10th Biennial Conference on University Education in Natural Resources Auburn University • Auburn, AL March 13-15, 2014

	Thur	sday, March 13 •					
2:30pm – 5:00 pm	Walking Tour: New LEED recreation facility and AU campus tour. Meet in AU Hotel lobby at 2:30pm.						
5:00pm – 7:00 pm	Conference Registration (at The Hotel at Auburn University reception area)						
7:00pm – 9:00pm	Welcome / Meet and Greet Reception / hors d'oeuvres Location: The Hound Pub / Restaurant, 124 Tichenor Avenue, Downtown Auburn						
	Frida	ny, March 14 •					
7:00am – 8:20am Breakfast provided in the SFWS Conference Hall & Conference Registration Vans available outside the hotel lobby beginning at 6:50am through 8:00am. 15 minute walk otherwise.							
8:20am - 8:30am	Conference Opening Remarks Welcome: Wayde Morse Dean's comments: SFWS Dean James Shepard						
8:30am - 9:00am	Keynote Speaker: Kieran Lindsey, Virginia Tech "Almost Everything You Ever Wanted to Know About MOOCS or How to Stop Grading Papers and Start Changing the World"						
9:00am - 9:15am	Break with coffee/Conference Registration						
9:15am - 10:55am	Breakout Session	on I					
		Innovations in Pedagogy: Research (Room 1221)	Partnerships and Collaboration (Room 1223)	Communication (Room 1224)			
		Moderator: Wayde Morse	Moderator: Miriam Wyman	Moderator: Emily Stutzman Jones			
	9:15-9:40	Structured team work assignments in STEM courses: An instructor's learning process Lech Muszynski	Multi-institutional collaboration to develop a renewable energy assessment program John Diaz et al.	Teaching writing in a professional development context Sarah Covert and Emily Saunders			
	9:40-10:05	Recruiting and retaining culturally diverse students in natural resource degree programs Kelly Balcarczyk et al.	Multi-campus collaborations and long term data sets: Student use of permanent forest plots to address regional or continental-scale ecological questions, using the EREN model Karen Kuers et al.	Science and citizenship in natural resources education Frans Padt et al.			
	10:05-10:30	Case comparison of geospatial learning outcomes assessment David Carr et al.	Engaging students in experimental learning: international research and cultural experience of natural resource and environmental sciences in China Yong Wang et al.	Communication courses in natural science schools: A web-based content analysis Christos Giannoulis			
	10:30-10:55	The effect of environmental education on attitudes and behavior toward biodiversity conservation: A case study in protected areas in Nepal Samridhi Shrestha	Science and the Public Interface: A Partnership to Develop Courses to Equip Informal Science Educators to Engage the Public regarding Complex and Controversial Science Topics Theresa Coble et al.	Turning field exercises into digital stories for improving communication skills Thomas Dean			

10:55am - 11:10am	Break with refreshments							
11:10am - 12:00pm	Breakout Session II							
		Innovations in Pedagogy: Experiential Learning (Room 1221)	Innovations in Pedagogy: Experiential Learning (Room 1223)	Innovations in Pedagogy: Applied Learning (Room 1224)				
		Moderator: Emily Stutzman Jones	Moderator: Beau Broadbeck	Moderator: Ferhat Citak				
	11:10-11:35	Developing future natural resource leaders through intensive on-campus experiences Philip Smartt and Joey Mehlhorn	An undergraduate model for integrating extension in the land grant university Rod Williams	Evolution and evaluation of an applied Master's program Jessica Tomaszewski				
	11:35-12:00	Designing and implementing a natural resources themed residential learning community Ethan Billingsley	Raising the bar: A new model for integrating extension in the land grant university Brian MacGowan	Poster Children: A project to improve students' research, writing, and analysis skills Sarah Vonhof				
12:00pm - 1:20pm	Lunch provided	in the SFWS Conference F	Iall and Poster Session					
	Announcement	_]					
	Conference logistics & evening event: Ed Loewenstein Journal of Forestry: Special Issue on Forestry Education; Pat Stephens Williams							
	Poster Session: 12:50pm – 1:20pm Posters will be set up all conference, but will be attended by authors during this time period. Please set up your posters on rails in hallway outside of SFWS Conference Hall during morning break.							
	• Environmental and health impacts of micro-hydro in a rural area of Nepal: A case study of a Nepalese village Chiranjibi Bhattarai							
	The Outdoor Latino Learning Initiative (OLLI): Connecting Latino Youth and Communities in South Texas to Natural Resource Education, Stewardship, and Nature-Based Opportunities Samuel Camarillo, Tamberly Conway, and Jeremy Stovall							
	Inspiration Dissemination: Science Communication for Students Joey Hulbert and Zhian Kamvar							
	Do group assignment methods affect student grades? Larkin Powell							
		hold the answer: An interactive, web-based study tool for field courses hoonover and Jackie Crim						
		The Upside and Downside of Undergraduate Teaching Assistantships Jess Stottlar and James Schofield						
	Undergraduate research as a leadership tool Pat Stephens Williams							

