

Community & Natural Resources Institute

Spring 2023 Newsletter



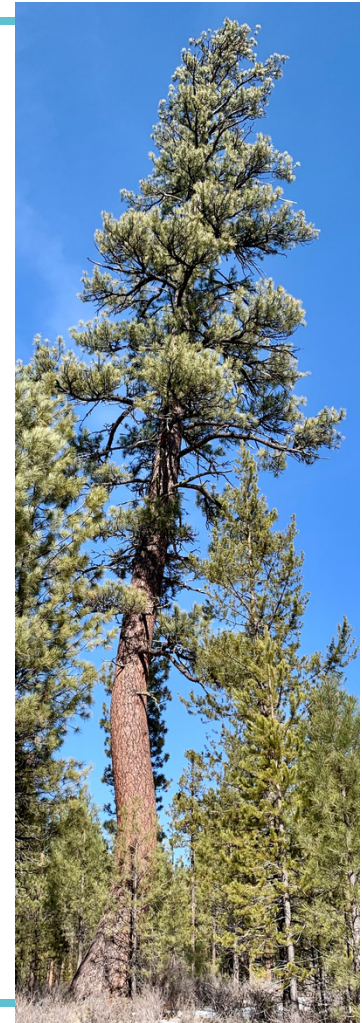
College of Humanities & Social Sciences
UtahStateUniversity

S.J. & Jessie E. Quinney
College of Natural Resources
UtahStateUniversity

Happy Summer!

It is hard to believe this academic year is over! It has been so nice to welcome new colleagues and students to USU and CANRI, hold many engaging social and academic events, and continue to expand what we do. Courtney, Betsy, and I will be working over the summer to plan events for next year around the theme of environmental and climate justice, so please don't hesitate to reach out if you have any ideas or want to be more involved in CANRI. I hope everyone gets some time to recharge this summer – I know I am looking forward to spending time away from my computer exploring our beautiful area and doing some community field work.

Jessica Ulrich-Schad
CANRI Director



The Community and Natural Resources Institute (CANRI) at Utah State University serves as a 'gathering place' for faculty and students committed to interdisciplinary research and engagement related to human and community dimensions of natural resource issues and environmental problems.

CANRI is made up of faculty, students, and staff from multiple departments across USU and is housed in the College of Humanities and Social Sciences.

New CANRI Fellow!

Dr. Betsy Brunner is a Visiting Assistant Professor in the department of Communication Studies and Philosophy at USU. She spent close to a decade researching the use of social media in environmental activism in China using qualitative and ethnographic research methods. Her current research focuses on the impacts of tourism on rural communities in the U.S. She is excited to work with CANRI to help bring together scholars from across disciplines to address environmental issues and share findings with local communities.



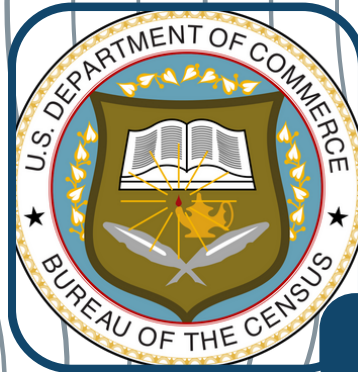
Dr. Betsy Brunner
CANRI Fellow 2023-2024

2022-2023 Speakers

CANRI sponsored fantastic speakers, events and "Lunch & Learns"!



Film Showing & Darren Parry, Shoshone Tirbal Leader and USU Faculty Member



Luke Rogers, US Census Bureau (co-sponsored with Yun Kim Pop Lab)



Dr. Matt Carroll, Professor Emeritus, Washington State University

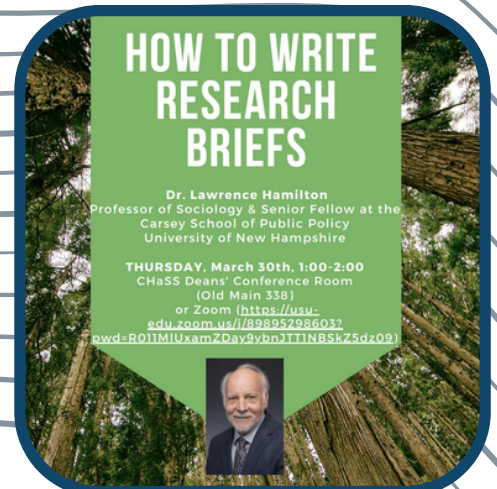


Dr. Stacia Ryder, USU Sociology

Dr. Lori Hunter, University of Colorado at Boulder



Dr. Kirsten Vinyeta, USU Sociology



Dr. Lawrence Hamilton, University of New Hampshire

2022-2023 Social Events

We like to get together to get to know each other! From the fall social at the Stokes Nature Center to happy hours, CANRI promotes fun!



