

THE *Core* SAMPLE

Internal Newsletter of the School of Energy Resources

February | 2022

U.S. REPRESENTATIVE LIZ CHENEY VISITS SCHOOL OF ENERGY RESOURCES

The University of Wyoming (UW) School of Energy Resources (SER) was privileged to host **Congresswoman Liz Cheney** on a visit to campus. Cheney is Wyoming's sole representative in the U.S. House of Representatives.

Cheney's visit to SER comes at a time when energy is at the forefront of discussions surrounding the new federal infrastructure bill, including opportunities and impacts for Wyoming.

While on campus, Rep. Cheney met with SER executive director **Holly Krutka**, and SER senior director of research, **Scott Quillinan** to discuss the groundbreaking research being conducted at SER, in particular the work in SER's Centers of Excellence.

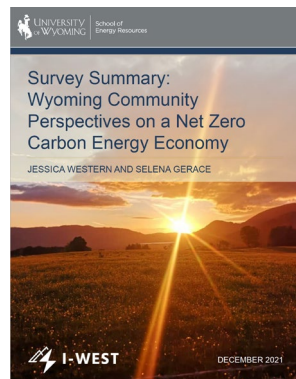
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UW RESEARCH EXAMINES WYOMING COMMUNITY PERSPECTIVES ON NET-ZERO CARBON ENERGY ECONOMY

A new study from the University of Wyoming School of Energy Resources (SER) Center for Energy Regulation and Policy Analysis (CERPA) explores Wyoming residents' views on achieving a net-zero carbon energy economy.

Led by **Selena Gerace**, the survey was conducted at the request of the U.S. Department of Energy, and specifically examines the needs, expectations and concerns of Wyoming citizens related to a carbon-neutral future, as well as the opportunities and technologies that stakeholders feel will be more effective in meeting that goal in Wyoming.

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HIGHLIGHTS

Research Centers of Excellence

- The **Center for Economic Geology Research (CEGR)** welcomed **Shane Scoggin** as a student worker in the center.
- The CORE-CM team in **CEGR** is organizing a webinar on April 5 to discuss social and environmental justice issues in collaboration with **CERPA**.
- The **Center for Energy Regulation & Policy Analysis (CERPA)** released a study conducted by **Selena Gerace** examining Wyoming citizen's views on a net-zero carbon energy economy.***
- The **Nuclear Energy Research Center (HERC)** website is now live. [Click Here >>>](#)



- **Kyle Summerfield** of the **3D Visualization (3D Viz) Center** has been named the interim manager.



- SER has hired a director for the **Hydrogen Energy Research Center**. **Dr. Eugene Holubnyak** will be joining SER on March 1! Be sure to arrange a time to meet with him once he arrives.

*** more details in features

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



UNIVERSITY OF WYOMING

School of Energy Resources

SER, BAKER HUGHES, WEA COLLABORATE ON \$5,000 'DECARBONIZATION PRIZE' CONTEST FOR UW STUDENTS

The University of Wyoming School of Energy Resources (SER), Baker Hughes and the Wyoming Energy Authority are collaborating to offer UW students an opportunity to introduce novel solutions in the decarbonization space through a \$5,000 ideation innovation contest.

The "Decarbonization Prize" focuses on discovering innovative applications for existing products and services, or to introduce new concepts for innovative, transformative and disruptive technologies that will decarbonize various industries.

The goal of this year's competition is to accelerate the pace of technological development within the domain of hydrogen, making it a key factor in the energy transition.

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KASZUBA RESEARCH GROUP PRESENTS AT AGU CONFERENCE IN NEW ORLEANS

Four members of the Kaszuba research group in the Geology and Geophysics Department presented at the American Geophysical Union (AGU) Fall Meeting in New Orleans in December.

The AGU Fall Meeting is the most influential event in the world dedicated to the advancement of earth and space sciences. The conference attracts more than 25,000 attendees from over 100 countries to share research and network.

UW graduate students **Ellen Polites** of York, Pa., **Grant Copeland** of Norfolk, Va., and **Isaac Mantelli** of Herdon, Va. presented their research projects along with recent graduate, **Olivia Terry** of Tulsa, Ok. The students are or have completed advanced degrees under the supervision of School of Energy Resources (SER) Professor of Geology and Geophysics, **John Kaszuba**.

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HIGHLIGHTS CONT.

Centers of Excellence Cont.

- the **Center for Carbon Capture and Conversion** is hosting a candidate for the open Senior Research Scientist position on March 3-4.

Academics

- The student mentoring program has launched. 16 students from both the ERMD major and minor are active in that program.
- Prep for the April PLM Conference is underway. Students will be conducting a raffle and silent auction. Anyone wishing to donate auction items can contact **Eli Vigil** at evigil7@uwyo.edu
- SER participated in a campus-wide career fair this past week and hosted a reception in the Energy Innovation Center.
- 11 students are traveling to the Wyoming Oil and Gas Conservation Commission (WOGCC) hearing on March 8. Students are able to attend the main commission hearing as well as examiner hearings.
- The AAPL Reaccreditation team accepted the proposed agenda for a site visit in April.
- Fall and Summer registration will open in March for current students. Scholarships are also open. Please encourage students to apply!

