

## **T@M Weekly: January 15th**



### **T@M Weekly at a Glance**

#### **Teach@Mines News**

- TEA Meeting 1/28 – TEA and Games
- Spring STEM Teaching Electives for CAS/HASS credit!
- Double Your Career Options - Become A Licensed Teacher!

#### **Scholarship Opportunities**

- Reimbursement Available for Praxis Tests
- Leadership & Travel Funds Available for Teach@Mines Students

#### **Volunteer Opportunities**

- Summer Teaching Opportunity

#### **Job Opportunities**

- Colorado Education Recruitment Fair
- T@M Associate Director
- Generation Teach AmeriCorps Summer Teaching Fellowship

#### **Other Opportunities**

- Interested in Helping Inmates in Boulder County Jail in Math and CS?
  - Undergraduate Research Opportunity in Computer Science Education Research
  - CDE and TEACH Colorado Group Advising Sessions
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## **Teach@Mines News**

### **TEA Meeting 1/28 – TEA and Games**

Join the Teacher's Education Alliance at their next meeting on **Tuesday, January 28<sup>th</sup> in CK 370 from 4:00 - 5:00PM**. This is an opportunity for students interested in the education sector to meet like-minded peers by playing board games and having snacks. Students can have discussions around teaching, their experiences in the classroom, and hopes for the future. If you require an accommodation in order to participate in this event, please contact Katrina Ngo at [kngo@mines.edu](mailto:kngo@mines.edu). Advance notice may be necessary to arrange for some accessibility needs.

### **Spring STEM Teaching Electives for CAS/HASS credit!**

Check out teaching by taking a Teach@Mines course in Spring 2025! **Learn more [here](#).**

#### **SCIENTIFIC PRACTICES VS. ENGINEER. DESIGN & THE NATURE OF SCIENCE**

- SCED415/515 - Integrate the nature of science, scientific practices, and engineering design into your teaching.
- CAS/HASS 400-level elective!

#### **MATHEMATICAL PRACTICES & THE SOCIAL CONTEXT OF MATH**

- MAED405/505 - Learn to promote students' math identity and understanding of mathematical practices.
- CAS/HASS 400-level elective!

#### **EDUCATIONAL PSYCHOLOGY AND ASSESSMENT**

- SCED333/533 - Learn about the new science of learning that can be translated into exceptional teaching.
- CAS/HASS 300-level elective!

#### **DYNAMIC TEACHING: Motivation, Classroom Management, Differentiation of Instruction**

- SCED363/563 - Learn to teach in powerful ways that help ensure all students can learn.
- CAS/HASS 300-level elective!

### **Double Your Career Options - Become A Licensed Teacher!**

Teach@Mines offers teacher licensure in Secondary Science (grades 6-12), Secondary Mathematics (grades 6-12), Middle Grades Mathematics (grades 6-8), and K-12 Computer Science. Licensure can be pursued through one of three pathways: by adding our minor, pursuing a Bachelor of Science in Design Engineering with a focus on STEM teaching, or through a Master in STEM Education. **Read more about how you can add a teaching license to your degree [here](#).**

To learn more or to schedule an advising appointment, contact the Teach@Mines team at [teach@mines.edu](mailto:teach@mines.edu).

## **Scholarship Opportunities**

### **Reimbursement Available for Praxis Tests**

The [Praxis](#) Subject Assessment exam is a content area exam accepted for meeting content competency requirements for certain Colorado teaching license endorsements. **If you take a Praxis exam before the end of Spring 2025, Teach@Mines can reimburse you for the cost of your exam!** Praxis exam scores are good indefinitely unless CDE changes the endorsement requirements, so this is the time to take an exam to demonstrate your content knowledge. Learn more about the Praxis exam and endorsements [here](#). If you are interested in taking a Praxis exam, please contact the Teach@Mines team at [teach@mines.edu](mailto:teach@mines.edu).

