



# Physics Digest

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

March 5th, 2021

## Announcements

### **Effort to diversify QISE: participants needed**

Chicago Quantum Exchange, calling for an open, inclusive, and representative community in quantum science and engineering. If you are interested to join the planning group, [sign up here](#) to help build the fellowship or receive updates.

### **Research Inspired Art Competition w/ Delta Beer Lab**

*Deadline: March 16th, 2021*

The winning design submission will be featured on a new special edition beer label this spring. You can email you questions [here](#).

### **COVID-19 Stress and Coping Skills**

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

### **2021 Mental Health & Wellbeing Summit for UW students**

Join the 2021 Mental Health & Wellbeing Summit, a series of workshops and activities for UW–Madison students to take a break and care for their mental and physical health.

### **Delta Program's TA Teaching and Learning Hours**

*Dates: every Thursday, 2:00pm – 3:00pm*

Are you looking for some support and community this semester as you teach? Each hour opens with a 10-Minute Teaching Tip followed by an organic conversation to address challenges you are facing in your classrooms.

[So you've got TA experience. What do you need to get the job?— Thursday, March 11h, 2021](#)

### **Tax Tips for Graduate Students**

*Date: March 5th, 2021; 9:30 AM-11:30 AM*

The WI Dept of Revenue is hosting a webinar exploring the how-to's of filing Wisconsin state income taxes.

## Thesis Defenses

### Electron-electron interactions in Si/SiGe Quantum Dots

*Date: March 8th, 2021; 2:00 PM*

Ekmel Ercan, Physics PhD Graduate Student, will defend his thesis.

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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!

### Student Affairs: Campus Happenings

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

### UW Science Expeditions

*Deadline: March 8th, 2021*

Madison Science Alliance is delighted to invite you to participate in the 19th Annual UW-Madison Science Expeditions on April 9-11, 2021. To sign-up to lead an Exploration Station, a Science Spectacular, or a Destination for Exploration, [please register by March 8th](#).

### APS March Meeting Job Expo

*Date: March 16th-18th, 2021*

You do not need to be registered for the March Meeting and participation is FREE for job seekers!

Registering for this event does not give you access to the March Meeting. If you wish to attend the scientific sessions, register separately for the meeting on the [website](#).

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## Professional Development

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

### **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.

### **Nonacademic Career Options for STEM PhDs**

*Date: March 12th, 2021; 11:00 AM CST (Online)*

Learn about common STEM careers outside of academia (and their routines and challenges) and how to apply networking strategies to assist in your job search.

### **Unlocking the Power of Public Speaking**

*Date: March 16th, 2021; 1:00–2:00 PM CST (Online)*

Would you like to be more comfortable and effective when speaking in front of an audience?

### **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 1: Fundamentals of Team Dynamics**

*Date: March 22nd, 2021; 3:00–5:00 PM CST (Online)*

#### **Session 2: From Conflict to Collaboration in Teams**

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

### **Creating an Individual Development Plan (IDP)**

*Date: March 25th, 2021; 4:00–5:30 PM CST (Online)*

Creating an IDP encourages you to think about what you need to do next so that you achieve your goals. Learn to define achievable goals, identify resources, and develop strategies for implementing and sustaining your plans.

### **Nonacademic Career Options for Humanities & Social Science PhDs**

*Date: March 26th, 2021; 11:00 AM CST (Online)*

Learn about growing sectors for H and SS PhDs, networking, and common challenges related to the transition to non-academic careers.

### **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.

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## Employment Opportunities

### Visiting Assistant Professor of Physics in Northampton, MA for Smith College

*Deadline: March 15th, 2021*

Submit [application](#) with a cover letter, curriculum vitae, a teaching statement, a research statement, a diversity/inclusion statement, and three confidential letters of recommendation

### 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](#).

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## Funding Opportunities

### Straka Fellowship

*Deadline: March 7th, 2021*

This Fellowship will support a middle-class, middle-income dissertator. One dissertator will be selected for a 12-month fellowship with a \$28,000 stipend, full tuition and segregated fees, and access to health insurance.

### Dickie Fellowship

*Deadline: March 7th, 2021*

This Fellowship will support a UW-Madison graduate student who lived in Sauk County, WI at the time of matriculation at the UW-Madison. One graduate student will be selected for a 9-month fellowship with a \$22,909 stipend, full tuition and segregated fees, and access to health insurance.

### 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](#).

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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.*