

THE Core SAMPLE

Internal Newsletter of the School of Energy Resources

September | 2023

UW'S SER RELEASES REPLICATION STUDY TRACKING WYOMING RESIDENTS' PERSPECTIVES ABOUT ENERGY

The University of Wyoming's School of Energy Resources (SER), in collaboration with the Ruckelshaus Institute of Environment and Natural Resources, released a new study exploring the evolution of Wyoming residents' perspectives on energy development, focusing on "social license," or the level to which Wyoming residents approve of or accept different forms and amounts of energy development.

A replication of the 2020 study published as "Social License for Wyoming's Energy Future: What Do Residents Want?," the comparative analysis explores the perspectives, values, needs and concerns of Wyoming residents in relation to energy in Wyoming and how they have evolved over time. Both studies were motivated by a desire to understand what Wyoming residents want in relation to energy and why.

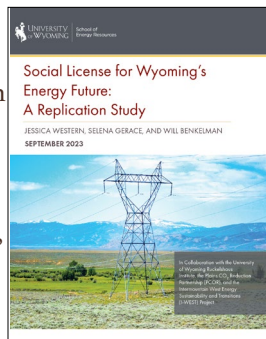
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PROJECTS SELECTED FOR MOWRY PROJECT PHASE II BY UW SCHOOL OF ENERGY RESOURCES

Thirteen proposals from University of Wyoming faculty and researchers have been selected by UW's School of Energy Resources (SER) for funding under Phase II of the Mowry project.


Spearheaded by SER, in collaboration with UW's Enhanced Oil Recovery Institute and Wyoming State Geological Survey, the project aims to study the Mowry Shale in the Powder River Basin and assess the potential of unlocking and producing the hydrocarbons locked within. Mowry Shale is a tight geological formation that houses oil and gas reserves.

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HIGHLIGHTS

Research Centers of Excellence

- *Center for Economic Geology Research (CEGR)* Project Manager **Erin Phillips** was appointed as an adjunct professor in the Department of Geology and Geophysics. 
- *Hydrogen Energy Research Center (H₂ERC)* Director **Eugene Holubnyak** presented at the Wyoming State Bar Association annual meeting on energy security in Ukraine.
- Director **Trina Igelsrud Pfeiffer** in the *Center for Carbon Capture and Conversion (CCCC)* met with 10 US senators and/or their staff as part of the American Coal Council. The group discussed coal being used as the baseload for power (20-25%) for the near future, alternative uses of coal (coal to products), and ways to help further the coal rebranding narrative. 
- The *Nuclear Energy Research Center (NERC)* selected recipients for the faculty scholar program for 2023-2025. **Wes Eaton**, visiting assistant professor in the Haub School for Environment and Natural Resources, and **Xiang Zhang** assistant professor of mechanical engineering in the College of Engineering and Physical Sciences were selected.

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



UNIVERSITY
OF WYOMING

School of
Energy Resources

UW SER RECEIVES GIFT FROM NEXTERA ENERGY RESOURCES TO BOLSTER PROFESSIONAL LAND MANAGEMENT PROGRAM

The University of Wyoming announced a major gift from NextEra Energy Resources, LLC to support the growing Professional Land Management (PLM) program in the School of Energy Resources (SER).



The gift of \$30,000 over three years will establish the Excellence Fund in Professional Land Management which will be used to expand the recruiting efforts and maximize student retention.

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UW'S WYOMING INTEGRATED TEST CENTER FEATURED IN WGA WORKSHOP IN GILLETTE

As chair of the Western Governors' Association (WGA), **Gov. Mark Gordon** hosted a special workshop at Gillette College and the Wyoming Integrated Test Center (ITC) Sept. 21 to showcase efforts driving carbon capture, utilization and storage (CCUS) technology in Western states.



As part of Gordon's WGA Chair initiative, Decarbonizing the West, the workshop convened federal, state, local and industry stakeholders from around the West to discuss various aspects of CCUS, including federal programs, regulatory implications and technology implementation.

Managed by the University of Wyoming School of Energy Resources (SER), the ITC is a carbon capture and utilization test center located at Basin Electric Power Cooperative's Dry Fork Station near Gillette. Opening its doors in 2018, the center provides space for technology developers to test their technologies using actual coal-based flue gas. It has been an influential fixture in bridging the gap between CCUS technology development and the possibility of commercial-scale deployment.

Gordon kicked off the workshop, followed by remarks from **Brad Crabtree**, assistant secretary for the U.S. Department of Energy's Office of Fossil Energy and Carbon Management.

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HIGHLIGHTS

Academics

- SER Professor of Law **Tara Righetti** spoke on a webinar panel hosted by The Foundation for Natural Resources and Energy Law covering pore space issues.



- SER Professor of Geology & Geophysics **Dario Grana** was named to the second Presidential Fellows Program cohort, which will run through May.



- Students in SER academic programs kicked off the semester with a welcome potluck in the Energy Innovation Center.

