

# THE *Core* SAMPLE

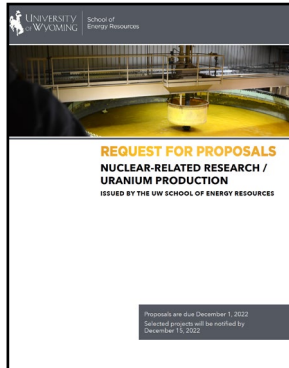
Internal Newsletter of the School of Energy Resources

October | 2022

## UW SCHOOL OF ENERGY RESOURCES TO PROVIDE FUNDING FOR NUCLEAR-RELATED RESEARCH PROPOSALS

The School of Energy Resources (SER) is requesting proposals for a funding opportunity for University of Wyoming faculty and staff members on nuclear-related research projects as part of an initiative to grow nuclear research capacity among the campus community.

The funding can be for stand-alone projects or used as cost share for projects funded by the U.S. Department of Energy (DOE) or other funding agencies. The deadline for proposal submissions is Thursday, Dec. 1. The selected projects will be notified by Thursday, Dec. 15.



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## SCHOOL OF ENERGY RESOURCES HOSTS ANNUAL MEETING FOR CORE-CM PROJECT IN GREATER GREEN RIVER AND WIND RIVER BASINS

The School of Energy Resources (SER), along with project partner Western Wyoming Community College, hosted the first annual forum for the Carbon Ore, Rare Earth, and Critical Mineral (CORE-CM) project in the Greater Green River Basin and Wind River Basin (GGRB-WRB).



The event took place on October 19-20 at Western Wyoming Community College in Rock Springs, Wyo., as well as online.

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## HIGHLIGHTS

### Research Centers of Excellence

- Bob Gregory represented the School of Energy Resources at the Wyoming Rocks! event put on by the UW Geology Museum. The event was well attended!
- Fred McLaughlin, Director of the *Center for Economic Geology Research (CEGR)* presented at a recent town-hall meeting in Rocks Springs that focused on Project Bison, a 5-megaton direct air capture carbon removal project in Wyoming.
- The *Enhanced Oil Recovery Institute's (EORI)* Senior Petroleum Engineer, Eric Robertson, will present CO<sub>2</sub> EOR in Wyoming on a panel moderated by EORI's Director Lon Whitman December 5 - 8, 2022. [CO<sub>2</sub> Conference Info >](#)
- *CEGR* representatives Fred McLaughlin and Selena Gerace, along with Eugene Holubnyak of the *Hydrogen Energy Research Center (HERC)*, attended The Greenhouse Gas Control Technologies (GHGT) conference in France.
- Research Scientist Maddie Lewis in the *Center for Energy Regulation & Policy Analysis (CERPA)*, represented SER at the Great Plains Institute event, the "Carbon Action Alliance Launch," in New Orleans.



\*\*\*More details in features

To submit news and updates email: [Christine.reed@uwyo.edu](mailto:Christine.reed@uwyo.edu)



School of Energy Resources

## EORC COMMISSIONER BEBOUT TO RECEIVE BILL DANIELS ETHICAL LEADERSHIP AWARD

**Eli Bebout**, a member of the Wyoming Enhanced Oil Recovery Commission (EORC), has been selected to receive the 2022 Bill Daniels Ethical Leadership Award.

The EORC and the University of Wyoming's Enhanced Oil Recovery Institute (EORI) celebrate this award with Bebout and his family.

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## CHEYENNE RESIDENTS LEARN HOW TO ADDRESS RACIAL COVENANTS

Residents may or may not know that unconstitutional, unenforceable covenants barring non-white residents from certain Cheyenne neighborhoods remain on the books.

Initiated by students in the School of Energy Resources, and following the Wyoming Legislature's 2021 passage of a law allowing residents to amend such covenants, that no longer needs to be the case.

At a town hall event in Cheyenne, community leaders explained how these restrictive, racist covenants worked, and informed residents how they can remove them.

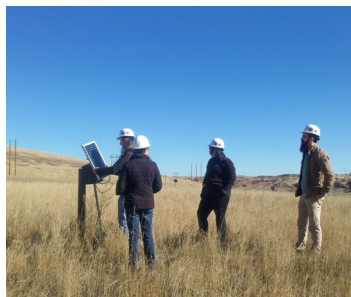
**Kris Koski**, an attorney and faculty member at the University of Wyoming, explained that although the process doesn't remove the covenants altogether, it amends them. The strictures can no longer be enforced, but their removal may signal to prospective home buyers or renters that they're welcome.



