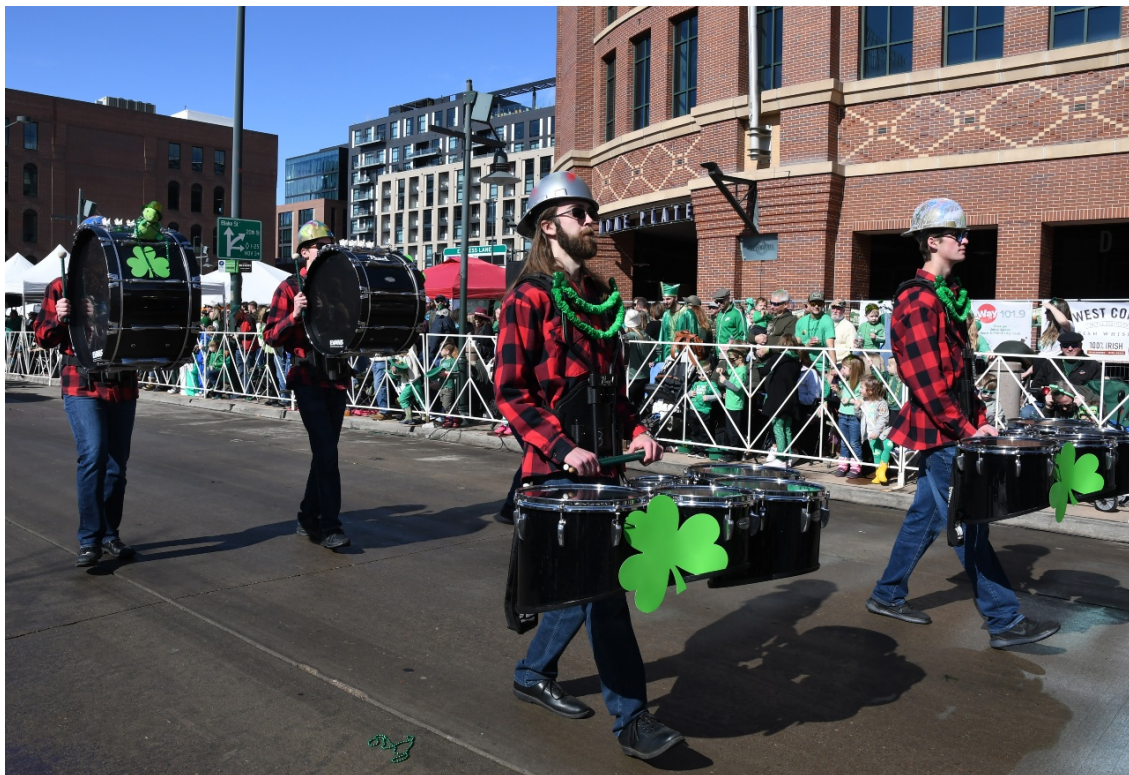


**From:** Colorado School of Mines <communications@mines.edu>  
**Sent:** Monday, March 25, 2024 10:59 AM  
**Subject:** The 150: A Newsletter Celebrating Mines at 150

[View this email in your browser](#)



**The 150: A monthly update on all things Mines at 150**



*For the Mines Marching Band, the beat goes on, even during Spring Break. Our favorite plaid-clad musicians marched in the annual Denver St. Patrick's Day Parade on March 16 – and were voted the top band in the parade. Did you know that Mines' first ad-hoc marching band came together around 1908, made up partially of football players who swapped their pads for instruments for the half-time show? By the 1940s, the Mines Marching Band as we know it today — with its trademark plaid shirts and hard hats – was a regular fixture at campus celebrations.*

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## **Greetings Orediggers!**

President Johnson established the Office of Global Initiatives and Business Development in 2020, and as one of the newest offices at Mines, you may not be fully aware of what we do. The central mission of our team is to support increased prosperity and quality of life through science and engineering. As part of this undertaking, we improved access to a Mines education for a diverse, global student population by implementing online programming.

In addition, we regularly work with government agencies, universities and corporate partners to establish new programs that develop capacity in support of the development goals in a country or region. Currently, we are working on projects in Central Asia, the Middle East, Africa and South America. With Mines' global reputation in earth resources and as an elite energy university, our expertise is often sought to support earth resource development, particularly where those resources are needed to meet energy transition goals.

