

## Snapshot June 2017

### 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](http://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 our co-directors for research Cynthia Wetmore, MD, PhD [Cynthia.Wetmore@emory.edu](mailto:Cynthia.Wetmore@emory.edu) or Stacy Heilman, PhD [stacy.Heilman@emory.edu](mailto:stacy.Heilman@emory.edu)

### Research Resources

<p><b>Grant and Manuscript Support</b></p> <ul style="list-style-type: none"> <li>➤ Stacy Heilman, PhD Grants Advocate 404-727-4819 <a href="mailto:stacy.heilman@emory.edu">stacy.heilman@emory.edu</a></li> <li>• Assistance with finding grant opportunities and connecting to collaborators</li> <li>• Core laboratory assistance, supervision</li> </ul>	<p><b>Clinical studies/coordinators</b></p> <ul style="list-style-type: none"> <li>➤ <b>CHOA Clinical Research Administration</b> Kris Rogers, RN, CRA, Director 404-785-1215 <a href="mailto:Kristine.rogers@choa.org">Kristine.rogers@choa.org</a></li> <li>➤ <b>Manager, Egleston campus:</b> Allison Wellons 404-785-6459 <a href="mailto:Allison.wellons@choa.org">Allison.wellons@choa.org</a></li> <li>➤ <b>Manager, Hughes Spalding/Scottish Rite campuses:</b> Beena Desai 404-785-2269 <a href="mailto:beena.desai@choa.org">beena.desai@choa.org</a></li> <li>➤ <b>Nurse Manager, Pediatric Research Unit (PRC/Egleston):</b> Stephanie Meisner, RN <a href="mailto:Stephanie.Meisner@choa.org">Stephanie.Meisner@choa.org</a> 404-785-0400-main number</li> </ul>	<p><b>Emory Clinical Research Services</b></p> <ul style="list-style-type: none"> <li>➤ Amanda Cook, Director 404-727-5234 <a href="mailto:amcook@emory.edu">amcook@emory.edu</a></li> <li>➤ Kesley Tyson, MS, CCRP, Start-up &amp; Compliance Coordinator 404-727-2189 <a href="mailto:kdytson@emory.edu">kdytson@emory.edu</a></li> </ul> <p><b>Scientific Facilities Manager</b></p> <ul style="list-style-type: none"> <li>➤ Kira Moresco, MS <a href="mailto:kira.moresco@emory.edu">kira.moresco@emory.edu</a> 404-727-6515</li> </ul>
<p><b>Grants &amp; Manuscript Editing</b></p> <ul style="list-style-type: none"> <li>• Prioritized for extramural funding opportunities, program projects</li> <li>• Experienced at program project management, grant and scientific paper editing</li> <li>• Request form on <a href="http://pedsresearch.org">pedsresearch.org</a>; send to Stacy Heilman</li> </ul>	<p><b>Pediatric Research Unit (PRC/Egleston) Services</b>— A four-bed outpatient 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: <a href="http://www.pedsresearch.org/clinical-research/pediatric-research-center/">http://www.pedsresearch.org/clinical-research/pediatric-research-center/</a></p>	<p><b>Equipment Core:</b> Biosafety cabinet, incubators, clinical centrifuge, real-time PCR machine, standard PCR machine, multilabel plate reader, gel documentation system on order <b>Services:</b> This core provides common equipment for investigator's use, including access to benchtop space and hood space, centrifuges for clinical specimen processing</p>
<p><b>Biostatistics Core</b></p> <ul style="list-style-type: none"> <li>➤ Courtney McCracken, PhD             <ul style="list-style-type: none"> <li>• Traci Leong, PhD</li> <li>• Scott Gillespie, MS</li> <li>• Mike Kelleman, MSPH</li> <li>• Curtis Travers, MPH</li> </ul> </li> </ul> <p>Procedure: Request form located at: <a href="http://www.pedsresearch.org/research/cores/biostatistics-core/overview/">http://www.pedsresearch.org/research/cores/biostatistics-core/overview/</a>              Priorities: analysis for grant applications and Publications</p>	<p><b>Laboratory Specimen Processing:</b> Clinical Laboratory at Egleston and Scottish Rite</p> <ul style="list-style-type: none"> <li>➤ Heather MacDonald, Manager Advanced Diagnostics Laboratory 404-785-5766 <a href="mailto:Heather.macdonald@choa.org">Heather.macdonald@choa.org</a> or <a href="mailto:labresearchcoordinator@choa.org">labresearchcoordinator@choa.org</a></li> <li>• Clinical trials specimen processing, shipping, limited storage</li> <li>• ACTSI processing lab</li> <li>• Laboratory inventory management system (LIMS) available</li> </ul>	