2023-2024 Grad Classes

SOC6800 ENVIRONMENTAL & CLIMATE JUSTICE

• What are the historical connections between powerful actors, how society is organized, and issues of social & environmental justice & inequality?
 • How can we hold powerful actors accountable for existing inequalities, while pursuing more just environmental & climate solutions?
 • Together we will critically explore inequality & injustice across several environmental & climate contexts, using experiential learning to connect real-world issues and practices across local, national & global scales.

👤 Dr. Stacia Ryder
 🕒 Wednesdays, 1-3:30pm
 📍 Room 114A, Health Phys Ed & Recreation Building
 ⓘ More info? Email me at: stacia.ryder@usu.edu

Ecological Economics
 Fall 2023, ENVS 4350/6350
 Mondays 1:30-3p

What does it take to create a more sustainable and equitable society? Explore interconnected environmental, economic and social justice challenges. You will learn about tools to address these issues.

- And....
- CMST 6999 Science Communication (Brunner M 4:30-7)
 - ENVS 6130 Recreation Policy and planning (Wheeler W 5:15-7:45)
 - ENVS 6310 Intro to Environmental Laws/Policy (Welsh Online)
 - ENVS 6600 Natural Resources Interpretation (Monz TR 1:30-2:20 & T 2:30-5:20)
 - ENVS 6841/7841 The Socio-Environmental Research Process (Brunson MW 11:30-12:45, 1 credit)
 - ENVS 6842/7842 Methodology for Socio-Environmental Research (Crabtree MW 11:30-12:45, 1 credit)
 - HIST 6460 Seminar in Environmental History (Conte T 4:30-7)

Course announcement: Fall 2023

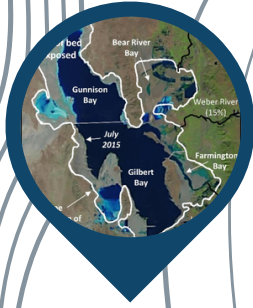
CAS 6889: Environmental Risks and Decision Making

Instructor: Dr. Peter Howe
 Email: peter.howe@usu.edu
 Credits: 1
 Classroom: JQL 234
 Schedule: Thursdays 11:15 am – 12:15 pm

How do we define risk, how does society amplify or attenuate risks, and how does the way the human mind interprets risk affect our decisions?

CANRI Highlights

Here are a few highlights from CANRI faculty and students:



Dr. Jennifer Givens and Dr. Kirsten Vinyeta received a Utah Agricultural Experiment Station seed grant:
Great Salt Lake Desiccation and Perceptions of Vulnerability across Social Difference:
A Mixed Methods Study



UPEP Survey - In spring of 2023, a group of CANRI faculty and students started the Utah People and Environment Poll, or UPEP, to track Utahns' perceptions on environmental issues of importance to the state. This is the start of an effort to create a mechanism for gathering timely, relevant, and longitudinal data on issues at the intersection of people and the environment in Utah to help inform policy to address environmental issues. Thirteen faculty across six programs and five graduate students in the SOC 7100 (Survey Methods) class included questions related to their research interests on the survey. 3,750 residents from across the state were randomly selected to participate in the mail and online survey and we contacted the Utahns who were selected to participate up to four times. We are in the process of cleaning the data and adding weights and will be publishing a series of research briefs on the CANRI website over the summer. Some of the findings from the UPEP will also be featured in the next Institute for Land, Water, and Air Report to the Governor. Be on the lookout for these results and get in touch with Dr. Jessica Schad or Dr. Jennifer Givens if you have an interest in being involved in the future.



Dr. Roslynn McCann and Dr. Edwin Stafford received the USU Office of Research and the Office of the Executive Vice President and Provost Community Engaged Faculty Award and the Intermountain Sustainability Summit Statewide Sustainability Collaboration Award, Weber State University see spotlight on Ros by WRDC [here!](#)



Dr. Claudia Radel received the Diversity and Inclusion Award from the USU Quinney College of Natural Resources



Dr. Courtney Flint received the Undergraduate Research Mentor of the Year from the USU Quinney College of Natural Resources



Sarah Wilson successfully defended her thesis on the influence of growth on community connectedness and connection with nature of residents in Utah cities.



Matt Barnett successfully defended his dissertation in December 2022 on uranium issues in the 4 Corners Region, earned the Grad Student Researcher of the Year award in Sociology, and is now a postdoc at the Univ. of Michigan!

CANRI Goals for 2023-2024

Building on our current momentum, we hope to provide continued opportunities to gather together and support CANRI-related activities!



