



COLORADO SCHOOL OF MINES

APPLIED MATHEMATICS & STATISTICS (AMS)

E-NEWSLETTER

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AMS NEWSLETTER August 25, 2025

AMS WEEKLY SCHEDULE

Week of August 25 - 29

Wednesday 8/27/25

- Back to School Kickoff – 4–6pm, CoorsTek Atrium
- SWiM Leadership Meeting – 3–4pm, CH143

Friday 8/29/25

- AMS Colloquium – 3–4pm, CH143 with Dr. Nicholas Danes, CSM

Upcoming Events

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- **First TeaTime Monday, September 9th**, 3-4pm, CH156
- Colloquium Friday, September 5th - Professor Samiran Ghosh, UT Health Houston
- Colloquium Friday, September 12th - Professor Adrienne Marshall, CSM
- Colloquium Friday, September 19th - Professor Stephen Becker, CU

GENERAL ANNOUNCEMENTS AND OPPORTUNITIES

AMS Main Office Hours

Fall hours for the AMS main office (Chauvenet Hall, Office 141) are Monday–Friday, 8am–5pm.

Professor Brennan Sprinkle's Work Featured

Quanta Magazine highlighted Professor Sprinkle's work with Dynabead quasicrystals in its August 18, 2025 article, "Quasicrystals Spill Secrets of Their Formation."

<https://www.quantamagazine.org/quasicrystals-spill-secrets-of-their-formation-20250818/>

Internship CDOT

PAID INTERNSHIPS AT CDOT

We have recently posted for **PAID internships in Process Improvement and Change Management** at the Colorado Department of Transportation (CDOT). These collegiate internships are based in Denver at our CDOT Statewide Headquarters building, which is just south of Empower Field at Mile-Hi (the home of the Denver Broncos). And, we also work in a "hybrid" environment, and often are working from home or other similar remote locations.

<https://www.governmentjobs.com/careers/colorado/jobs/5015730/internship-opportunity-process-improvement-and-change-management>

If there are people in your classes (or, other collegians) who you believe would be qualified and interested, please pass along this information and encourage them to apply!

And, our Internships are also open to recent graduates, too: folks who have graduated within the past 3 years.

This Internship posting expires 5 minutes before midnight on Sunday, August 31.

We have some information about our Internship program here, including "success stories" from some of our prior collegiate Interns:

<https://sites.google.com/state.co.us/process-improvement/about-us/internship-program>

We strive to provide high-quality, meaningful experiences for our interns, and we are very proud of their accomplishments. For instance, three of our Interns were named to the national "**2021 Top-100 Interns**" list, as noted in this post on LinkedIn:

www.linkedin.com/posts/garyvansuch_greatinterns-greatstate-colorado-activity-6834347589131915264-V_vD

SEMINARS

AMS Colloquium

AMS Colloquium will be on Friday, August 29, from 3-4pm in Chauvenet Hall 143. This seminar will be open to both graduate and undergraduate students. Dr. Nicholas Danes from Colorado School of Mines will be our guest speaker.

Title:

HPC and other Research Computing Resources at Mines.

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resources through its Research Computing (RC) team, supporting a wide range of scientific and engineering research. Nicholas Danes, Computational Scientist on the RC team, will provide an overview of RC resources available to AMS at Mines.

Topics will include:

- Overview of RC Services, including on-premise and off-premise computing, data storage, and consultations
- Wendian HPC Cluster – Mines' on-campus system for high-throughput computing, ideal for simulation, modeling, and statistical analysis
- NSF ACCESS – Free national-scale computing resources for academic research
- Google Cloud & AWS – Commercial platforms offering scalable, on-demand infrastructure

The session will feature live demos of Wendian and NSF ACCESS systems, along with practical guidance on how to get started and integrate these tools into research workflows.

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Submit your events, announcements, and opportunities for the AMS Newsletter to amsoffice@mines.edu! Submission deadline is Monday morning at 10:00 AM.

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