

## EXECUTIVE COMMITTEE

**Duane Jackson**, PhD, Morehouse College; **Ward G. Kirlin**, PhD, Morehouse School of Medicine; **Mark Lee**, PhD, Spelman College; **Joann Powell**, PhD, Clark Atlanta University; **Tiffany Oliver**, PhD, Spelman College; **FIRST Fellow Representative(s)**

## EMORY RESEARCH FACULTY

*SOM: School of Medicine*

*ECAS: Emory College of Arts and Science*

*SPH: School of Public Health*

**Francisco J. Alvarez**, PhD, SOM; **Jessica Alvarez**, PhD, SOM; **David R. Archer**, PhD, SOM; **Gary Bassell**, PhD, SOM; **Lawrence Boise**, PhD, SOM; **Jeremy Boss**, PhD, SOM; **Berry Brosi**, PhD, ECAS; **Lou Ann S. Brown**, PhD, SOM; **Bethany Caruso**, PhD, SPH; **Tamara Caspary**, PhD, SOM; **Luisa Cervantes-Barragan**, PhD, SOM; **Ann Chahroudi**, MD, PhD, SOM; **David J Civitello**, PhD, ECAS; **Thomas F. Clasen**, PhD, ECAS; **Graeme L. Conn**, PhD, SOM; **Karen Conneely**, PhD, SOM; **Anita H. Corbett**, PhD, ECAS; **Victor Corces**, PhD, SOM; **Huw M.L. Davies**, PhD, ECAS; **Paul A. Dawson**, PhD, SOM; **Jacobus C. de Roode**, PhD, ECAS; **Roger Deal**, PhD, ECAS; **Christine M. Dunham**, PhD, SOM; **Arthur W. English**, PhD, SOM; **Andrew P. Escayg**, PhD, SOM; **Victor Faundez**, MD, PhD, SOM; **Yue Feng**, PhD, SOM; **Laura Finzi**, PhD, ECAS; **Matthew Charles Freeman**, PhD, MPH, SPH, SOM; **Nicole Marie Gerardo**, PhD, ECAS; **Homa Ghalei**, PhD, SOM; **Melissa Gilbert-Ross**, PhD, SOM; **Thomas R. Gillespie**, PhD, ECAS; **Joanna B. Goldberg**, PhD, SOM; **Shannon Gourley**, PhD, SOM; **Marcin Grabowicz**, PhD, SOM; **Arash Grakoui**, PhD, SOM; **David M. Guidot**, MD, SOM; **Randy A. Hall**, PhD, SOM; **Karmella Haynes**, PhD, Emory/GA Tech; **Jennifer Heemstra**, PhD, ECAS; **Curtis Henry**, PhD, SOM; **Ellen Hess**, PhD, SOM; **Shawn Hochman**, PhD, SOM; **Sumin Kang**, PhD, SOM; **David John Katz**, PhD, SOM; **Melissa Lambeth Kemp**, PhD, Emory/GA Tech; **Uriel Dan Kitron**, PhD, MPH, ECAS; **Michael Koval**, PhD, SOM; **Dorothy A. Lerit**, PhD, SOM; **Elizabeth Leslie**, PhD, SOM; **Karen Levy**, PhD, MPH, SPH, SOM; **Tene T. Lewis**, PhD, SPH; **Lian Li**, PhD, SOM; **Tianquan Lian**, PhD, ECAS; **Bo Liang**, PhD, SOM; **John Lindo**, PhD, ECAS; **Robert C. Liu**,

PhD, ECAS; **David G. Lynn**, PhD, ECAS; **Donna L. Maney**, PhD, ECAS; **Shonna McBride**, PhD, SOM; **Lauren E. McCullough**, PhD, MSPH, SPH; **Andrew H. Miller**, MD, SOM; **Kenneth H. Moberg**, PhD, SOM; **Levi T. Morran**, PhD, ECAS; **Jennifer Mulle**, PhD, SOM; **Andrew S. Neish**, MD, SOM; **Ilya Nemenman**, PhD, ECAS; **Eric A. Ortlund**, PhD, SOM; **Rohan H.C. Palmer**, PhD, ECAS; **Jeanie Park**, PhD, SOM; **Manu O. Platt**, PhD, Emory/GA Tech; **Cassandra Quave**, PhD, SOM; **Renee D. Read**, PhD, SOM; **Leila Rieder**, PhD, ECAS; **Winfield S. Sale**, PhD, SOM; **Jessica McDermott Sales**, PhD, SPH; **Ignacio Sanz**, MD, SOM; **Stephanie L. Sherman**, PhD, SOM; **Alicia Smith**, PhD, SOM; **Yoland Smith**, PhD, SOM; **Samuel J. Sober**, PhD, ECAS; **Jennifer Spangle**, PhD, SOM; **Viola Vaccarino**, MD, PhD, SPH; **Gonzalo M. Vazquez-Prokopec**, PhD, SPH; **Nic Vega**, PhD, ECAS; **Elaine F. Walker**, PhD, ECAS; **David Weinshenker**, PhD, SOM; **Bing Yao**, PhD, SOM; **Samantha Yeligar**, PhD, SOM; **Kathryn Mary Yount**, PhD, SPH; **Chris Yun**, PhD, SOM

