

Spring 2024 IAB Meeting – Presenting a Vision for the Future

The spring meeting of the Industry Advisory Board (IAB) was held in Houston on March 18th. In addition to regular agenda items including updates from the College of Engineering and Physical Sciences, the School of Energy Resources, the Department, and the UW Foundation, this meeting was focused on a discussion around the department's visionary Top 5 in 5 Initiative. Initially discussed during the Fall 2023 IAB meeting in Laramie, the IAB was asked to provide feedback on the document created to summarize the goals of the initiative and the UW Foundation led a discussion on the role of the IAB including next steps for creating an actionable plan to achieve this aspirational vision. The four subcommittees also provided brief updates with greater updates to come in subsequent meetings. During our time in Houston, department faculty also held meetings with various industry partners.

A Vision for the Future

With an aim to promote the department to be placed on the top 5 programs in the nation among other peers within the next 5 years, this initiative focuses on increasing undergraduate enrolment, expanding the research portfolio of the department, and developing the resources including lab facilities. Our goal is to raise \$30M for this initiative over the course of the next five years. While ambitious, we believe that through the support of alumni, donors and industry we can achieve this.

Feedback on this initiative is welcomed. To review the current proposal document and to provide feedback using an electronic form, please visit [Energy and Petroleum Professionals of the Future – Formstack](#). We will be reviewing comments received and tweaking our message to be relevant to the industry and greatly appreciate the feedback.

On behalf of our department, I would like to thank Richard Lynch for graciously hosting the event at the Hess Tower, Hess for hosting our group, and Travis Purvis for facilitating Nabors' support of our evening reception. Please also join me in thanking the Craig Russow, Angela Ver Ploeg, and Deb Sala-Boggs from the UW Foundation for coordinating the successful meeting and leading discussions about achieving an aspirational goal of 5 in 5! A special thanks to Toby Marlatt for developing the materials for the 5 in 5 Initiative. It was especially important to have Dean Cam Wright and Executive Director Holly Krutka in Houston showing their support for our program.



DC Visit by PEDHA

11 members of the Petroleum Engineering Department Heads Association (PEDHA) across the nation visited D.C. during March 11-13 to meet with different State legislators' offices to request their support for directing the DOE funds to fundamental research that develops future technologies for economic extraction of the hydrocarbon in the future.



WY's Congresswoman Hageman met the PEDHA's delegation

Companies representing Department's Industry Advisory Board (IAB) members



Congratulations to Dr. Piri and Dr. Fan

The Board of Trustees hosted a reception and dinner on January 25th to celebrate the success of UW researchers in obtaining extramural funding and in translating their research to practice. This was the inaugural annual celebration of UW's outstanding researchers identified by all colleges and schools. The Department of Energy and Petroleum Engineering is proud to announce that two of its professors were recognized in this event. Dr. Mohammad Piri received the UW Distinguished Researcher Award and Dr. Maohong Fan received the award for Research and Innovation Excellence. These recognitions are a testimony of the outstanding education experiences that are currently being offered to our undergraduate and graduate students.

RSOs Reports

SEG: On February 28th organized an event for SEG chapter regarding hydrothermal activity in Yellowstone and the possibility of volcanic activity in the future. The event was hosted by two professors: Dr. Michael Cheadle, a deep-sea seismologist, and Dr. Kenneth Sims, who is one of the lead scientists for the Yellowstone Volcano Observatory at the USGS. The event garnered the highest attendance since our chapter was created, with over 40 attendees ranging from students to faculty members from various departments.

SPE: UW Alumni Event hosted, in January, UW Alumni event and invited Jaden Montoya, Director of Engineering and Project Management at Korwell Energy to talk about Korwell's projects and operations and their career opportunities.

UW SPE Student Chapter attended the SPE NASS (North America Student Symposium) 2024, which was held in Woodlands Feb 8-9. The theme for this year's symposium was Shaping the Energy Industry of Tomorrow: The Workforce of the Future. The conference was filled with captivating discussions, enlightening panels about different energy transition topics, and networking opportunities with industry experts from Chevron, Orintiv, RESPOL, and TENARIS and students from various SPE chapters across North America, making it truly memorable. On the last day of the conference, students went on a field trip to core laboratories where they learned about completions and core characterization and engaged in a hands-on core viewing demonstration.

IADC: Representatives attended IADC HSE&T Conference & Exhibition in Houston and the IADC/SPE International Drilling Conference and Exhibition in Galveston Texas. The latter conference also included the tour of an offshore semi-submersible rig, owned by Valaris.

Grants AWARDED

Congratulations Dr. Saraji

Please find a German translation of Dr. Soheil Saraji's "Sustainable oil and gas with blockchain" from this link:

<https://link.springer.com/book/10.1007/978-3-031-45842-2>



SEG student Chapter event for hydrothermal activity in Yellowstone



Core Lab visit during SPE NASS conference



SPE Student Chapter event - Korwell's Introduction and Opportunities



UW SPE Student Chapter Members with Terry Palisch during NASS 2024



Tour of an offshore semi-submersible rig, owned by Valaris during IADC/SPE Int. Drilling Conference and Exhibition in Galveston Texas

Important Dates 2024

Dec 18- Jan 15

Winter Break

January 15

Martin Luther King Jr. Day

January 16, 2024

First Day of Spring Sem

March 11-15

Spring Break

May 3

Last Day of Spring Sem

May 6-10

Finals Week



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