FUTURE OF PHYSICS DAYS

Undergraduate Epitome
Future of Physics Days Events

Undergraduate Student Get-Together
**Sunday, March 4** - 6:30 p.m. - 7:30 p.m. - JW MARRIOTT PLAZA 1-2
Hosted by the Society of Physics Students, the Undergraduate Student Get-Together is an opportunity to network and mingle with fellow APS March undergraduate attendees. Refreshments will be served.

Building Your Undergraduate Physics Career
**Monday, March 5** - 6:00 p.m. - 7:00 p.m. - LACC 153b
In this interactive workshop, students will learn about the key aspects of a successful transition into physics careers, such as planning and self-assessment, informational interviews, effective resume writing, and more. Refreshments will be served.

Graduate School Fair and Undergrad Lounge
**Monday, March 5** - 6:45 p.m. - 8:00 p.m. - LACC WEST HALL A
**Tuesday, March 6** - 10:00 a.m. - 5:00 p.m.
Learn about graduate programs and meet with graduate school representatives. In addition to the grad school fair, the lounge is a great place for undergrads to take a break, grab a snack, and meet other students at the meeting. At 1:00 p.m. on Tuesday, March 6, join us for an informal reception, refreshments, and a prize drawing.

Student Reception and Awards
**Tuesday, March 6** - 5:30 p.m. - 8:00 p.m. - LACC WEST HALL B
Mingle with all of your new March Meeting friends and be sure to stay for the student awards ceremony. All undergraduate presenters will be recognized and prizes will be awarded for outstanding presentations. Refreshments will be served.

Future of Physics Days
Undergraduate Research Sessions

Undergraduate Research I
**Monday, March 5** - 8:00 a.m. - 10:48 a.m. - LACC 153A

Undergraduate Research II
**Monday, March 5** - 11:15 a.m. - 2:15 p.m. - LACC 153A

Undergraduate Research III
**Monday, March 5** - 2:30 p.m. - 4:42 p.m. - LACC 153A

Undergraduate Research IV
**Tuesday, March 6** - 8:00 a.m. - 11:00 a.m. - LACC 153A

Poster Session
**Tuesday, March 6** - 2:00 p.m. - 5:00 p.m. - LACC WEST HALL A

Tips for a Successful March Meeting Presentation
- Visit the speaker ready room - LACC West Lobby
- Post your poster before the poster session starts - thumbtacks are available nearby
- Questions can seem daunting - but remember, physicists are just curious about your work and want to know more
- Talk about your research - rather than reading your poster or slide
- Relax - you’re the expert on your project!
## Future of Physics Days: APS March Meeting 2018 Event Schedule for Undergraduates

### Sunday, March 4, 2018
- **5:00 p.m.** First-Time Attendee Orientation  
  JW Marriott Plaza 1-2
- **6:30 p.m.** Undergraduate Get Together  
  JW Marriott Plaza 1-2

### Monday, March 5, 2018
- **8:00 a.m.** A06 Undergraduate Research  
  LACC 153A
- **A16 History of Soviet Physics**  
  LACC 305
- **11:15 a.m.** B06 Undergraduate Research II  
  LACC 153A
- **B16 Pais Prize Session: Peter Galison**  
  LACC 305
- **12:00 p.m.** B61 Meet Your Future: Careers in the Private Sector  
  JW Marriott Platinum DE
- **2:30 p.m.** C06 Undergraduate Research III  
  LACC 153A
- **C25 Outreach Workshop and Discussion**  
  LACC 403B
- **6:00 p.m.** D02 Building Your Undergraduate Physics Career  
  LACC 153B
- **6:45 p.m.** D03 Welcome Reception & Grad School Fair  
  LACC West Hall A

### Tuesday, March 6, 2018
- **8:00 a.m.** E06 Undergraduate Research IV  
  LACC 153A
- **E25 The Author in Dialogue: A. Douglas Stone’s Einstein and the Quantum**  
  LACC 403B
- **E32 Innovative Ideas for Engaging the Public**  
  LACC 408A
- **E43 How to Get a Job: Expanding Career Perspectives for Physicists**  
  LACC 503
- **11:15 a.m.** F02 Public Outreach and Physics History: Exploring physics topics beyond the lab  
  LACC 150B
- **F20 Topics in Physics Education I**  
  LACC 308B
- **F32 FIAP-FPS invited session: Advancing Innovation for Industry and Society**  
  LACC 408A
- **12:30 p.m.** F61 Students Lunch with the Experts  
  LACC West Hall B