## AUC TEACHING FACULTY

**Dolores V. Bradley**, PhD, Spelman College; **Karen Brakke**, PhD, Spelman College; **Tina Chang**, PhD, Morehouse College; **Dwann Davenport**, PhD, Morehouse College; **\*Teaniese Latham Davis**, Morehouse College; **\*Valerie Haftel**, PhD, Morehouse College; **\*Jeffrey Handy**, PhD, Morehouse College; **\*Shani Harris**, PhD, Spelman College; **J. K. Haynes**, PhD, Morehouse College; **\*Triscia Hendrickson**, PhD, Morehouse College; **Lisa Hibbard**, PhD, Spelman College; **\*Jennifer Kovacs**, PhD, Spelman College; **Mark Lee**, PhD, Spelman College; **Mark Maloney**, PhD, Spelman College; **Juana Mendenhall**, PhD, Morehouse College; **\*Kai McCormack**, PhD, Spelman College; **Valerie Odero-Marah**, PhD, Clark Atlanta University; **\*Tiffany Oliver**, PhD, Spelman College; **Aditi Pai**, PhD, Spelman College; **Alexandra Peister**, PhD, Morehouse College; **\*Joann Powell**, PhD, Clark Atlanta University; **Anna Powolny**, PhD, Spelman College; **Wallace Sharif**, PhD, Morehouse College; **\*Lance Shipman-Young**, PhD, Morehouse College; **\*Elethia Tillman**, PhD, Spelman College; **\*Sinead Younge**, PhD, Morehouse College

*\*Former FIRST Fellow*



## **Fellowships in Research and Science Teaching**

### Participating Schools

**Emory University**  
Atlanta, Georgia

**Clark Atlanta University**  
Atlanta, Georgia

**Morehouse College**  
Atlanta, Georgia

**Morehouse School of Medicine**  
Atlanta, Georgia

**Spelman College**  
Atlanta, Georgia

### Co-Director, Professional Development

Lou Ann Brown, PhD  
Emory University School of Medicine

### Co-Director, Research

Anita Corbett, PhD  
Emory College of Arts and Sciences

### Co-Director, Teaching:

Arri Eisen, PhD  
Emory College of Arts and Sciences

*This program funded by the Division of Training,  
Workforce Development and Diversity at  
NIH/NIGMS.*

## **PROGRAM OVERVIEW**

The Fellowships in Research and Science Teaching (FIRST) program combines the faculties of one of the top national research universities and four of the minority servicing institutions in the Atlanta metropolitan area with 5.4 million people to increase the quantity and quality of post-doctoral fellows achieving careers in biological/ biomedical sciences. The program of interdisciplinary research education provides the foundation for investigating cellular and molecular mechanisms and a teaching mentorship that includes instruction in pedagogy, classroom technologies, mentorship of undergraduates, teaching experience, course development and production of web-based courses. The program faculty have the experience and expertise to provide the critical foundation for outstanding postdoctoral professional development. The program faculty are members of 16 biological sciences departments in the 5 schools.

FIRST is one of only a handful of nationally competitive institutional postdoctoral research and education programs funded by the National Institutes of Health. The postdoctoral fellows will spend most of their time and effort in the research laboratory of their chosen research mentor (see Research Faculty). For one semester, FIRST fellows will attend weekly classes in teaching and working in pairs will develop teaching skills and course materials. Then, while working with a teaching mentor, fellows will finally teach an undergraduate science course at one of the Atlanta University Center schools (AUC).

## **ELIGIBILITY**

In order to qualify for this program, postdoctoral fellows:

- ◆ Must have received PhD degree or equivalent.
- ◆ Must show scientific potential.
- ◆ Must show an interest in teaching.
- ◆ Must not have already completed more than 2 years of postdoctoral research.
- ◆ Must be a U.S. citizen or permanent resident.

## **STIPEND**

Each fellow will be supported for a maximum of four years. The fellow will identify a research mentor who agrees to fund the initial year and then the remaining three years will be funded through FIRST. The annual amount of each stipend is based on the recommended stipend levels for individuals receiving support through institutional or individual National Research Service Awards (NRSA).

Health insurance is available for single person coverage with family option for all fellows through Emory as an employee benefit with the University or other contribution.

In addition, an institutional allotment for research and/or teaching supplies is available as well as travel monies for fellows to attend at least one scientific meeting per year.

## **PROFESSIONAL DEVELOPMENT**

*Professional Development Workshops:* Support will be given for fellows to organize as well as attend workshops focused on enhancing their career development. These workshops specialize in career opportunities, resume and grant writing, interviewing techniques, critical thinking, mentoring, etc. Emory University's Office of Postdoctoral Education also offers many career services workshops which the fellows are strongly encouraged to attend.

*Internet Course Development:* FIRST fellows and faculty will attend an intensive full-time, one-week workshop during the summer on the technical and practical production of Web pages for course presentation on the World Wide Web. This course includes three specialists in education, graphic design, and image production.

*Instruction in the Responsible Conduct of Research:* Through the Office of Postdoctoral Education, FIRST fellows will attend a short course, Values in Science: An Introduction to the Responsible Conduct of Research. Case studies are analyzed and on-site visits to research facilities are performed.

*Annual IRACDA Conference:* Each year fellows attend a teaching/research workshop with other similar programs across the country.

## **CONTACT US**

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