

12th Biennial Conference on University Education in Natural Resources
Stephen F. Austin State University • Nacogdoches, Texas
March 8-10, 2018

Thursday, March 8	
2:30pm – 5:00pm	Field Tour: Caddo Mounds State Historic Site and Mission Tejas State Park (Meet at the lobby of Fredonia Hotel)
5:00pm – 9:00pm	Conference Registration (at the lobby of Fredonia Convention Center)
7:00pm – 9:00pm	Welcome Reception / hors d'oeuvres Location: Fredonia Hotel and Convention Center

Friday, March 9																	
7:00am – 8:20am	Breakfast (Convention Center Side B)																
8:20am - 8:30am	Conference Opening Remarks (Convention Center Side A) Welcome: Hans Williams																
8:30am - 9:20am	Keynote Speaker: Tom Fleischner, Executive Director of the Natural History Institute, Prescott College <i>"Field Studies: The Essential Foundation of a Natural Resources Education"</i>																
9:20am - 10:10am	<p>Breakout Session I</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 30%; text-align: center;">Diversity and Inclusion (Center Side A)</th> <th style="width: 30%; text-align: center;">Classroom Innovation (Banita Ballroom)</th> <th style="width: 25%; text-align: center;">Distance Education (Rusk Room)</th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;">Moderator: Matthew McBroom</td> <td style="text-align: center;">Moderator: Daniel Unger</td> <td style="text-align: center;">Moderator: Jeremy Stovall</td> </tr> <tr> <td style="text-align: center;">9:20-9:45</td> <td><i>Inter-institutional Variation In Forestry And Related Natural Resources Programs In The Us In Relation To Diversity Perception On Program Websites</i></td> <td><i>Efforts To Increase Achievement Of Student Learning Goals In Communication In Natural Resources Degree Programs</i></td> <td><i>The Development And Implementation Of A Professional Master's Degree For Natural Resource Agency Employees</i></td> </tr> <tr> <td style="text-align: center;">9:45-10:10</td> <td><i>Connecting Environmental Worldviews, Justice, And The Humanities To Diversity Efforts</i></td> <td><i>3D Printing Of Land Surface Model For Undergraduate Teaching And Research</i></td> <td><i>Engaging Students Online: Development Of A Non-traditional Online Course In Maple Syrup Management And Culture Increases Interdisciplinary Undergraduate Enrollment In A Natural Resource Academic Program</i></td> </tr> </tbody> </table>		Diversity and Inclusion (Center Side A)	Classroom Innovation (Banita Ballroom)	Distance Education (Rusk Room)		Moderator: Matthew McBroom	Moderator: Daniel Unger	Moderator: Jeremy Stovall	9:20-9:45	<i>Inter-institutional Variation In Forestry And Related Natural Resources Programs In The Us In Relation To Diversity Perception On Program Websites</i>	<i>Efforts To Increase Achievement Of Student Learning Goals In Communication In Natural Resources Degree Programs</i>	<i>The Development And Implementation Of A Professional Master's Degree For Natural Resource Agency Employees</i>	9:45-10:10	<i>Connecting Environmental Worldviews, Justice, And The Humanities To Diversity Efforts</i>	<i>3D Printing Of Land Surface Model For Undergraduate Teaching And Research</i>	<i>Engaging Students Online: Development Of A Non-traditional Online Course In Maple Syrup Management And Culture Increases Interdisciplinary Undergraduate Enrollment In A Natural Resource Academic Program</i>
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10:10am - 10:40am	Break with refreshments																

10:40am - 12:10pm	Breakout Session II			
		Communication and Leadership (Center Side A)	Classroom Innovation (Banita Ballroom)	Curriculum and Assessment (Rusk Room)
		Moderator: Matthew McBroom	Moderator: Jeremy Stovall	Moderator: David Kulhavy
	10:40-11:05	<i>Teaching Communications In Forestry: How Are We Doing?</i>	<i>Green Mountain State Park: A Simulation For Teaching Park Management Techniques</i>	<i>The Role Of Accreditation In Natural Resource Programs</i>
	11:05-11:30	<i>Global Outlook On Forest Education (GOFE) - Preliminary Results Forest</i>	<i>Experiences Of Teaching A Hybrid Silviculture Course</i>	<i>Student Perceptions And Achievement In A First Year Natural Resources Class</i>
11:30-11:55	<i>Education Competency Analysis Of Recent Graduates: Interview Results From The U.S. Participation In The Global Outlook On Forest Education Project</i>	<i>Student And Instructor Generated Open Educational Resources Compare Favorably To A Traditional Textbook</i>	<i>Closing The Loop On Assessment - Modifying Courses To Ensure Proper Scaffolding Of Core Competencies</i>	
12:10pm - 1:20pm	<p>Lunch and Poster Session (Convention Center Side B)</p> <p>Announcements:</p> <p>Conference logistics & evening event: I-Kuai Hung</p> <p>Conference proceedings: Special Issue on Education, Shelby Laird</p> <p>Poster Session: 12:50pm - 1:20pm</p> <p>Posters will be set up all conference, but will be attended by authors during this time period. Please set up your posters during morning break.</p> <p><i>Accuracy Comparison Between Unsupervised Land Cover Classifications Using Landsat 8 and Landsat 7 Imagery</i></p> <p><i>Colorado State University's SUPER Program: Transforming Undergraduate Research Training</i></p> <p><i>Creating Community Awareness Through An Advocacy Service Learning Project</i></p> <p><i>Data Processing To Create Tangible Terrain Models</i></p> <p><i>Landscape Ecology Change In Surface Area Of Lake Mead From 1985 To Present, Clark County, Nevada</i></p> <p><i>Linking Extension, Research And Undergraduate/Graduate Education: A Perspective From Wood Products</i></p> <p><i>Pollinators Of The World In Art, Science, Poetry, Language And Exhibition</i></p> <p><i>Transforming Undergraduate Students: International Research Experience In East Africa</i></p> <p><i>UM's Bandy Ranch: Utilizing A Neglected Property As An Ideal Classroom For Capstone Course Projects And Student Research</i></p> <p><i>Using iNaturalist To Learn More About Vertebrates</i></p> <p><i>Volunteered Geographic Information: Engaging Students Through Crowd Sourcing</i></p>			

