



## Emory and Atlanta

The Emory campus is located six miles northeast of downtown Atlanta. The ninth largest U.S. metropolitan area, Atlanta is home to state government, regional centers of the U.S. government, and numerous corporations and organizations like the American Cancer Society, the U.S. Centers for Disease Control and Prevention, the King Center, The Carter Center, CNN and Coca-Cola. It is also a major center for higher education, which includes Emory, the Georgia Institute of Technology, Georgia State University and 16 other colleges and universities.

## Here's what past participants have said:



“... a very helpful and motivating experience for prospective researchers.”



“... transformed my perception of myself as a scientist.”



“It honestly gave me confidence in myself as a scientist that I had never felt before.”

“It felt like each student, undergraduate and graduate alike, was an individual that Emory truly cared about and not a number.”

# EMORY UNIVERSITY – Laney Graduate School STEM Research and Career Symposium September 18 – 20, 2016 Emory Conference Center



In collaboration with Emory College, Emory School of Medicine – Office of Postdoctoral Education, Rollins School of Public Health and the Emory University Office of the Provost.

Participants include the Graduate Division of Biological and Biomedical Sciences, the MD/PhD Medical Scientist Training Program, Public Health Sciences and the graduate programs of Chemistry, Mathematics and Computer Science, Nursing, Physics and Psychology.



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### Laney Graduate School – Diversity in Action

Dr. Edward Morgan, Chair  
Molecular and Systems Pharmacology,  
Graduate Division of Biological and Biomedical Sciences

Dr. James Kindt, Co-Chair  
Chemistry

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Laney Graduate School  
Diversity in Action



# The symposium brings undergraduates, graduate students and faculty advisors to Emory for presentations, networking, mentoring, and recruitment.

Convened and organized by Laney Graduate School, the goal of the symposium is to bring faculty advisors and their students to the Emory campus for two days of shared research presentations and for networking, mentoring, and recruitment. Participants will include outstanding undergraduates intending to pursue the PhD or MD/PhD degree and graduate students seeking postdoctoral opportunities. Faculty Advisors are also encouraged to attend and learn about the opportunities Emory offers.

Students are required to submit abstracts of their research for review by a selection committee of Emory training faculty from science, technology, engineering and mathematics (STEM)-related programs, including those doctoral programs that align with the MD/PhD program. Ten students will be selected to give oral presentations and all others will present their research in a poster session.

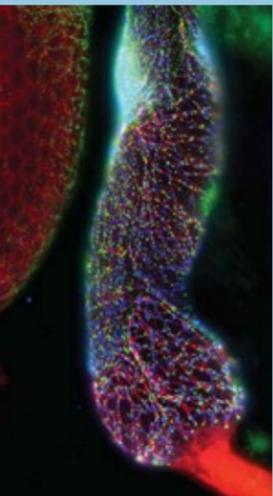
There will be ample opportunity to meet with faculty and students of the participating programs, including training grant programs. Breakout sessions will cover topics relevant to students at this stage of their career and advisors of such students.

Trainees from diverse backgrounds (to include ethnicity, race, economic status, disability, educational experience, first generation status, and in some cases, gender) can apply for diversity travel awards that will provide for travel and housing for the student and possibly her/his advisor.

A wide breadth of abstract categories are covered, including:

- Biochemistry
- Biomedical Engineering
- Biostatistics
- Cell Biology
- Cancer Biology
- Chemistry
- Developmental Biology
- Environmental Health and Sciences
- Epidemiology
- Genetics
- Immunology
- Materials Science
- Mathematics and Computer Science
- Microbiology
- Neuroscience
- Nutrition
- Pharmacology
- Physics and Astronomy
- Physiology
- Population Biology, Ecology and Evolution
- Psychology and Behavioral Sciences

We encourage underrepresented minority students, students with disabilities, and economically disadvantaged students who are pursuing a career in STEM disciplines to apply.



## Schedule at a Glance

- Sunday, September 18** Welcome Reception
- Monday, September 19** Keynote Remarks by Dr. Chad Jackson  
Student Oral Presentations  
Poster Sessions  
Small Group Discussion in Area of Interest  
Dinner with Keynote Remarks by Dr. Michael L. Lomax  
Bowling and Billiards (Social Event)
- Tuesday, September 20** Professional Development Breakout Sessions  
Campus Tours  
Round Table Discussions with Emory Faculty for Advisors

## Keynote Speakers



**Chad R. Jackson, PhD** is a 2014-2016 AAAS Science and Technology Policy Fellow. He is at the U.S. Department of State serving as a Science Policy Advisor in the Office of the Science and Technology Adviser to the Secretary of State. His position stands at the intersection of science and international affairs, working within a wide range of U.S. and international partners to scan the horizon for emerging-transformational technologies and entrepreneurs/innovators that are likely to have significant effects on political and economic landscapes. Dr. Jackson has a wide range of scientific interests that include neuroscience, molecular and cellular biology, robotics, and smart cities technology to name a few. Dr. Jackson's main goal is to make sure that science and technology are at the forefront of addressing the world's most critical problems. Dr. Jackson obtained a BA in Biochemistry in 2002 from Earlham College in Richmond, IN and a PhD in Molecular and Systems Pharmacology from Emory University in Atlanta, GA in 2010.



**Michael L. Lomax, PhD** is President and Chief Executive Officer of the United Negro College Fund, the nation's largest private provider of scholarships and educational support to African Americans. Under his leadership, UNCF has raised \$2.3 billion, helping more than 92,000 students earn college degrees and launch careers. Annually, UNCF's work enables 60,000 students to go to college with UNCF scholarships and attend its 37 member historically black colleges and universities. Before coming to UNCF, Lomax was president of Dillard University and a literature professor at Morehouse and Spelman Colleges. He serves on the boards of Teach For America and the KIPP Foundation. He founded the National Black Arts Festival. Dr. Lomax received his PhD in American and African-American literature from Emory in 1984.

## Apply to Attend



- Visit [gs.emory.edu/STEM](http://gs.emory.edu/STEM) to apply
- You will be asked to submit an abstract, CV and one recommendation from a program or research advisor
- **The primary application deadline is May 1, 2016.**
- The second application deadline is August 1, 2016.  
This date is exclusively available to students who are starting their first research experience during the summer of 2016. The date is meant to give these students an opportunity to apply after their initial research experience.