



# Physics Digest

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

October 16th, 2020

## Announcements

### The First Edition of the Physics PhD Digest E-Newsletter

Welcome to the VERY first edition of the Physics PhD graduate program newsletter, The **Physics Digest**! Instead of sending individual emails every time something comes across our desk, we will compile news, announcements, professional development, employment opportunities and upcoming events in a streamlined email newsletter. We anticipate there will be enough content to send The **Physics Digest** approximately every other week, but we will send them no more than weekly when there are relevant items for you all. Of course, if timely items need to be sent to you before a full version of The **Physics Digest** is ready to go, we will send individual emails, but the hope is to collect everything in one place for you to minimize clutter in your inbox. We'll also be [archiving all the emails](#) on our website. A big thank you to Sarah Perdue, Director of Communications, and Coco Kinzley for all of their help in making this happen and their continued support of this effort. We hope you enjoy the content below!

### Annual Benefits Enrollment Period

Date: September 28–October 23, 2020

Annual Benefits Enrollment is the only time you can make changes to certain benefits without having an eligible life event (for example, marriage, birth, or divorce) or qualifying employment change during the year.

### Our Lab Votes

Catalysts for Science Policy (CaSP) is an organization of graduate students and postdocs interested in promoting science literacy and civic engagement at UW-Madison. They are working on improving voter turnout among STEM students.

### Showcase 2020 Virtual Lunch & Learn series

The webinars are free, and you can sign up for as many as you'd like!

### Ombuds

Ombuds are available to help all employees (and grad students!) that are dealing with work related challenges. It is a safe place where you can seek guidance regarding workplace concerns at any time.

### Join the Chicago Quantum Exchange trainee listserve

If you'd like to receive CQE updates for trainees, such as job seminars or postdoc opportunities, then email [sympa@lists.uchicago.edu](mailto:sympa@lists.uchicago.edu) with the subject: subscribe trainees\_cqe firstname lastname [replace "firstname" and "lastname" with your first and last names, respectively]

### Quantum Economic Development Consortium (QED-C)

The Quantum Economic Development Consortium (QED-C) [quantumconsortium.org](http://quantumconsortium.org) is collecting information from students at member universities who are interested in internships or full-time jobs at QED-C member companies. The information will be shared with members through the QED-C member-only website. If you'd like to have your information made available to companies, please complete this brief survey and upload your resume. Once we have received responses, we will share this with QED-C directly.

## Thesis Defenses

### Circuit Quantum Electrodynamics with Si/SiGe Quantum Dots

Date: Tuesday, October 27th, at 3:00 PM (online)

Nathan Holman, Physics PhD Graduate Student, Mark Eriksson, Faculty Advisor

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## 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!

### UW-Madison Diversity Forum 2020

Date: October 27 - October 28

The 2020 UW-Madison Diversity Forum will be held virtually.

### UW-Madison Showcase 2020 Virtual Lunch & Learn Series: The Role of Race in the Workplace

Date: December 3, 2020; Time: Noon – 1 p.m. (Online)

Binnu Palta Hill, Chief Diversity and Inclusion Officer, Wisconsin School of Business

### UW-Madison Winter Commencement

Date: Sunday, December 13 (virtually)

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:

### Interviewing for Faculty Positions

Wednesday, October 21, 1:30–3:00 PM CT (Online)

### Virtual Trivia Night

Wednesday, October 21, Social Hour: 4:00–5:00 PM CT, Trivia: 5:00–6:00 PM CT (Online)

### What Every STEM PhD Should Know About Working in Industry

Friday, October 23, 11:00 AM CT (Online)

### Exploring and Embracing the Impact of Strong Emotion: A Conversation with Ida Balderrama-Trudell

Thursday, October 29, 11:30 AM–12:30 PM CT (Online)

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## Employment Opportunities

### Research Physicist, Atomic-Molecular-Optical (AMO) Physics

Location: Boulder, CO or Princeton, NJ

Please contact Nick Marozick ([nick.marozick@sri.com](mailto:nick.marozick@sri.com)) for more details.

### Postdoctoral positions

Location: Simons Collaboration on Ultra-Quantum Matter (UQM)

Deadline: November 15, 2020

Applications can be submitted [here](#), and more information can be found [here](#)

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## Funding Opportunities

### Two Sigma Fellowships: Internal Nominations

*Deadline: Friday, October 30th, 2020*

The Department of Physics can nominate 3 PhD students for EACH of the following fellowships: The Two Sigma PhD Fellowship and the Two Sigma Diversity PhD Fellowships. Full details about the fellowships are included below.

- [2021 Two Sigma PhD Fellowship](#)
- [2021 Two Sigma Diversity PhD Fellowship](#)
- [Students Submit Information to Qualtrics Survey](#)
- [Faculty Advisors & Recommenders Submit Letters of Reference to BOX Folder](#)

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

Deadline: December 31, 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.

### 2021 AAAS Mass Media Science and Engineering Fellowship

*Deadline: open through Jan 1*

Get paid to spend the summer as a science journalist in newsrooms across the country. Details about the program and how to apply are available at the link above, but you are welcome to contact former fellow [Sarah Perdue](#) with any questions, to get advice, or for feedback on your application materials.

### NSF Graduate Research Fellowship Program (GRFP) resources available from recent Graduate School workshops

All information regarding the NSF Graduate Research Fellowship Program (GRFP) can be found in the Graduate School KnowledgeBase including workshop materials and recordings

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### 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.*