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## ENVIRONMENTAL SENSING CLUB VISITS DRY FORK STATION AND MINE

Led by **Charles Nye**, students in the Environmental Sensing Club (ESC) visited Dry Fork Station and Dry Fork Mine to gain a better understanding of the soil gas sensors they are working on improving as part of the Carbon XPrize award from 2021. In addition to the tours, student were able to view a live blast on a coal seam.

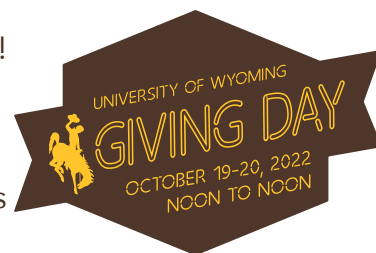


## HIGHLIGHTS CONT.

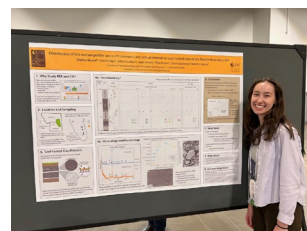
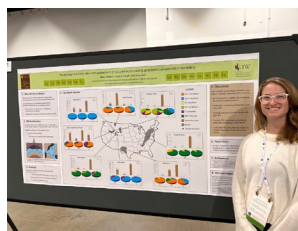
- Erin Phillips and Davin Bagdonas of *CEGR*, presented updates on the CORE-CM projects to the Department of Energy in Pittsburgh.

### Academics

- UW Giving Day 2022 was a great success!! Thank you to all who contributed! The numbers are still coming in, but we raised over \$13,000 this year!



- **John Kaszuba**, SER Professor of Geology and Geophysics and the Wold Chair in Energy Excellence, published a collaborative article in *Nature Reviews Chemistry Journal*, entitled "Molecular-scale mechanisms of CO<sub>2</sub> mineralization in nanoscale interfacial water films." [Download Article >](#)
- SER-funded graduate students **Ellen Polites** and **Sophia Stuart** presented posters at the Geological Society of America Annual Meeting.



- **Karolina Klatka** is out on the recruiting road and keeping busy! While in Houston, she volunteered at a STEM event called GirlStart, bringing together girls for day-long workshops and opportunities to learn outside the classroom.



\*\*\*More details in features

# THE SCHOOL OF ENERGY RESOURCES FEATURES PROMINENTLY IN THE LATEST ISSUE OF UWYO MAGAZINE

Energy-related research and activities originating from the School of Energy Resources, once again, feature prominently in the fall 2022 issue of *UWyo Magazine*. Activities in the Center for Carbon Capture and Conversion (CCCC) steal the show with mentions of the char brick demonstration house, soil amendments, and the Argonne National Lab visit. [Read Latest Issue >>>](#)



# UWYO

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## SER SPOOKY HALLOWEEN POTLUCK SOCIAL

Don't forget to sign up for the SER Spooky Potluck Social! Bring a treat to share, dress up for the costume competition and experience the haunted 3D cave! [Potluck Sign Up](#)

SCHOOL OF ENERGY RESOURCES

Spooky

HALLOWEEN POTLUCK SOCIAL

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Join us!

MONDAY, OCTOBER 31, 2022

ENERGY INNOVATION CENTER  
2ND FLOOR LOBBY  
3:30 PM - 5:00 PM

The School of Energy Resources would like to invite our faculty, staff, students and collaborators to participate in our Halloween potluck! Outreach will provide festive drinks. Please sign up to bring some treats to share!

The 3D Viz Center will offer visits in the Haunted EIC CAVE experience, and there will be an optional costume competition!

Families and kids are welcome!

HAUNTED CAVE TOUR

COSTUME COMPETITION

REFRESHMENTS

### IMPORTANT DATES

- SER Spooky Halloween Potluck Social  
October 31, 2022
- ERC Directors Reports Due  
November 4, 2022
- Fall Distinguished Speaker Series  
Presentation - Michael Noonan  
November 9, 2022
- Energy Resources Council Meeting  
November 17-18, 2022
- Thanksgiving Break  
November 24-25, 2022

