

THE Core SAMPLE

Internal Newsletter of the School of Energy Resources

September | 2021

UW SCHOOL OF ENERGY RESOURCES TO CELEBRATE EIGHTH YEAR OF ENERGY DAY WITH UW FOOTBALL

The University of Wyoming's School of Energy Resources (SER) is celebrating the 8th Annual Energy Day in partnership with UW Sports Properties on Saturday, Sept. 18 at War Memorial Stadium as the Cowboys take on the Ball State Cardinals.

Prior to the 2:00 p.m. kickoff, members of the public are invited to visit with energy vendors from around the state at booths in the Indoor Practice Facility. SER will host a booth with giveaways, games of cornhole, and information on the cutting-edge research projects going on at SER as well as information on the SER academic program.

"Energy Day is a wonderful opportunity for energy companies, research partners, and vendors from around the state to connect with others and celebrate all that the energy industry has contributed to Wyoming," says SER Executive Director Holly Krutka "This is SER's eighth year sponsoring the event and we encourage folks to visit our booth and continue to support the industry that will continue to drive Wyoming into the future."

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Schedule of Events

Join us!

Friday, September 17, 2021

11:45 AM - 12:15 PM Distinguished Speaker Series
Dr. Glen Murrell, Executive Director, Wyoming Energy Authority
"Wyoming's New Energy Strategy"
Lunch Provided
Energy Innovation Center - 11th Street and Lewis Street

1:00 PM - 4:00 PM SER Building Tours
Sign up for a time | Register at www.uwyo.edu/ser/events
Energy Innovation Center - 11th Street and Lewis Street

5:00 PM - 7:00 PM Energy Day Pre-Game Reception
Presented by SER and PCL Industrial Construction Co. (PCL) with co-sponsors Wyoming Association of Professional Landmen (WAPL), the Student Chapter of the Energy Resources The Library Sports Bar and Grille - 201 E. Custer Street

Saturday, September 18, 2021

11:00 AM - 2:00 PM Game Day Tailgate and Vendor Booths
Indoor Practice Field

2:00 PM Kick Off University of Wyoming v. Ball State

HIGHLIGHTS

Research Centers of Excellence

- Members of the **Center for Economic Geology Research (CEGR)** recently attended the PCOR annual meeting in Jackson, WY.

- CEGR** Research Scientists **Heng Wang** and **Minh Nguyen** have left the center to pursue other job opportunities elsewhere. Wang worked with CEGR for nearly a decade. [Read all about his contributions >>>](#)

- CEGR** graduate student **Garrett Gay** will be transitioning into a permanent research position with the center on October 1. Profile coming soon!



Heng Wang

- Both CORE-CM projects in **CEGR** began on Sept. 1. The kick-off meeting for the PRB project is slated for Oct. 14.

- Researchers in the **Center of Excellence for Produced Water Management** have received a National Science Foundation (NSF) grant to investigate new membrane materials for purification and desalinization of water. The research was developed from an initial \$200,000



seed funding investment from SER nearly 3 years ago. [Read more >>>](#)

UW Professors Jonathan Brandt, John Hoberg, Laura de Sousa Oliveira, and Bruce Parkinson

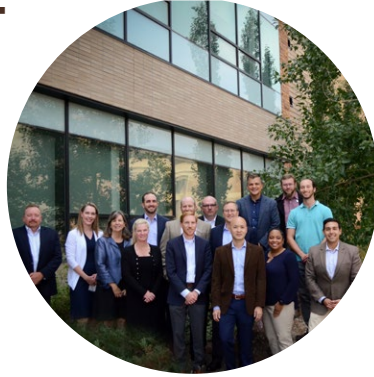
To submit news and updates email: Christine.reed@uwyo.edu



School of Energy Resources

UW SCHOOL OF ENERGY RESOURCES, WILLIAMS COS. JOIN FORCES ON HYDROGEN PROJECT

Representatives of the University of Wyoming School of Energy Resources (SER) and The Williams Cos. Inc. recently met on campus to discuss the UW school's initiatives and development opportunities, as well as the energy infrastructure company's clean energy strategy in Wyoming.



A partnership between the two entities has been forged based on a mutual desire to invest in and explore new energy ventures for Wyoming — especially in hydrogen and carbon capture.

“We are excited to see our goals align,” says SER Executive Director Holly Krutka. “The collaborative relationship that has emerged between SER and Williams will lead to novel applied research tied to a commercial partner that can translate research results into commercial investment. This type of collaboration has the potential to transform and revolutionize the energy sector so it can continue to serve as the foundation of the Wyoming economy.”

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SER HOSTS OCCIDENTAL CEO VICKI HOLLUB

The School of Energy Resources (SER) was honored to host Occidental Petroleum Corporation (Oxy) CEO, Vicki Hollub, for a brief visit to campus on Friday.

