

COLLEGE OF FOREST RESOURCES UNIVERSITY OF WASHINGTON



GRADUATION CELEBRATION

JUNE 8, 2007
KANE HALL, ROOM 120
2:00 PM

WELCOME

Bruce Bare, Dean

COLLEGE OF FOREST RESOURCES ALUMNI ASSOCIATION

Robert Dick '74

KEYNOTE ADDRESS

Nalini M. Nadkarni '83

GRADUATE STUDENT REPRESENTATIVE

Mark Swanson

PRESENTATION OF GRADUATE STUDENTS BY FACULTY

UNDERGRADUATE STUDENT REPRESENTATIVE

Royce Anderson

PRESENTATION OF UNDERGRADUATE STUDENTS BY FACULTY

CLOSING COMMENTS

*A RECEPTION WILL BE HELD IN THE COURTYARD BEHIND ANDERSON HALL
IMMEDIATELY FOLLOWING THE PROGRAM.*

COVER ILLUSTRATION OF ANDERSON HALL BY:
PROFESSOR GORDON BRADLEY, COLLEGE OF FOREST RESOURCES

THANK YOU TO THE COLLEGE OF FOREST RESOURCES ALUMNI ASSOCIATION FOR THEIR SUPPORT

2006-2007 GRADUATES

Doctor of Philosophy

Christopher R. Ashley

A Fundamental Examination of the Interactions between Thermo-Mechanical Pulp and Water in the Presence of Alkenyl Succinic Anhydride.

Jean Daniels

An Economic Assessment of the Lumber Manufacturing Sector in Western Washington.

Heida Diefenderfer

Restoration Trajectories of Tidal Forested Wetlands of the Columbia River, U.S.A.

Jeff Hatten

Fire Intensity and Prescribed Fire Effects on Soil Organic Matter.

Finn T. O. Krogstad

Evaluating the Validity of Research Implications.

Jeremy S. Littell

Climate Impacts to Forest Ecosystem Processes: Douglas-fir Growth in Northwestern U.S. Mountain Landscapes and Areas Burned by Wildfire in Western U.S. Ecoprovinces.

Elaine E. Oneil

Developing Stand Density Thresholds to Address Mountain Pine Beetle Susceptibility in Eastern Washington Forests.

Ming Qiao

Fundamental Study of Kraft Pulp Kappa Uniformity.

Hakjun Rhee

Inferring Traffic Induced Sediment Production Processes from Forest Road Particle Size Distributions.

Lin Robinson

The Urbanization of Second Growth Forests in the Pacific Northwest: Ecological Impacts and Policy Responses.

Lizbeth Seebacher

Phalaris arundinacea Control and Riparian Restoration within Agricultural Watercourses in King County, Washington.

Brian D. Strahm

Abiotic Retention Mechanisms for Organic and Macronutrient Anions in Variable-Charge Soils.

Mark E. Swanson

Measurement and Management of the Forest Carbon Resource in the Nothofagus Forests of Tierra del Fuego, Chile.

Jay L. Watson

Collective Action Problems and Cumulative Effects: Addressing Pollution of Marine Waters in Hood Canal, Washington.

Kara A. Whittaker

Post-Fledging Mobility, Survival, and Habitat Use and Adult Site Fidelity of Forest Songbirds in an Urban Landscape.

John C. Withey

Interactions among American Crows, Breeding Songbirds, and Forest Function, and their Responses to Urbanization.

Master of Science

Nicholas J. Brazee

The Ecological Role of Armillaria spp. in an Old-Growth, Temperate Rainforest, Olympic Peninsula, Washington.

Lorraine Brooks

Can Commercial Wildflower Seed Mixes Contribute to the Spread of Invasive Species?

Darci M. Carlson

Bark Beetle-Root Rot Dynamics in Grand Fir.

Maria F. Castillo

Ecological Effects of Different Fire Regimes in Pine-Oak Forests in Sierra de Manantlan Biosphere Reserve, Mexico.

Ingrid D. Clausen

The Use of Iron Amended Bio-solids Compost to Reduce Lead and Arsenic Bioavailability in Situ.

Corinne E. Conner

Perceptions of Recreation Impacts in the Subalpine Wilderness of Mount Rainier National Park.

Dana Devin-Clarke

Fate and Degradation of 4-Nonylphenol in Applied Bio-solids.

Cynthia M. Flint

Effect of Urea Fertilization on Nitrogen Leaching Fluxes in Douglas-Fir Plantations in the Hood Canal, Washington.

Miki R. Fujikawa

Satisfaction, Service Quality, and Behavioral Intention at Diamond Lake.

Ann A. Gibson
Influence of an Experiential Education Program on Responsible Environmental Behavior in Youth.

Anna M. Heckman
Soil Property Differences Associated with English Ivy Infestations in Seattle Green Spaces.

Anna E. Hohl
Understanding Interactions between Federal Wildland Fire Managers and the Scientific Community: Building a Foundation for Adaptive Management.

Christopher James
Evaluation of Stream Restoration Projects in Washington State.

Michael J. Jensen
Open Space Preferences and Voluntary Provision: A Comparative Study of the Public Benefit Rating System in Participating Washington Counties.

Theresa A. Klepl
Investigating Plot Data Projection Versus Aggregated Stand Data Projection on a Variable Density Thinning Using a Distance Independent Model.

Michael R. Kroeger
Identifying Western Washington Deer Mouse Species (*Peromyscus maniculatus* and *Peromyscus keeni*) Using Molecular Techniques and Improved Morphological Analyses.

