Announcements

11th Annual Department of Medicine Research Day

Friday, October 26, 2018 | 8 a.m. - 5 p.m.
* Registration starts at 7:30 a.m.
Cox Hall Ballroom

Keynote Presentation: "Preventing Cancer Recurrence"

Speaker:
Vikas P. Sukhatme, MD, ScD
Dean, Emory University School of Medicine

Interested in being a poster judge for 2018 Research Day? There are poster judging sessions available for the AM session, the PM session, or BOTH. Click here to sign up! This is a great opportunity to gain experience in judging quality abstracts. Vikas P. Sukhatme, MD, ScD, Dean of Emory University School of Medicine, will present “Preventing cancer recurrence” as the keynote speaker.

Congratulations to the DOM faculty members chosen for Woodruff Health Sciences Synergy awards! These four awardees served as investigators on three selected proposals. Funded by the Office of the Executive Vice President for Health Affairs, with support from the Robert W. Woodruff Health Sciences Center Fund, Inc., these awards offer up to $100,000 in support for an award term of one year, with potential carryover to a second year.

- Faisal M. Merchant, MD (Cardiology)
- Neal Dickert, Jr., PhD (Cardiology)
- **Timothy D. Read**, PhD (Infectious Diseases)
- **Jennifer Christie**, MD (Digestive Diseases)

**i2b2 available for special population study feasibility**

i2b2 is an easy-to-use website to query Emory Healthcare and Morehouse Healthcare electronic health record data for patient counts and aggregate information operated by the Georgia Clinical & Translational Science Alliance (Georgia CTSA). Read more

**Call for abstracts: 31st annual Morehouse School of Medicine Curtis L. Parker Student Research Symposium**

**Deadline: Monday, 10/29** The symposium will take place on Wednesday, 2/13 in the National Center for Primary Care. During the event, research data are presented by MSM postdoctoral fellows, medical and graduate students, as well as undergraduate students in the Atlanta University Center, and colleges and universities across Georgia. Submit your abstract here.

For any upcoming proposals in the next 90 days or other pre-award queries, DOM faculty are reminded to contact the DOM RAS pre-award team at the following monitored email.

**Highlighted Resource**

The Hitchhiker’s Guide to Research Compliance

The purpose of this how-to guide is to help you quickly and easily navigate the regulatory requirements in the correct order without the agony of missing an important step. Read more

**Funding & Award Opportunities**
Alliance for Academic Internal Medicine (AAIM) innovation grants
Deadline: Friday, 10/19 (LOI) The purpose of this funding opportunity award is to award an incentive or novel approach that addresses an existing or emerging problem that impacts multiple AAIM associations. Read more

Modeling HIV neuropathology using microglia from human iPSC and cerebral organoids (R01 clinical trial not allowed)
Deadline: Tuesday, 12/18 This FOA invites research grant applications to study the cellular and molecular mechanisms delineating the neuropathophysiology of HIV-associated neurological disorders (HAND) in the setting of long-term combination antiretroviral therapy (cART) conditions using induced microglia and cerebral organoids generated from patient derived induced pluripotent stem cell (iPSC) lines. Read more

American Society of Nephrology- Career development awards
Deadline: Wednesday, 12/5 The ASN Foundation for Kidney Research (ASN Foundation) Career Development Grants Program provides funding for young faculty to foster evolution to an independent research career and a successful, competitive application for a National Institutes of Health (NIH) R01 grant or equivalent. Read more

Pragmatic research in healthcare settings to improve Diabetes and obesity prevention and care (R18 and R34 available- clinical trial required)
Deadline: Thursday, 11/1 The purpose of this FOA is to seek research applications that test
innovative approaches to improve diabetes and obesity prevention and/or treatment in healthcare settings where individuals receive their medical care.\textsuperscript{R18, R34}

