Announcements

Do you know a faculty member who goes above and beyond in their role? Nominate them for the 2019 Department of Medicine Faculty Awards. The research focused awards are:

1. Outstanding Scientific Citation
2. R. Wayne Alexander Excellence in Research

Submit your nomination

Skills for Health and Research Professionals (SHARP) Training Program: Registration Open!
The SHARP (Skills for Health And Research Professionals) Training Program at Columbia University offers short, intensive boot camps and workshops led by field experts to teach in-demand skills on the hottest topics in research and education. Read more

Need help navigating the Department of Medicine Research Administration Service (RAS) Unit? The DOM RAS Unit has issued a one-page document to assist you in working your way through the grant submission process starting with pre-award. Download PDF
Georgia CTSA. The Georgia Clinical and Translational Science Alliance, a collaboration between Emory University, Morehouse School of Medicine, Georgia Institute of Technology and the University of Georgia, offers various programs to support clinical and translational research, including studio consultations for study design and biostatistics, pilot grants, a health services research symposium, clinical research units, a recruitment center and multiple training programs.  

Funding & Award Opportunities

Weekly NIH funding opportunities and notices
Federal funding opportunities for public health faculty
Searchable database of internal medicine funding opportunities
Improving hepatitis B and C care cascades: Focus on increased testing and diagnosis
**Deadline: Monday, 6/3**
The purpose of the Funding Opportunity Award (FOA) is to increase testing, diagnosis, and linkage to care for HBV and HCV infections among people with infectious disease. Activities will be focused in designated high burden areas within the applicant’s jurisdiction. Services will be provided in high-impact settings in order to effectively reach PWID at increased risk for HBV or HCV infection from non-sterile injection. [Read more](#)

American Thoracic Society (ATS) Foundation/Alpha-1 Foundation research grant
**Deadline: Monday, 6/17 (LOI)**
The focus of this research grant is to fund proposals that have a high likelihood to advance the understanding of Alpha-1. Applications are encouraged from faculty members at any stage of their academic career. [Read more](#)

Global health security partnership engagement: Expanding effort and strategies to protect and improve public health globally
**Deadline: Monday, 6/17**
In partnership with public and private stakeholders, the USG seeks to accelerate progress toward a world safe and secure from infectious disease threats and to promote global health security as an international security priority. [Read more](#)

National Institute on Drug Abuse (NIDA) research education program for clinical researchers and clinicians (R25 clinical trial not allowed)
**Deadline: Friday, 6/21**
The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NIDA R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. [Read more](#)

Mechanistic ancillary studies to ongoing clinical projects (R01 and R21 clinical trial not allowed)
**Deadline: Friday, 7/5 (LOI)**
This FOA solicits applications that propose to conduct time-sensitive mechanistic ancillary studies related to the NIAMS mission in conjunction with privately or publicly funded, ongoing clinical projects. The ongoing “parent” clinical project can be an interventional clinical trial, or a clinical study such as an observational study that will be actively collecting patient samples or clinical data. [R01, R21](#)

Limited competition cohort studies of HIV/AIDS and substance abuse (U01 clinical trial not allowed)
**Deadline: Monday, 7/15**
The purpose of this limited competition FOA is to support the maintenance and expansion of existing NIDA-funded cohorts to continue addressing new emerging and/or high priority research on multidisciplinary aspects of HIV/AIDS and substance abuse in alignment with NIH-HIV research priorities. [Read more](#)
Stony Wold-Herbert Fund's research grant  
**Deadline: Tuesday 10/15** The Stony Wold-Herbert Fund will support grants-in-aid for research, both clinical and basic, in the field of tuberculosis and allied chest diseases. The major emphasis of its research program is the support of investigators of outstanding ability through support of their research work. [Read more](#)

**Congratulatory Corner**

Adam Greenbaum (Cardiology) received funding from Edwards Lifesciences, LLC for a project entitled, “Edwards PASCAL transcatheter valve repair system in tricuspid regurgitation (CLASP TR) early feasibility study, 2018-10.”

Jinhu Wang (Cardiology) received funding for a R01 from the NHLBI for a project entitled, “Characterization of hapln1a positive cells during zebrafish heart regeneration.”

Jennifer Christie (Digestive Diseases) received funding from INC Research, LLC for a project entitled, “A phase 3, randomized, double-blind, active controlled study to compare the efficacy and safety of ridinilazole for 10 days with vancomycin for 10 days in the treatment of *Clostridium difficile* infection.”

Have you or a colleague recently received an award or grant funding?
<table>
<thead>
<tr>
<th>Event Type</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Speaker Name</th>
<th>Presentation Title</th>
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<tbody>
<tr>
<td>Pulmonary Division Research Seminar</td>
<td>Thursday, 5/2</td>
<td>8 a.m.</td>
<td>Whitehead, Conference Room 200</td>
<td>Nicholas Maurice, MD</td>
<td>“Epithelial mitochondrial dysfunction induced by <em>P. aeruginosa</em> and <em>S. pneumoniae</em> lung infection”</td>
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<td>Cardiovascular Biology Seminar</td>
<td>Monday, 5/6</td>
<td>9 a.m.</td>
<td>Emory University Hospital, Hurst Conference Room, E450</td>
<td>Douglas Tilley, PhD, Temple University</td>
<td>“β2-adrenergic receptor signaling critically regulates immune cell responsiveness to cardiac injury”</td>
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<td>Endocrine Conference</td>
<td>Monday, 5/6</td>
<td>5 p.m.</td>
<td>Woodruff Memorial Research Building, Room 317</td>
<td>Maria Socorro Rayas, MD</td>
<td>“Relationship between liver disease and glucose abnormalities in cystic fibrosis”</td>
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<td>Renal Grand Rounds: Kokko Lecture</td>
<td>Tuesday, 5/7</td>
<td>5 p.m.</td>
<td>School of Medicine, Room 110</td>
<td>Paul Welling, MD, University of Maryland Medical School</td>
<td>“The potassium switch - how the kidney adapts to the modern diet at the expense of high blood pressure”</td>
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Recent Notable Publications

