

2011-2012 UNDERGRADUATES
Bachelor of Science / Bachelor of Science in Forest Resources

Environmental Science and Resource Management Major

Jennifer J. Abbott (REEH)	Hannah R. Harper*	Sarah U. Rash (WILD)
Elizabeth A. Allen	Dustyn K. Hirota	Daniel C. Rikard
Traci S. Amico	Robert M. Hubner	David S. Roman
Peter D. Anderson	Chelsey V. Jay (REEH)	Marcia A. Rosenquist
Shannon A. Armitage (SFM)	Morgan E. Jones (SFM)	James A. J. Sawyer
Christopher R. Baines	Pamela A. Kennedy	Daniel A. Schafer
Samuel S. Barr	Tae S. Kim	Andrew M. Schene
Christopher A. Berg	Danielle N. Lange	Ben M. Silver
Rebecca G. Boyd	Ha-Neul Lee	Eric L. Snoozy* (SFM)
Xincai Cai (REEH)	Julie Lefaive (REEH)	Marlena M. Staton (WILD)
Yong Y. Cao (LEC)	Rachel M. Mangan (WILD)	Aby A. Takanohara+
Valerie R. Chu (LEC)	John O. Mazzacavallo (SFM)	Kerwin S. Talbot
Anna K. Cleveland (SFM)	Robin C. McArdel* (WILD)	Dereje S. B. Tesfa
Christopher J. Cowell (REEH)	Jeffrey T. Miller	Alex D. Thomas*
Noel M. Daniel (REEH)	Falon M. Miranda	Nina Tran
Matthew R. Davis	Megan M. Morey	Robyn L. Turner
Jake A. Dawe	Hannah L. Morrison	Elizabeth K. Valluzzi
Brett A. Devlin	Michael R. Naegel	Thomas J. Vanness
Kevin W. Dillon**	Jonathan L. Nahakuelua	Jordan A. Veasley (WILD)
Megan E. Erickson	Napha T. Nammathao (REEH)	Jacqueline D. M. J. Walls (WILD)
David W. French**	Jake J. Neupert	Luke A. Warthen
Haley D. Galbraith	Kevin Nguyen (REEH)	Mallore J. Weinheimer
Cassie M. Gamm	Andrea R. Nichols (WILD)	Monica B. White (WILD)
Lyndsay L. Gordon (WILD)	Jesse T. O'Neill	Kelly A. Wilkinson
Jessica N. Gray (WILD)	Sarah P. Otto-Combs**	Megan E. Wilson
Kirstin K. Gruver	Ila I. Palmquist+ (WILD)	Yinghua M. Zhang (WILD)
Grant K. Guelich	Courtney M. Persson*	Gregg T. Zimmerman (SFM)
Giorgio M. Guerra (WILD)	Erica P. Petru+ **	
Zeesoo Han	Russell L. Pharr (WILD)	

WILD = Wildlife Conservation

REEH = Restoration Ecology and Env. Horticulture

SFM = Sustainable Forest Management

LEC = Landscape Ecology and Conservation

Bioresource Science and Engineering Major

Samuel Cha	Jared L. Fraisure (Business)	Marshelle P. Slayton (Business)
Morgan L. Crimmel	Mario Franco-Munoz	John A. Sly (Business)
Brandon L. Curtis	Kristen E. Gooshaw (Business)	Geoffrey A. Veld (Business)
Peter H. Englund	Maxwell T. Gray	Brandon M. Wood
Kerrin M. Feather	Thanh Tung V. Heffernan	
Ian J. Fischer	Kathleen T. Kelleher (Business)	

~ BACCALAUREATE HONORS ~

BASED ON WINTER 2012 GPA

*Cum laude (min. 3.71 GPA) **Magna Cum Laude (min 3.83 GPA) ***Summa Cum Laude (min. 3.94 GPA)

~ DEPARTMENTAL HONORS ~

BASED ON WINTER 2012 GPA AND COMPLETED HONORS THESIS, RESEARCH, OR COURSE

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

**School of Environmental
and Forest Sciences**

UNIVERSITY of WASHINGTON

College of the Environment

**GRADUATION
CELEBRATION**

JUNE 8, 2012
KANE HALL, ROOM 120
2:00 PM

*Reception following
in Anderson Hall Courtyard*

Welcome

Tom Hinckley, ('71) Interim Director and Professor

Opening Comments

*Lisa Graumlich, ('85) Dean, College of the
Environment*

**School of Environmental and Forest
Sciences Alumni Association**

*Ara Erickson, ('04) Sustainability Manager,
Weyerhaeuser*

Keynote Address

Robert Edmonds, ('68, '71) Professor

Graduate Student Speaker

Brooke Cassell

Presentation of Graduate Students

Undergraduate Student Speaker

Marshelle Slayton

Presentation of Undergraduate Students

Closing Comments

2011-2012 GRADUATES

Doctor of Philosophy

Jaime F. Banaag
Morphological, growth, and photosynthetic responses of cottonwood hybrid 47-174 (*Populus trichocarpa* x *P. deltoides*) to nitrogen fertilization and leaf rust infection

