

THE Core SAMPLE

Internal Newsletter of the School of Energy Resources

November | 2022

UW TRUSTEES APPROVE NEW CERTIFICATE PROGRAMS IN CARBON CAPTURE, LAND ADMINISTRATION

The University of Wyoming will offer two new certificate programs to equip current students and working professionals in the evolving energy landscape.



Approved by the UW Board of Trustees during its November meeting, the School of Energy Resources (SER), in collaboration with other colleges and schools across campus, will launch a new undergraduate certificate program in carbon capture, utilization and storage (CCUS) and a land administration undergraduate certificate program.

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LILY JACKSON JOINS SCHOOL OF ENERGY RESOURCES RESEARCH TEAM

The School of Energy Resources (SER) is pleased to welcome Dr. Lily Jackson to the research team in the Center for Economic Geology Research (CEGR).



A geoscientist, Jackson brings with her vast experience and expertise to help contend with the geologic queries associated with the major research projects at play in the center.

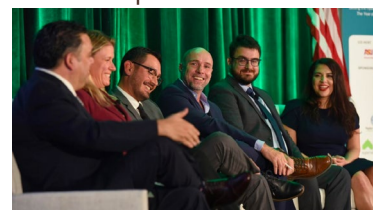
Jackson will primarily be working on the rare earth element (REE) and critical mineral (CM) projects in CEGR as an assistant research scientist with an emphasis on regional geology. In particular, she will be working to advance the resource assessment and outreach efforts for the Carbon Ore, Rare Earth and Critical Mineral (CORE-CM) projects in both the Powder River Basin (PRB), and the Greater Green River and Wind River Basins (GGRB).

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HIGHLIGHTS

Research Centers of Excellence

- Fred McLaughlin, Director of the *Center for Economic Geology Research (CEGR)* presented at the "UW in Your Community" event in Gillette, WY alongside President Seidel.
- Research Scientists Selena Gerace and Maddie Lewis in *CEGR*, completed a white paper deliverable entitled, "Permitting Guidance for Class VI Wells in Wyoming: An Analysis of the Permitting Process," as part of the PCOR Project.
- Research Scientist ChooiKim Lau in the *Center for Carbon Capture and Conversion (CCCC)* presented to the Laramie Engineering Club about the coal-derived engineering projects.
- Eugene Holubnyak of the *Hydrogen Energy Research Center (HERC)*, attended the United States Hydrogen Alliance (USHA) convention and presented on the 'Hydrogen Production Pathways' panel.



***More details in features

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



School of Energy Resources

REQUEST FOR EXPRESSION OF INTEREST FOR STATE DIRECT AIR CAPTURE INITIATIVES RELEASED BY UW'S SER

The University of Wyoming School of Energy Resources (SER), the Wyoming Business Council (WBC) and the Wyoming Energy Authority (WEA)



have released a request for expressions of interest to solicit input from key stakeholders on direct air capture activities and initiatives in Wyoming.

The U.S. Department of Energy's Four Regional Clean Direct Air Capture Hubs program — part of the Investment in Infrastructure and Jobs Act — may present an opportunity for Wyoming to create economic growth and resilience by encouraging development in the direct air capture (DAC) industry.

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SER FRIEND, SUPPORTER AND UW ALUMNI JIM NIELSON PASSES AWAY

James "Jim" Nielson, a longtime support of the School of Energy Resources and the university, passed away on November 17, at the age of 91.



A University of Wyoming graduate and a veteran, Nielson worked in Husky Oil, his family's energy company, and went on to start a number of successful energy-related businesses during his career. He was committed to education as a way to transfer knowledge to the public. He spent his time and energy conserving Wyoming's natural resources and promoting the sustainability of its environment.

He was honored by UW as a Distinguished Alumni in 2016.

In 2006, Nielson created a \$5 million endowment for the director of the UW School of Energy Resources and the Nielson Energy Scholarships, which are designed to support highly talented students planning a career in the energy sector.

Considered a pillar of his community, Nielson had a deep love for Wyoming and dedicated his life to serving the state and its people. His legacy will live on through the School of Energy Resources, as well as other important causes that he championed throughout his lifetime.

HIGHLIGHTS CONT.

- Kara Brighton Fornstrom will be joining the *Center for Energy Regulation & Policy Analysis (CERPA)* as the director on December 14. Profile coming soon!
- SER Senior Policy Advisor Kipp Coddington, along with others, completed a 'CO₂ in Public Works Study' in fulfillment of the requirements of Enrolled Act No. 12, Senate, 66th Legislature of the State of Wyoming, 2022 Budget Session. The report can be downloaded on the *CERPA* webpage. [CERPA Resources >](#)

Academics

- The fall commencement ceremony will take place on Saturday, December 10. SER has one student graduating this semester, **Austin Moon**. Moon is completing his B.S. in Energy Resource Management and Development with a concentration in Energy and Environmental Systems.



- Please join us for the fall graduation reception honoring our graduates! Saturday, December 10, from 12-2 PM in the EIC.



- SER Professor of Law **Tara Righetti** has been selected as a co-editor for a special edition of the "Oil, Gas, and Energy Law Intelligence Journal" that will focus on carbon capture and storage. Papers for the special edition are requested and should be submitted by March 2023 to the editors. [More Details Here >](#)

General Announcements

- UW payroll is encouraging electronic delivery of your W2 instead of paper. Please update your settings in your profile. [How to Change Settings >](#)

SER RESEARCH TEAM COMPLETES GRANT PROPOSALS FOR OVER \$90 MILLION IN FUNDING

Congratulations to the SER research team for successfully completing and submitting multiple project proposals for funding opportunities totaling over \$90 million. You are all superstars!!!!



EMPLOYMENT OPPORTUNITIES AT UW AND SER

There are multiple energy-related positions currently open. Please share with anyone that you believe might be interested in working with us!

Assistant Professor (Tenure Track Position in Economic Geology)

The University of Wyoming, Department of Geology & Geophysics is seeking a tenure-track assistant professor specializing in economic geology. The position will remain open until filled and complete applications received by 1/06/2023 will receive full consideration.

[Full Job Posting >>>](#)



Assistant Professor (SER Professor of Soil Science)

Housed in the Department of Ecosystem Science & Management, the assistant professor is expected to teach the Reclamation of Drastically Disturbed Lands course, which is a core course for both ESM and SER students and required for the undergraduate minor and graduate certificate in Reclamation and Restoration Ecology, as well as bridge energy-related research with the CALSNR mission to promote the sustainability of agriculture, the environment, and natural resources through the application of the land grant principles of learning, engagement, and discovery.

[Full Job Posting >>>](#)



IMPORTANT DATES

- **Fall Commencement Ceremony**
December 10, 2022
- **SER Holiday Party**
December 13, 2022
- **Finals Week**
December 12-16, 2022
- **Winter Break (for students)**
December 19 - January 16, 2023
- **Holiday Office Closures**
December 23 - January 2, 2023



JOIN SER FOR A

Holiday Party

Tuesday

DEC | 13 | 5-7:30 PM

DRINKS AND APPETIZERS
PROVIDED

FAMILIES INVITED!

RSVP BY DEC. 1

[HTTPS://FORMS.GLE/XYA1BFDYWV5XRHRV6](https://forms.gle/XYA1BFDYWV5XRHRV6)
OR BY EMAILING KRUSSOW@UWYO.EDU WITH THE
NUMBER OF PEOPLE ATTENDING.

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ENTER THROUGH THE MAIN DOORS ON GARFIELD ST.
FOR ELEVATOR ACCESS, ENTER ON THE CORNER OF CUSTER
AND 8TH ST.