



## Message from the Editor

**Maria Longobardi**

Dear All,

Forum on Graduate Students Affairs (FGSA) welcomes you to the APS March Meeting 2015 in San Antonio, Texas. In this special edition of our newsletter you can find special events and sessions designed specifically for graduate students and young researchers.

Don't forget to attend the FGSA activities, especially the FGSA sponsored session on Science and Communication on Tuesday, 3 March 2015 at 11:15 a.m. and the Student Reception on Tuesday, March 3 at 5:30 p.m.

We hope that you will enjoy the meeting and that your interaction with researchers from different communities will stimulate a creative exchange of ideas.

See you in San Antonio!

***Maria Longobardi***

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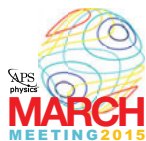
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The APS Forum on Graduate Student Affairs encourages a free exchange of ideas among graduate students and the greater scientific community by providing opportunities for meetings, electronic discussion, and access to a permanent archive of member ideas and programs.

The articles in this issue represent the views of the Forum on Graduate Student Affairs (FGSA) and are not necessarily those of individual FGSA members or the APS.



# Overview on the March Meeting Activities

Valerie Gray, FGSA Chair



Happy New Year! 2015 promises to be an active year for the APS Forum on Graduate Student Affairs.

For the spring of 2015 we have assembled an interesting roster of invited speakers for the FGSA sessions at both the APS March and April meetings. At the APS March meeting we will focus on “Physics Beyond the Lab: Science and Communication” with three invited speakers who will discuss communication with the government, with other scientists, and with the general public. Stay tuned for more information, for example by following the FGSA on Facebook.

## FGSA ACTIVITIES AT MARCH MEETING 2014

### FGSA STUDENT RECEPTION

Tuesday, March 3 • 5:30 p.m.–6:30 p.m.

*Convention Center, Ballroom A*

Students are invited to relax, mingle, and enjoy light refreshments while learning about programs and resources offered by APS and the Forum on Graduate Student Affairs (FGSA). After the reception, stick around for *Club Physics!*

### FGSA SESSION PHYSICS BEYOND THE LAB: SCIENCE & COMMUNICATION

Tuesday, March 3 • 11:15 a.m.

*Mayor Cockrell Room 004*

Chair: Valerie Gray

Invited speakers: Tyler Glembo, Jennifer Ouellette, Katherine Thomas

### PROGRAM:

“**Communication and Politics**” by Dr. Tyler Glembo, *Office of Public Affairs, APS*

“**Communication with the general public**” by Jennifer Ouellette, *science writer*

“**Communication between scientist and editor**” by Dr. Katherine Thomas, *editor of Physics Research Letters*

## OTHER ACTIVITIES AT MARCH MEETING 2015

### APS WELCOME RECEPTION

Monday, March 2 • 6:45 p.m.–8:15 p.m.

*Convention Center, Exhibit Hall C*

### APS PRIZES & AWARDS CEREMONIAL SESSION

Monday, March 2 • 5:45 p.m.–6:45 p.m.

*Convention Center, Mission Room 103B*

### APS MARCH MEETING JOB EXPO

March 3–5, 2015

*Convention Center, Exhibit Hall*

March 3 & March 4 • 10:00 a.m.–5:00 p.m.

March 5 • 10:00 a.m.–3:00 p.m.

Only for registered job seekers.

### UNDERGRADUATE AWARD CEREMONY & CLUB PHYSICS DANCE PARTY

Tuesday, March 3 • 6:30 p.m.–9:30 p.m.

*Convention Center, Ballroom A*

Join us for the fun Club Physics dance party after the awards ceremony featuring a live DJ and nacho bar.

### **CAREERS IN PHYSICS WORKSHOP**

Sunday, March 1 • 4:00 p.m.–7:00 p.m.

*Location* *TBD*

In this informative workshop, career coach and author Peter Fiske will provide advice and strategies for taking your physics job search to the next level. Topics of the workshop will include career planning and self-assessment, networking, resume and CV writing, interviewing and negotiation skills, and more! To reserve your seat, please RSVP to Crystal Bailey ([bailey@aps.org](mailto:bailey@aps.org)).

### **MEET YOUR FUTURE: INDUSTRIAL CAREERS FOR PHYSICISTS AN INTERACTIVE WORKSHOP**

Monday, March 2 • 11:30 a.m.–2:00 p.m.

