2020-21
YEAR IN REVIEW

WCC Returns to the Haub School
New Graduate Degree
Student Reflections
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OUR MISSION

The Haub School of Environment and Natural Resources advances the understanding and resolution of complex natural resource challenges through interdisciplinary education, generating new thought and understanding, disseminating information, and supporting collaborative decision-making.

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Cover image: Wyoming Conservation Corps crew members Caitlin Cottrell and Corina Carpio construct a retaining wall on the Pilot Hill Project east of Laramie.
LETTER FROM THE DEAN

Dear Friend of the Haub School,

I have so enjoyed my first eight months as Dean of the Haub School of Environment and Natural Resources. I write today with great admiration for our students, staff, and faculty as they have navigated a trying year steeped in challenges with persistence and grace.

Change has been a significant part of the last year. Just weeks into the pandemic, we were forced to transition classes from in-person to online offerings. And while our course delivery and patterns of travel have most certainly changed, we continued our important work of educating the next generation of environment and natural resource problem solvers and conducting research to help ensure the sustainability of our landscapes and livelihoods for years to come.

As you will read in the following pages, we have many exciting updates to share. Perhaps most significantly we have a new stand-alone master of science degree in Environment, Natural Resources, and Society (ENRS). The ENRS degree emphasizes project-based education that promotes collaborative work on current environment and natural resources challenges, and results from countless hours of work by dedicated members of our faculty. Additionally, we have added an online Outdoor Guide Certificate program to better serve the needs of our state and region, and we also welcomed several new Haub School faculty members, including yours truly. All this growth requires additional space and we were fortunate to negotiate the acquisition of a nearly 10,000-square-foot building on campus, known as the Beta House. This space will accommodate 30 graduate students, several faculty, two new classrooms, and a large collaboratory area for workshops and group discussions. Needless to say, we are excited about our continued growth as it means more opportunity for impact on our students, communities, and our wild and working lands.

I hope you will join me in marveling at the many accomplishments of our community in the Haub School of Environment and Natural Resources and Ruckelshaus Institute highlighted in this newsletter. As we break for the summer season, we are encouraged knowing that the university will reopen this coming academic year with an increased appreciation for the privilege of meeting in person and the benefits of community. Better times are ahead!

Be well,

John Koprowski, Dean
Haub School of Environment and Natural Resources
NEW HIRE

Kayla Clark, Assistant Lecturer

Kayla Clark joined the Haub School as an assistant lecturer in January 2021. Previously, she owned a design and marketing studio where she built an international professional practice. Kayla's expertise is in graphic design with a focus on archetypal print and digital design as well as exhibit installation and industrial design. She works closely with natural and social scientists on STEAM (science, technology, engineering, art, and math) collaborations and provides strategies for scientific communication. Her creative research includes the merging of new technologies with 14th-century style letterpress printing. Kayla also teaches in the Communications and Journalism Department and the Art and Art History Program at the University of Wyoming.

WYOMING CONSERVATION CORPS RETURNS TO THE HAUB SCHOOL

This July, the Wyoming Conservation Corps (WCC) officially returns to the Haub School following nearly 10 years as part of the University of Wyoming’s Residence Life and Dining Services. Founded in 2006, WCC builds on the legacy of the Civilian Conservation Corps of the 1930s to carry out service projects that support the maintenance and stewardship of Wyoming’s public lands. The program is funded by Americorps and through grants from land management agencies that contract crews of WCC members to conduct trail improvement and other conservation and management projects throughout the summer months.
MONTEITH APPOINTED WYOMING EXCELLENCE CHAIR

Haub School associate professor Kevin Monteith was recently named a Wyoming Excellence Chair by the University of Wyoming Board of Trustees. Established in 2006 through the Excellence in Higher Education Endowment, these coveted state-funded endowed faculty positions are awarded to professors whose research helps to advance teaching and scholarship in areas of distinction defined in the university’s strategic plan. “Dr. Monteith’s efforts to have impact on the management of our wild and working lands are exemplary. From the classroom to the field, he demonstrates the passion and productivity that one expects from a leading scientist committed to stewardship and sustainability of our wildlife and other natural resources,” said Haub School Dean John Koprowski.

