



The Sentinel: April 12, 2021

News and events happening in the [Computer Science Department](#)

CS Tea Talks - Spring Term:

Tea Talks take place via Zoom on most Thursdays during the academic year. To receive the zoom link signup for the [cs-interest mailinglist](#) then join us **via Zoom 4:00-4:45pm**. Watch for emails from Professor Rafferty highlighting details about our talks and the Zoom link; also check for details on the CS department [website](#)

April 15: CS Tea: Welcome new majors! Come join us if you're a new major or someone who wants to welcome new CS majors! There will be time for questions and discussions. Zoom link is in Professor Rafferty's email.

April 22: CS Tea: Professor Beth Trushkowsky (Harvey Mudd College) will be speaking about her research.

The Computer Science department is hiring Prefects and Course Staff for the 2021-22 academic year.

If you're looking for an exciting and rewarding job, here it is. Positions are now available, and we need your skills and enthusiasm. Here are the job descriptions:

[Course Staff Member](#) or [Prefect](#)

The [application](#) is now open. Deadline is Friday, April 30th, 10:00pm. If you have questions, contact [Mike Tie](#).

Student Programmer Needed: The Physics and Astronomy Department is looking for a student programmer to work on the Carleton Weather Database project this summer. We're looking for someone with a friendly attitude, attention to detail, and an interest in weather, scientific instrumentation, and of course computing. Full job description and contact information is available [here](#).

Carleton has been gathering and sharing weather data since 1881, and these data are the oldest official weather records in the state. Most of the work on this project over the past two decades has been accomplished by students, and we look forward to continuing that tradition. We are looking for a motivated, capable student who is interested in this project.

The [Grace Hopper Celebration of Women in Computing \(GHC\)](#) is an annual meeting that occurs every fall (Sept 26 - Sept 29, 2021). The meeting, including the career fair where many of our students have found internships or jobs in the past, will be happening virtually in 2021. CS Department Asst. Professor Layla Oesper has announced availability of Grace Hopper Conference Scholarships! There are a number of [scholarships](#) for students interested in attending to offset the registration fees that

have an **application date of April 28**. The CS department also has funding available to help students attend the meeting, but to be eligible, you *must* also apply for outside funding. If you are interested in attending GHC this fall, you should complete the following steps:

1. Apply for one of the scholarships available [here](#).
2. You will need a faculty recommendation if you apply for the scholarships listed above. Please talk to any faculty member you plan to ask for a recommendation early (I'd suggest talking with your faculty recommender **before April 14** to give them time to write the letter).
3. Fill out this [form](#) to let Layla Oesper know that you are wanting to go to GHC this fall.

OPPORTUNITIES:

Whether, Why, and How to Get a Ph.D. in Computer Science

Thinking about getting a Ph.D. in Computer Science? Join [MyCSPhd.org](#) for a free online information session about getting a Ph.D. in computer science!

Hear from current Ph.D. students and faculty at leading Ph.D. programs. Get real, honest answers from professors and Ph.D. students from across North America to questions like:

- What is grad school like for Ph.D. students?
- How can I use a Ph.D. to make the world better?
- Am I qualified to get a Ph.D.? Would I do well?
- How would a Ph.D. affect my future job and earnings?
- Do I need a Ph.D. to get the job I want?
- What is a Ph.D. program like? Stressful? Fun? Fulfilling?
- How is getting a Ph.D. different than undergrad?
- What is research? What is doing research like?
- ... or any other question you have!

The sessions will be held on Zoom. Here's the schedule:

Date/Time	Topics (parallel tracks)
April 13, 12:30-1:30 PDT	Ph.D. Student Life
	What is Research?
April 21, 12:00-1:00 PDT	Applying to Ph.D. Programs
	Should I get a Ph.D.?

For more information or to register (it's free), go [here](#).

MyCSPhd.org hosts a variety of other resources about getting a Ph.D. in CS. Prior information sessions are on [YouTube](#).

MyCSPhd.org is part of the [Computer Science Department](#) at [UC San Diego](#), but the information is about getting a Ph.D. in computer science generally. It is applicable to most (or all) Ph.D. programs in North America. Contact swanson@cs.ucsd.edu if you have questions.