*Convention Center, Mayor Cockrell Room 004*

In this special lunchtime session, representatives from industry will provide information about physics careers in the private sector. Topics include research opportunities for physicists in industry, strategies for successfully pursuing industrial jobs, and advice on how to thrive in this exciting and challenging work environment.

### **EXPLORING CAREER PATHWAYS: AN INTERACTIVE PANEL DISCUSSION FOR UNDERGRADUATES**

Monday, March 2 • 6:00 p.m.–8:00 p.m.

*Convention Center, Ballroom A*

In this interactive panel, students will have an opportunity to meet working physicists representing a diversity of backgrounds, degrees, and career paths. Light refreshments will be served.

### **GRADUATE STUDENT LUNCH WITH EXPERTS**

Tuesday, March 3 • 12:30 p.m.–2:00 p.m.

*Convention Center, Ballroom A*

Students are invited to meet for an informal conversation with professional physicists while enjoying a boxed lunch. Students must sign up for this event at a table near the registration area to receive a ticket to attend the event.

### **INDUSTRY DAY**

Wednesday, March 4 • All Day

*Various Locations*

The first-ever industry day at the APS March Meeting will focus on the use of polymers in industry and the development of new advanced manufacturing methods, such as 3D-printing. Speakers include industry R&D leaders and senior scientists both academic and industrial labs such as Dow Chemical, IBM, DuPont, ExxonMobile, GE, Boeing, and more.

### **LGBT ROUNDTABLE DISCUSSION**

Wednesday, March 4 • 6:00 p.m.–7:00 p.m.

*Grand Hyatt San Antonio, Room TBD*

### **DIVERSITY NETWORKING RECEPTION**

Wednesday, March 4 • 7:00 p.m.–8:30 p.m.

*Grand Hyatt San Antonio, Room TBD*



# Overview on the March Meeting Activities

cont'd

## FIAP FORUM ON ENTREPRENEURSHIP IN PHYSICS

Thursday, March 5 • 11:15 a.m. – 1:45 p.m.

*Convention Center, Mission Room 103B*

The forum seeks to link successful entrepreneurial physicists with the next generation, through the dissemination of their global expertise and experience. The panel will include several entrepreneurs from companies including Google, Applied Optoelectronics, Creativ MicroTech, and others.

## NEWS FROM FGSA

### WELCOME TO FGSA NEW EXECUTIVE COMMITTEE MEMBERS

FGSA is pleased to announce that we have new executive committee members for 2015: Krista Freeman (chair-elect), Hannah Clevenson (secretary), Joshua Einstein and Danielle Schaper (members-at-large).

### FGSA TRAVEL GRANT

**Proud to be excellent!**

The grant, awarded quarterly, promotes the research of graduate students by covering their travel expenses to attend meetings, conferences, and schools up to \$500. For further information visit: <http://www.aps.org/units/fgsa/activities/travelgrants.cfm>

**For the first quarter of 2015, the travel award winners are:**

**Thomas Baker**

University of California, Irvine

**Joseph Garrett**

University of Maryland, College Park

**Jonathan Pham**

University of Massachusetts, Amherst

**Scott Dietrich**

The City College of New York

**Rachel Mansbach**

University of Illinois, Urbana-Champaign

**Uzsula Szafruga**

The Ohio State University

Jonathan Pham, Scott Dietrich, Rachel Mansbach and Joseph Garrett were awarded for participating at the March Meeting 2015 and they will be recognized at the Student Reception on Tuesday night.

### FGSA-AUTHOREA TRAVEL GRANT FOR EUROPEAN FGSA MEMBERS

This year the FGSA is proud to announce a special travel grant for European FGSA members attending the March Meeting 2015, in San Antonio.

The travel grant is promoted by the FGSA International Student Affairs Officer, Maria Longobardi and sponsored by Authorea\*. The travel grant is aiming to foster the interexchange between the EU and US young members, helping students and postdoc to integrate in the international APS community and to share their different experiences. The travel grant will be recognized at the Student Reception, during the March Meeting 2015. For information on the International Student Affairs activities or to send your suggestions and comments, please contact the [fgsa@aps.org](mailto:fgsa@aps.org) specifying in the subject field "For International Student Affairs".

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