BUDOWLE RECEIVES OUTSTANDING DISSERTATION AWARD

Earlier this spring the University of Wyoming Graduate Council announced Haub School assistant professor Rachael Budowle recipient of the Outstanding Dissertation Award for 2021. Budowle, who completed her PhD in anthropology from the University of Wyoming in 2019, received the award for her dissertation “Growing Social-Ecological Community Resilience: Culturally Specific Mechanisms in Two Wyoming Participatory Food Systems Projects.” Her research investigated what she calls intergenerational resilience in two community-based participatory projects that provided home food gardens as health interventions to families on the Wind River Reservation and in Albany County, Wyoming, from 2016 to 2019. The singular annual award recognizes extraordinary dedication to the discipline and contributions to the field, and is one of the highest honors granted at the university.

THANKING ROB GODBY

After more than a year serving as acting associate dean in the Haub School, Rob Godby was recently named interim dean of the University of Wyoming College of Business. He assumed the post on May 1. During his time with the Haub School, Godby oversaw the transition to online learning amid the COVID-19 pandemic, assisted in the selection of our new dean, and he played a key role in establishing our newly approved standalone graduate degree. We thank him for his leadership and wish him all the best in future endeavors.
New Master of Science Degree in Environment, Natural Resources, and Society

Following years of preparation by the Haub School Graduate Program Committee, our new stand-alone master of science degree in Environment, Natural Resources, and Society (ENRS) was recently approved by the UW Board of Trustees. The program will immerse students in applied, practical experiences and help them develop strong skills in communication, teamwork, critical thinking, problem-solving, and collaboration. Broadly defined, ENRS will train graduate students at the interdisciplinary intersections of natural resource management, social science, policy, environmental science, natural resource economics, collaboration, and environmental problem solving. Find out more at www.uwyo.edu/haub.

Student Reflections on a Year with COVID-19

Academic year 2020-21 was a little different than most thanks to the COVID-19 pandemic. Here, Haub School students Addison Marr and Caitlin McLennan reflect on how it went.

The COVID-19 pandemic presented an abundance of challenges and possibilities to the UW community. Not only were we forced to adapt and change to an entirely different learning environment, but we also struggled with the reality of losing our senior year of college for the health and safety of our community. Despite the rapid shift to online learning, the staff and faculty at the Haub School rose to the challenge of continuing to support our endeavors. We pursued activities in the Sustainability Coalition as a way to care for the greater student body at UW, establishing the Pokes Make a Difference Fund and the Haub School Relief Fund and managing Laramie Mutual Aid. We also hosted the UW Student Food Security Summit and an in-person, socially distanced Earth Week Celebration later in the year. These accomplishments would not have been possible without the guidance of our peers, teachers, and mentors at the Haub School. Amid the uncertainty of the last year, the Haub School provided a constant pillar of support students could depend on, and for that, we are immensely grateful for their leadership and steadfast confidence in our abilities.

- Graduating seniors, Addison Marr and Caitlin McLennan
Student Awards and Scholarships

2021 Haub School Outstanding Undergraduate Award
Addison Marr BS Environmental Systems Science and ENR, minor in Sustainability
Caitlin McLennan BS Environment & Natural Resources and Political Science, minor in Sustainability

2021 Haub School Outstanding Graduate Award
Rhiannon Jakopak MS Zoology & Physiology and ENR

2020-2021 Colorado-Wyoming Alliance for Minority Participation Research Scholars
Nataly Beacham BS Molecular Biology, minor in Neurosciences, Honors Program | Boothby Lab
Daniel Carrillo BS Microbiology | Boothby Lab
Tawna Herrera BS Molecular Biology, minor in Biology, Honors Program | Bobadilla Lab
Taylor Kennah BS Wildlife & Fisheries Biology & Management, minor in Creative Writing, Honors Program | Monteith Shop
Dorcas Odogwu BS Physiology | Bruns Lab
Julio Saenz BS Computer Science, minor in Statistics | Shukla Lab

