

## Graduate School Fair

Come to the Graduate School Fair in Exhibit Hall A of the Convention Center to meet with graduate school recruiters and enjoy some free snacks!

## Grad Fair Schedule

Monday, March 4, 6:45 - 8:00 p.m.

Tuesday, March 5, 10:00 a.m. - 5:00 p.m.

Tuesday, March 5, Grad Fair Reception: 1:00 - 2:00 p.m.

## Participating Schools

Boston University  
Clark University  
Emory University  
Florida International University  
Georgia Tech  
Montana Tech  
Ohio University  
Rochester Institute of Technology  
Rutgers University - Newark  
Seton Hall University  
Texas Tech University  
The University of Chicago  
The University of Chicago -  
Institute for Molecular Engineering

The University of Texas at  
San Antonio  
University of Akron  
University of California, Merced  
University of Central Florida  
University of Connecticut  
University of Illinois at Urbana-  
Champaign  
University of Maryland, College Park  
University of Massachusetts Lowell  
University of Southern California -  
Viterbi School of Engineering  
University of Wisconsin-Madison  
Washington University in St. Louis  
Yale University



## Other Career Resources for Students

### APS Careers Website

A portal to physics career resources. Learn what career paths are possible and how to start making your career dreams a reality.  
[aps.org/careers](https://aps.org/careers)

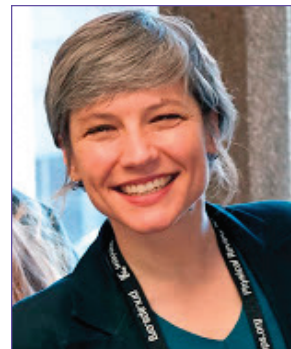
### The Vector

A monthly email for undergraduates which highlights career resources and professional development topics, and includes information on internships, jobs, and scholarships.  
[aps.org/membership/services/vector.cfm](https://aps.org/membership/services/vector.cfm)

### SPS Careers Toolbox

A comprehensive resource from SPS on how to plan and prepare for future careers at the BS level and beyond. Topics include informational interviews, networking, and more.  
[spsnational.org/sites/all/careerstoobox](https://spsnational.org/sites/all/careerstoobox)

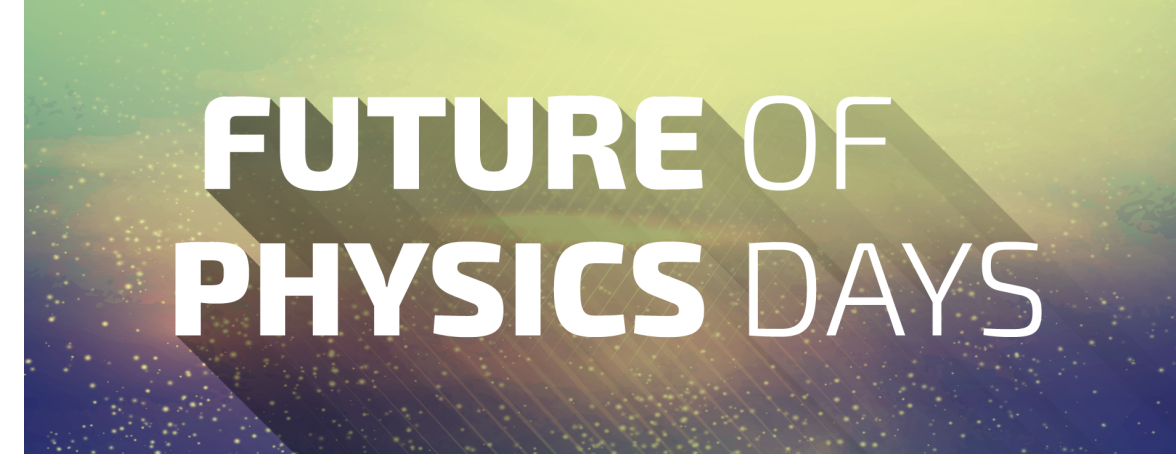
We hope that you enjoy the 2019 Future of Physics Days Events at the APS March Meeting!



