

Biennial Conference on University Education in Natural Resources 2022

Inclusive Natural Resources Education

Host: University of Nebraska-Lincoln

School of Natural Resources & College of Agricultural Sciences and Natural Resources

On Twitter: [#BCUENR22](https://twitter.com/BCUENR22)

AGENDA and LINKS

March 22 (Tuesday)

Times are Central Time

7:00 PM	Social Greet and Mix (one hour)
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March 23 (Wednesday)

MORNING KEYNOTES AND DISCUSSIONS

Times are Central Time

9:15 AM	Video Welcome: Greater Prairie-Chicken Lek Experience (Platte Basin Timelapse); Group Chat Mixer
9:30 AM	Welcome and Logistics: Larkin Powell, Conference Coordinator Welcome from the School of Natural Resources: John Carroll, Director Welcome from the College of Agricultural Sciences and Natural Resources: Tiffany Heng-Moss, Dean
9:50 AM	Keynote Speaker: Bryan Dewsbury, Florida International University Title: <i>Sense of place - Developing a culture of inclusion in the natural sciences</i> Discussion, Q&A with Bryan
10:45 AM	Tea Break
11:00 AM	Keynote Speaker: Joe Dauer, University of Nebraska-Lincoln Title: <i>How do natural resource students organize and make sense of a flood of biology concepts?</i> Discussion, Q&A with Joe
11:55 AM	Lunch Break
1:00 PM	Breakout Sessions and Workshops Begin

AFTERNOON BREAKOUT SESSIONS

Times are Central Time

	ROOM A	ROOM B	ROOM C	ROOM D
	Themes <i>Diversity, equity, and inclusion</i>	Themes <i>Online and virtual learning, Technology</i>	Themes <i>Course design, COVID responses</i>	Themes <i>Diversity, equity, and inclusion</i>
1:00 PM	Diversity initiatives in F&W programs <i>Mathews et al.</i>	Online student engagement <i>Poarch, Hagan</i>	Using controversial natural resources issues <i>Dauer</i>	<i>Workshop: Mentoring students of color for success in natural resources</i> <i>Erim Gomez, U. of Montana</i>
1:15 PM	<i>Break</i>	<i>Break</i>	<i>Break</i>	
1:20 PM	Natural resources enrollment trends <i>Bal et al.</i>	Professor-student interactions during pandemic <i>Fash et al.</i>	Readiness assurance testing in team-based course <i>Berger, Powell</i>	
1:35 PM	<i>Break</i>	<i>Break</i>	<i>Break</i>	
1:40 PM	Faculty and student diversity in F&W programs <i>Waits et al.</i>	Student perceptions of shift to online learning <i>Browne et al.</i>	Online prep course develops tree ID strategies <i>Wofford, Jeffries</i>	
1:55 PM	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>No activity</i>
2:00 PM	Decoloniality and anti-racism in classrooms <i>Katti</i>	Shiny: bridging real and virtual worlds <i>Tinkham, Ziegler</i>	Tension among content, skills, and assessment <i>Yahnke et al.</i>	
2:15 PM	<i>Break</i>	<i>Break</i>	<i>Break</i>	
2:20 PM	Decolonization using Native American teachings <i>Typhina</i>	Remote field experiences in wildlife and forestry <i>Roen et al.</i>	Planning a Kenya-based field course during pandemic <i>Petrillo</i>	
2:35 PM	Tea Break	Tea Break	Tea Break	
3:10 PM	Inclusive historical narratives in the curriculum <i>Baker, Morales</i>	Stakeholder collaboration in virtual classroom <i>Seaborn, Caudill</i>	Bringing outdoor labs online <i>Hagan, Poarch</i>	
3:25 PM	<i>Break</i>	<i>Break</i>	<i>Break</i>	

3:30 PM	Embedding intercultural competency skills <i>Flaherty, Karcher</i>	Using online homework submission logs <i>Ahrendsen, Foreman</i>	Faculty perceptions of the COVID-19 pandemic <i>Lamssali et al.</i>
3:45 PM	<i>Break</i>	<i>Break</i>	<i>Break</i>
3:50 PM	Centering equity in env. education <i>Chin, Nail</i>	Go mobile, fly drones! <i>Hung et al.</i>	Decision-making of STEM students during pandemic <i>Ofori-Boadu et al.</i>
4:05 PM	<i>Break</i>	<i>Break</i>	<i>Break</i>
4:10 PM	Student perceptions of env. justice <i>Pacifici</i>	Online practice tool enhances identification skills <i>Kerrigan, Jeffries</i>	Conversion of labs to outdoor individual labs <i>Larson</i>
4:25 PM	<i>End of Session</i>	<i>End of Session</i>	<i>End of Session</i>

Times are Central Time

7:30-8:30 PM	<i>Social Mixer Combined with Live Feed Crane Experience</i> <i>Audubon's Rowe Sanctuary Zoom with YouTube feed from Crane Cam with Beka Yates, Education Manager, Rowe Sanctuary. Tentative time: 7:30-8:30. Sunset 7:52pm Central.</i>
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March 24 (Thursday)

MORNING WELCOME AND DISCUSSIONS

Times are Central Time

9:15 AM	Video Welcome: Sandhill Crane Morning Flight Experience (Platte Basin Timelapse)
9:30 AM	Welcome, BCUENR 2024 proposal (Oregon State University) and discussion
9:50 AM	<i>Break</i>