Phi Beta Kappa Academic Honor Society Inductee
Angela Zhu BS Environmental Systems Science, BS Zoology, minor in Chinese, Honors Program

Recipient, 2021 Rosemarie Martha Spitaleri and Tobin Memorial Outstanding Graduate Award
Caitlin McLennan BS Environment & Natural Resources and Political Science, minor in Sustainability

Finalist, 2021 Rosemarie Martha Spitaleri and Tobin Memorial Outstanding Graduate Award
Paige Trent BS Energy Resource Management & Development and ENR, minor in Business

Nominee, 2021 Rosemarie Martha Spitaleri and Tobin Memorial Outstanding Graduate Award
Addison Marr BS Environmental Systems Science and ENR, minor in Sustainability

Haub School Enrollment

Haub School Outstanding Undergraduate Award
Addison Marr BS Environmental Systems Science and ENR, minor in Sustainability
Caitlin McLennan BS Environment & Natural Resources and Political Science, minor in Sustainability

Phi Beta Kappa Academic Honor Society Inductee
Angela Zhu BS Environmental Systems Science, BS Zoology, minor in Chinese, Honors Program

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Nominee, 2021 Rosemarie Martha Spitaleri and Tobin Memorial Outstanding Graduate Award
Addison Marr BS Environmental Systems Science and ENR, minor in Sustainability
Narrative Contest

This spring we launched a writing and multimedia contest targeting high school juniors and seniors in Wyoming. The project is part of a new Ruckelshaus Institute initiative to explore a community-driven vision for Wyoming’s future. Titled, “A Youth Vision for 2030: Imagining Wyoming’s Future,” the contest invites submissions in several media formats (written, digital, artwork, audio or video) from Wyoming youth born on or after January 1, 2001. We seek submissions that express thoughtful ideas about where the state should be headed and the kind of culture, values, opportunities, and environment young people want. Find more information at uwyo.edu/haub/youth-vision.html.

Pole Mountain Gateways Project Continues

Following a brief hiatus due to the coronavirus pandemic, this spring we resumed our work on the Pole Mountain Gateways project. The project is led by the Ruckelshaus Institute’s Nicole Gautier, in partnership with the Laramie Ranger District of the US Forest Service. The purpose of the project is to solicit input from the public pertaining to non-motorized recreation on the Pole Mountain Unit of the Medicine Bow National Forest to inform a broad-scale USFS planning effort. We hosted a virtual informational webinar in January, followed by a virtual public engagement meeting in April. We also worked with several members of the public involved in the project to create digital StoryMaps that reflect stakeholder experiences and values in the Pole Mountain Unit. These are available to view at pole-mountain-gateways.wygisc.org/pages/storymap.

Collaboration Program in Natural Resources Update

Last August, we welcomed our eighth cohort of natural resource professionals into our Collaboration Program in Natural Resources, or CPNR. Fifteen individuals from across Wyoming and as far away as California and Connecticut representing various agencies and organizations including the Wyoming Game and Fish Department, Wyoming Department of Transportation, Wyoming’s Outdoor Recreation Office, Wyoming Outdoor Council, Yale University, and more, joined this year’s class. This is the first year the program is being directed by Deb Kleinman of Lupine Collaborative. CPNR is a 10-month training program for mid- and upper-level professionals focused on collaborative leadership and problem solving.
The next issue of our natural resource science and management magazine, Western Confluence, explores the topic of road ecology. This issue looks at ways that interstates, highways, back roads, and even trails interfere with surrounding environments, disrupting wildlife movements, disturbing birds, sending noise pollution across landscapes, and killing millions of creatures each year. We also delve into the ways roads mediate human interactions with wild places and describe the solutions researchers and engineers are developing to mitigate some of roads’ worst effects and better integrate them with the places they cross. Sign yourself or a friend up to receive the magazine or make a donation at westernconfluence.org.