# Research Leadership

**Lucky Jain, MD, MBA**  
Interim Chair  
Department of Pediatrics

**Liz McCarty**  
Vice Chair, DOP Administration  
& Executive Administrator, SOM

**Stacy Heilman, PhD**  
Interim Director for Pediatric  
Research Operations  
CHOA & Emory  
Grants Education, Cores

**Cynthia Wetmore, MD, PhD**  
Interim Director for Pediatric Research  
Director, Center for Clinical &  
Translational Research  
CHOA & Emory

**Kris Rogers, RN, CRA**  
Interim VP CHOA Research  
& Academic  
Administration, Clinical  
Research Support Services

**Shantisa Fulgham**  
Emory, DOP Senior  
Business Manager

**Barbara Kilbourne, RN, MPH**  
CHOA, Manager, Business  
Operations

**Karen Kennedy, PhD**  
Cores Administrator

**Amanda Cook**  
Emory, DOP  
Director, Clinical  
Research Services

**Jen King**  
CHOA, Project  
Manager

**M.G. Finn, PhD**  
Georgia Tech  
Chief Scientific Officer  
Atlanta Pediatric Technology Center

Center Program Coordinators

CHOA Research Administration,  
Research Managers,  
Research Coordinators

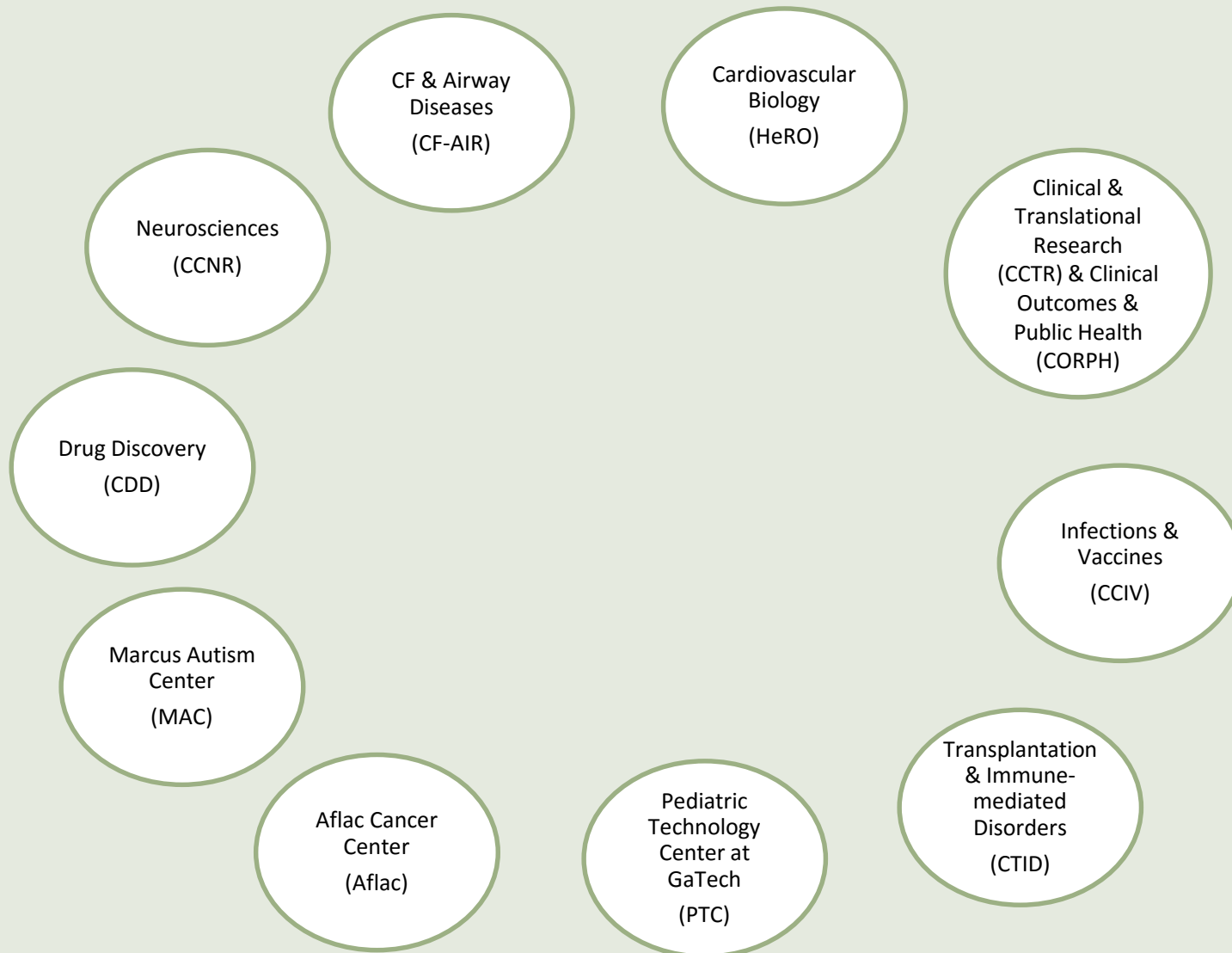
**Sherry Farrugia**  
Georgia Tech  
Chief Operations & Strategy Officer  
Atlanta Pediatric Technology Center