**Improving smoking cessation interventions among people living with HIV (R01 and R21 available- clinical trial optional)**  
**Deadline: Tuesday, 1/8/19** The purpose of this FOA is to provide support for research designed to optimize smoking cessation treatment among people living with HIV (PLWH) in the United States (U.S.). Responsive applications must propose research that will be conducted with PLWH and will inform efforts to reduce the incidence of tobacco-related disease and death among PLWH. \textsuperscript{R01, R21}

**Health care disparities research award**  
**Deadline: Monday, 1/28/19** The purpose of this award is to assist in the development of young faculty members engaged in disparities research in digestive diseases. [Read more](#)

**Michelson prizes**  
**Deadline: Monday, 2/4/19** The Michelson Prizes are scientific awards of $150,000 given annually to young investigators who are applying disruptive research concepts and inventive processes to advance vaccine and immunotherapy research for major global diseases. [Read more](#)

**Congratulatory Corner**

Heba Iskandar (Digestive Diseases) received funding from Boehringer Ingelheim Pharmaceuticals Inc for a project entitled, “A phase II/III randomized, double-blind, placebo-controlled, multicenter study to evaluate the safety and efficacy of BI 655130 induction
therapy in patients with moderate-to-severely active ulcerative colitis who have failed previous biologics therapy.”

**Madeleine Hackney (General Medicine/Geriatrics)** received funding from the National Science Foundation for a project entitled, “Collaborative research: Driving changes in human gait through human-human and human-robot interactions at the hands.”

**Michael Hoskins (Cardiology)** received funding from St. Jude Medical for a project entitled, “FLExAbility sensor enabled substrate targeted ablation for the reduction of VT (LESS-VT) study.”

**Michael Burke (Cardiology)** received the Jay N. Cohn New Investigator Basic Science award at the 22nd Annual Scientific Meeting of the Heart Failure Society of America.

Have you or a colleague recently received an award or grant funding?

Let us know

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### Division Research Seminars

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<tr>
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<th>Time</th>
<th>Location</th>
<th>Seminar Title</th>
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<tr>
<td>Thursday, 9/27</td>
<td>8 a.m.</td>
<td>Grace Crum Rollins Building, Rita Anne Rollins Room, 8th Floor, SPH</td>
<td><strong>Infectious Diseases Seminar:</strong> “Single cell analyses of Human B cell responses” (Jens Wrammert, PhD)</td>
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<td>Thursday, 9/27</td>
<td>8 a.m.</td>
<td>Whitehead, Conference Room 200</td>
<td><strong>Pulmonary Division Research Seminar:</strong> “Innate immune regulation of lung injury, repair &amp; senescence” (Patty Lee, MD, Yale School of Medicine)</td>
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<td>Friday, 9/28</td>
<td>Noon</td>
<td>Emory University Hospital, Hurst Conference Room, E450</td>
<td><strong>Clinical Cardiovascular Research Conference:</strong> “Hormones, lipids &amp; CVD in women” (Gina Lundberg, MD)</td>
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<tr>
<td>Monday, 10/1</td>
<td>9 a.m.</td>
<td>Emory University Hospital, Hurst Conference Room, E450</td>
<td><strong>Cardiovascular Biology Seminar:</strong> “Cardiovascular Functional Genomics in Mice and Humans” (Jonathan Smith, PhD, Cleveland Clinic Lerner College of Medicine)</td>
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Russell Kempker, Michelle Kagei, David Holland, Henry Blumberg, Susan Ray, Marcos Schechter (Infectious Diseases)

Saiprakash Venkateshiah, Nancy Collop (Pulmonary)
Venkateshiah SB, Hogue R, Collop N. “Legal aspects of sleep medicine in the 21st century.” *Chest.* 2018 Sep;154(3):691-698. Read more

Kerrie May, Marcin Grabowicz (Infectious Diseases)
May KL, Grabowicz M. “The bacterial outer membrane is an evolving antibiotic barrier.” *Proc Natl Acad Sci U S A.* 2018 Sep 4;115(36):8852-8854. Read more