Released in January, this report summarizes results from a two-phase study by the University of Wyoming’s School of Energy Resources and Ruckelshaus Institute that explores Wyoming residents’ values, beliefs, and perceptions regarding the future of the state’s energy economy. The purpose of the study was to examine Wyoming citizens’ acceptance and approval of different energy future scenarios to provide a better understanding of what Wyoming residents envision for the future. This study is also summarized in a new research brief.
SELECT RESEARCH PUBLICATIONS

Haub School faculty members authored several papers and articles in 2020–21, contributing essential new thought and understanding to inform solutions to natural resource challenges around the West and the world.


FINANCIAL STATEMENT

Income and Expenditures
Fiscal year July 1, 2020–June 30, 2021

Grant Dollars by Fiscal Year
In addition to our general income and expenditures, Haub School faculty bring in funding to support research through grants and contracts. In FY21, our faculty brought in a record $2.2 million.
OUR GENEROUS DONORS

Thank You for Your Support
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Donor Spotlight: Marion “Polly” Weber Smith

Marion “Polly” Weber Smith, of Tucson, Arizona, has a passion for community-based conservation. Her generosity to the Haub School supports students and programs through several funds:

- **John Koprowski Excellence Fund** to foster excellence and provide financial support to the Haub School
- **John Koprowski Research Fellowship Fund** to support faculty, staff, and/or graduate students associated with the Haub School
- **John Koprowski Mongolia Research Fellowship Fund** to support faculty, staff, and/or graduate students
- **Graduate Research Scholarship in Sustainable Landscapes and Livelihoods** to provide a scholarship to a graduate student conducting research concerning sustainable landscapes and livelihoods
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HAUB SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES
Academic Programs
Preparing future leaders

Research and Creative Activities
Creating new understanding

Ruckelshaus Institute
Informing sound decisions

Interdisciplinary majors and minors
Field and international courses
Partnerships across the UW campus
Inquiry spanning disciplinary boundaries
Exploration and scholarship that matters
Findings to inform better decisions
Science communication
Policy-relevant synthesis and analysis
Collaborative problem solving
WHO WE ARE

STAFF AND FACULTY

John Koprowski, Dean
Rob Godby, Acting Associate Dean
Heather Abernathy, Postdoctoral Researcher
Chicory Bechtel, Academic Advising Manager
Drew Bennett, Whitney MacMillan Private Lands Stewardship Professor of Practice
Colleen Bourque, Administrative Associate
Maggie Bourque, Associate Lecturer
Rachael Budowle, Assistant Professor, Community Resilience and Sustainability
Tyler Carroll, Wyoming Conservation Corps Project Coordinator
Kayla Clark, Assistant Lecturer
Kit Freedman, Ruckelshaus Institute Project and Outreach Coordinator
Jim Fried, Wyoming Conservation Corps Program Director
Nicole Gautier, Assistant Research Scientist
Sara Ghezzi, Outdoor Recreation and Tourism Management Professor of Practice
Matt Henry, Scholar in Residence
Jacob Hochard, Knoblock Assistant Professor of Conservation Economics
Joe Holbrook, Assistant Professor, Carnivore and Habitat Ecology
Rhiannaon Jakopak, Assistant Research Scientist
Caleb Johnson, Wyoming Conservation Corps Outreach Coordinator
Corrie Knapp, Assistant Professor, Environment and Society
Amanda Korpitz, Special Events Coordinator
Melanie Matthews, Academic Programs Senior Project Coordinator
Dan McCoy, Outdoor Recreation and Tourism Management Degree Coordinator
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Justin Sulia, Academic Programs Assistant Project Coordinator
Richard Vercoe, Associate Lecturer
SUPPORT STUDENT RESEARCH

The Pilot Hill property east of Laramie presents a unique landscape with opportunity for recreation (walking, hiking, and mountain biking) and provides significant wildlife habitat for a range of species including elk, moose, pronghorn, black bear, mountain lion, bobcat, and bald eagles. Under the direction of Haub School professors Abby Sisneros-Kidd, Joe Holbrook, and Drew Bennett, student researchers are studying the potential impacts of recreation on wildlife using a network of camera traps paired with visitor use data on the newly established Pilot Hill Recreation Area. Learn more about this project and make a contribution at uwyo.edu/haub/youfund. Your donation will go directly to support student researchers working on the project.