**Sheri Russell**  
Georgia Tech  
Program and Operations Manager  
Atlanta Pediatric Technology Center

**P.J. Wade**  
CHOA, Manager  
Finance Business  
Development

**Brooks Jones**  
CHOA, Senior  
Financial Analyst

# Pediatric Research Alliance Centers\*



\*For more information, please see center web pages at [pedresearch.org](http://pedresearch.org)

# Pediatric Research Alliance Center Contacts

## Center Directors:

### **Aflac Cancer and Blood Disorders Center**

**Center Director: Doug Graham, MD, PhD**

[douglas.graham@choa.org](mailto:douglas.graham@choa.org)

Program Coordinator: Molly Green  
[molly.green@emory.edu](mailto:molly.green@emory.edu)

### **Children's Heart Research and Outcomes Center**

**Center Director: Mike Davis, PhD**

[michael.davis@bme.gatech.edu](mailto:michael.davis@bme.gatech.edu)

Program Coordinator: Kristen Herzegh, BA, MPH  
[kcoshau@emory.edu](mailto:kcoshau@emory.edu)

### **Center for Clinical and Translational Research**

**Center Director: Cynthia Wetmore, MD, PHD**  
[cynthia.wetmore@emory.edu](mailto:cynthia.wetmore@emory.edu)

Program Coordinator: Kristen Herzegh, BA, MPH  
[kcoshau@emory.edu](mailto:kcoshau@emory.edu)

### **Clinical Outcomes Research and Public Health**

Program Coordinator: Tracy Willoughby  
[twillo2@emory.edu](mailto:twillo2@emory.edu)

### **Center for Cystic Fibrosis & Airways Disease Research**

**Center Director: Nael McCarty, PhD**

[namccar@emory.edu](mailto:namccar@emory.edu)

Program Coordinator: Karen Kennedy, PhD  
[kmurra5@emory.edu](mailto:kmurra5@emory.edu)

### **Center for Drug Discovery**

**Center Director: Baek Kim, PhD**

[Baek.kim@emory.edu](mailto:Baek.kim@emory.edu)

Program Coordinator: Barbara Kilbourne, RN, MPH  
[bkilbou@emory.edu](mailto:bkilbou@emory.edu)

### **Center for Childhood Infections and Vaccines**

**Center Director: Marty Moore, PhD**

[Martin.moore@emory.edu](mailto:Martin.moore@emory.edu)

Program Coordinator: Karen Kennedy, PhD  
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### **Children's Center for Neurosciences Research**