1:20pm - 3:00pm	Breakout Session III							
			Reaching out to Minorities (Room 1221) Moderator: Beau Broadbeck African Americans and wildlands in Alabama Xiongwen Chen		Pedagogy: Curriculum Development (Room 1223) Au Moderator: Ferhat Citak Is and first year experience class to prepare freshmen for academic success		Innovations in Pedagogy: Applied Learning (Room 1224) Introduction: Miriam Wyman Workshop: Effort matters: Specific strategies for instructors and students to support better learning and	
		1:20-1:45						
					Dean Stauffer and Kim Hodge Cowgill		greater achievement	
		1:45-2:10	Embedded research in gateway science courses as a best practice for retaining underrepresented students Donald Rodriguez Environmental Education extension programs for non-English speakers Jason Gordon		Natural resources math - the worst best class you'll ever teach James Harding Wildlife Curriculum Todd Steury		Jan Thompson et al.	
		2:10-2:35						
	l	2:35-3:00	.35-3:00 A novel pathway Native American natural resource		Integrating research a writing support to imp capstone projects			
			Anthony Davis et al.		Patricia Hartman and Emily Stutzman			
3:00pm - 3:15pm	Break with refreshments							
3:15pm - 5:15pm	W	orkshop Sessi	on I					
	(Room 1221) (Room 1223)			•	(Room 1224)			
	Introduction: Wayde Morse Introduc		Introduction	j		duction: Beau dbeck		
		Improving of thinking in resources ed through inst design	natural lucation	Communications in the natural resource classroom: How to up the ante without upping the workload		Flipped Learning In Natural Resources: How To Get Started Rich Etchberger		
			Pat Steven	Pat Stevens Williams				
6:00pm – 10:00pm	Bus pick-up for evening banquet at The Red Barn Beginning at 5:15pm, buses will pick-up participants at the SFWS for travel back to The Hotel at Auburn University. Beginning at 5:45pm busses will begin several round trips from the Hotel at Auburn University to the Red Barn. The Hotel to the Red Barn is about a 20 minute walk otherwise.							
	Traditional Southern dinner will begin at 6:00pm. Musical entertainment from WireGrass from 6:30-9:00pm. Busses stop running at 10:00pm.							

