask.php)

### Scottish Rite and Egleston Library Resources
- **Christine Willis**  
  Clinical Information Librarian, Inman Medical Library at Children's at Egleston  
  404-785-1481
- **Kate Daniels**  
  Clinical Information Librarian at Scottish Rite  
  404-785-2157
- If you have access to Careforce — use the following link: [http://careforceconnection/Departments/HumanResources/Learning%20Services/LibrarServices/Pages/Home.aspx](http://careforceconnection/Departments/HumanResources/Learning%20Services/LibrarServices/Pages/Home.aspx)
- If you do not have access to Careforce -- use the following link: [https://www.choa.org/medical-professionals/physician-resources/medical-libraries](https://www.choa.org/medical-professionals/physician-resources/medical-libraries)