**Center Director: Ton deGrauw, MD, PhD**

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**Research Director: Alex Kuan, MD, PhD**  
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Program Coordinator: Tracy Willoughby  
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### **Center for Transplantation & Immune-mediated Disorders**

**Center Director: Subra Kugathasan, MD**

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Program Coordinator: Jennifer Villaseñor  
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### **Marcus Autism Center**

**Center Director: Ami Klin, PhD**

**Director of Research: Warren Jones, PhD**

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**Associate Director of Research, Chris Gunter, PhD**

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Program Coordinator: Christina Wessels  
[Christina.wessels@choa.org](mailto:Christina.wessels@choa.org)

### **Pediatric Technology Center**

**Chief Scientific Officer: MG Finn, PhD**

[mgin@gatech.edu](mailto:mgin@gatech.edu)

Program and Operations Manager: Sheri Russell  
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## Research Center Administration:

### **Lucky Jain, M.D., MBA**

Richard W Blumberg Professor and Interim Chair  
Emory University School of Medicine, Department of Pediatrics, Executive Medical Director & Interim Chief Academic Officer, Children's Healthcare of Atlanta  
[ljain@emory.edu](mailto:ljain@emory.edu)

### **Cynthia Wetmore, MD, PhD**

Interim Co-Director for Research  
Director, Center for Clinical & Translational Research and Director, Clinical Research for Children's & Emory Dept of Pediatrics, Emory University  
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### **Stacy S. Heilman, PhD**

Interim Co-Director for Research  
Director of Programs & Grants Advocate, Department of Pediatrics, Emory University & Children's Healthcare of Atlanta  
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### **Kris Rogers, RN, CRA**

Interim VP for Research  
Director of Research Administration & Graduate Medical Education, Children's Healthcare of Atlanta  
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### **Liz McCarty**

Vice Chair, DOP Administration & Executive Administrator, SOM.  
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### **Shantisa Fulgham**

Senior Business Manager, Department of Pediatrics, Emory University  
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### **Barbara W. Kilbourne, RN, MPH**

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# 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



**Co-Directors for Research** *Cynthia Wetmore, MD, PhD*  
[Cynthia.Wetmore@emory.edu](mailto:Cynthia.Wetmore@emory.edu) and *Stacy Heilman, PhD*  
[stacy.Heilman@emory.edu](mailto:stacy.Heilman@emory.edu)

**Manager, Business Operations:** *Barbara Kilbourne, RN, MPH*  
[barbara.kilbourne@choa.org](mailto:barbara.kilbourne@choa.org)

**Manager, Egleston campus:** *Allison Wellons* [allison.wellons@choa.org](mailto:allison.wellons@choa.org)

#### Centers:

##### Aflac Cancer and Blood Disorders Center

Program Coordinator: *Molly Green* [molly.green@emory.edu](mailto:molly.green@emory.edu)

##### Children's Heart Research and Outcomes Center

Program Coordinator: *Kristen Herzegh, BA, MPH* [kcoshau@emory.edu](mailto:kcoshau@emory.edu)

##### Children's Center for Clinical and Translational Research

Program Coordinator: *Kristen Herzegh, BA, MPH* [kcoshau@emory.edu](mailto:kcoshau@emory.edu)

- **Clinical Outcomes Research & Public Health** Program Coordinator: *Tracy Willoughby* [twillo2@emory.edu](mailto:twillo2@emory.edu)

##### Center for Cystic Fibrosis & Airways Disease Research

Program Coordinator: *Karen Kennedy, PhD* [kmurra5@emory.edu](mailto:kmurra5@emory.edu)

##### Center for Drug Discovery

Program Coordinator: *Barbara Kilbourne, RN, MPH*  
[bkilbou@emory.edu](mailto:bkilbou@emory.edu)

##### Center for Childhood Infections and Vaccines

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##### Children's Center for Neurosciences Research

Program Coordinator: *Tracy Willoughby* [twillo2@emory.edu](mailto:twillo2@emory.edu)

##### Center for Transplantation & Immune-mediated Disorders

Program Coordinator: *Jennifer Villaseñor* [jkenny@emory.edu](mailto:jkenny@emory.edu)

### Georgia Institute of Technology Pediatric Technology Center

#### Main Contacts:

*Chief Scientific Officer:* *M.G. Finn, PhD* [mgfinn@gatech.edu](mailto:mgfinn@gatech.edu)