Holly Williams (Cardiology)

Imran Iftikhar, Mathew Schimmel, Alejandro Sardi (Pulmonary)

Jason Schneider (General Medicine/Geriatrics)

Clintoria Williams, Monisha Mistry, Aswathy Cheriyan, Jasmine Williams, Meagan Naraine, Carla Ellis, Rickta Mallick, Abinash Mistry, Jennifer Gooch, Hui Cai, Robert Hoover (Renal Medicine)

Would you like to highlight a recent notable publication?
Events

Pediatric Research Alliance: “Tackling endocardial abnormality in congenital heart disease-towards regenerative and precision medicine.”
Friday, 5/3 in Egleston Classroom 5 at noon. The keynote speaker for this event is Mingxia Gu, MD, PhD (Instructor of Pediatrics, Stanford University School of Medicine) Register | Read more

Center for Pediatric Cellular Therapies opening!
Friday, 5/3 at 3 p.m. in the Health Sciences Research Building Auditorium and Café. This new center is to promote research in pediatric cellular therapies. Registration closes Thursday, 5/2. Register | Read more

Family Medicine Residency Research Symposium
Thursday, 5/9 from 8 a.m. to 12 p.m. in the Emory University Hospital Midtown Conference Room. Dr. Anne Gaglioti (Morehouse School of Medicine National Center for Primary Care) will serve as the keynote speaker. Her presentation topic is, “Holding the space between: Connection as the foundation of primary care research and practice.” Register | Read more (PDF)

Reminder: May K-Club: “Best practices in presenting research in different venues and formats”
Monday, 5/13 at noon in Egleston, Classrooms 5-7. This seminar features Ihab Hajjar, MD (Associate Professor, Neurology, Emory University) as the keynote speaker. A light lunch is provided.
Register | Read more

Reminder: 2019 Annual Southeastern Pediatric Research Conference
Monday, 6/10 at the Georgia Aquarium. Early registration ($40) closes Friday, 5/24
Keynote speakers include:
1. **Pieter Dorrestein, PhD** (Professor- Skaggs School of Pharmacy and Pharmaceutical Sciences- Departments of Pharmacology and Pediatrics, Director, Collaborative Mass Spectrometry Innovation Center, Co-Director, Institute for Metabolomics Medicine, University of California at San Diego.)

2. **Jessica Prenni, PhD, RD** (Associate Professor, Department of Horticulture and Landscape Architecture, Faculty Advisor Proteomics and Metabolomics Facility)

3. **Jessica Alvarez, PhD** (Assistant Professor of Medicine, Division of Endocrinology, Metabolism & Lipids, Emory University School of Medicine)

4. **Dean Jones, PhD** (Professor of Medicine, Professor of Biochemistry, Director, clinical biomarkers lab- Emory University)

5. **Marvin Whiteley, PhD** (Professor, Biological Sciences Georgia Institute of Technology, Bennie H & Nelson D. Abell Chair in Molecular and Cellular Biology, Georgia Research Alliance Eminent Scholar, Associate Director, CF-AIR Center

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**Highlighted Researcher**

**George Beck, Jr., PhD**

Division of Endocrinology, Metabolism, and Lipids

**What is your professional background?**

I completed my PhD at Temple University School of Medicine in Philadelphia, PA, in molecular biology and genetics. During my final year of graduate school, I received a National Cancer Institute (NCI) Scholars
grant. In 2005, after five years at the NCI in Frederick, MD, I joined Emory as an assistant professor.

In what division do you work, and who is your mentor?  
I am currently an associate professor in the Division of Endocrinology, Metabolism, and Lipids, and a research biologist at the Atlanta Veterans Administration Medical Center. I am affiliated with the Winship Cancer Institute, and I am a member of the Cancer Biology and Nutritional Health Sciences graduate programs. I have been fortunate to have a number of mentors who also became collaborators, including Mark Nanes, Roberto Pacifici, and Neale Weitzmann.

Briefly describe your research. Why is it important?  
I currently have two projects ongoing. The first involves the use of spherical, silica-based nanoparticles as a potential novel treatment of bone disease. Our cell-based studies have determined that these particles are capable of stimulating bone forming osteoblasts while inhibiting bone resorbing osteoclasts resulting in a potential dual therapeutic agent for osteoporosis. A second project investigates the systemic effects of dietary phosphate consumption on health and disease with endpoints including bone disease, cancer, and inflammation. Americans consume excessive amounts of phosphates, which are high in convenience foods, and a better understanding of the physiological consequences of phosphate consumption will provide novel strategies for disease prevention as well as promoting long-term health gains.

What do you like most about Emory?  
Emory has a wide range of biomedical research being performed that I appreciate, and the willingness of those engaged in it to collaborate is impressive.

What is your favorite book, movie, or TV show?  
I have always liked the movie This is Spinal Tap, because instead of stopping at 10 it goes to 11.

What do you like to do in your spare time?  
I seem to spend most of my free time these days helping my two kids (9 & 11) build camps, forts, and bunkers in the woods behind our house. In what time is left, my wife and I try to get out and see live music.

“What’s Up” is brought to you by the Emory University Department of Medicine’s Research Community.

View the DOM Research website here.