Outreach

- **Sabrina Kaufman** joined the outreach team to support research grants. Full profile coming soon!



- SER Senior Director of Research **Scott Quillinan** was interviewed by the *New York Times* in an article talking about economic opportunities for hydrogen development and carbon sequestration in Wyoming. [READ MORE >](#)
- Director **Kara Fornstrom** in the *Center for Energy Regulation and Policy Analysis (CERPA)* was quoted in a *WyoFile* article discussing some the challenges of "environmental justice" and "disadvantaged communities" as they related to energy communities in Wyoming. [READ MORE >](#)



DEGENFELDER KICKS OFF SER'S ENERGY DAY CELEBRATION SEPT. 23 AT UW

The University of Wyoming School of Energy Resources (SER) celebrated the 10th annual Energy Day — in partnership with Wyoming Sports Properties — Saturday, Sept. 23, when the Cowboys took on Appalachian State at War Memorial Stadium.

To recognize Wyoming's energy sector and to share some of the accomplishments in energy research and development at UW, SER also hosted engagement opportunities and events.

Wyoming Superintendent of Public Instruction **Megan Degenfelder** kicked off the festivities with a presentation Friday, Sept. 22. Degenfelder discussed the intersection between energy and education in Wyoming as part of the SER Distinguished Speakers Series.

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BLAZING THE PATH TOWARD ENERGY-DRIVEN ECONOMIC DEVELOPMENT FOR WYOMING

SER Executive Director **Holly Krutka** penned an op-ed on the role of energy in Wyoming. The article appeared in *Cowboy State Daily*, the *Green River Star*, the *Uinta County Herald*, and the *Kemmerer Gazette*.

What did she say?

It's no mystery that our state's economy and way of life are dependent on the success of the energy and extractive industries. In fact, our surveys show that Wyoming's energy communities are proud of the role they play in fueling the nation and feel strongly that it's important to continue to do so long into the future. I agree, but if we want Wyoming's energy and extractive sectors to continue to be the major economic drivers they are today, it's imperative that Wyoming leans into the challenges we face.

No other state does a better job balancing energy and mineral production with environmental stewardship. If we seize the opportunities before us, including the acceleration of novel energy technologies, we can continue to maintain a healthy and thriving economy, founded on a robust energy and extractive sector.

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HIGHLIGHTS

Outreach Cont.

- The School of Energy Resources participated in the annual STEM Carnival with a booth from the **3D Visualization Center** and one from academics.



Finance

- **Norbert Longworth** and **Kimmie Takaki** have joined the financial team in permanent positions. Full profiles coming soon!

General

- Energy Resources Council Chairman **Cindy Crane** was appointed as CEO to PacifiCorp.
- SER research partner **Western Research Institute** celebrated 40 years of research work in advanced energy systems, environmental technologies and highway materials research and technologies! The anniversary celebration coincided with the ribbon-cutting ceremony for the new research facility location.



KRISTEN PRITCHETT JOINS UW SCHOOL OF ENERGY RESOURCES AS DIRECTOR OF PROFESSIONAL LAND MANAGEMENT PROGRAM

The University of Wyoming School of Energy Resources (SER) is pleased to announce **Kristen Pritchett** as the director of Professional Land Management (PLM) program.



As the director of an accredited program through the American Association of Professional Landmen (AAPL), Pritchett is responsible for communicating regularly with the organization to ensure that the program meets the standards set forth for accreditation, and to guide students within the program to broaden the role and bandwidth of land professionals and their development within the industry.

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SCHOOL OF ENERGY RESOURCES WELCOMES HANNAH POWERS TO ACADEMICS TEAM

SER is pleased to welcome **Hannah Powers** as the College Relations Representative.



In her new role, Powers works directly with SER's academic program to actively recruit new students to the Energy Resource Management and Development (ERMD) degree program as well as to share other energy education opportunities with non-degree seeking students such as the Energy Resource Management minor and SER's new undergraduate certificate programs in Carbon Capture, Utilization and Storage (CCUS) and Land Administration.

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SER BIRTHDAYS!

SEPTEMBER

Randall Violet, Sept. 8

Selena Gerace, Sept. 26

Reminder: If you want your birthday recognized, please update your information with Kristi Russow at krussow@uwyo.edu.

IMPORTANT DATES

- Distinguished Speaker Series - **Matthew Balhoff**
October 2, 2023
- 2023 Law & Policy Conference
October 13, 2023
- Distinguished Speaker Series - **Peyman Mostaghimi**
October 18, 2023
- UW Giving Day
October 25-26, 2023
- Distinguished Speaker Series - **Matt Jamieson**
October 30, 2023
- SER Halloween Spooky Social Potluck
October 31, 2023
- CORE-CM Annual Meeting for the GGRB-WRB
November 2, 2023
- ERC Joint Meeting with the UW Board of Trustees
November 16-17, 2023

ENERGY JOKE

**Whatever you do,
always keep
your coal.**

