

# COWBOYS OF PETROLEUM

## NEWSLETTER

Dear Colleagues,

The start of the semester marks not only a fresh start for our students but also a renewed opportunity to showcase excellence and innovation in our academic programs. I look forward to reconnecting with our stakeholders at the Industry Advisory Board events this October, which will be a chance to elaborate on the initiatives I can only touch on briefly here.

I am thrilled to share that we have a visiting scholar, Dr. Mahmoud Bougi who will be conducting research with Dr. Saraji under the Fullbright Exchange Program for the next 9 months. We have also welcomed new and returning students to campus, which you will see more details in our Top 5 in 5 Updates (Page 2), and we welcomed our very first online M.Eng. student. The M.Eng. program has been officially approved for international students who wish to study on-campus, which is an exciting development for our graduate program. I am eager to share more information on the innovative courses our talented faculty are developing for the M.Eng. program at our events next month.

Speaking of faculty, we have an opportunity to enrich our department with new expertise as we interview candidates for our new Professor of Practice position. We received several highly competitive applications, and I am confident this candidate pool will lead to a truly outstanding addition to our team.

In addition to these updates, we have dedicated the next page of this newsletter to our Top 5 in 5 Initiative, which will be updated quarterly. I want to express my deep gratitude for everyone who has supported this initiative, whether it be sharing network connections or by contributing time and resources. Your effort does not go unnoticed. While there's much ahead of us, we are truly thankful for all who recognize the incredible potential of University of Wyoming students. Thank you for your unwavering support!



Warm regards,

A handwritten signature in dark ink, appearing to read 'V. Rasouli'.

**Dr. Vamegh Rasouli**

EPE Department Head

LeNorman Endowed Leadership Chair in  
Petroleum Engineering



UNIVERSITY  
OF WYOMING

College of Engineering  
and Physical Sciences  
Energy and Petroleum  
Engineering



## Introducing the Top 5 in 5 Update!

Each quarter, you can look forward to updates on our progress and milestones for our goal of elevating the University of Wyoming's Energy and Petroleum Engineering program to a **top 5 national ranking within the next five years**.

If you are not already familiar with this initiative, you are in luck! Our website has been recently been refreshed to include a dedicated page for [The Top 5 in 5 Initiative](#) which includes a link to the initiative proposal and more information to get involved.

There are several exciting funding updates listed below that are in addition to the **\$2M** CEPS equipment fund that was announced in our June newsletter. Supported by UW's College of Engineering and Physical Sciences, this fund is set up for the purchase of equipment for the new **Integrated Fluid Dynamics/Geomechanics Research Lab**. This lab will focus on micro to macro studies of both conventional and unconventional plays in Wyoming.

## New Funding Updates

- ❖ **\$300K:** Establishing the Non-Endowed Chair in Subsurface Energy and Digital Innovation (SEDI) supported by Richard and Marlyn Lynch matched by the School of Energy Resources (July 2024). [See the announcement for SEDI here](#)
- ❖ **\$310K:** Subsurface Energy and Digital Innovation (SEDI) seed fund supported by the School of Energy Resources (July 2024).
- ❖ **\$50K:** Hassler Family Energy and Emerging Opportunities Excellence Fund (July 2024) to foster excellence and support faculty in the School of Energy Resources and College of Engineering and Physical Sciences.
- ❖ **\$50K:** K-12 STEM Student Support from Hess Corporation (September 2024).
- ❖ **\$1M:** Fund for Student Success in Petroleum Engineering matched by the State of Wyoming (September 2024). The purpose of the Fund is to support and encourage graduate students who are studying petroleum engineering with a focus on drilling engineering at the University of Wyoming.