### **Leadership & Travel Funds Available for Teach@Mines Students**

The Plutt fund was established for the purpose of providing support for leadership and travel funds for exceptional students with demonstrated financial need participating in the University Honors and Scholars Programs. The fund can be awarded in a variety of ways such as, but not limited to:

- Practicum
- Study Abroad
- Engaging in research in science or public affairs
- Public and community service
- Local, national, and international internships
- Immersive workshops, professional development, and training

You must be a Teach@Mines student to be eligible. Please find the application link [here](#). Be sure to indicate that you are applying from the Teach@Mines program.

## **Volunteer Opportunities**

### **Summer Teaching Opportunity**

There is an opportunity to teach STEM topics at a Scout camp east of Castle Rock in Summer 2025. If you are interested in leading STEM instruction in a beautiful outdoor setting, contact Steve Enger to learn more at [engerwork@comcast.net](mailto:engerwork@comcast.net).

## **Job Opportunities**

### **Colorado Education Recruitment Fair**

Save the date for the [Colorado Educator Recruitment Fair \(CERF\)](#) on Saturday, March 1, 2025. CERF is open to all candidates who are eligible for or have a current Colorado Department of Education license or are eligible for alternative licensure. CERF provides candidates with networking opportunities with school districts around Colorado. This fair will also provide candidates the chance to interview in person for teaching or special service provider positions for the upcoming 2025-2026 school year. Some districts may be offering contracts or letters of intent. For more information or to register, click [here](#).

### **T@M Associate Director**

Teach@Mines is accepting applications for an [Associate Director \(Asst. Professor\)](#). We seek to hire a faculty member with proven experience in K-12 and an MS or PhD. Interested applicants should apply online as soon as possible but before February 1, 2025.

### **Generation Teach AmeriCorps Summer Teaching Fellowship**

Do you want a fun, hands-on experience working with students in your community while earning **\$4,800**? If so, the [Generation Teach](#) AmeriCorps Summer Teaching Fellowship is for you. Generation Teach provides high-school and undergraduate students of all majors with high-quality summer experiences.

Selected students will:

- Make a 7-week commitment which includes pre-summer preparation, in-person training, and 24 days of teaching small classes of Denver or Aurora middle-school students
- Plan and deliver daily lessons in engineering, law, math, or reading
- Lead and support student events and activities including small advisory groups, twice weekly Community Meetings, and more!
- Receive daily coaching and feedback from a professional teacher
- Earn \$4,800 (\$3,234.92 in cash and an \$1,565.08 AmeriCorps Education Award)

Upcoming application deadlines are February 15 and March 15. Learn more through this [flier](#) and [video](#). Fellowships fill quickly; apply [here](#)! You must be 17 by April 15 to qualify.

## **Other Opportunities**

### **Interested in Helping Inmates in Boulder County Jail in Math and CS?**

**Applications are open until January 24, 2025.** If you are interested in learning more and applying, email [zhu1@mines.edu](mailto:zhu1@mines.edu) or [jeff.calhoun@colorado.edu](mailto:jeff.calhoun@colorado.edu).

### **Undergraduate Research Opportunity in Computer Science Education Research**

The *Creating Young Innovators* project is seeking two motivated undergraduate students from Colorado School of Mines to join an NSF-funded Research Experience for Undergraduates (REU) program. This collaborative initiative between the University of Colorado Boulder, Colorado School of Mines, and Aurora Public School District focuses on creating meaningful computing experiences for elementary students using the [micro:bit](#). Students will have the opportunity to design their own research projects, exploring the computer science aspects, the educational aspects, or a combination of both. Any student who has completed at least CS128 is eligible to apply. We are looking for students who can commit ~10 hours a week this semester with the opportunity to continue working on this project over the summer and/or during the next academic year. **[Complete this form](#)** to apply and contribute to advancing K-12 computer science education! If you have any questions, please contact Alex Chakarov: [alexandra.chakarov@mines.edu](mailto:alexandra.chakarov@mines.edu).

### **CDE and TEACH Colorado Group Advising Sessions**

The Colorado Department of Education's (CDE) Educator Career Navigation team and TEACH Colorado have partnered to provide regular group advising sessions for future classroom teachers, with some conversations geared toward specific teaching roles and others focused on different areas of the state. Visit the [TEACH Colorado Events webpage](#) for a full schedule of events.