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# Physics Digest

News, info, and updates for Ph.D. students in Physics at UW–Madison

December 11th, 2020

## Announcements

### Congrats Physics Graduates!

#### Degree Reminders for Graduating Students

The [warrant request](#) form should be completed at least 3 weeks in advance of your Ph.D. defense date. The Office of the Registrar also has posted [helpful FAQ's](#) about the degree and diploma cover for those students who are graduating or have recently graduated.

#### Campus spaces available for studying

If you need a quiet place to study during the last week of classes and finals week, there is a [directory of on-campus spaces](#) and other [campus spaces](#) including libraries, Memorial Union, and Union South.

#### International Student Reminder

Please carefully review the [Spring 2021 Enrollment & Winter Travel Guidance](#) announcement on the ISS website. If you have not already done so, please submit your [Spring 2021 Enrollment Plan in Terra Dotta](#).

#### Spring 2021 Course - Research Mentor Training Practicum (INTEGSCI 660, 1 credit)

Practicum course for graduate, post-doctoral or senior undergraduate students to be taken concurrently while mentoring an undergraduate engaged in an independent research experience.

#### Nominations to the Edward A. Bouchet Graduate Honors Society

*Deadline: January 31, 2021*

The purpose of the Edward A. Bouchet Graduate Honor Society is to recognize outstanding scholarly achievement and promote diversity and excellence in doctoral education and the professoriate. All PhD students who reach dissertator status before the start of the Spring 2021 semester and postdoctoral researchers can apply.

**Call for Nominations** - Awards for Mentoring Undergraduates in Research, Scholarly and Creative Activities *Deadline: December 11th, 2020*

## Upcoming Events

### Department of Physics Event Calendar

See the departmental events calendar to be sure you don't miss any of the upcoming seminars, workshops, or journal clubs, workshops!

### Student Affairs: Campus Happenings

See the UW Student Affairs news website and scroll to the "current happenings" listing each week.

### UW-Madison Winter Commencement

*Date: December 13th, 2020 (Online)*

Everything you should know about the changes to the commencement related events scheduled for December.

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## Professional Development

The following items are event highlights from the UW-Madison Graduate School Office of Professional Development:

### 3 Skills Every PhD Should Have When They Graduate

*Date: December 11th, 2020; 11:00 AM CST (Online)*

L. Maren Wood, PhD (Founder of Beyond the Professoriate) leads this webinar exploring the steps grad students should be taking to gain the skills non-academic employers are looking for in candidates.

### Pandemic Perspectives: Looking Good on that Zoom Call - Personal Appearance During a Quarantine

*Date: December 15th, 2020; 3:00–4:00 PM CST (Online)*

A public event presented by the National Museum of American History featuring a panel of curators and historians.

### Doing Public History During Dual Pandemics, for UW-Madison graduate students

*Date: December 15th, 2020; 4:00–4:30 PM CST (Online)*

Dr. Moten will share how they pivoted and responded to the COVID-19 pandemic and recommitted to racial justice.

### 2020 Lessons Learned (And Ways to Prepare for 2021)

*Date: December 18th, 2020; 11:00 AM CST (Online)*

A panel of experts will examine how 2020 shaped job searching and professional development and identify strategies and skills that helped job seekers on the market this year.

### Registration open for the UW Madison Teaching Academy's Winter LEaP

*Date: January 11-12th, 2021; 9:00 - 11:30 AM*

If you are able to attend the entire synchronous times, register [HERE](#). If you are unable to register at the above link, registration is full. You may add yourself to the wait list [HERE](#).

### Winter Professional Development Challenge

*Date: January 1–31, 2021 (Online)*

Complete at least five activities in January to earn a limited-edition long sleeve shirt while investing in yourself at the same time! Professional development activities on a variety of topics will be revealed on the Winter Professional Development Challenge webpage beginning on the January 1 launch date. Stay tuned...

#### **Work-Life Integration and Priority Management**

*Date: starting January 11th, 2021; 4:00 PM (30-minute meetings), Monday every other week*

This group will jump-start the Spring 2021 semester by exploring strategies for work-life integration and priority management.

#### **Prelim Preparation**

*Date: starting January 12th, 2021; 4:00 PM (30-minute meetings), Tuesday every other week,*

Students in this group are preparing for prelims and will share preparation strategies and progress toward goals. Although exams can be very different across graduate programs, what we'll likely have in common is a desire to be organized, reduce stress, and share accomplishments.

#### **Job Market Preparation**

*Date: starting January 13th, 2021; 4:00 PM (30-minute meetings), Wednesday every other week*

Find community among graduate students who are in various stages of job market preparation and share tips, tricks, and the journey with one another.

#### **Virtual Coworking Space (Virtual Coffee Shop)**

*Date: starting January 14th, 2021; 4:00 PM (1-hour meetings), Thursday every week*

Work alongside other grad students in a virtual coffee shop setting. Choose to have your camera on or off as you sip your coffee or tea and take advantage of this great opportunity to work "next to" graduate students from across campus.

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## **Employment Opportunities**

#### **Badger Precollege- summer remote teaching position**

*Deadline: December 20th, 2020*

This summer the [Badger Precollege](#) has a fully remote teaching position open for a Physics Graduate Student interested in teaching elementary and/or middle school students

#### **NADP**

NADP has an opening for 20 hours/week for 6 months to help with motor boxes and sensor repairs. Please contact [Mark Olson](#) if interested.

#### **Public Engagement Programs Manager**

The American Physical Society (APS) is looking for Public Engagement Programs Manager. Please apply [here](#), if interested.

#### **Postdoctoral Appointee Quantum Information Science**

Seeking postdoctoral scholars to join the Simulation & Systems Thrust of the Q-NEXT National Quantum Information Science Research Center at Argonne National Laboratory.

Please contact [Martin Suchara](#) with any questions.

### **Post-doctoral Fellowships in Atomic Physics and Quantum Optics at Ben-Gurion University, Israel**

*Deadline: February 25th, 2021*

Post-doctoral researchers in the field of quantum optics, cold atoms, Bose-Einstein condensation, matter-wave interferometry, atom spectroscopy, magnetometry, and Quantum Physics in general are invited to apply. Students can apply for an International Postdoctoral Fellowships sponsored by the [Zuckerman leadership program](#).

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## **Funding Opportunities**

### **QISE-NET currently accepting applications**

*Deadline: December 15th, 2020*

Graduate students partner with industry or national labs to advance innovative research topics in quantum information science and engineering.

### **2020 Student Research Grant Competition - Research Travel award and Conference Presentation funds.**

*Deadline: December 31st, 2020*

Only students with dissertator status or final-year MFA students are eligible for SRGC awards. We plan to review eligibility criteria after the Fall 2020 application round.

### **Connect with us!**



### **Department of Physics**

1150 University Avenue, Madison, WI 53706

*This newsletter is for Ph.D. students in Physics at UW–Madison; we update the mailing list at the start of each semester. Please contact [phddigest@physics.wisc.edu](mailto:phddigest@physics.wisc.edu) with any questions.*