General Announcements

- The University of Wyoming Energy Resources Council (ERC) recently welcomed **Rep. Don Burckhart** to the board, and will see the addition of **Chad Teply** of Williams effective March 1. Rep. Burckhart replaces **Rep. Mike Greear**, and Mr. Teply replaces **Mr. Thomas Botts**. The School of Energy Resources is exceedingly grateful to Rep. Greear and Mr. Botts for their time served on the board!

*** more details in features

NUCLEAR ENERGY RESEARCH CENTER OFFERS PROPOSAL PREP GRANTS AND GRADUATE STUDENT STIPENDS FOR SPONSORED NUCLEAR RESEARCH

The Nuclear Energy Research Center (NERC) at the School of Energy Resources is seeking proposals from University of Wyoming (UW) faculty members currently receiving or pursuing sponsored research for nuclear related projects. Physical and social science proposals are encouraged for both programs.

The purpose of the proposal prep grants is to provide summer salary to faculty who have submitted competitive nuclear energy research proposals for direct funding from either a federal agency (preferred) or private foundation. Selected UW faculty proposals will receive up to \$4,000 for summer salary.

The competitive grants are part of the center's efforts to begin capacity building among the UW community.

For more information on NERC or application guidelines, visit the [NERC website](#).

CALL FOR PROPOSALS
Nuclear Energy Research Center

The Nuclear Energy Research Center (NERC) at the UW School of Energy Resources (SER) is focused on interdisciplinary nuclear energy capacity building across the UW community by connecting UW faculty and staff that are already active in research fields critical to the success of nuclear energy, and developing collaborative relationships both external and internal to UW.

COMPETITIVE NUCLEAR ENERGY SUMMER GA/DOCTORAL AUGMENTATION GRANT:
Funding through NERC available for faculty to apply for summer GA positions (Doctoral or Masters) or doctoral augmentation awards to support nuclear energy research or thesis preparation.

PURPOSE: To support summer graduate assistant positions focused on nuclear energy research or thesis preparation.

REQUIREMENTS: Please submit a two-page proposal describing the budget request, description of the research project, and a CV for the graduate student.

AMOUNT: Funding for 1 full time summer graduate assistant (masters, PhD, MSA, J.D. degree level) or hourly non-benefitted research assistant plus up to \$1,000 for student supplies or travel.

CRITERIA: Grantees selected based on relevance to nuclear energy research and NERC mission.

DEADLINE:
For maximum consideration, faculty should submit proposals prior to March 31, 2022.

Proposals submitted after the deadline will be considered based on remaining available funds on a rolling basis.
Multiple student funding positions available.

UNIVERSITY OF WYOMING | School of Energy Resources Nuclear Energy Research Center

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FACULTY NUCLEAR ENERGY RESEARCH PROPOSAL PREP GRANT:
NERC is seeking proposals from UW faculty on research projects related to nuclear energy in both the physical sciences and social sciences. Selected proposals will receive up to \$4,000 for summer salary.

PURPOSE: To provide summer salary to faculty who have submitted competitive nuclear energy research proposals for direct funding from either a federal agency (preferred) or private foundation.

PROPOSAL REQUIREMENTS: Only 1 award per grant proposal. Co-PIs can apply together and can share the award. Please submit a two-page proposal summarizing the project including workscope/technical narrative, agency program office (if any), and summary of budget. If applicable, please indicate if a pre-proposal was encouraged.

AMOUNT: 0.5% of the total amount of UW budget with a cap of \$4,000.

CRITERIA: Grantees selected based on relevance to nuclear energy research and NERC mission. Only proposals submitted to the funding agency before June 1st will be eligible for an award.

DEADLINE:
Proposals must be submitted by March 31, 2022.

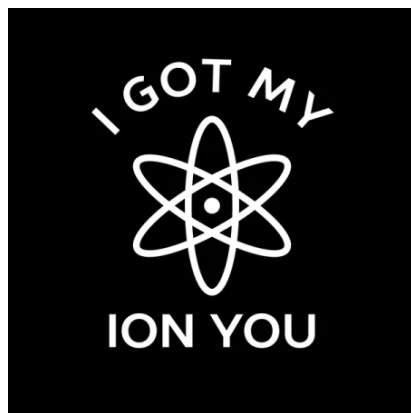
Award must be applied to summer salary in May and/or June of 2022.

UNIVERSITY OF WYOMING | School of Energy Resources Nuclear Energy Research Center

IMPORTANT DATES

- **Spring Break**
March 14-18, 2022
- **American Association of Professional Geologists CCUS Annual Meeting - Houston**
March 28-31, 2022
- **Distinguished Speaker Series - Jared Larsen**
March 28, 2022
- **CORE-CM Social and Environmental Justice Webinar**
April 5, 2022
- **Distinguished Speaker Series - Kevin Connors**
April 8, 2022
- **Distinguished Speaker Series - Eugene Holubnyak**
April 15, 2022
- **Distinguished Speaker Series - TBA**
April 25, 2022
- **Rocky Mountain PLM Conference**
April 29, 2022
- **Spring Commencement**
May 14, 2022
- **SER Graduation Reception**
May 14, 2022
- **Admitted Student Days**
March 25 | April 8 | April 15 | May 20, 2022

ENERGY JOKE



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