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*Program and Operations Manager:* *Sheri Russell*

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### Marcus Autism Center

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Atlanta, GA 30329

*Associate Director of*

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*Program Coordinator:*

*Christina Wessels*

[Christina.wessels@choa.org](mailto:Christina.wessels@choa.org)



### Hughes Spalding Hospital

35 Jesse Hill Jr. Drive SE  
Atlanta, GA 30303-3032

*Research Coordinator, Saadia Khizer*

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### Morehouse School of Medicine

*PI: Beatrice Gee, MD, AB, FAAP*

[bgee@msm.edu](mailto:bgee@msm.edu)

*PI: Lily Immergluck, MD, FAAP*

[Limmergluck@msm.edu](mailto:Limmergluck@msm.edu)



### Scottish Rite Hospital\*

1001 Johnson Ferry Road NE  
Atlanta, GA 30342-1605

*Director, Center for Clinical and Translational*

*Research: Cynthia Wetmore, MD, PhD*

[cynthia.wetmore@emory.edu](mailto:cynthia.wetmore@emory.edu)

*Program Coordinator: Kristen Herzegh, BA,*

*MPH* [kcoshau@emory.edu](mailto:kcoshau@emory.edu)

*Manager, SR Campus: Beena Desai*

[Beena.desai@choa.org](mailto:Beena.desai@choa.org)



\*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> )

MONDAYS	TUESDAYS	WEDNESDAYS	THURSDAYS	FRIDAYS	VARIOUS DAYS
<p>Research Operations Council (ROC) meetings: occurs every other week at HSRB, E360. 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></p>		<p>Research Brainstorming Sessions: Help as needed to allow development and exploration of special research topics. For suggested topic nominations, contact <a href="mailto:Stacy.heilman@emory.edu">Stacy.heilman@emory.edu</a></p>		<p>PerCS: 10 AM coffee social every 1<sup>st</sup> and 3<sup>rd</sup> Friday, usually held 3<sup>rd</sup> floor break area, E-CC</p>	<p>Research Advisory Council (RAC) meetings: once monthly; restricted to RAC membership, contact Cynthia Wetmore for inquiries or suggestions <a href="mailto:Cynthia.Wetmore@emory.edu">Cynthia.Wetmore@emory.edu</a></p>
<p>K club: Monthly discussions/lectures for K award training, other grants training/education. Typically 2<sup>nd</sup> Monday, September to May, Contact Stacy Heilman <a href="mailto:Stacy.heilman@emory.edu">Stacy.heilman@emory.edu</a> for more information. <i>Sponsored by Departments of Pediatrics and Medicine and ACTSI and CFAR</i></p>		<p>Research Grand Rounds: 3<sup>rd</sup> Wednesday of month, Egleston, 7:30 AM</p>		<p>Research Seminars: Fridays (Egleston Classrooms). Contact Barbara Kilbourne for suggestions or needs <a href="mailto:barbara.kilbourne@choa.org">barbara.kilbourne@choa.org</a></p>	<p>Invited speakers through seminar series sponsored by centers; contact Center Directors or Barbara Kilbourne at <a href="mailto:barbara.kilbourne@choa.org">barbara.kilbourne@choa.org</a> if interested in upcoming events. Center Directors are listed on <a href="http://pedsresearch.org">pedsresearch.org</a> website.</p>

