June 4th, 2021

Announcements

Prepare Now! Payroll Schedule Change Coming in July
UW System employees, including graduate students, who are paid monthly will move to a biweekly payroll schedule beginning in July 2021. Visit the Single Payroll resources web page for frequently asked questions, budget planning information and updated 2021 payroll schedules. Additional resources include pay date models, guides on updating contributions and withholdings, and a paycheck estimator. If you have automatic payments set up (for example, rent, car loan, utilities, etc.), review your monthly budget and prepare for biweekly paychecks. You may want to adjust your automatic payments to match your biweekly paycheck amounts. The UW System is partnering with UW Credit Union for a Savings & Spending Plan Workshop on Tuesday, June 22, 2021 at 5 PM CST. Finally, the UW System hosted and recorded single payroll virtual town hall meetings, which can be accessed here.

University Health Services (UHS) Summer Offerings
As enrolled students on campus this summer, all MSPQC students are eligible to utilize services provided by UHS. This summer UHS will be offering group counseling with 4 groups emphasizing the graduate student experience: the Graduate Student Support Group, Graduate Women Support Group, Graduate Students of Color Group, and Dissertator Support Group. UHS is also offering a Grad Resilience series, which are 1-hour lunch discussions for graduate students on Tuesdays at noon CST. Sign up for this series here.

COVID-19 Vaccination & Campus Operations Update
The Office of the Chancellor sent out an update this week concerning face mask requirements. See here for further information concerning building access, travel guidelines, and campus policies for COVID-19. As a reminder, University Health Services (UHS) has COVID-19 vaccine appointments available for employees and students. UHS is also now able to offer vaccines to anyone who lives, works or studies in Wisconsin, including friends and family of UW–Madison students and employees. For more information and to schedule a vaccine appointment, click here.

Summer and Fall 2021 Enrollment Happening Now!
Summer 2021 enrollment began on April 5th and Fall 2021 enrollment began on April 12th. The deadline to enroll in Summer 2021 courses is June 18th. If you need to enroll in Physics 990, please review the instructions for adding by course number and the Physics 990 course numbers for Summer 2021 here and Fall 2021 here. The Graduate School maintains a policy page on minimum enrollment requirements. For questions, contact Jackson Kennedy.

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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.

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**Professional Development**

**Quantum Computing Tutorial**
*Date: June 14th - 18th, 2021*
The tutorial is designed to provide hands-on experience programming IBM quantum computers using Qiskit and quantum simulators. Participants will learn the basics of how to formulate and solve quantum chemistry and combinatorial optimization problems using Qiskit. For more information, click here and to register, click here (you will need to enter the following password to register: quantumcomputing2021).

**Summer Teaching Institute at the University of British Columbia**
*Date: June 14th - June 23rd, 2021; 11:00 AM - 7 PM CST*
The CIRTL Summer Institute is an intensive teaching development institute that combines an emphasis on learning evidence and theory-based approaches to teaching and learning with the opportunity to apply those theories in practice. In this institute, grad students and postdocs will gain foundational knowledge in evidence-based teaching and learning theory and apply insights in three mini-teaching sessions using an experiential learning based lesson planning approach. Over the course of 8 days and a mix of synchronous sessions and asynchronous work, you will explore topics like novice/expert learning, evidence-based approaches to goals and objectives, assessment, active learning, and inclusivity.

**Transforming Your Research Into Teaching Short Course**
*Date: Wednesdays, June 16th - July 28th, 2021; 2:00 PM - 3:00 PM CST*
This is a hybrid course focused on learning the skills of course design and developing a college-level course based on the area of your research expertise. In this course, you will be matched with peers across the country who are developing courses in similar areas for peer review and inspiration. You will also have a learning community, either based out of your institution, or a cross-network learning community to have weekly synchronous meetings for discussion of your projects and what you’re learning. The course runs for 6 weeks (with an additional week for project presentations), has one one-hour meeting per week, and
requires around 1.5–2 hours of self-directed video and project development work per week. To register, click here.

**Summer Computational Physics Program: Rensselaer Polytechnic Institute**
*Date: June 23rd - July 16th, 2021*
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.

**UW-Madison Teaching Academy: 2021 TA-LEaP**
*Date: August 25th-26th, 2021*
LEaP into teaching! Learn the basics of how we learn along with the 7 things UW-Madison students want most from their instructors! Explore the basics of syllabus, assignment and rubric design. Discuss assessment and learn the most common mistakes instructors make on exams, and how to avoid them! Learn simple active learning techniques that you can apply in your classroom immediately and start developing materials for your own course while you learn! Become part of a community of practice with colleagues in all disciplines and get connected to other teaching and learning programs across the campus through the Teaching and Learning Collaborative.

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**Employment Opportunities**

**UW-Madison Graduate School: Academic Planning & Curricular Analysis**
The UW-Madison Graduate School is hiring a 50% project assistant to oversee assigned projects related to academic planning which may include policy research and editing, develop methods of curricular analysis related to GSTS; take lead in identifying appropriate methods and overseeing analysis, and lead in archival efforts of academic planning and shared governance documentation. To apply, click here.

**Q-NEXT Quantum Information Science Postdoctoral Appointees**
The Q-NEXT Center will be hosting quantum information science postdoctoral openings with start dates in 2021. The postdoctoral scholars will have the opportunity to work at Argonne National Laboratory on projects of strategic national importance in quantum information science. For questions contact Martin Suchara and to apply, visit here.

**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**

**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.

Useful Links

Dates and Deadlines from the Office of the Registrar

Warrant Request Form

Graduate School Degree Deadlines

Connect with us!

Department of Physics
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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 with any questions.