

# MSCS Mess

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Department of Mathematics, Statistics, and Computer Science  
St. Olaf College, Northfield, MN 55057

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## Colorado School of Mines

The Applied Mathematics and Statistics (AMS) Department at Colorado School of Mines invites applications from exceptional students with interests in mathematics, statistics, and biology to join their newly formed Mathematical and Statistical Biology research group. The graduate program at Mines prides itself on being highly interdisciplinary with ties to research hospitals, national laboratories, and other universities throughout the region.

Graduate students will have the opportunity to develop and apply new mathematical and statistical methods to real-world problems while working closely with AMS faculty and their experimentalist and clinician collaborators. Research interests of AMS and affiliated faculty include computational neuroscience, physiologically-based modeling of sleep and circadian rhythms, glucose/insulin dynamics, in-host viral dynamics and viral structure, survival analysis, epidemiological sampling design, infectious disease data and disease mapping, and the application of high performance computational tools to simulate biological processes.

Domestic students interested in applying for a Fall enrollment must apply by March 1, International students must apply by February 1. Additional application information is available on their website: <http://ams.mines.edu/ams.php/graduate/Admissions>

## and for Your Reading Pleasure...

### a Stats Joke

Jimmy was getting ride to the store with his friend Carl, who happened to be a statistics major. Everything was going fine until they approached the first intersection and Carl stepped on it. He continued

to accelerate hard through the intersection, and once they had passed through it he slowly came down to a normal speed. Luckily there had been no other cars around. Jimmy was shocked but didn't say anything.

Later they came to a second intersection, this one quite busy, with a stop sign. Jimmy figured Carl would obey the laws of traffic this time, but to his dismay Carl gunned it again and shot through the intersection, barely dodging a truck.

"Carl, what the heck?" Jimmy asked, once they had slowed back down. "Why do you drive like that through intersections?"

To which Carl replied: "Well, statistically speaking, you are far more likely to have an accident at an intersection, so I just make sure that I spend less time there."

### a Quote

"Good mathematics is not about how many answers you know... It's about how you behave when you don't know."

-Unknown

### and a Riddle

I'm easy to give yet few will take,  
I'm shared with a bride and can be seen at a wake,  
I have a monopoly on the young,  
And at times, it's true, I may have stung.

What am I?

*(The answer can be found in the next Mess!)*

*(Last week's answer: "Dozens" and Gold)*

Editor-in-Chief:	Zach Greimann
Faculty:	Joe Benson
Mess Czar:	Patty Martinez

*If you would like to submit an article or event to be published in the MSCS Mess, e-mail [greimann@stolaf.edu](mailto:greimann@stolaf.edu)*