Announcements

**Reminder!** Research Resources 101: “Amazon web services” Thursday 2/15 at noon, SOM 190P. Amazon web services (AWS) is a secure, scalable, and powerful cloud service platform offering compute power, database storage, content delivery, and other functionality. Learn how you can use AWS in your research. Presented by Circe Tsui and Blair Boyd, LITS, Emory University. [Register here](#)

**SBIR 101 Workshop: Understanding, planning & writing.** Thursday 2/22 from 2:00 p.m. - 5:00 p.m. at Georgia Tech, Centergy Building. This workshop will explain how the needs of 11 federal agencies are met through the SBIR and STTR programs and how your company can benefit from this federal funding. The overview will cover the basics of SBIR/STTR programs, including a discussion of the phases of the federal funding program, how the agencies differ and what they are looking for, how to prepare before the agency solicitation comes out, and how to write a competitive proposal. [Read more](#)

**Emory T32DK108735 research training program in Translational GI & Hepatology, call for applications: MD, MD/PhD & PhD Post-Doctoral Fellows.** Deadline: Thursday 3/8. The Translational GI/ Hepatology research training program seeks to recruit and train highly qualified and motivated postdoctoral fellows in Translational Gastroenterology and Hepatology. The training program will emphasize working at the interface between basic biology and translational medicine to fill important gaps in knowledge and therapeutics. [Read more](#)

**Georgia CTSA speed networking: the Opioid Epidemic.** Tuesday 3/13 from 5:00 p.m. - 7:30 p.m., Emory University James B. Williams Medical Education Building. Join researchers from across the Georgia CTSA for an evening of energetic and dynamic
networking. Attendees will participate in a series of short one-on-one meetings with potential collaborators from both clinical and basic science areas. A limited number of virtual networking seats will be available for interested investigators not based in Atlanta. Read more

Did you know? There are new checklists for studies under FDA’s risk evaluation and mitigation strategies (REMS). REMS is a safety strategy to manage a known or potential serious risk associated with a drug or biological product. To help ensure that study teams meet REMS requirements, the IRB has created a checklist located on the New Submission Guidance page of our website under the Drugs, Devices, and other FDA Regulated Products heading. The completed form should be sent to Margaret Huber at mhuber@emory.edu in the Office of Compliance for review of any research study using a drug or biologic that is under an FDA REMS.

Did you know? NIH announces inclusion across the lifespan policy: Last month, NIH announced a revision to a decades-old policy originally conceived in response to concerns that children were not appropriately included in clinical research. These changes broaden the policy to address inclusion of research participants of all ages, and as discussed at the last Advisory Committee to the NIH Director Meeting, will apply beginning in 2019 to all NIH-supported research involving human subjects. Read more

Did you know? The NIH has posted videos from the fall 2017 Navigating NIH Peer Review briefings for applicants seeking Small Business Innovative Research (SBIR) or Small Business Technology Transfer (STTR) grants. Each briefing includes presentations by a CSR official and the NIH official who oversees the respective program. A Q&A session follows. View here

Highlighted Resource

Newly updated! The Department of Medicine PATHS (Professional Advancement Tracks for Health Sciences) were created as a guide for faculty as they navigate through their careers. Divided by career year and mission area, these paths act as guidelines for accomplishments towards promotion. Check out the Research Scientist and Clinical Investigator PATHS to success! Read more

Funding & Award Opportunities
Weekly NIH funding opportunities and notices
Federal funding opportunities for public health faculty
Searchable database of internal medicine funding opportunities

Proof of concept pilot awards for collaborative drug screening for pediatric diseases, Center for Drug Discovery. Deadline: Tuesday 2/20. Pediatric Center for Drug Discovery (CDD) encourages basic and clinical researchers to submit applications that focus on using cell culture disease models for chemical library screening and drug discovery. CDD will provide $15,000 to selected applications proposing cellular phenotypic assays that are proper for the medium-throughput screening of the chemical libraries provided from CDD. Applicants should demonstrate the reliability, simplicity and reproducibility of the phenotypic readouts as well as disease relevance and significance. The long-term goal of this RFA is to enable the researchers to explore the drug discovery pathways for future translational and clinical applications. Read more

2018 ASPIRE US/Canadian sickle cell disease competitive, peer reviewed, research awards program. Deadline: Monday 3/19. The ASPIRE Sickle Cell Disease program offers a new opportunity for researchers in the United States and Canada, underscoring Pfizer’s commitment to supporting investigators with an interest in advancing innovation in Sickle Cell Disease. Read more

