

MSCS



Mess

Department of Mathematics, Statistics, and Computer Science
St. Olaf College, Northfield, MN 55057
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Computer Science Tenure Track Candidates - Research Seminars

In the next few weeks the MSCS department will be hosting CS Tenure Track Candidates. All talks will begin at 3:30 pm and are all in RNS 310. Below are the Research Seminars! **Student attendance is most welcome!**

- Colloquium - Mon. Oct. 31
Research Seminar - Tues. Nov. 1
- Colloquium - Wed. Nov. 2
Research Seminar - Thur. Nov. 3

MSCS Students - St. Olaf Hackathon Volunteer Sign ups

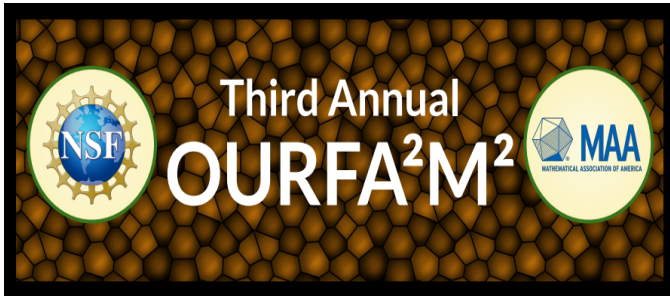
We are looking for volunteers who can help us run a hackathon. Typically a hackathon works to tackle a particular problem, puzzle, or a challenge to create a particular application. OleHacks will be a 36-hour long Hackathon starting on Friday night and ending on Sunday afternoon. We hope to have volunteers with a variety of skill sets which means *you do not need to have the ability to carry out every responsibility written below!* We also welcome volunteers who cannot stay during the entire 36 hours.

Responsibilities of volunteers include:

- Logistics help (Help greeting guests, setting up and cleaning up venue, organizing meal breaks, etc).
- Providing technical mentorship for participants.
- Facilitating group sessions happening during the Hackathon.
- Facilitating game sessions during the Hackathon.
- Helping guest speakers and sponsors set up their presentations.
- Reaching out to potential sponsorships for funding.

Here is one example of a previous [hackathon](#) held at St. Olaf! And here is another example of a previous [hackathon](#)!

Attention Math Majors! Undergraduate Resource Fair - Nov 19th & 20th [Zoom]



You're invited to the **Online Undergraduate Resource Fair for the Advancement and Alliance of Marginalized Mathematicians (OURFA²M²)**, taking place via Zoom November 19th and the 20th.

This conference aims to help students start or develop a math career in research, teaching, or industry. Anyone is welcome to attend, and the event is especially aimed at students from underrepresented and marginalized groups in mathematics.

This conference is for:

- Students at all levels, from pre-calculus up.
- Students who want to learn about career building opportunities.
- Students who want to connect with peers and potential mentors.

This event will also include a crash course of areas of math common to undergraduate research, various programs for undergrads, a resource presentation on mentorship and math organizations, and networking lunches.

Please see more details on their [website](#), and register [here](#)!

Club Feature - *The Sports Analytics Club!*

The Sports Analytics Club looks to apply statistics and data science to the field of sports and provide members with experiences and resources to help them understand sports analytics. This is primarily done by working with St. Olaf sports teams to analyze data to enhance team performance. The club also seeks

to bring in speakers and to advertise conferences where students can learn more about the field and/or present their own research. Anyone is welcome (no prior experience needed), and the club meets every other Sunday at 7pm in Tomson 186. Our next meeting will be 11/6.

CS Undergraduate Research

St. Olaf Computer Science invites applicants for undergraduate research student work during Fall '22 and possibly Spring '23, for work on projects involving cloud computing or Raspberry Pi units, as part of the CSinParallel research group. Specifically, the work relates to:

1. "Runestone Backend", an automated containerized parallel/cluster computations on Google Cloud using Kubernetes, and
2. the Self-Organizing Cluster system for the Raspberry Pi, including system image development.

Qualifications depend on the particular project, as described in the application details. Both are ongoing projects with flexible expectations for hours per week, and strong applicants who may have partial qualifications are encouraged to apply for one or both projects.

Please apply [here](#), applications will be accepted and considered until further notice.

MSCS Students - Summer in Budapest!

Come spend a summer in Budapest to explore the [Hungarian mathematics pedagogy](#), which emphasizes problem solving, mathematical creativity, and communication. [Summer@BSME](#) is a six-week study abroad program designed for undergraduates, recent graduates, and in-service teachers interested in the learning and teaching of secondary mathematics. Participants take mathematics education courses to learn about the Hungarian pedagogy. They also engage in a week-long field experience at a math camp, where they obtain first-hand

experience on how the methods learned in the courses are put into practice. **To learn more about this exciting summer opportunity, visit bsmeducation.com. To learn more generally about studying abroad,**

check your emails for the Smith Center for Global Engagement, that offers more information about programs and funding.

To submit an article, event, or anything else for publication in the Mess, email hilst1@stolaf.edu; to receive the Mess digitally each Friday, email habero1@stolaf.edu; visit <http://wp.stolaf.edu/mcs/mcs-mess/> for a digital archive of previous MSCS Mess issues.

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