Our office also oversees the Mines Global Energy Future Initiative (GEFI), which brings together Mines' incredible depth and breadth of energy research and education into an integrated, cross-disciplinary framework. GEFI is designed to enable Mines to have an even greater impact on meeting society's energy goals.

Here are some recent accomplishments:

- Our online master's degree in engineering moved up 28 spots in the 2024 U.S. News & World Report rankings to come in at No. 34 in the U.S.
- Online enrollment is growing at about 25 percent per year, far outpacing national trends.
- We helped launch the School of Mining and Geosciences at Nazerbayev University in Kazakhstan.
- We developed and launched the Global Energy Future Forum, which brings industry leaders together with Mines faculty to discuss challenges and solutions to energy challenges.
- We are assisting the Kingdom of Saudi Arabia in development of its minerals sector, including university transformation and development of centers of excellence throughout Central Asia, the Middle East and Africa.
- We are supporting the GEFI Scholars program, which will combine classroom instruction with professional development opportunities to enable the next generation of energy leaders.

Feel free to drop by our office on the second floor of the Green Center to learn more about what we do!

Regards,  
John Bradford  
Vice President for Global Initiatives

*Celebrate*  
**150 YEARS**  
*with us*

Happening in April  
90th Engineering Days: April 11-13



Celebrate Mines' 150th anniversary with the biggest E-Days schedule yet!

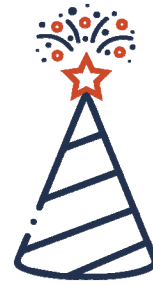
The 90th edition of the signature student experience, set for April 11-13, features a weekend full of events, including all the classics: cardboard boat races, field day, carnival, concerts, comedian and more. Cap the weekend with the famous Mines fireworks show on Saturday night.



Check out the full schedule on the [Mines Activities Council website](#).



MORE  
ANNIVERSARY  
CELEBRATIONS



## University Headlines



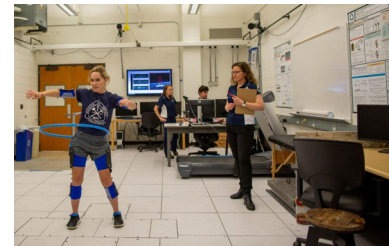
### Mining Engineering Department, mining industry celebrate 150 years of synergy

The department has set some big goals for the next five to 10 years. [Read about the department.](#)



### USGS, Mines establish joint industry program on geologic hydrogen

Eight companies have already signed on, including major players and startups in the mining and energy industries. [Read about the consortium.](#)



### Mines researcher playing key role in \$15M NSF Integrative Movement Sciences Institute

Biomechanics expert Anne Silverman will lead the institute's resilience and versatility research. [Read about the institute.](#)

## Mines in the News

## Newsweek

### Putin's Plans for Russia Over Next Six Years

"The biggest and most consequential wild card is what happens in the 2024 U.S. election," said Ken Osgood, history professor at Colorado School of Mines, noting the signaling of Trump and the MAGA wing of the GOP to end the war in Ukraine quickly.

## Science

### Taking the stand: For scientists, going to court as an expert witness brings risks and rewards

In some cases, serving as an expert witness can be professionally rewarding, says Christopher Higgins, an environmental engineer at the Colorado School of Mines who has testified about the sources of contaminants in water.

## Fox31 Denver

### Denver area youth experience hands-on engineering at Girls are SMART conference

The annual STEM outreach event is put on by Mines students in the Society of Women Engineers, the largest collegiate section in the country.

**#Mines150History**



In honor of Women's History Month, let's talk about a trailblazing woman in Mines history, Florence Caldwell. In 1898, Caldwell made history as the first woman to graduate from Mines, one of four to graduate in the first 75 years of the school's existence. She received a degree in civil engineering to accompany her Bachelor of Science degree from Ohio Wesleyan University.

"Her personal characteristics were admirable: loyalty to friends, kindness and sympathy to anyone in distress of mind or body, and unwavering courage. She kept me encouraged through many rough places," said her husband, Frank Jones, whom she met at Mines.

Both the first women's residence hall and the Florence Caldwell Centennial celebration were named in her honor.

Celebrate **150 YEARS** with us  **150.MINES.EDU**

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