

MSCS MESS

Department of Mathematics, Statistics, and Computer Science
St. Olaf College, Northfield, MN 55057
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MSCS Tailgate Extravaganza!!!!

Whom: MSCS Faculty, Speakers, and you!
What: Food, Fun, and Friends
Where: RNS 150 & Outside of RMS
When: Thursday, Oct. 19th | 5:00 p.m.
Why: Why not?

Come hungry and ready for fun! This is a feast of entertainment, information, and awesome food prepared for you by your favorite MSCS faculty members. We'll begin with the "Main Event" at 5:00 PM – short talks with insights into sports using tools from the MSCS disciplines (no sports knowledge assumed!), Cracker Jacks, guest appearances by your favorite MSCS faculty members, and plenty of fun. There could be skits, songs, juggling, dog suits – you just never know. Then join us at 5:50 PM for the Tailgating Meal immediately afterwards – burgers, brats, dogs, and veggie options with all the fixings. Enjoy a plate of food and linger a bit with the pros and friends. Have questions about how Math, Stats, and CS support your own goals? We'll be ready to help.

If you plan to eat dinner, please sign up [here](#) by Friday, October 13



Interim Opportunity

Mathematics Practicum (Math 390), Interim 2018

This is an exciting interim course that gives you the chance to work on real life problems in cooperation with local companies and nonprofit organizations. The entire course is an intense group project. working on a math/stats related problem for the sponsoring organization. Split into three teams of five, each team will work on a different problem. The faculty leaders, Jill Dietz and Paul Roback, will assist, meeting with each group on a daily basis, but will not be actively engaged in the research. Dietz and Roback will help each group develop a professional level final presentation, but the group members will deliver the presentation to client personnel. The course is intended for junior and senior mathematics majors and enrollment is

(cont.) limited to 15. Applications are due Wednesday Oct 25 and are available at <https://goo.gl/forms/YQDyl6bVvhPKyJnD2>.

Actuarial Info Session

Whom: Allianz Life Actuarial
When: Thursday, October 19th |
11:30 am - 12:30 pm
Where: TOH 200

About the event: Allianz Life Insurance Company is a leading provider of retirement solutions, including fixed and variable annuities and life insurance for individuals. A representative from Allianz will be coming to talk about actuarial internship opportunities and answer questions about the actuarial career path. It's going to be informative and fun!

Are you Smart & Slightly Insane?

The *Marketing Architects* firm in Minneapolis is offering two paid analyst intern positions for the summer of 2018. Qualifications include Math, Stat, or Econ major, analytical problem solver, hard worker, insatiable curiosity, and impeccable organization. If this sounds like you, the deadline for applications is Oct. 22, so don't wait! You can find the application on the St. Olaf Handshake platform.

Sustainable Data Science

The *WindLogics* firm in St. Paul is looking for data-science, machine learning, and software interns for the summer of 2018. This is an exciting opportunity to get hands on experience in applied mathematics and computer science. Qualifications include familiarity with statistical/computer programming languages, analytical experience, and excellent communication skills. Applications can be found at <https://career4.successfactors.com/sfcareer/>, search WindLogics, Requisition ID: 12072.

History in Context

On October 15, 1956, the first FORTRAN reference manual was published by IBM in San Jose.

On October 18, 1921, Niels Bohr introduced his quantum model of the atom

Weekly Theorem

Ghost Theorem– Casper is indeed a friendly ghost.

Proof. Casper is a ghost. Most ghosts are spooky and mean, which implies that they follow a paranormal distribution. However, Casper has strayed to far from the mean ghosts, so we may reject the null hypothesis that Casper is mean. Therefore, Casper must be friendly. ■

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

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