## Measuring Success in the Top 5 in 5 Initiative

**15**

New Undergraduate Students\*

**53**

Total Undergraduate Students\*

**63**

Number of Graduate Students\*

**15:1**

Students to Faculty Ratio\*

**8**

EPE Faculty\*

**19**

Number of Publications\*\*

**8**

Research & Experimental Labs\*

**\$3.7M**

Total Funding\*

\*As of September 30, 2024

\*\* Sept 1 2023- Aug 31 2024

# EPE Student Organization Updates

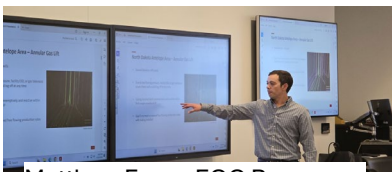


In February 2024, the UW Society of Petroleum Engineers chapter traveled to Woodlands, TX for 2024 SPE North American Student Symposium. Our members had many networking opportunities with industry professionals and other SPE student chapters from across North America. The trip included an excursion to Core Lab where our members were introduced to new technologies.



UW SPE Elections

On March 31, 2024, the UW SPE chapter held elections the 2024-2025 officers. The team includes Abdeldjalil Latrach as President, Omer Abdelazim as Vice President, Bashir Rabiou as Secretary, Tarek Ismail as Treasurer, and Nassima Bettir as Membership Chairperson.



Matthew Fare – EOG Resources

SPE hosted two amazing learning experiences in April 2024. Matthew Fare of EOG Resources provided a technical presentation on artificial lift for low bottomhole pressure wells and reducing paraffin and freezing issues. Later that month, by James DeBartolomeis from CARBO! Shared a presentation on "Proppant 101: the design and decision-making process of selecting proppant for hydraulic fracturing".

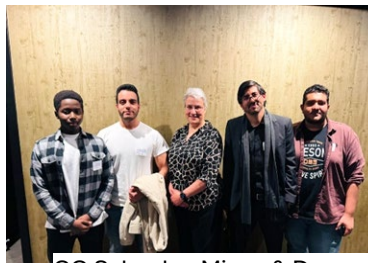


James DeBartolomeis – CARBO

Our chapter also attended the 2024 CSM SPE Student Chapter and Denver Section Joint Session in Golden, CO in April 2024. Members participated in a networking event and benefitted from the panel discussion "Powering Tomorrow: Unleashing Innovation in the Energy Industry."



Bryce Nichols – Beatty & Wozniak, P.C.



CO School of Mines & Denver Section SPE Joint Session



TJ Peters – Liberty Energy

In September, SPE hosted Bryce Nichols and Nichol Kramer from Beatty & Wozniak, P.C. who joined us to share a unique career pathway. Bryce spoke about his journey as a petroleum engineering graduate, his transition into law school, and eventually his experience working for a law firm that specializes in the oil and gas industry. Later that month, SPE hosted TJ Peters from Liberty Energy who provided an engaging information session to students and a "Frac 101 with Liberty Energy" presentation.

# EPE Student Organization Updates

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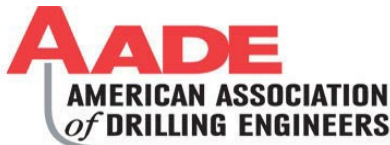
**IADC**  
UNIVERSITY OF WYOMING  
STUDENT CHAPTER

## International Association of Drilling Contractors

The IADC-UW club is kicking into high gear! Earlier this semester, four members attended the Advanced Rig Technology meeting in Austin, Texas. This two-day event featured presentations from various operators and service companies, covering key topics such as rig automation, robotization, data-driven decision-making, and innovations in red zone safety. We also had the opportunity to network with other IADC members and attend their Young Professionals event on the first evening of the trip.



Looking ahead, we have plenty planned for the rest of the semester. We've elected new officers: President Daniel McFadyen, Vice President Garrett Cox, Treasurer Eli Hernandez, and Secretary John Bertschy. We're reaching out to guest speakers and have planned a couple of field trips, so stay tuned for updates!



## American Association of Drilling Engineers

As we start of the 2024-25 academic year, we are excited to formally present the new officers for AADE-UW. The team includes Yan Zambrano Molinar as President, Garret Cox as Vice President, Logan Colwell as Treasurer and Isaac Sternhagen as Secretary.

We're looking forward to an exciting year with numerous events, tours, speakers, and more here at the University of Wyoming. Our team is excited to share more information at the Industry Advisory Board events this October.



## RSVP for the IAB Events

Join us for our annual Industry Advisory Board Student Networking Banquet in Laramie, Wyoming!

[Contact us to RSVP](#)



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