# Specialized Research Equipment/Service Cores:

CORE	SCIENTIFIC DIRECTOR	TECHNICAL DIRECTOR/ CONTACT	EQUIPMENT	LOCATION	SERVICES
<a href="#">Animal Physiology Core</a>	Josh Maxwell, PhD <a href="mailto:joshua.t.maxwell@emory.edu">joshua.t.maxwell@emory.edu</a>	Ming Shen <a href="mailto:mshen@emory.edu">mshen@emory.edu</a>	<ul style="list-style-type: none"> <li>• Small animal ventilator</li> <li>• Cautery</li> <li>• Temperature monitoring</li> <li>• Anesthesia system</li> <li>• Dissecting microscope</li> <li>• Visualsonics Vevo 2100 High Frequency Ultrasound*</li> </ul>	Emory-Children's Center, 2 <sup>nd</sup> 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.
<a href="#">Biomarkers Core</a>	Lou Ann Brown, PhD <a href="mailto:lou.ann.brown@emory.edu">lou.ann.brown@emory.edu</a> 404-727-5739	Frank Harris <a href="mailto:fharris@emory.edu">fharris@emory.edu</a>	Agilent gas chromatography/mass spectrometer and Waters high performance HPLC with fluorescence detector	Emory-Children's Center, 3 <sup>rd</sup> 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.
<a href="#">Cardiovascular Imaging Core (CIRC)</a>	Ritu Sachdeva, MD <a href="mailto:sachdevar@kidsheart.com">sachdevar@kidsheart.com</a> 404-785-CIRC	Joan Lipinski, RDCS, RDMS <a href="mailto:joan.Lipinski@choa.org">joan.Lipinski@choa.org</a>	<ul style="list-style-type: none"> <li>-Echocardiograms</li> <li>- Flow Doppler</li> <li>-3-D Imaging</li> <li>-Upright Bicycle</li> <li>-VO2 Analysis</li> <li>-Electrocardiogram</li> <li>-Cardiac MRI</li> </ul>	Outpatient Cardiac Services, 2 <sup>nd</sup> 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.
<a href="#">Flow Cytometry/Cell Sorting</a>	David Archer <a href="mailto:darcher@emory.edu">darcher@emory.edu</a>	Technical Director for Core: Aaron Rae <a href="mailto:aaron.j.rae@emory.edu">aaron.j.rae@emory.edu</a>  Immunology services are overseen by Bridget Neary <a href="mailto:bridget.e.neary@emory.edu">bridget.e.neary@emory.edu</a>	<ul style="list-style-type: none"> <li>• BD FACS Canto II Flow Cytometer - Lab E-362, HSRB</li> <li>• BD LSRII Flow Cytometer - Lab E-362, HSRB</li> <li>• BD LSRII Flow Cytometer - Lab E-362, HSRB</li> <li>• BD FACS Aria II Cell Sorter - Lab E-362A, HSRB</li> <li>• Imagestream X Mark II - Lab E-362, HSRB</li> <li>• Luminex 100 Analyzer - Lab E-362, HSRB</li> <li>• CTL-ImmunoSpot-S6 Micro Analyzer (ELISPOT Reader) - E-480, HSRB</li> </ul>	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 <ul style="list-style-type: none"> <li>• Cell Cycle</li> <li>• Ploidy</li> <li>• Mitochondrial Potential</li> <li>• Apoptosis</li> <li>• PhosFlow</li> <li>• Live/Dead</li> <li>• Cell Proliferation</li> <li>• Oxidative Burst</li> <li>• Cytokine levels in serum and plasma</li> <li>• Gene and protein expression in cells and body fluids</li> </ul>

# Specialized Research Equipment/Service Cores *(continued)*

CORE	SCIENTIFIC DIRECTOR	TECHNICAL DIRECTOR/ CONTACT	EQUIPMENT	LOCATION	SERVICES
<a href="#">Medical Imaging Resources</a>	<p><a href="#">Radiologists</a> at Children's are board certified with additional training in pediatric imaging and are available for consultation upon request.</p> <p>This operation also includes physicists with imaging expertise and other staff experts.</p>		<ul style="list-style-type: none"> <li>• Access to clinical CT (4), PET (1), Bone Densitometry (2), Fluoroscopy (8), Nuclear Medicine (4), Ultrasound (9) and X-ray.</li> <li>• Access to 6 clinical MRI scanners including a 1.0T intraoperative, 1.5T and 3T systems.</li> <li>• Access to 2 fMRI systems.</li> <li>• Sedation Services</li> <li>• Access to radiology investigators specializing in radiology, neuroradiology and interventional radiology.</li> <li>• Access to MRI physicists (3).</li> <li>• Access to research professionals including administrators and research coordinators.</li> <li>• Administrative services including scheduling, archival of images</li> </ul>		<p>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.</p> <p><a href="#">Inpatient Imaging Resources</a></p> <p><a href="#">Outpatient Imaging Resources</a></p>
<a href="#">Biorepository</a>	<p>Cynthia Wetmore, MD, PhD  <a href="mailto:Cynthia.wetmore@emory.edu">Cynthia.wetmore@emory.edu</a></p>	<p>Bradley Hanberry, PhD  <a href="mailto:bradley.hanberry@emory.edu">bradley.hanberry@emory.edu</a></p>	<p>Freezers (-80, LN2)</p>	<p>Health Sciences Research Building, E264</p>	<p>New Biological Samples</p> <ul style="list-style-type: none"> <li>• Collection</li> <li>• Processing</li> <li>• Storage in a variety of storage media and freezers, including liquid nitrogen and -80 degree freezers. Monitoring systems ensure 24/7 specimen integrity.</li> <li>• Distribution - Specimens are tracked electronically via the Nautilus LIMS System.</li> </ul> <p>Samples Available for Withdrawal</p> <ul style="list-style-type: none"> <li>• 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</li> <li>• Blood and urine from living kidney donors and healthy controls with renal diagnoses of rejection, stable function or viremia</li> <li>• Clinical data also can be made available upon request.</li> </ul>



