

# SCHOOL OF FOREST RESOURCES

UNIVERSITY OF WASHINGTON

## GRADUATION CELEBRATION

JUNE 11, 2010

KANE HALL, ROOM 120

2:00 PM

### WELCOME

*Tom Hinckley, Acting Director and Professor*

### SCHOOL OF FOREST RESOURCES ALUMNI ASSOCIATION

*Tom Hanson ('71), President, Board of Trustees*

### KEYNOTE ADDRESS

*Janet Wainwright ('75)*

### GRADUATE STUDENT SPEAKER

*Jason Scullion*

### PRESENTATION OF GRADUATE STUDENTS BY FACULTY

### UNDERGRADUATE STUDENT SPEAKER

*Jason Sharp*

### PRESENTATION OF UNDERGRADUATE STUDENTS BY FACULTY

### CLOSING COMMENTS

*A reception will be held in the courtyard behind Anderson Hall  
immediately following the program.*

# 2009-2010 GRADUATES

## Doctor of Philosophy

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### Joanne Ho

Wildfire and Weather in Southern California: An Exploratory Quantitative Assessment

### Van R. Kane

Patterns of Forest Structural Complexity Studied with Airborne LiDAR Data

### Brian Kertson

Cougar Ecology, Behavior, and Interactions with People in a Wildland-Urban Environment in Western Washington

### Stanislav Petrusek

Real Options Analysis of Price Risk in Forestry Investments

### Natalia Raffaelli

Interactions of Lignosulfonates in the Soil Environment

### Lin Robinson

The Urbanization of Second Growth Forests in the Pacific Northwest: Land-Use Change, Fragmentation, and Policy Implications

### Stanley Rullman

Influences of Urban Landform on Raptor Presence and Predation

### Thomas Unfried

Song Sparrow (*Melospiza melodia*) Population Structure and Connectivity in a Fragmented Urban Landscape

### Bill Webb

Demography, Gene Flow, and Nest Predatory Behavior of the Common Raven (*Corvus corax*) in a Temperate Rainforest

### Clint Wright

Simulating the Effects of Disturbance and Fuelbed Succession on Spatial Patterns of Fuel, Fire Hazard, and Carbon, and Fuel Consumption in Shrub-dominated Ecosystems

## Master of Science

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### Royce Anderson

Microarthropod Distribution in the Canopy Soil of a Sitka Spruce (*Picea sitchensis*) on the Olympic Peninsula, Washington

### Jane Atkins

Analyzing Incentives: Forest Policy in Ghana and Perceptions of Indigenous Forest Trees Among Rural Cocoa Farmers in Ashanti-Akim

### Aaron Brooks

A Hydrological Assessment of Sockeye Salmon Spawning Beaches On Lake Ozette, WA

### John Burk

Premise toward Implication of Summer Range Location and Quality on Winter Range Fitness and Condition of Rocky Mountain Mule Deer in Chelan County, Washington

### Lisa Ciecko

Effects of Mulch, Irrigation, and Irrigation Gel on the Establishment of Conifer Seedlings at Seattle Forest Restoration Sites

### Michael Clawson

Use of Age-At-Harvest Information to Inform Wildlife Management

### Wendy DesCamp

*Lamium galeobdolon* subsp. *argentatum*: An Invasive Plant Species in the Pacific Northwest

### Jana Dilley

Using Community Based Social Marketing to Increase Urban Forest Canopy Cover on Residential Property

### Erin Donley

Strategic Planning for Water Rights Acquisitions in the Central Columbia Basin: an Assessment of Regional Streamflow Response to Climate Change

### Jessica Farmer

Variations in Types of Major Funding Partnerships in College and University Gardens

### Justina Harris

Urbanization and *Picea sitchensis*: A Case Study of Change over Time and Space in Swamp Creek Watershed

### Nate Hough-Snee

The Effects of Flooding, Fertilization, and Initial Plant Size on the Growth and Physiology of Two Carices: Implications for Wetland Restoration

**Pop Janviriyasopak**  
Influence of Furnish Properties on Runnability of Thermomechanical Web

**S. Trevor King**  
Factors Affecting the Growth and Survival of Douglas-Fir on a Reclaimed Coal Mine near Centralia, Washington

**Katherine Kurtz**  
Quantification of the Long-Term Effects of Organic Soil Amendment Use: Carbon, Nitrogen, Bulk Density, and Water-Holding Capacity

**Anna Leon**  
Chemical Alternatives to Methyl Bromide for Control of *Fusarium oxysporum* and *Fusarium commune* in Douglas-fir Nurseries in the Pacific Northwest

**Hong Lin**  
Application of Ceramic Membranes to Recover Hemicellulose from Alkaline Peroxide Pretreated Wheat Straw

**Sonja Lin**  
Conservation Easements as a Strategy to Retain Washington's Working Forests: An Economic Analysis of Small Forest Landowner Preferences Using Spatially-Explicit Data

**Rachel Lipsky**  
Stakeholder Input in Puget Sound Nearshore Restoration: An Application of the Advocacy Coalition Framework

**Christina Lyons-Tinsley**  
Forest Heterogeneity and Surface Fuels Affect Wildfire Severity in a Mixed Conifer Forest, Eastside Cascade Range, Washington, USA