Improving sexually transmitted infection screening and treatment among people living with or at risk for HIV. Deadline: Monday 4/2. The purpose of this project is to support a single organization that will work collaboratively with Health Resources and Services
Administration (HRSA) staff to promote clinical service and system-level interventions leading to an increase and/or improvements in the screening and treatment of sexually transmitted infections (STIs) among low-income people living with HIV (PLWH) or at risk for HIV who are served by HRSA’s Ryan White HIV/AIDS Program (RWHAP) and/or Health Center Program. Read more

Pilot and feasibility studies of HIV and animal models for HIV infection within the mission of NIDDK (R21 Trial Optional). Deadline: Monday 5/7. This funding opportunity announcement seeks exploratory and developmental projects that are relevant to Human Immunodeficiency Virus (HIV) infection within the research mission of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). Read more

Congratulatory Corner

Georgia Bio has announced the Georgia Clinical & Translational Science Alliance (Georgia CTSA) as a recipient of its 2018 Deal of the Year Award. The award is one of the 20th annual Georgia Bio Health Impact Awards celebrating the contributions and achievements of Georgia individual and company leaders working to advance the growth of the life sciences industry and foster strategic partnerships that can create a healthier world. Read more

Division Research Seminars

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<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Seminar/Conference</th>
<th>Location</th>
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<tbody>
<tr>
<td>Thursday 2/15 at 8:00 a.m.</td>
<td>Infectious Disease Seminar: “Host-pathogen interaction in HIV and SIV infections” (Guido Silvestri)</td>
<td>Grace Crum Rollins Building, Rita Anne Rollins Room, 8th Floor, SPH</td>
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<td>Thursday 2/15 at 8:00 a.m.</td>
<td>Pulmonary Research Conference: (Bum-Yong Kang)</td>
<td>Whitehead Biomedical Research Building, Conference Room 200</td>
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<td>Friday 2/16 at noon</td>
<td>Cardiovascular Clinical Research Conference: “Novel animal models of PAD” (Luke</td>
<td>Emory University Hospital, Hurst Conference Room, Room</td>
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Brewster) E450

Monday 2/19 at 9:00 a.m.  Cardiovascular Biology Seminar:  Emory University Hospital, Hurst Conference Room, Room E450
(Sandeep Kumar)

Tuesday 2/20 at 5:00 p.m.  Renal Grand Rounds:  School of Medicine, Room 170A
"Hypertension in the elderly"  (Ihab Hajjar)

Recent Notable Publications

Joseph Lutgring (Infectious Disease)
Joseph Lutgring, Maria-Jose Machado, Faiza Benahmed, Patricia Conville, et. al.

Erica Okene (Cardiology), Ankit Parikh (Cardiology), Thor Tejada (Cardiology), Michael Hoskins (Cardiology), Michael Lloyd (Cardiology)
Adrian Lam, Erica Okene, Ankit Parikh, Xiaodong Zhong; et. al.
Mansi Kanhere, Vin Tangpricha (Endocrinology)
Masi Kanhere, Benoit Chassaing, Andrew Gewirtz, Vin Tangpricha.
“Role of vitamin D on gut microbiota in cystic fibrosis.” J Steroid Biochem Mol Biol. 2018 Jan; 175:82-87. Read more

Events

Coulter Commercialization Seminar Series: MedTech Venture Capital Perspective, “Insight into the minds of savvy medtech funders” Tuesday 2/20 at 5:00 p.m., Georgia Tech, Centergy Building, Hodges Room, 3rd floor. (No video conference available) Questions

Highlighted Researcher
What is your professional background?
My career in biomedical research began when I came to the United States from China to pursue my PhD. After receiving my degree, I went on to become a postdoctoral research fellow in cardiovascular biology at Brigham and Women’s Hospital in Boston. This rigorous training period really solidified my desire to understand the fundamental science behind the onset and progression of human cardiovascular diseases.

In what division do you work, and who is your mentor?
I work in the Division of Cardiology. I feel truly fortunate to have been mentored and advised by Dr. Mukesh Jain, a leader and innovator in cardiovascular research.

Briefly describe your research. Why is it important?
Current therapies targeting heart and liver disease remain inadequate. In light of this, significant scientific advances that help answer the question, “What are the root causes that lead to disease development?” are still required to develop more effective treatments. We use cell-based experiments as well as murine models to help decipher the fundamental roles of
cellular matrix-associated proteins and protein phosphatases in cardiovascular and liver biology. Ultimately, our goal is to aid in the rational development of novel pharmacologic therapies against diseases such as aortic aneurysms and peripheral artery disease.

What do you like most about Emory?
I was initially drawn to Emory for its rich intellectual environment and preeminent facilities for basic investigation. Since moving here, I have really been impressed with its highly collegial and welcoming atmosphere. And, of course, coming from Cleveland, I am enjoying the weather.

What do you like to do in your spare time?
In my spare time, I enjoy outdoor activities with my family as well as traveling.

"What's Up" is brought to you by the Emory University Department of Medicine's Research Community.