



# Western Forestry Graduate Research Symposium

Friday, April 22nd, 2016

Richardson Hall | College of Forestry | Oregon State University

RH Room 107		
9:00	Registration for Presenters   Coffee, Tea & Pastries	
9:30	Welcoming Remarks & Keynote Speaker Mike Letnic	
RH Room 107	RH Room 115	
10:30	Using Remotely-sensed Topographic Information and Surface Soil Observations to Quantify Productive Potential of Forest Areas in Western Oregon - Henry Rodman	Effects of Mountain Pine Beetle Mortality on Harvesting Productivity and Costs - Yaejun Kim
10:50	Putting Riparian Buffers to the Test: Quantifying Shallow Subsurface Runoff and Sediment Transport Through Forested Buffers in the Rocky Mountains - Kira Puntenney	Optimal Timber Harvest and Fuel Treatment on a Fire Threatened Landscape using Approximate Dynamic Programming - Chris Lauer
11:10	Exploring Controls on the Temporal and Spatial Variation of Surface Water Stable Isotopes in the Marys River Basin, Oregon - Lydia Nickolas	Fuel Treatment Longevity in the Blue Mountains of Oregon - Kat Morici
11:30	Impacts of Short Term Heat Stress on Coffea arabica Assessed from Chlorophyll Fluorescence, Carbohydrate Dynamics, Gas Exchange, and Carbon Isotope Discrimination - Danielle Marias	Overstory Structure and Community Characteristics of Oregon Ash (Fraxinus latifolia) Forests of the Willamette Valley, Oregon - Sean Prive
11:50	Identifying constraints on Site Carrying Capacity for Douglas-Fir: Maximum Stand Density following Nitrogen Fertilization - André Faria	Silvicultural Alternatives for Creating Resiliency in Ponderosa Pine Forests - Seth Ayotte
12:10	Determining the Impacts of Climate, Disturbance, and Nutrient Amendments on Earlywood/Latewood Widths in Douglas-fir - Derek Gourley	Seasonal Water Use by Mature Ponderosa Pine after Restoration: Does Thinning Intensity Matter? - Randi Shaw
Peavy Courtyard*		
12:30	Poster Session & Lunch   *Weather permitting	
RH Room 107	RH Room 115	
1:30	Initial Studies on the Diversity of Spalting Fungi in the Southern Amazon Forest of Peru - Sarah Vega Gutierrez	Stochastic Simulation of Harvesting System Alternatives - Ji She
1:50	Fuels Treatments of Ponderosa Pine in the Blue Mountains of Eastern Oregon: A Mycorrhizal Perspective - Ben Hart	Modeling the Economic Potential of Silvopasture Management Regimes in Eastern, North Carolina and Northeastern, Oregon - Sonia Bruck
2:10	Effect of Overstory Environment, Species, and Tree Size on Ice Damage to Understory Trees in a Mature Douglas-Fir Forest - James Priebe	Understating the Forest Degradation Through the Integration of Ecological Theories - Daniel Soto
2:30	Novel methods: Discovering Strategies for Generation of Structural Diversity and Revenue in Tiny Forests - Julian Geisel	Seeking the "Everyone Wins" Scenario: Using New Markets and Technologies to Approach Old Problems - Joshua Petitmermet
2:50		From Intention to Action: Understanding Barriers and Facilitators for Pro-Environmental Behavior - Luciana Leite
RH 1st Floor Knuckle		
3:10	Afternoon tea with the Diverse Perspectives in Forestry Group (DPFG)	
RH Room 107		
3:30	World Café Discussion Hour with CoF Faculty	
4:30	Closing Remarks	
McMenamins at 2001 NW Monroe Avenue		
5:30	Mixer & Awards - awards to be announced at 6:00 pm.	

**Don't forget to join the CoF and DPFG for the Earth Day Volunteer Event from 10 to 1 on Saturday the 23rd!**  
 We will be doing forest restoration at Beazell Memorial Forest with the Institute for Applied Ecology.  
 Email [randi.shaw@oregonstate.edu](mailto:randi.shaw@oregonstate.edu) for more details.

Questions or comments? Email [WFGRS@oregonstate.edu](mailto:WFGRS@oregonstate.edu)