Hollub, who spoke at the Petroleum Association of Wyoming's (PAWS) Annual Conference, made the trip to Laramie to witness first-hand some of the cutting-edge research at SER and visit with leading scientists, faculty members, and state officials – including Governor Mark Gordon who toured the High Bay Research Facility with Ms. Hollub and witnessed the work at the Center of Innovation for Flow Through Porous Media.

“SER was honored to host Occidental to further grow our already strong collaboration with an important Wyoming oil and gas producer, global leader on carbon management and exceptional industry partner in administering endowed chairs and carbon capture, use and storage research program,” said SER executive director Holly Krutka.

[Continue Reading >>>](#)



HIGHLIGHTS CONT.

Research Centers of Excellence Cont.

- **The Center for Carbon Capture and Conversion (CCCC)** recently completed harvesting on the soil amendment field demonstrations in Lingle and Powell. Researchers will analyze the yields to determine the effectiveness of the coal-based soil amendments.



Resham Bahadur Thapa harvests sugar beet crops at the UW Extension Center in Powell, Wyo.

Academics

- The student club has changed its name to the Student Chapter of Energy Resources.
- **Professor Tara Righetti** will be speaking on a panel hosted by the Rocky Mountain Mineral Law Foundation (RMMLF) on carbon capture legislative updates and policy on September 22.

[Register Here >>>](#)

General Announcements

- SER is hosting members of the Wold family on Sept. 22. The visit will include an unveiling dedicated to the Wold Chair, and a presentation by graduate student **Ellen Polites**.
- SER is hiring a director for the new Hydrogen Energy Research Center (HERC)! Please share the job posting so that we can get the best applicants possible!
[Job Posting >>>](#)
- SER received its first donation towards HERC from The Anschutz Corporation. More details on that gift coming soon!
- **Dr. Holly Krutka** presented to 'Build Women, Build the World' on women in STEM.

We're Hiring!

Director, Hydrogen Energy Research Center

SER is looking for qualified applicants to run the new Hydrogen Energy Research Center (HERC). The primary role of the position will be to build the center and provide day to day management and oversight of the HERC research team and research projects.

Apply Today!

UNIVERSITY OF WYOMING SCHOOL OF ENERGY RESOURCES HOSTS 'PATHWAYS TO NET ZERO' WORKSHOPS

The University of Wyoming School of Energy Resources (SER) hosted two 'Pathways to Net Zero' workshops for local Wyoming communities to discuss goals, needs, and concerns in achieving a net-zero energy mix for Wyoming.

The state-based workshops are part of a larger Department of Energy (DOE) funded consortium project, Intermountain West Energy Sustainability & Transitions (I-West). Led by Los Alamos National Laboratories the group was formed to develop a regional technology roadmap using place-based approaches to achieve carbon neutrality in the Intermountain West. SER was invited to participate along with Arizona State University, Colorado School of Mines, Montana State University, New Mexico Tech, San Juan College, University of New Mexico, and the University of Utah.

Beginning with the communities of Gillette and Sheridan, Wyo., representatives from SER facilitated discussions and solicited feedback from community leaders and citizens to then report back to the DOE.

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UW'S ANNUAL ENERGY LAW AND POLICY IN THE ROCKIES CONFERENCE SLATED FOR OCT. 8

The University of Wyoming's School of Energy Resources (SER) and the UW College of Law's Center for Law and Energy Resources in the Rockies (CLERR) will virtually host the 2021 Landscape Discussion on Energy Law and Policy in the Rockies Conference Friday, Oct. 8.

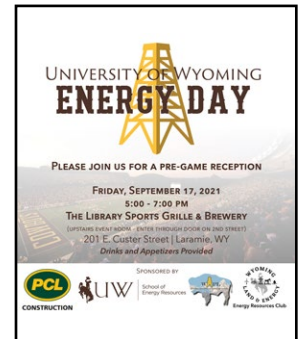
Keynote speakers are Kathryn Huff, the principal deputy assistant secretary and acting assistant secretary of the U.S. Department of Energy's Office of Nuclear Energy; and Nada Wolff Culver, the deputy director of policy and programs for the Bureau of Land Management (BLM). Huff will focus on the increasing role of nuclear energy in the country. Culver will discuss the current energy and environmental policies of the BLM.

[Continue Reading >>>](#)

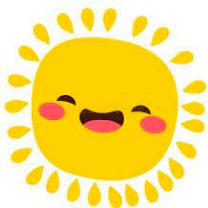


IMPORTANT DATES

- Distinguished Speaker Series - Dr. Glen Murrell
September 17, 2021
- Energy Day Networking Reception
September 17, 2021
- Energy Day (UW v. Ball State)
September 18, 2021
- SER Distinguished Speaker Series #2
October 1, 2021
- CLERR Landscape Discussion on Energy Law & Policy in the Rockies
October 8, 2021
- SER Distinguished Speaker Series #3
October 1, 2021



ENERGY JOKE



"Dad, can you tell me what a solar eclipse is?"



"No sun."