Hideaki Kubota
Projection of Wood Pulp and Paper and Paperboard.

Jennifer E. Leach
Invasion by *Buddleja davidii*: Impacts on the Geomorphology of a Gravel Bar in the Tolt River, Washington.

Carrie Lee
Evaluating the Forest Stand and Washington State Level Feasibility of Methanol Production from Woody Biomass.

Adam Lewis
A Meta-Analysis of Contingent Valuation Studies Relating to Endangered Species.

Melissa A. Martin
Native Plant Performance on a Seattle Green Roof.

Philip G. Monsanto
The Effects of Salvage Logging on Coarse Woody Debris Dynamics in Dry Forests after Stand Replacement Fire, Entiat Watershed, Okanogan and Wenatchee National Forests.

Toru Nakamura
An Efficiency Evaluation of Japanese Private Landowners Management.

Kenneth Peer
Soil and Foliar $\delta^{15}\text{N}$ along the Elwha River of Western Washington.

Bethany Plewe
Comparison of Qualitative and Quantitative Measurement of Cobble Embeddedness in Pacific Northwest Streams.

Annalissa J. Ritchie
Baseline Ecological Assessment of Three Headwater Streams in and around La Cangreja National Park, Costa Rica.

Warittha Rungruangpaisalsuk
The Effect of Hardwood on Print Mottle.

Chaitad Santiparp
Wettability and Surface Energy of Heat-treated and Alkali-treated Harakeke Fibers for Epoxy Composites.

Laura J. Six
Substrate Effects on Morphology and Biomass Allocation of Forest Understory Plants.

Sierra L. Smith
Arbuscular mycorrhizal fungi and the Restoration of Abandoned Agricultural Land in the Pacific Northwest.

Carson B. Sprenger
Fire History of a Douglas-fir-Oregon White Oak Woodland, Waldron Island, Washington.

Skip Swenson
A Meta-Analysis of Discounting Studies with Applications for Conservation Easements.

Neungtip Tatirat
Influence of Surface Topography on Printing Mottle.

Julia Helen Tracy
Investigating the Aquatic Ecology of University Slough before and after its Connection to Ravenna Creek.

Nick Vaughn
A Model to Grow Young Plantations of Douglas-fir in the Pacific Northwest Incorporating the Effects of Density and Competing Vegetation.

Sanjeev Yadav
X-ray Microtomography to Examine Wood Structure.

Yuan Yuan
Forest Certification and its Influence on International Trade of Forest Products Industry in China.

Master of Forest Resources

Brian A. Maier
Joshua Misener

Daisuke Sakuma
Nicholas A. Spang

Brian J. Spradlin
Carrie E. Spradlin

Master of Environmental Horticulture

Amanda K. Stuckey

Deborah Brown

2006-2007 UNDERGRADUATES
Bachelor of Science in Forest Resources

**ENVIRONMENTAL
HORTICULTURE AND
URBAN FORESTRY**

Nathaniel D. A. Sherrod

**ENVIRONMENTAL
SCIENCE AND RESOURCE
MANAGEMENT**

Royce E. Anderson*+
Bjorn Begelman
Matthew M. Blair
Brian J. Boehm
Steven G. Campbell+
Jesse S. Cartwright
Tiffany Y. Chiang
Katherine A. Clayton
Patrick R. Clemo
Thomas G. Coburn
Brian E. Cook
Heather N. Cornell
Jesse C. Day
Tamra A. H. Dickson
Joshua D. Doonan
Walter N. Ducharme
Jason M. Emsley
Faizal H. Fauzi
Paul W. Footen *+
Robert J. Franco
Simone P. George
Rachel K. Greenhalgh
Jacob D. Grinolds
Joy N. Hein
Lauren M. Hendrickson
Forest F. Hietpas
Shawnee F. T. Hinman
Sarah C. Hoff

Neal A. Jander
Devin M. Johnson
Holly E. Jones
Patrick H. Kendzierski
John A. Kenney
Christine D. Larkin
Jennifer N. Lawson***
Kwok P. Leung
Phongphayome Manivong
Mercedes Mijares
Joseph C. Neilson
Aaron J. Newhouse
Andrea C. Odle
Emily A. Okal
Jared R. Osborne
Monika J. H. Panfiglio
Jacob R. Pedersen
Stephanie A. Peterson
Aharon P. Poorman
Kindra N. Reynolds-Sherrill
Kellen W. Ryan
Benjamin A. Sachs
April E. Sanderson
Mary R. Schomaker
Emily A. Slayton
Melanie E. Welch
Jason J. Wells

FOREST MANAGEMENT

Ross A. Braine
Masako P. Hirata
Rita C. Unune

**PAPER SCIENCE AND
ENGINEERING**

David M. Mong
Kevin K. Andersen
Tyler A. Campbell
Valerie L. Coad
Christopher J. Howard
Brian D. Jackson
Charlene M. Krum
Drew M. Orthmann
Jeffrey A. Ross
Aaron M. Saks
Jason Y. Tsun
Jun W. Xu

**SUSTAINABLE RESOURCE
SCIENCES**

Windy L. Madden

WILDLIFE SCIENCE

Iwona L. Kaczynski
Shawn A. Lentz
Lucas B. Mallon
Phu T. Van

~ **BACCALAUREATE HONORS** ~
BASED ON WINTER 2007 GPA

* **SUMMA CUM LAUDE** *** **CUM LAUDE**

+ **DEPARTMENTAL HONORS**