



# Physics Digest

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

March 26th, 2021

## Announcements

### COVID-19 Vaccination Updates

The following email was sent to all graduate students this week. It details vaccination FAQ, testing site changes, and travel updates.

### Cool Science Images Contest Kicks Off

Students, staff and faculty employ microscopes, telescopes, cameras and scanners to make even parts of the world our eyes can't perceive visible, understandable and often beautiful. To celebrate the exploratory and artistic value of those images and videos, the [11th annual Cool Science Image Contest](#) is soliciting the best visuals from the UW–Madison community.

### Spring 2021 Graduates: Complete These Steps

If you are graduating this Spring, you need to [apply to graduate via MyUW](#) by Friday, April 9 in order to have your name printed in the commencement program. Check the [University Book Store's graduation timeline](#) for information regarding securing a cap and gown for the ceremony. For information regarding financial assistance for your gown rental and other commencement details, visit the [commencement website](#).

### Spring 2021 Drop Deadline Extension

The class drop deadline without dean's approval for Spring 2021 has been extended from Friday, March 26, 2021 to Friday, April 16, 2021. This change will be reflected both on the [Office of the Registrar website](#) and the [Course Search & Enroll website](#).

### Roommate Wanted: Fall 2021-Spring 2022

Seeking a roommate for a furnished 2+1 Apartment in Eagle Heights located in the 100s for the Fall 2021-Spring 2022 academic year. The rent of the apartment is around \$600 with approximately \$20 bills per person. For inquires contact [Utku Saglam](#).

### COVID-19 Stress and Coping Skills

Feeling fatigued as we mark 1 year of the pandemic? Check out this website for useful resources related to the ongoing stress associated with the pandemic.

---

## Thesis Defenses

### Exploring the Use of Signal Envelopes for Neutrino Detection with In-Ice Radio Arrays

*Date: April 1st, 2021; 4:00 PM CST*

Benjamin Hokanson-Fasig (Kael Hanson, Faculty Advisor), Physics PhD Graduate Student, will defend their thesis.

---

## 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.

### TA Chat: Keeping Students Interacting Asynchronously

*Date: April 1st, 2021; 11:00 AM - 12:00 PM CST*

Join the UW-Madison Delta Program to learn tools and strategies that you can use to fold your interpersonal skills, professional skills, and career aspirations into your professional development goals.

### Becoming an Anti-Racist Educator

*Date: April 13th, 20th, & 27th, 2021; 12:00 PM - 1:30 PM*

Join the UW-Madison Delta Program to discuss and crowd-source possible solutions to the challenges of bringing anti-racist teaching into a STEM community and classroom in this three-session workshop.

---

## Professional Development

### Workshop: Completing your Ph.D.

*Date: April 1st, 2021; 12:00 - 1:30 PM CST (Online)*

The Graduate School will be hosting a workshop on the requirements for completing your Ph.D. and depositing your dissertation. This workshop is intended for Ph.D. candidates preparing to graduate in Spring or Summer 2021. To attend, register for the pre-workshop Canvas course [here](#).

### Working Effectively in Teams

*Date: March 29th, 2021; 3:00 - 5:00 PM CST (Online)*

learn how our identities and social styles impact team dynamics, how to avoid common pitfalls that hinder effective teamwork, understand positive and negative conflict, learn basic techniques to navigate difficult situations, and more. Presented by Shalini Nag, PhD. Register [here](#).

### Quantum Ideas Virtual Summer School

*Deadline: April 15th, 2021*

Software-Tailored Architectures for Quantum Codesign (STAQ) at Duke University is hosting an online summer school in the field quantum computing. The summer school will be held from June 7-11, 2021 and student support is funded by NSF. [Registration is required.](#)

### Morgridge Entrepreneurial Bootcamp for Grad Students

*Deadline: May 13th, 2021*

The Morgridge Entrepreneurial Bootcamp for graduate students will be online for 2021. During the weeks of June 7-11 and June 14-18, students will have the opportunity to participate in a daily session from 11:00 a.m. - 12:30 p.m. that will include case analyses, lectures, and class exercises for which there will be readings, class assignments and lively interaction with instructors and classmates. [Sign up here to apply.](#)

### Summer Computational Physics Program: Rensselaer Polytechnic Institute

*Date: June 23rd-July 16th, 2021 (Online)*

Rensselaer Polytechnic Institute will be hosting a boot camp and summer school on computational physics with particular emphasis on applications that require high performance computing. This program will be held entirely online and is open to advanced undergraduates and all levels of graduate students. you can apply for the program [here](#).

### Dissertation Writing Camp

*Date: May 24-28, 2021 (Online)*

Make significant progress on your dissertations by drafting a substantial amount of writing in a structured, collegial virtual environment. Applications are due by Friday, April 9, 2021 and require an advisor endorsement. Visit the [Graduate School Dissertation Help website](#) to apply.

### Graduate Group: Virtual Coworking Space (Virtual Coffee Shop)

*Date: Thursdays; 4:00-5:00 PM CST (Online)*

Work alongside other grad students from across campus in this virtual coffee shop experience.

### Working Effectively in Teams (2-part series)

Learn how our identities and social styles impact team dynamics, how to avoid common pitfalls that hinder effective teamwork, understand positive and negative conflict, learn basic techniques to navigate difficult situations, and more. Presented by Shalini Nag, PhD.

[Session 2: From Conflict to Collaboration in Teams](#)

*Date: March 29th, 2021; 3:00-5:00 PM CST (Online)*

### How Every Graduate Student Can Promote Social Change

*Date: March 31st, 2021; 2:00-3:30 PM CST (Online)*

Workshop attendees will be introduced to a framework that includes activism, organizing, and community-engaged teaching and research, and will leave the event with a more complete understanding of community engagement and a plan to promote social change in their communities.

---

## Employment Opportunities

### Princeton University Data Scientist

Princeton Computer Science is seeking a Data Scientist to work with its world-renowned faculty and students to solve biomedical research questions using novel computational approaches. For questions contact [Ellen DiPippo](#).

### Azimuth Corporation Research Scientist

Azimuth Corporation in Dayton OH is searching for a research scientist to apply machine learning solutions to problems in quantum information science. Please email any questions, or forward a resume to [Dr. Perry Rice](#).

### Zurich Instruments Internship Opportunities

*Date: Summer 2021*

We are happy to share that Zurich Instruments will be offering two internship opportunities exclusively for [CQE students](#) starting summer 2021. You can contact [Maja Lang](#) for more information.

### Chicago Prize Postdoctoral Fellowship in Theoretical Quantum Science, UChicago

*Deadline: July 15th, 2021*

Fellowships are awarded for a duration of two years to outstanding young scientists and engineers, with the possibility of a third-year support. Please submit your application [here](#).

---

## Funding Opportunities

### Holtz Center for Science and Technology (STS)

*Deadline: April 1st, 2021*

The Holtz Center is currently offering STS Mini-Fellowships in the amount of \$2,000 during the fall (2020) and spring (2021) funding cycles, as well as reimbursement grants for virtual conference registration fees. For more information, go [here](#).

### The Office of Science Graduate Student Research (SCGSR)

*Deadline: May 5th, 2021*

The SCGSR program supports supplemental awards to outstanding U.S. graduate students to conduct part of their graduate thesis research at a DOE national laboratory/facility.

### Spring 2021 Student Research Grant Competition awards

*Deadline: June 30th, 2021*

Funding for these awards generously comes from the Vilas Trust. Award levels are \$1,200 to \$1,500 for Research Travel and \$1,200 for Conference Presentation funds. Please apply [here](#).

---

## 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.*