1:20pm - 3:00pm	Breakout Session III			
		Communication and Leadership (Center Side A)	Classroom Innovation (Banita Ballroom)	Experiential and Service Learning (Rusk Room)
		Moderator: I-Kuai Hung	Moderator: Jeremy Stovall	Moderator: Hans Williams
	1:20-1:45	<i>Strengthening Science Communication And Data Visualization Education In Graduate Students: NAU's Science Communication Certificate</i>	<i>Engaging Animal Science Students Through Alternative Learning Methods</i>	<i>Integrating Experiential Learning And Student Research Across An Environmental Science Curriculum Using A Comprehensive, Campus-based Forest Management Plan</i>
	1:45-2:10	<i>Connecting Center Directors To Undergraduate Courses To Engage Students In Local, Real World Natural Resource Management</i>	<i>Integrating Drones Within A Natural Resource Curriculum At Stephen F. Austin State University</i>	<i>An Engagement Tool In Community Planning And Design</i>
	2:10-2:35	<i>Undergraduate Enrollment Trends In Natural Resources And Environmental Degree Programs In The U.S. With An Emphasis On Diversity: An Update</i>	<i>Using Freewriting As A Learning Tool</i>	<i>Promoting Sustainable Living Among College Students: Key Programming Components</i>
2:35-3:00	<i>Factors That Influence Minority And Urban Student Interest In Natural Resource Careers</i>	<i>Impacts OF A Two Day Intensive 'Root Camp' On Sense Of Belonging And Student Retention</i>	<i>Celebrating 20 Years Of Outdoor Environmental Education For Pre-service Teachers At SFASU</i>	
3:00pm - 3:30pm	Break with refreshments			
3:30pm - 5:00pm	Breakout Session IV			
	Workshop (Center Side A)	Workshop (Banita Ballroom)	Workshop (Rusk Room)	
	Introduction: Margaret Burke	Introduction: Tosha Jupiter	Introduction: Anna Smiles-Becker	
<i>Revitalizing Natural Resources Core Curriculum: Rubric-based Assessment And Collaborative Design</i>	<i>Remember, It's A Conversation: Creating Meaningful Connections In An Instagram World</i>	<i>The Growth & Success Of A Perennial Cost-shared Internship Program</i>		
6:00pm - 10:00pm	Evening Banquet at Fredonia Convention Center Dinner will begin at 6:00pm. BCUENR 2020: University of Montana Bug Dance and PollinatorLIVE: 6:30pm - 9:00pm.			

Saturday, March 10

7:00am – 8:00am	Breakfast at Fredonia Convention Center			
8:00am - 8:20am	Transition to Forestry Building on SFASU Campus Vans available outside the hotel lobby beginning at 7:45 through 8:15am.			
8:20am - 8:30am	Remarks (Forestry 117) Welcome: Hans Williams			
8:30am - 9:20am	Keynote Speaker: Pete Bettinger, Professor of Forestry, University of Georgia <i>“University Education in Natural Resources: How Technology Empowers the Mind”</i>			
9:20am - 10:10am	Breakout Session V			
		Communication and Leadership (Forestry 117)	Undergraduate Research (Forestry 222)	Recruitment, Retention, and Advising (Forestry 221)
		Moderator: Shelby Laird	Moderator: Jeremy Stovall	Moderator: Daniel Unger
	9:20-9:45	<i>Examining Representation Of Race, Gender, And Environmental Worldviews On Advisory Boards For University Natural Resources Programs</i>	<i>Summer Undergraduate Research Internships On Dendroclimatology: Successes And Lessons Learned</i>	<i>Recruitment And Retention Efforts At University And College Levels In Times Of Declining Enrollment With Support From Private Gifted Funds To Facilitate Sustainability</i>
9:45-10:10	<i>College Professors' Perceptions On Entrepreneurship Competence</i>	<i>Population Estimation And Typology Of Undergraduate Research Experience Programs In Natural Resources</i>	<i>Curriculum Modification For Student Success And Retention</i>	
10:10am - 10:30am	Break with refreshments			

10:30am - 12:10pm	Breakout Session VI		
		Workshop (Forestry 117)	Communication and Leadership (Forestry 221)
		Introduction: Marie Vea-Fagnant	Moderator: Pat Stephens Williams
	10:30- 10:55	<i>Multicultural Scholars Program: Interdisciplinary Training In Research And Leadership For A Sustainable Future</i>	<i>Education As A Driver of Change in U.S. Forests and The Forest Sector</i>
	10:55- 11:20		<i>Improving Information Literacy In Natural Resource Policy Students' Position Statement Projects</i>
	11:20- 11:45		<i>Urban Forestry 2020: Insights Into Professionalism, Higher Education, And Career Advancement</i>
	11:45- 12:10		<i>Natural Resources Without Borders</i>
12:10pm - 1:00pm	Lunch on at the Pineywoods Native Plant Center on SFA Campus Business Meeting: If you are interested in hosting BCUENR in the future please attend.		
1:00pm - 1:15pm	Closing Remarks: Hans Williams		