# Partnership Cores

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

# Funding Opportunities:

Funding Opportunity	Funding Limit	Funding Term	Deadline	Eligibility	Post Award Expectations	Additional Information
<b>Friends</b>	\$25,000	12-18 months	Once annually	<ol style="list-style-type: none"> <li>1. Children's professional staff who do not also have a compensated faculty appointment</li> <li>2. Must be for clinical or outcomes research taking place in Children's facilities</li> </ol>	<ol style="list-style-type: none"> <li>1. Must provide annual and final reports.</li> <li>2. Must be willing to present findings to Friends groups, Children's leadership, etc.</li> </ol>	<a href="http://www.pedsresearch.org/research/resources/funding/pilot-grant-programs">http://www.pedsresearch.org/research/resources/funding/pilot-grant-programs</a>
<b>Research Center Pilot Grants (including Emory &amp; GA Tech based centers)</b>	\$50,000 (some GA Tech are \$60K)	12 months	Usually mid-winter; Emory-based are due roughly every other year and GA Tech-based offered every year	<ol style="list-style-type: none"> <li>1. Must include a member of the center and/or member of Children's medical staff</li> <li>2. GA Tech Pediatric Technology Center (PTC)--must also include member of GA Tech faculty</li> </ol>	<ol style="list-style-type: none"> <li>1. Must provide annual report specifying related publications, grant applications submitted and extramural funding received.</li> <li>2. Must apply for extramural funding within one year of project conclusion date.</li> </ol>	<a href="http://www.pedsresearch.org/research/resources/funding/pilot-grant-programs">http://www.pedsresearch.org/research/resources/funding/pilot-grant-programs</a>

# Funding Opportunities (continued):

Funding Opportunity	Funding Limit	Funding Term	Deadline	Eligibility	Post Award Expectations	Additional Information
<b>Quick Wins</b>	varies	12-24 months	ongoing	<ol style="list-style-type: none"> <li>1. Project proposals must be submitted by teams comprised of individuals from each organization, Children’s and Georgia Tech.</li> <li>2. The proposals must address a project that provides an answer to an unmet business or clinical need as identified by a clinician, technologist, or Children’s leader.</li> </ol>	The project must be capable of delivering a workable solution (at minimum a validated “prototype”) into the hands of a clinician or team within 18 months from the receipt of funds and project start.	<a href="https://pediatriconnect.gtri.gatech.edu/grants#link-quick-wins-menu-item">https://pediatriconnect.gtri.gatech.edu/grants#link-quick-wins-menu-item</a>

# Additional Resources:

## Research listserv:

Contact [barbara.kilbourne@choa.org](mailto: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](http://www.pedsresearch.org)

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

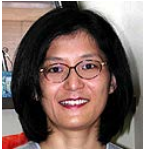


## Emory Library Resources

- <http://www.healthlibrary.emory.edu/>
- Ask a librarian:  
<http://health.library.emory.edu/about/contact/ask.php>

## Scottish Rite and Egleston Library Resources




- [Emily Lawson](#)  
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>
- If you do not have access to Careforce -- use the following link: <https://www.choa.org/medical-professionals/physician-resources/medical-libraries>