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## Undergrad Epitome





## Schedule

### Sunday, March 3, 2019

6:30 p.m.	<b>Undergraduate Student Get-Together</b>	WESTIN BOSTON WATER-FRONT, COMMONWEALTH A/B
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### Monday, March 4, 2019

8:00 a.m.	<b>A21: Big Data in Physics</b>	BCEC 157B
	<b>A67: Undergraduate Research I</b>	BCEC 50
	<b>A69: The Author in Dialogue: David Kaiser's "How the Hippies Saved Physics"</b>	BCEC 52A
11:15 a.m.	<b>B67: Undergraduate Research II</b>	BCEC 50
	<b>B69: The Role of Physics Departments in Educating Teachers</b>	BCEC 52A
11:45 a.m.	<b>B80: Meet Your Future: An Interactive Panel on Industry Careers</b>	WESTIN GRAND BALLROOM B
2:30 p.m.	<b>C60: Life, the Universe, and Everything: Teaching Biology to Physicists and Physics to Biologists</b>	BCEC 258A
	<b>C67: Undergraduate Research III</b>	BCEC 50
6:00 p.m.	<b>D70: Building Your Undergraduate Physics Career</b>	BCEC 51
6:45 p.m.	<b>D71: Welcome Reception &amp; Grad Fair Opening</b>	EXHIBIT HALL A
7:30 p.m.	<b>D51: Enabling Quantum Leaps: National Quantum Initiative</b>	BCEC 253A

### Tuesday, March 5, 2019

8:00 a.m.	<b>E60: Sharing Science: How to Communicate with the Public</b>	BCEC 258A
	<b>E67: Undergraduate Research IV</b>	BCEC 50
	<b>E68: Undergraduate Research V</b>	BCEC 51
10:00 a.m.	<b>Graduate School Fair and Undergraduate Lounge</b>	EXHIBIT HALL A, GRAD SCHOOL FAIR AREA
11:15 a.m.	<b>F67: Undergraduate Research VI</b>	BCEC 50
	<b>F68: Undergraduate Research VII</b>	BCEC 51
	<b>F69: How Physicists Communicate</b>	BCEC 52A
1:00 p.m.	<b>Graduate School Fair Reception</b>	BCEC EXHIBIT HALL A, GRAD SCHOOL FAIR AREA
2:00 p.m.	<b>G70: Undergraduate Research Poster Session</b>	BCEC EXHIBIT HALL A
2:30 p.m.	<b>H34: Five Decades of Physics at ExxonMobil Corporate Strategic Research</b>	BCEC 205A
	<b>H60: Jonathan Reichert and Barbara Wolff-Reichert Award for Excellence in Advanced Laboratory Instruction</b>	BCEC 258A
5:30 p.m.	<b>J73: Student Reception</b>	BCEC BALLROOM EAST/WEST
7:00 p.m.	<b>Undergraduate Research Awards</b>	BCEC BALLROOM EAST/WEST

### Wednesday, March 6, 2019

8:00 a.m.	<b>K34: Future of Physics and Evolving Careers of Physicists</b>	BCEC 205A
	<b>K69: Committee on Minorities Invited Symposium</b>	BCEC 52A
11:15 a.m.	<b>L34: Future of Transportation</b>	BCEC 205A
	<b>L36: Physics of Natural Phenomena</b>	BCEC 205C
	<b>L60: Launching a Successful Career as a Physicist</b>	BCEC 258A
2:30 p.m.	<b>P00: Kavli Symposium</b>	BCEC BALLROOM EAST/WEST
	<b>P62: Physics of Planetary Interiors: Modeling Planets from Atomic to Global Scale</b>	BCEC 258C
4:00 p.m.	<b>Q80: LGBTQ+ Roundtable Discussion</b>	WESTIN BOSTON WATER-FRONT, STONE
7:00 p.m.	<b>Q85: Imaginative Performances: Quantum Voyages and the History of Physics in 13 Songs</b>	WESTIN BOSTON WATER-FRONT, COMMONWEALTH A/B
9:00 p.m.	<b>Q86: Rock-n-Roll Physics Singalong</b>	WESTIN BOSTON WATERFRONT, MARINA BALLROOM I-II