Ayman Samman-Tahhan, Andrew McCue, Vasiliki Georgiopoulou, Alanna Morris (Cardiology)

Carlos del Rio (Infectious Diseases)
Events

Pediatric Research Alliance CCTR Seminar: “Rationale, design, update, and lessons learned from the NHLBI-sponsored kids-DOTT multinational RCT.”
Wednesday, 10/10 at 9 a.m. in the HSRB auditorium. Neil Goldenberg, MD, PhD Professor of Pediatrics & Medicine Johns Hopkins Univ School of Medicine, Director of Research Johns Hopkins All Children’s Hospital, Chief Research Officer, All Children’s Research Institute, Director Thrombosis Program, JHAC Cancer and Blood Disorder Institute, Director Stroke Program, JHAC Institute for Brain Protection Sciences presents this special seminar. Read more (PDF)

Center for Childhood Infections and Vaccines presents the 3rd annual symposium
Wednesday, 10/17 at 1 p.m. in the Health Sciences Research Building Auditorium. This special event features a keynote address entitled, “The game of hopscotch: Common to plasmids, antibiotic resistance, and kids.” from Latania K. Logan, MD, MSC from Rush University. This symposium includes other oral presentations as well as a poster session at the end of the day. Read more (PDF)

Register Now for the Georgia CTSA Science conference
Thursday, 2/28/2019 - Friday, 3/1/2019 at Callaway Resort and Gardens. This event will bring together researchers from across the state to present the best new clinical and translational research and provide opportunities to build collaborative partnerships. Register | Read more (PDF)

Highlighted Researcher
What is your professional background?
I am a junior at The Westminster Schools in Atlanta, and a Duke TiP scholar in Biological and Chemical Sciences. I was also one of three students in Dr. Kasia Kaufman’s Research Methods: Biology Lab Internship, where we recreated Bargmann et al’s chemotaxis experiment working exclusively with *C. elegans*.

In what division do you work, and who is your mentor?
I was chosen for the Cardiology Research Internship in the Division of Cardiology under the tutelage of Dr. Kathy Griendling. I had the opportunity to work with each of the researchers in Dr. Griendling’s lab, including Elizabeth Faidley, Drs. Bernard Lassegue, Marina Sorrentino-Hernandes, Steven Forrester, Elena Dolmatova, and, of course, Kathy Griendling.

Briefly describe your research. Why is it important?
My own personal project, completed with the help of Elizabeth Faidley and Dr. Steven Forrester, was to determine the part of the Poldip2 gene that codes for the localization of the protein by tagging the different constructs with GFP and staining the nucleus, cytoskeleton, and mitochondria. In the course of this project, I applied numerous lab skills, such as Western blots, Bradford assays, transfections, sterile technique, pipetting, and cell culture. The pictures of the cells that expressed the different constructs showed that most of the constructs had localized to the mitochondria, except for one which did not contain the mitochondrial targeting peptide; however, we also noticed a change in the morphology of the mitochondria. Considering all of this protein’s functions in the mitochondria, further exploration of how this protein impacts the mitochondria could lead to new discoveries about the way the powerhouse of the cell operates.

What did you like most about your time at Emory, and how did it inspire you toward your future goals?
My time at Emory has been very fulfilling, and I have learned a lot about what it means to be a researcher and the many skills it takes to be one, which makes me eager to start a career in science and, particularly, research. My favorite thing about my time at Emory was how open
and helpful everyone was by taking time out of their days to explain everything to me and answering my endless questions about anything and everything.

**What is your favorite book, movie, or TV show?**

My favorite TV show is *Parks and Recreation*, because I think it is the funniest show ever.

**What do you like to do in your spare time?**

After school, I love to run on the trail at Westminster, listen to music, go to concerts, and hang out with my friends at spots around town.

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

View the DOM Research website [here](#)