Summer REU at East Carolina University:

ECU is hosting an NSF-funded Research Experience for Undergraduates from May 17 to July 26. The topic of the REU is Software and Data Analytics. This is a great opportunity for students interested in research (or think they may be!) but aren't really sure what it entails, or if they would enjoy it, to get hands-on experience. Feel free to contact Mark Hills hillsma@ecu.edu or Dr. Nasseh Tabrizi tabrizim@ecu.edu, PI for the grant for more details. Check [here](#) for student residency and academic requirements. Application deadline is April 15, 2021

Looking for a fun and challenging weekend? **UIOWA Hackathon** is happening online April 17-18, 2021. The event is free, and all college students to participate in this online weekend full of coding, games, and swags. Participating students will compete to win prizes worth more than \$20,000 and will have the opportunity to connect with amazing sponsors including 3M, Collins Aerospace, State Farm, and John Deere.

Date: April 17-18, 2021

Venue: Online

Register at <https://hack.uiowa.edu>

HackDartmouth is back! Despite the challenges of 2020, the HackDartmouth team is gearing up to host a fantastic ~virtual~ hackathon this Spring! **[HackDartmouth Virtual](#)** will be happening virtually on April 16-18th, 2021. You'll have the opportunity to create something cool with a team of hackers. Create something big and also have the chance for swag, and prizes! The sign-up [application](#) is now open. Like years prior, the event features 24 hours of coding, swag, and amazing prizes! Before the event, feel free to check out some of our [past projects](#). Any undergraduate or graduate student may participate. Questions? Email <mailto:questions@hackdartmouth.io>

The **Computer Science Department at the University of Iowa** is proud to announce a new NSF-funded REU site: **[Computing for Health and Well-being](#)**. A ten-week program will run from May 24 to July 30, 2021 in-person (if the pandemic renders an in-person experience infeasible, we will hold the site virtually). We would appreciate your help with sharing this information with undergraduate students. Candidates from populations underrepresented in STEM fields or from academic institutions with limited research opportunities are encouraged to apply as well as students with disabilities.

Applications will be reviewed on a rolling basis until all positions are filled.

If you have any questions or need more information, [please contact Dr. Elizabeth Kleiman at \[uicsreu@gmail.com\]\(mailto:uicsreu@gmail.com\)](#) or [visit our website](#).

Midwest Interdisciplinary Symposium for Scientific Thought (MISST) takes place Saturday, April 24. This symposium, hosted by St. Olaf College faculty and students, will include an undergraduate poster symposium, a faculty keynote speaker, and a graduate school panel. For more information on MISST, please refer to [this link](#). If students are interested in registering, the first step is completing [MISST registration form](#) and we will be in touch shortly. **Registration deadline extended to April 17.** Questions? Contact Jason Engbrecht (engbrech@stolaf.edu) or student coordinator, Lucia Wagner (wagner10@stolaf.edu)

NSF CSGrad4US Graduate Fellowship and CRA Mentoring Program

The recently announced [NSF CISE Graduate Fellowships \(CSGrad4US\)](#) program provides an opportunity for bachelor's degree holders to return to academia and pursue research-based doctoral degrees. The fellowship will provide 3-year fellowship opportunities for new Ph.D. students in the computing disciplines. The CSGrad4US Fellowship recipients will participate in the [CSGrad4US Mentoring Program](#) developed by the Computing Research Association's [Education](#) (CRA-E) and [Widening Participation](#) (CRA-WP) committees.

The goals of the mentoring program are (1) to guide returning students through the application process towards a successful CS Ph.D. admission and school selection and (2) mentor them through the transition to Ph.D. graduate study during the first year. The CSGrad4USCS Mentoring Program will include both a group mentoring component addressing general aspects of the graduate application process and an individual coaching component.

Fellowship Eligibility

CSGrad4US Fellowship applicants must meet the following eligibility criteria:

- Be a U.S. citizen, national, or permanent resident;
- Intend to apply for full-time enrollment in a research-based doctoral degree program in a CISE field (computer science, computer engineering, or information science) no later than Fall 2023;
- Have graduated with a bachelor's degree in a CISE field between July 1, 2016, and June 31, 2019;
- Not be enrolled in a master's or doctoral degree-granting program for a CISE discipline at the time of the application (other than a professional master's degree program); and
- Have never previously accepted a NSF Graduate Research Fellowship.

Applications for the CSGrad4US Graduate Fellowship are due **April 13, 2021** by 5:00 pm submitter local time. Please visit <https://www.nsf.gov/cise/CSGrad4US/> for additional details and deadlines.

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This program applies to alumni who graduated with a bachelor's degree between July 1, 2016, and June 31, 2019

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Read more [here](#).

Reminder - Important Dates

Apr 15: CS Tea – featuring new CS majors, 4:00pm via Zoom

April 22: CS Tea: Professor Beth Trushkowsky, 4:00pm via Zoom