### Tuesday, March 6, 2018 (continued)
- **1:00 p.m.** Graduate School Fair Reception  
  LACC West Hall A
- **2:00 p.m.** G60 Poster Session I  
  LACC West Hall A
- **2:30 p.m.** H05 The Legacy of Millie Dresselhaus: Women, Carbon, and Society  
  LACC 152
- **H16 Physics Teaching in Gateway Classes: Global Perspective**  
  LACC 305
- **5:30 p.m.** J02 Student Reception  
  LACC West Hall B

### Wednesday, March 7, 2018
- **8:00 a.m.** K16 Diversity and Inclusion in Graduate Education  
  LACC 305
- **K32 Data Science as the Driving Force for Industrial Physics**  
  LACC 408A
- **11:15 a.m.** L16 Major Physics Organizations and Their Role in the Future of Physics  
  LACC 305
- **L32 Physics That Changed the World**  
  LACC 408A
- **2:30 p.m.** P32 FIAP-AIP Industrial Physics Forum Session  
  LACC 408A
- **P59 Careers in Physics Workshop**  
  LACC Petree Hall D
- **8:00 p.m.** A Staged Reading of the Play: Silent Sky  
  JW Marriott Platinum FG
- **9:00 p.m.** Q65 Rock-n-Roll Physics Sing-along  
  JW Marriott Platinum D

### Thursday, March 8, 2018
- **2:30 p.m.** V32 Joseph F. Keithley and Industrial Physics Awards  
  LACC 408A

### Friday, March 9, 2018
- **8:00 a.m.** X58 Lessons from Biological Soft Materials and Their Applications  
  LACC Petree Hall C
- **11:15 a.m.** Y32 Condensed Matter Experiments on the ISS  
  LACC 408A
Welcome from FGSA and FECS!

APS is an important part of continuing research in the US and the world. As a student, it is necessary to stay involved. The Forum on Graduate Student Affairs is here to represent students’ interests in the APS and nationally while providing ways for students to connect with each other, holding the Canada, America, Mexico (CAM) conference, and awarding quarterly travel grants for graduate students.

Being involved in the APS early in your career offers a chance to make a difference on a larger scale sooner. Get involved early, and learn what APS has to offer.

Josh Einstein-Curtis
2018 FGSA Chair

We are tremendously proud of FECS and its vital contributions to the overall mission of the APS. At the very core of our mission we aim to offer young researchers guidance and support as they move forward in their career. We represent scientists, from undergraduate to junior faculty, and offer the chance to interact through our forum with a broad community of physicists working in academic and non-academic fields. At our sessions and in the corridor, FECS will have representatives with signup sheets if you are interested in joining us.

This year, FECS is hosting two sessions at March Meeting:

- **Data Science as the Driving Force for Industrial Physics** – Wednesday, March 7, 8:00 a.m.
- **Condensed Matter Experiments on the ISS** – Friday, March 9, 11:15 a.m.

Jason S. Gardner
2018 FECS Chair-elect

Resources

**APS Job Center**
careers.aps.org
Hundreds of jobs for physicists, including internships! APS and SPS are partners in the AIP Career Network, a collection of online job sites for scientists, engineers, and computing professionals

**APS Professional Guidebook**
aps.org/careers/guidance/development/
Step-by-step professional development advice, with webinar clips to get you started

**SPS Careers Toolbox**
spsnational.org/careerstoolbox
Professional development tools to help undergrads prepare for success in the workforce

**SPS Internships**
spsnational.org/programs/internships
Spend the summer in Washington, D.C. working in scientific research, policy, education, or outreach

**GradSchoolShopper.Com (GSS)**
gradschoolshopper.com
Free online and print comprehensive directory of U.S. and international graduate programs in the physical sciences

**Physicist Profiles**
aps.org/careers/physicists/profiles/
Personal stories of physicists in the workforce - from entrepreneurs to educators to researchers
Meet the Future of Physics Days Team

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Flag any of us down to answer questions or just say hi!