

THE *Core* SAMPLE

Internal Newsletter of the School of Energy Resources

October | 2021

NEW FACES AT SER: MEET GARRETT GAY AND KAROLINA KLATKA

The School of Energy Resources (SER) is pleased to welcome **Garrett Gay** to the Center for Economic Geology Research (CEGR) as the newest research scientist on the team.



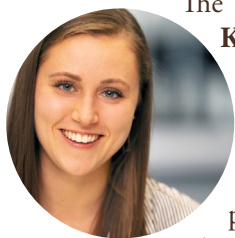
Hailing from Rochester, NY, Gay made his way to Wyoming after an undergraduate research experience in Wyoming as part of his degree program at the University of Rochester. He earned his B.S. in geochemistry, graduating in 2018.

Gay has developed an area of expertise centered around Rare Earth Elements (REEs) and geochemistry. He wrote his senior thesis on the REE concentration in crocodile, shark and mammal teeth.

While at UW, Gay earned his M.S. in geology and geophysics under the supervision of **Dr. John Kaszuba** and **Dr. Susan Swapp**. His focus was on low temperature and low pressure REE geochemistry in uranium roll front deposits.

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The School of Energy Resources (SER) recently hired **Karolina Klatka** as the new College Relations Representative. In her new role, Klatka will work directly with SER's academic program to actively recruit new students to the Energy Resource Management and Development (ERMD) degree program as well as the Energy Resource Management (ERM) minor.



A graduate from the University of Wyoming, Klatka earned dual degrees in Dance and Environmental Systems Science in 2020. Following graduation, Klatka spent a year at the Jagiellonian University in Kraków, Poland to complete a language certificate in Polish.

Originally from Poland, Klatka grew up in Colorado and has current familial ties to Rock Springs, Wyo. She was drawn to the University of Wyoming for its affordability, extremely reputable education, and her love of the outdoors.

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HIGHLIGHTS

Research Centers of Excellence

- The CORE-CM project teams in the **Center for Economic Geology Research (CEGR)** are underway. The Powder River Basin team led a kick-off meeting on Oct. 14. The Green River Basin team is hosting a kick-off meeting on Oct. 21.
- The UIC permit for University of Wyoming PRB #2 in **CEGR** has been approved and is open for public comment. Once the public comment period closes, the CEGR team will move forward with field operations to drill the second well as part of the Wyoming CarbonSAFE project.
- **CEGR** project partner Tallgrass Energy will be hosting a kick-off meeting this month for the collaborative 'Blue Bison' hydrogen project. 
- Researchers in the **Center for Energy Regulation & Policy Analysis (CERPA)** are working on a market analysis paper for Rare Earth Elements (REEs) and Critical Minerals (CM) in Wyoming. The paper is expected before year end.
- **The Enhanced Oil Recovery Institute** is hosting the 2nd Wyoming Oil & Gas Fair Webinar. The presentation will focus on Ambient Seismic Imaging and will feature **Jeffrey Eppink**.***
[Register Here>>>](#)

*** more details in features

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



School of
Energy Resources

SUPPORT THE SCHOOL OF ENERGY RESOURCES ON GIVING DAY 2021

The University of Wyoming will once again be hosting UW Giving Day! Spearheaded by the UW Foundation, UW Giving Day is an annual UW tradition that raises thousands of dollars in a single day for students and programs across campus.

This year, UW Giving Day is slated to coincide with the homecoming celebration in the hopes of inspiring enthusiastic donors and friends to support the university that they love. Giving Day will take place October 20–21, noon to noon.

The School of Energy Resources (SER) is a proud participant of UW Giving Day and asks that friends, stakeholders, and energy enthusiasts consider making a gift in support of the academic program at SER.

As an added incentive, SER's executive director, **Dr. Holly Krutka**, has pledged to match the first \$1,000 raised.

SER supporters should visit the [SER Giving Day page](#) beginning at noon on October 20.

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DANAIE NAMED NEW UW SCHOOL OF ENERGY RESOURCES ACADEMIC DIRECTOR

Kami Danaei is the new academic director of the School of Energy Resources (SER) academic program at the University of Wyoming.

She will oversee the curriculum, course development and scheduling of the degree program. Danaei also is tasked with the management of accreditation reports and requirements; establishment of learning outcomes and assessment standards in accordance with accreditation standards; and leading professional development efforts.

Danaei succeeds **Tim Considine**, who stepped down from the interim position in early September. A professor of energy economics for SER, Considine will return as a full-time faculty member and continue to teach core courses in the energy resource management and development (ERMD) degree program.

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HIGHLIGHTS CONT.

Research Centers of Excellence Cont.

