

COWBOYS OF PETROLEUM

NEWSLETTER

Dear Colleagues,

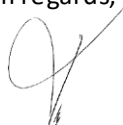
While summer is often a chance to slow down and prepare for the year ahead, it is also a time for us to make headway on our big initiatives. This season is off to a fantastic start as we welcomed Veronica Donahue as our newest staff member who supports our students and faculty in the EPE administrative office.

We have also been hard at work to accomplish the goals of our 5-5 initiative, with the recent approval of \$2M in funding from the college for the purchase of equipment for our Integrated Lab. This funding covers 30% of our year-one goal, thanks to the significant contributions from Dr. Elshehabi, Dr. Saraji, and Dr. Rabiei.

I'm thrilled to announce a new center of excellence has been established in collaboration with the School of Energy Resources (SER), an effort led by Dr. Soheil Saraji. The **Subsurface Energy and Digital Innovation Center (SEDI)** represents a pivotal new initiative aimed at advancing energy solutions through the integration of cutting-edge digital technologies. We have set an ambitious five-year plan to achieve a total fundraising target of \$3.5M and support 15 graduate students who will focus on groundbreaking research in the areas of Blockchain for Sustainable Energy, Big Data Analytics, Machine Learning, Novel Fluids for Energy Applications, and Virtual/Augmented Reality and Digital Twins. We seek to leverage this seed-funding, along with industry support, to prepare the next generation of experts to tackle the global energy challenges ahead of us. For more details on how you can support this initiative, please feel free to reach out to me.

As we prepare for our advisory board banquet on October 24th, I look forward to engaging in strategic planning to further drive excellence and innovation in our field. Your presence and insights will be invaluable as we embark on these transformative endeavors together.

Warm regards,



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

EPE Student Organization Updates

The UW chapter of **The Society of Exploration Geophysicists** hosted Dr. Cheadle, Professor of Deep-Sea Seismology, and Dr. Humphrey, Professor of Glaciology in a discussion on *Realistic Applications of Geophysical Magnetic Methods*.

The event covered topics such as magnetic surveys, electromagnetic methods, and their practical usage. A key focus of the discussion was the discrepancy between how these methods are portrayed in the media and their actual capabilities and limitations. Attendees gained insights into the scientific principles behind these methods, their benefits, and the challenges faced in accurately representing geophysical exploration in popular media. The event aimed to clarify misconceptions and highlight the importance of these geophysical exploration techniques.



Save The Date!

Join us for our annual Industry Advisory Board Student Networking Banquet in Laramie, Wyoming! [Contact us to RSVP](#)



Introducing EPE Office Associate

We are pleased to introduce Veronica Donahue who is our new office associate in the Energy and Petroleum Engineering department. Ms. Donahue brings over 3 years of experience working in entrepreneurial development with previous roles at the Wyoming Women's Business Center, IMPACT 307 accelerator network, and gBETA Startup Accelerator. She is a proud UW Alumni and holds a B.S. in business management from the University of Wyoming's College of Business. She is eager to support the faculty in our department and contribute to our success into the future.



College of Engineering
and Physical Sciences
Energy and Petroleum
Engineering

 uwyo.edu/petroleum/

 pete-info@uwyo.edu

 facebook.com/UWPetroEng/

 linkedin.com/in/uwpetroeng/