# Research Recruitment Update\*:

NAME	PHOTO	CENTER	TITLE	START DATE	RECRUITED FROM	RESEARCH INTERESTS
Jeong Hong, PhD		Center for Cystic Fibrosis and Airways Disease Research (CF-AIR)	Associate Professor	September 2016	University of Alabama in Birmingham (UAB)	A long standing interest of her laboratory has pursued studies of cystic fibrosis (CF). For more than 20 years, she has directed laboratory aspects of a highly collaborative and productive joint CF research program with Dr. Eric Sorscher, former head of the UAB CF Research Center and now a professor at Emory and a member of CF@LANTA . Her group investigates structural and functional aspects of the CFTR gene product in relation to disease associated mutations, with the goal of promoting new 'precision-type' treatments. She has served as a member of the international CF theratyping initiative since its inception in 2014, and developed epithelial cell models encoding clinically relevant CF alleles.
Jennifer Kwong, PhD		Children's Heart Research and Outcomes Center (HeRO)	Assistant Professor	September 2016	Cincinnati Children's Hospital Medical Center	Dr. Kwong studies molecular mechanisms of heart failure, broadly applicable to both children and adults. Many of the metabolic issues do come about during childhood, and she brings a mouse model that does recapitulate a subtype of pediatric dilated cardiomyopathy.
Chris Porter, MD		Aflac Cancer and Blood Disorders Center (Aflac)	Associate Professor	September 2016	Children's Hospital Colorado	My research interests include methods of gene therapy and drug targets for leukemia.

\*Recruits for the past year

# Research Recruitment Update\*:

NAME	PHOTO	CENTER	TITLE	START DATE	RECRUITED FROM	RESEARCH INTERESTS
Robert Schnepf, MD, PhD		Aflac Cancer and Blood Disorders Center (Aflac)	Assistant Professor	September 2016	Children's Hospital of Philadelphia	Defining the Role of LIN28B Signaling in Neuroblastoma
Curtis Henry, PhD		Aflac Cancer and Blood Disorders Center (Aflac)	Assistant Professor	September 2016	University of Colorado, School of Medicine, Biochemistry and Molecular Genetics	Aging is the most important prognostic factor associated with the development of many cancers including leukemias mediated by the oncogene Bcr-Abl. My research focuses on understanding how aging-associated increases in inflammation reduce hematopoietic progenitor cell fitness and subsequently promote leukemogenesis mediated by Bcr-Abl, Ras, and Myc oncoproteins. Findings from these studies will reveal how the expression of an oncogene can correct or circumvent aging-associated defects in hematopoietic progenitor cells leading to the evolution of cancer.
Lindee Morgan, PhD		Marcus Autism Center (MAC)	Assistant Professor	August 2016	Florida State University, Tallahassee	Community implementation

\*Recruits for the past year

# Research Recruitment Update\*:

NAME	PHOTO	CENTER	TITLE	START DATE	RECRUITED FROM	RESEARCH INTERESTS
Michael Siller, PhD		Marcus Autism Center (MAC)	Associate Professor	August 2016	University of California at Los Angeles	My research program investigates the social, emotional, and communicative development of individuals with Autism Spectrum Disorder (ASD) across the lifespan. Before coming to Hunter, my research included a prospective longitudinal study evaluating the development of spoken language in individuals with ASD from preschool to early adulthood (Siller & Sigman, 2002). After joining Hunter in 2007, I published a replication of key findings using an independent sample of preschoolers with ASD followed over 3 years (Siller & Sigman, 2008). Results from both studies reveal that children's rate of language acquisition is independently predicted by baseline measures of (1) children's social comprehension, and (2) responsive parental communication observed during toy play. Based on these early findings, my research has evolved to address three related aims.
Nelson Di Paolo, PhD		Center for Transplantation and Immune-mediated Disorders (CTID)	Assistant Professor Division of Rheumatology, Department of Pediatrics Lowance Center for Human Immunology, Department of Medicine	August 2016	Emory University	Functional activation of IL-1a and other pro-inflammatory cytokines and macrophage function in health and disease.

\*Recruits for the past year