### Thursday, March 7, 2019

8:00 a.m.	<b>R34: Live Long and Prosper as Physicist, Innovator, and Entrepreneur</b>	BCEC 205A
	<b>R51: Artificial Intelligence, Data, and Dynamics: Learning Physical Models of Living Systems</b>	BCEC 253A
11:15 a.m.	<b>S34: Adventures of Entrepreneurial Physicists</b>	BCEC 205A
	<b>S64: Robophysics: Robotics Meets Physics I</b>	BCEC 259B
2:30 p.m.	<b>V69: Careers in Physics Workshop</b>	BCEC 052A
	<b>V34: Innovations from Industry</b>	BCEC 205A
	<b>V60: The Future of US Nuclear Forces: What Do We Need?</b>	BCEC 258A
5:45 p.m.	<b>W70: Nobel Prize Session</b>	BCEC BALLROOM EAST/WEST

### Friday, March 8, 2019

8:00 a.m.	<b>X60: The Politics of Science Advertising</b>	BCEC 258A
11:15 a.m.	<b>Y60: Iran, North Korea, and Nuclear Proliferation</b>	BCEC 258A
	<b>Y61: Multiphase Physics: Soft Matter Research at the Interface of Industrial and Academic Interests</b>	BCEC 258B
	<b>Y65: Biological Navigation and Orientation</b>	BCEC 260

All locations are at the Boston Convention and Exhibition Center, unless otherwise noted.

## Events

### Sunday, March 3

#### Undergraduate Student Get-Together

6:30 - 7:30 p.m. - WESTIN BOSTON WATERFRONT, COMMONWEALTH A/B  
Hosted by the Society of Physics Students, this is an opportunity to informally meet fellow APS March undergraduate attendees and learn more about the conference from the undergraduate perspective. Refreshments will be served.

### Monday, March 4

#### Undergraduate Research I - III

8:00 a.m. - 5:00 p.m. - BCEC ROOM 50

#### Building Your Undergraduate Physics Career

6:00 - 7:00 p.m. - BCEC ROOM 51  
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.

### Tuesday, March 5

#### Undergraduate Research Sessions IV - VII

8:00 a.m. - 1:15 p.m. - BCEC ROOMS 50 - 51

#### Graduate School Fair & Undergraduate Lounge

10:00 a.m. - 5:00 p.m. - GRAD FAIR AREA IN BCEC EXHIBIT HALL A  
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. **Graduate School Fair Reception with light refreshments runs from 1:00 - 2:00 pm.**

#### Student Reception

5:30 - 9:00 p.m. - BCEC BALLROOM EAST/WEST  
Join this fun reception where we recognize students who presented at the March Meeting in the Undergraduate Research Sessions. Students with outstanding presentations will also receive a special prize.

## Other Career Related Events

#### Meet Your Future: Careers in the Private Sector

**Monday, March 4 - 11:45 a.m. - 2:15 p.m.** - WESTIN GRAND BALLROOM B  
Join a special lunchtime session in which representatives from industry will briefly describe their career paths and answer questions about physics careers in the private sector.

#### Careers in Physics Workshop

**Thursday, March 7 - 2:30 - 5:30 p.m.** - BCEC ROOM 052A  
Celebrated career coach and author Peter Fiske provides advice and strategies for taking your physics job search to the next level. Don't miss this great opportunity to get some help with taking your next steps.