- **The Center for Carbon Capture and Conversion (CCCC)** is currently in the process of conducting project reviews.
- **The CCCC** is hiring for a Senior Research Scientist. The posting is still live. Please share with any qualified applicants. [See Job Posting >>>](#)

- **Emma-Jane Alexander** in the **Shell 3D Visualization Center** served as a panelist during the fourth annual Blockchain Stampede and WyoHackathon.



Academics

- **Kami Danaei** recently took over as the new Academic Director of the SER academic program.***
- **Professor Tara Righetti** is an author on a leading oil & gas law casebook. The 11th edition of "The Law of Oil and Gas: Cases and Materials," will be published in December.
- Led by **Charles Nye** in **CEGR**, students in the ERMD program, as well as students from the Haub School of ENR, and the College of Engineering submit a grant proposal to Carbon X-Prize. The project aims to improve upon the soil gas sensor technology used to monitor the subsurface carbon dioxide levels in the Wyoming CarbonSAFE project. If selected, the grant is worth up to \$100K.

General Announcements

- SER will begin conducting interviews for the Director of the Hydrogen Energy Research Center in the coming weeks.
- **Kipp Coddington**, supported by Wyoming CarbonSAFE team members (ARI, MTR and EORI), is leading a project commercialization brainstorming session with site host Basin Electric Power Cooperative on October 26.

*** more details in features

UW'S WYOMING OIL AND GAS FAIR WEBINAR TO FOCUS ON AMBIENT SEISMIC IMAGING



Jeffrey Eppink will speak about ambient seismic imaging (ASI) during a webinar Thursday, Oct. 28, at 1:30 p.m.

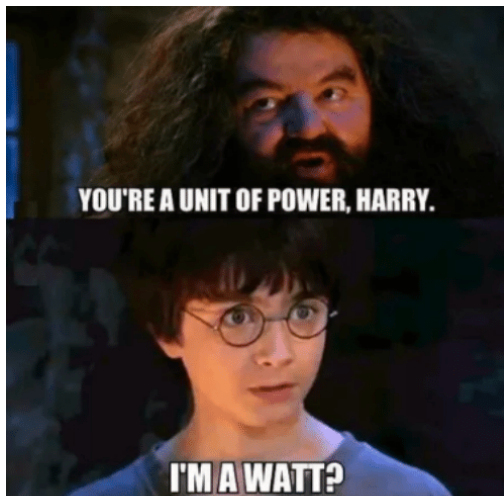
The event is the second of the Wyoming Oil and Gas Fair Virtual Series organized by the University of Wyoming's Enhanced Oil Recovery Institute (EORI).

Now in its 25th year, Wyoming's Oil and Gas Fair has brought industry leaders together to promote the very best in the oil and gas industry in Wyoming. As the event organizer, EORI's goal this year is to offer Wyoming's oil and gas industry a premier virtual conference event.

The webinar titled "Ambient Seismic Imaging – Optimizing Reservoir Recovery" will be presented by Eppink, founder and president of Enegis LLC, an energy consulting firm based in Washington, D.C.

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ENERGY JOKE



IMPORTANT DATES

- **GGRB-WRB CORE-CM Kick-off Meeting**
October 21, 2021
- **Distinguished Speaker Series Presentation -**
Travis Deti, Wyoming Mining Association
October 29, 2021
- **Wyo. Leg. Joint Minerals Committee Meeting - Rock Springs**
November 4-5, 2021
- **Distinguished Speaker Series Presentation -**
Sallie Greenberg, Illinois State Geological Survey
November 12, 2021
- **REE-CM Development in Wyoming Webinar**
November 15, 2021
- **Industry Class VI Permitting Process Webinar**
November 16, 2021
- **Wyoming Governor's Business Forum**
November 17-18, 2021
- **Energy Resources Council Meeting**
November 18-19, 2021
- **Thanksgiving Break**
November 25-26, 2021
- **Bitcoin Town Hall Webinar**
November 30, 2021
- **Nuclear 101 Webinar**
December 2, 2021
- **SER Holiday Party**
December 4, 2021



LIVE WEBINAR

RARE EARTH ELEMENT AND CRITICAL MINERAL DEVELOPMENT IN WYOMING

MONDAY, NOVEMBER 15, 2021
12:00 PM



1.5 HOURS CLE WYOMING APPLICATION PENDING



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Randy Scott
Rare Element Resources



Thomas Turk
National Energy Technology Laboratory



Melissa Firestone
Center for Energy Regulation & Policy Analysis



Jada Garofalo
Center for Energy Regulation & Policy Analysis



Erin Phillips
Center for Economic Geology Research

- Panel Discussion Topics Include:
- Conventional and Unconventional REE Sources & Processes
 - A Summary of the REE Market
 - Current REE Law and Policy
 - Opportunities for REE Development in Wyoming

MODERATED BY:
Scott Quillinan
School of Energy Resources