Saturday, March 15 ●								
7:00am – 8:00am	Breakfast provided in the SFWS Conference Hall							
0.00		Vans available outside the hotel lobby beginning at 6:50am through 8:00am. 15 minute walk otherwise.						
8:00am - 8:30am	Keynote Speaker: Eve Brantley, Auburn University "Ex-Stream Makeover - Building a Better Creek One Student at a Time."							
8:30-8:45am		ak with coffe		setter Cre	eek One Studer	itata IIIIi	e	
8:45am - 10:00am	Breakout Session IV							
			Innovations in Pedagogy: Field Courses (Room 1221)		Service, Learn Internships (Room 1223)	ing, and	Innovations in Pedagogy: Applied Learning (Room 1224)	
			Moderator: Way	de	Moderator: N	Miriam	Introduction: Ferhat	
		8:45-9:10	Student research g resource protection improved visitor experience in Cana mountain national	resource protection and improved visitor experience in Canada's mountain national parks Diane Draper and Kathy Rettie		gram on ıral hazards n a Mexican	Citak Panel: Developing Student Writers Emily Stutzman Jones et al.	
		9:10-9:35	Creating experient	The wild side of education: Creating experiential undergradu ducation opportunities at public universities Oscar Fraust Undergradu Undergradu Undergradu Undergradu Undergradu Undergradu				
		9:35-10:00	Providing the essential foundation: Learning about forest ecosystems in the includes the basis for their programment.		Two years in: r on the PINEMA undergraduate program John Kidd et al.	P		
10:00am - 10:15am	Bre	ak with refre	shments					
10:15am - 11:45am	Wo	rkshop Sessic	on II					
		(Room 1221)		(Room 1	223)		(Room 1224)	
		Introduction: Sustainability Thinking Proc	and Systems esses as a r Understanding g Natural	ody Cox Introduction: Miri ad Systems Producing Society- ses as a Foresters: A Reseau Understanding Process to Revise to Natural Forestry Curriculum		sed in	Introduction: Wayde Morse Broadening and Deepening Service-Learning Partnerships Annette Moore et al.	
11:45am - 12:45pm	Lunch provided in the SFWS Conference Hall Business Meeting: If you are interested in hosting BCUENR in the future please attend.							
12:45pm – 1:35pm	Breakout Session V							
			Service, Learn (Room 1221)				ons in Pedagogy: Applied (Room1223)	
				Moderator: Wayde Morse		Moderator: Ferhat Citak		
		12:45-1:10	An overview of t at the University Point College of recent developm	An overview of the internship program at the University of Wisconsin - Stevens Point College of Natural Resources - recent developments and implications of the summer 2013 unpaid internship court ruling		Technology for integrating and grading diverse styles in a large writing-intensive introductory environmental science course Robert Harrison		
		1:10-1:35		Service learning basis of the forestry capstone at the University of Montana Beth Dodson Integrating tablet technology in forestry field exercises Andrew Sánchez Meador et al.			eld exercises	
1:35pm - 1:45pm	Clo	sing Remarks	: Wayde Morse &	Ed Loew	enstein			

Keynote: Friday Kieran Lindsey, Ph.D.

Kieran Lindsey is an urban wildlife biologist and Associate Director of Online Programming with the Center for Leadership in Global Sustainability (CLiGS) at Virginia Tech's College of Natural Resources and Environment. She was first introduced to the virtual classroom as a graduate student, then used this experience to inform her approach to online courses design as a post-doc for Virginia Tech's Master of Natural Resources degree program. As Director of the Natural Resources Distance Learning Consortium (2009-2013), Dr. Lindsey helped to raise awareness and acceptance of online education in university natural resource curricula. A commitment to providing natural resource professionals with access to professional development opportunities, and to broadening the audience for environmental courses, has been a primary motivation behind Kieran's interest in Internet-based education technologies. Public outreach is another passion, one that has caused her to flirt with various forms of traditional and social media over the course of her career—as a columnist for the *Houston Chronicle* newspaper (1998–2001); as the producer, writer and host of Wild Things Radio!, aired by National Public Radio affiliate KUNM-FM in Albuquerque, NM (1999-2001); as the producer of an Emmy® Award winning educational documentary feature for PBS (1998); and on her blog, Next-Door Nature. Most recently, Kieran has the dubious honor of serving as Animal-Vehicle Biologist at *Car Talk*, one of NPR's most popular shows.

Keynote: Saturday Eve Brantley, Ph.D.

Eve Brantley is an Assistant Professor with the Auburn University Department of Crop, Soil and Environmental Sciences. She also serves as the Alabama Cooperative Extension System Water Resource Specialist. Eve has worked as a local watershed coordinator, facilitator for the Coastal Alabama Clean Water Partnership, and coordinator of a citizen water-monitoring program. Her degrees are from Berry College, Clemson University, and Auburn University.