MORNING BREAKOUT SESSIONS

Times are Central Time

	ROOM A	ROOM B	ROOM C	Room D
	Themes <i>Digital badges, Curriculum building</i>	Themes <i>Inclusive teaching and learning</i>	Themes <i>Experiential learning, Field courses</i>	Themes <i>Inclusive teaching and learning</i>
10:00 AM	Cobranding credentials during badging <i>Malmberg, Studdiford</i>	Online teaching tools create inclusive environment <i>Jeffries</i>	Training students to address controversy <i>Titus et al.</i>	<i>Workshop: Learning4all - getting started with Universal Design for Learning Julia Remsik-Larsen, McKinzie Sutter, & Grace Troupe University of Nebraska-Lincoln</i>
10:15 AM	<i>Break</i>	<i>Break</i>	<i>Break</i>	
10:20 AM	A global assessment of forest education <i>Rekola, Sharik</i>	Promoting constructive peer review of writing <i>Kloster</i>	Waterfowl, watercolors, and ID skills <i>Ahlers</i>	
10:35 AM	<i>Break</i>	<i>Break</i>	<i>Break</i>	
10:40 AM	Assessment of forest education in North America <i>Sharik et al.</i>	Lowering barriers: comfort in the outdoors <i>Martin, Coulson</i>	Storying telling for env. science <i>Koehler et al.</i>	
10:55 AM	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	

11:15 AM	Strategic enrollment management <i>Maller</i>	Transforming career role development for women <i>Ofori-Boadu, Sampson</i>	Gaps in expectations for summer REU <i>Silva et al.</i>	<i>Panel: Ungrading is more work and more rewarding George Hess, Faith Bradshaw, Jason Delborne, & Emma Zawacki, North Carolina State University</i>
11:30 AM	<i>Break</i>	<i>Break</i>	<i>Break</i>	
11:35 AM	Interdisciplinary team-based graduate programs <i>Wilbur & Budowle</i>	Cooperative instruction improves comprehension <i>Granger et al.</i>	Literature circles as alternative to lectures <i>Turk</i>	
11:50 AM	<i>Break</i>	<i>Break</i>	<i>Break</i>	
11:55 AM	Using open resources in large enrollment courses <i>Lupek</i>		Citizen science in the classroom <i>Smith et al.</i>	
12:10 PM	Lunch Break	Lunch Break	Lunch Break	

AFTERNOON KEYNOTES AND DISCUSSIONS
Times are Central Time

1:30 PM	Keynote Speaker: Lisa Pennisi, University of Nebraska-Lincoln Title: <i>Neurodiversity in our classrooms</i> Discussion, Q&A with Lisa
2:25 PM	<i>Break</i>
2:40 PM	Keynote Speaker: Sara Bombaci, Colorado State University Title: <i>Advancing Inclusion in Natural Resources Education: Insights from a Decade of Research and Practice</i> Discussion, Q&A with Sara
3:35 PM	<i>Conference Closing Statement and Thank You</i>

Online #MyExperience Videos

Available 24/7 during and after the conference

Inclusive teaching and learning, accessible courses, and mental health

Jumbled Judging - Assessing the impact of a new inclusive learning activity at a regional collegiate soil judging competition

Rebecca Young and Judith Turk

Gaining perspective through a photo essay

Kendra Liddicoat

Moving Towards Pandemic-Proofing Courses in Natural Resources Management

Michael K. Crosby, Jason J. Holderieath, and T. Eric McConnell*

The kids are not alright

Leah Rathbun

Mindfulness minutes: Reducing anxiety in college courses

Rebecca L. Franzen and students in NRES 483/683 Professional Development in Natural Resources

Curriculum building

Developing Global Perspectives on Climate, Food, & the Environment using the SDGs

Brianne A. Wolf

Total station for forestry and geospatial science students

Yanli Zhang, Daniel Unger, David Kulhavy, and I-Kuai Hung*

Syncing Course Objectives to Enhance Student Learning Through a Combined Research Project

Michael K. Crosby and Jason J. Holderieath*

Experiential learning, field courses, and global experiences:

Diving Into the Deep End of the River: Developing Communication Skills Through Experiential Learning

Heidi L. Adams and A. Gordon Holley*

Educational Outdoor Experiences with Preschool Children-Adapting to Urban Sprawl

Ann Spilker

Sketching your surroundings: Nature journals as a learning tool

Michael Brunson

Experiential Learning in Three Dimensions: Introducing Lidar Remote Sensing to Natural Resource Students

Stein, Rachel M., Eitel, Karla, Rachlow, Janet L.*

Interdisciplinary field courses

*Mark Chynoweth**

Investigating temporal and spatial variability of lake productivity using sediment cores

*Gschwentner, Daniel**

Pop-UP Science: Partnering with County Extension for More Impact

*Ensor, Tracy**

Course design

Using K'NEX (a Basic Fun! product) to Visually Demonstrate the Basics of the Completely Randomized Design ANOVA Model

*Paul Doruska**

Use of the Snapshot Wisconsin citizen science initiative to engage students in an introductory wildlife course

Bruce Eichhorst

Technology in teaching and learning

Introducing Students to Different Natural Ecosystems with Drones

Daniel Unger, David Kulhavy, I-Kuai Hung, and Yanli Zhang*

Add the DJI Mavic Mini2 Drone to Your Teaching Toolbox

David Kulhavy, Daniel Unger, I-Kuai Hung and Yanli Zhang*

Risk Assessment of Loblolly Pine Winter Storm Damage with Visual and Unmanned Aerial System Ratings

Alexandria Cook, David Kulhavy, I-Kuai Hung, Yanli Zhang and Daniel Unger

Students, Please Take Out Your Phones

Michael K. Crosby, T. Eric McConnell, and Jason J. Holderieath*