**Ziyu Ma**  
Understory Light and Its Effect on Photosynthesis in Conifer Saplings

**Katherine Murray**  
Spatial and Temporal Analysis of Chinook Salmon Redds from Historical and Current Aerial Surveys on the Cowlitz River, Washington

**Diane Nelsen**  
Reactor Performance and Microbial Community Dynamics in Anaerobic Co-Digestion of High-Lipid Food Waste with Sewage Sludge

**Rick Pringle**  
The Role of the U.S. Forest Service in Open Space Conservation in Washington State

**Lydia Putnicki**  
Taxonomy of Powdery Mildews on *Rhododendron* spp. in the Pacific Northwest.

**Jorge Ramos**  
Multi-scale Influences on Aquatic-Breeding Amphibian Distributions and the Consequences of Urbanization on Their Future Potential Habitat in the Puget Sound Region

**Jason Scullion**  
The Political Ecology of Payments for Ecosystem Services Programs: A Case Study of Coatepec, Mexico

**Ben Shryock**  
The Effects of Urea Fertilization on Carbon Sequestration in Douglas-fir Plantations of the Coastal Pacific Northwest

**Andrew Trlica**  
Mitigation of Climate Change through Land Reclamation with Biosolids

**Karen Webster**  
Effects of Prescribed Fire on Understory Vegetation in Mixed-Conifer Forests of the Southern Sierra Nevada, California

**Ping Xu**  
Genetic Analysis of Endophytic Yeast Strains from Poplar

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## Master of Forest Resources

Brian Bragg

Philip Monsanto

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## Master of Environmental Horticulture

Kathleen DeMaria

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# 2009-2010 UNDERGRADUATES

## Bachelor of Science/Bachelor of Science in Forest Resources

### ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT

Adrienne R. Acosta (Wildlife Conservation Option)  
David M. Armes  
Molly A. Barth\*  
Gabrielle C. Beaudin\*  
Bruce L. Benson  
Kristin C. Bergstrom (Wildlife Conservation Option)  
Danielle J. Blair (Restoration Ecology/Env. Horticulture Option)  
Kacee J Bootsma  
Jedediah Bryce  
Annamaria I. Clark (Wildlife Conservation Option)  
Patrick M. Clune  
Alexandre F. Cross  
Megan S. Davis\*  
Courtney L. Gaylord  
Chelsea M. Gill  
Stephanie R. Grubb (Restoration Ecology/Env. Horticulture Option)  
Kevin B. Hagglund (Wildlife Conservation Option)  
Frosty D. Hance (Sustainable Forest Mgmt Option)  
Daniel I. Handler (Sustainable Forest Mgmt Option)  
Anton K. Hevener (Sustainable Forest Mgmt Option)  
Dylan M. Holm (Restoration Ecology/Env. Horticulture Option)  
Kimberly A. Jones (Restoration Ecology/Env. Horticulture Option)  
Elizabeth J. Keeley  
Jae H. Kim  
Lindsey R. Kirschman  
Steven M. Kloss  
Jennifer K. Lahaela\*  
Alana J. Lautensleger  
Andrew G. Lurker  
David R. MacKovjak (Wildlife Conservation Option)  
Cierra S. Maib  
Douglas R. Marconi, Jr.  
Sarah L. Martin  
Jesse L. McCarty\*  
Timothy J. McDonald  
Brittany C. Middleton (Wildlife Conservation Option)  
Andrea C. Odle  
Olagoke M. Olatunji  
Conor L. O'Malley

Kristen L. Omori  
Tess O. Paganelli  
Billie S. Perez \*\*  
Kirsten M. Randolph (Wildlife Conservation Option)  
Scot T. Rastelli  
Diana M. Rayo\*  
Kristen A. Richardson  
Kimberly P. Roper  
Jason M. Saura\* (Wildlife Conservation Option)  
Erin L. Scanson (Landscape Ecology/Conservation Option)  
Robert B. Schmitt  
Hunter P. Schulz  
Aarin Sengsirirak  
Jason E. Sharp  
Kelly R. Spady  
Christine D. Sprunger+  
Paul F. Stevick (Wildlife Conservation Option)  
Keith G. Stoner  
James M. Syvertsen  
Rony Thi  
Abigail D. Thomas (Wildlife Conservation Option)  
Carly J. Thornburg  
Tuan Q. Truong (Wildlife Conservation Option)  
Joseph Wahlgren  
Andrea L. Watts\* (Sustainable Forest Mgmt Option)  
Charles R. Wenger  
Sean R. Williams\* (Wildlife Conservation Option)  
Alex K. Win+

### PAPER SCIENCE AND ENGINEERING

Kevin M. Aldrich  
Sabrina J. Burkhardt  
Brandon M. Huggins  
Melissa A. Kaplan  
Zac A. Mahlum  
Eric Y. Zhao (Business Option)

#### ~ BACCALAUREATE HONORS ~

**BASED ON WINTER 2010 GPA**

\* Cum laude (min. 3.68 GPA) \*\* Magna Cum Laude (min 3.81 GPA) \*\*\* Summa Cum Laude (min. 3.89 GPA)

#### ~ DEPARTMENTAL HONORS ~

**BASED ON WINTER 2010 GPA AND COMPLETED HONORS THESIS, RESEARCH, OR COURSE**

Min. 3.3 UW GPA and min. CFR GPA of 3.5 - Notated with a "+"