Social Events

- Fall Social at Stokes Nature Center
- Happy Hours
- Hikes, Snowshoes, & Outdoor Fun



Guest Speakers & Lunch-n-Learns

- Opportunities to learn from each other and from visitors



Interdisciplinary Event

- Showcase faculty & student work and draw community and non-profit leaders



New Advisory Group

- Establish a cross-campus group to advise CANRI on events and future directions with faculty and graduate student representation

A Few Recent Publications from CANRI

Peer-Reviewed Journal Articles

- **Archer, S.** (2023). Vaccination, dispossession, and the Indigenous interior. *Bulletin of the History of Medicine*, 97(2).
- **Bennett, E.** Burnham, M., **Ulrich-Schad, J.D.**, Arbuckle, J.G. Eaton, W. Church, S.P., Eanes, F., Cross, J., and Williamson, M. (2023). Testing the affect of modified sense of place, conservation ethic, and good farmer identity measures on predicting the adoption of cover crops in working landscapes in Iowa. *Society & Natural Resources*. DOI/MS ID: 10.1080/08941920.2023.2177917
- Briscoe, M.D. and **Givens, J. E.** In Press. Ecologically unequal exchange and farm animal welfare: An empirical analysis using the Voiceless Animal Cruelty Index. *The Sociological Quarterly*.
- Clark, J. D., **Ulrich-Schad, J.D.**, Kovács, P., Bly, A., **Avemegah, E.** (2022). Farmer Adoption of Efficient Inorganic Nitrogen Fertilizer Management Practices in South Dakota. *Journal of Soil and Water Conservation* 77(6):568-578. doi:10.2489/jswc.2022.02152.
- **Flint CG**, Holdaway, BM, Rogers, CS. (2023). Human-river relationships depend on human-human relationships: Watershed organizations in three western U.S. states. *River Research and Applications*. 1-11. <https://doi.org/10.1002/rra.4136>
- **Flint CG, Wilson SE**, Qin H. 2023. Community-oriented action and wellbeing: Looking back to look forward. *Local Development and Society*. <https://doi.org/10.1080/26883597.2023.2165135>
- Hoominfar, E. and **C. Radel**. (2023). "Frankly my dear, I don't want a dam" in the US or in Iran: Environmental movements in differing political economies. *Social Sciences*. 12(3): 161. <https://doi.org/10.3390/socsci12030161>
- Jorgenson, A. K., Clark, B., Thombs, R. P., Kentor, J., **Givens, J. E.**, Huang, X., El Tinay, H., Auerbach, D., & Mahutga, M. C. (2023). Guns versus climate: How militarization amplifies the effect of economic growth on carbon emissions. *American Sociological Review*, 0(0). <https://doi.org/10.1177/00031224231169790>
- Lamborn, C. C., **Givens, J.**, **Lant, C.**, Roper, B., Monz, C., & **Smith, J. W.** (2023). The social-ecological system of the Kenai River Fishery (Alaska, USA). *Journal of Environmental Management*, 331, 117314.
- **Lant, C.**, Paudel, S., Mueller, K., Larson, G., **Ovando-Montejo, G. A.**, & **Givens, J.** (2023). Allocation of US biomass production to food, feed, fiber, fuel and exports. *Land*, 12(3), 695.
- Mack, E., L. Sauls, B. Jokisch, K. Nolte, B. Schmook, Y. He, **C. Radel**, G. Allington, L. Kelley, C. Scott, S. Leisz, G. Chi, L. Sagynbekova, N. Cuba, G Henebry. (2023). Remittances and Land Change: A Systematic Review. *World Development*. 168: 106251. <https://doi.org/10.1016/j.worlddev.2023.106251>
- Schmook, B., S. Mardero, S. Calmé, R. White, **C. Radel**, L. Carte, G. Casanova, J. Castelar Cayetano, J. Joo Chang. (2022). The border-development-climate change nexus: Precarious campesinos at the Selva Maya Mexico-Guatemala border. *Borders in Globalization Review* 3(2): 38-52. <https://doi.org/10.18357/bjgr32202220358>
- Schmook, B., **C. Radel**, L. Carte, and R. Johnson. (2023). In the shadow of the Green Revolution: Constrained spatial imaginaries and smallholder farming in Guatemala's Pacific lowlands. *The Professional Geographer*75(2): 305-315. <https://doi.org/10.1080/00330124.2021.2014907> (IF 1.555)
- Spangler, K., E. Burchfield, **C. Radel**, D. Jackson-Smith, R. Johnson. 2022. Crop diversification in Idaho's Magic Valley: the present and the imaginary. *Agronomy for Sustainable Development* 42: 99. <https://doi.org/10.1007/s13593-022-00833-0> (IF 7.832)

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Building on our current momentum, we hope to provide continued opportunities to gather together and support CANRI-related activities!



UPEP Survey Findings

- Present UPEP Survey findings to the public via written communications campaign and public event and seek grant or government funding for continuation of effort



Website Updates

- CANRI faculty and research expertise
- Environmentally-focused courses
- Community collaboration



Student Interaction

- Support student interaction and leadership on campus through CANRI



CANRI in CHaSS

- Expand collaborations within CHaSS while maintaining and building cross-campus connections

Upcoming CANRI Events



College of Humanities & Social Sciences
Community & Natural Resources Institute
UtahStateUniversity.



SAVE THE DATE

FALL SOCIAL

Thursday, August 31st
5:50-7:30, Stokes Nature Center
Family invited
Dinner and drinks provided

We thank everyone for continued involvement and support of CANRI efforts!



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