Jeremy Cram
Riverscape heterogeneity and spawning salmon: Linking habitat, hatcheries, and homing across spatial scales

Jun Won Kang
Bioremediation of Trichloroethylene (TCE): Analysis of the plant genetic response to TCE and characterization of a novel TCE-degrading endophyte

Rapeepan Kantavichai
Effects of climate and thinning on coastal Douglas-fir annual biomass growth at four sites

Jenny Leighann Boyd Knoth
The role of diazotrophic endophytes in increased efficiency of bioenergy crop production: Growth promotion effects of the endophytes isolated from *Populus trichocarpa* and *Salix sitchensis*

Nora Konnyu
Maximum clearcut size restriction and temporal connectivity in spatially-explicit harvest scheduling problems

Kim Littke Hanft
The effects of geocentric properties on soil water and Nitrogen and Douglas-fir growth and fertilizer response in the Pacific Northwest

Lloyd Nackley
The ecological impacts of implementing invasive plant based bioenergy in the western United States

Michael David Oleyar
Urbanization influences on songbird population dynamics, community structure, and energy relationships

Alicia S. T. Robbins
Consumer willingness to pay for renewable building materials : An experimental choice analysis and survey

Stan Rullman
Urban raptors and patterns of second home development: Interdisciplinary studies in urban ecology

Laura Six
Consequences of agroforestry management on understory vegetation in Uruguay

Kathryn Stuart
Ecology and conservation of the Western Gray Squirrel in the North Cascades

Nicholas R. Vaughn
Decomposition of waveform LiDAR for individual tree species recognition

Chad B. Wilsey
Simulating the effects of land use, climate change, and cowbird management on the endangered Black-capped Vireo

Master of Science

Karyn Boenker
Framing global climate change in the 24-hour news cycle: 2007-2009

Daniel Brody
Citizen involvement in bureaucratic environmental decision-making: Communicative action in forest service NEPA projects

Brooke Cassell
Fire history of the Sierra de Manantlán Biosphere Reserve in Western México

Chia-Hsiu Chen
Effects of dam removal on fish movement in Cijiawan River, Taiwan

Caitlin Guthrie
Environmental controls on installed woody plant establishment in the hydrologically restored tidal freshwater wetlands of the Nisqually River Delta

Justin Hellier
Ecologists and organizers: Participatory research for shared understanding and adaptive capacity in the Green Seattle Partnership

Austin Himes
Risk to long-term site productivity due to whole-tree harvesting in the coastal Pacific Northwest

Yu-Chi Huang
Resident participation in river restoration: Preferences, attitudes, and behaviors case study of Cedar River Watershed, Washington

Laurel L. James
National to local: A pre and post assessment of the Fuel Characteristic Classification System for the Confederated Salish and Kootenai Tribes

Jig Han Jeong
Predicting current and future habitat of tree species in and around the Korean Peninsula with climate change

Nathan G. Johnson
The Effect of Armillaria root disease on forest structure and potential fire behavior in an eastern Washington Ponderosa pine forest

Alexandra Kazakova
Quantifying vertical and horizontal stand structure using terrestrial LiDAR in Pacific Northwest forests

Kelsey M. Ketcheson
Vegetation responses to ecological thinning of dense coniferous forests in the Cedar River Watershed, western Washington

Justin Kirsch
Relationships between belowground plant carbon and canopy structure in a temperate forest ecosystem

Ryan S. Klett
Spatial patterns of fine sediment infiltration and implications for egg-to-fry survival of Chinook salmon

Yu-Rong Liu
Soil physical properties after application of a modified forest reclamation approach in southern western Washington State

Kailey Marcinkowski
Reconstructing mass balance of South Cascade Glacier based on tree-ring records

Joe Restaino
Wildland fuel treatment effect on carbon storage, eastside Cascade Range, Washington, USA

Gabrielle Roesch
Voluntary vs. mandatory payment mechanisms for the provision of forest ecosystem services: A discrete choice analysis of Washington and Oregon households

Naomi Ananda Rotramel
Foliar nutrient levels in Douglas-fir plantations 25 years after stump removal and fertilization to control *Phellinus weirii*

Luciana A. Santos
Estimating abundance of harbor porpoises in Puget Sound: A correction for observer bias

Carrie Schloss
Mammalian vulnerability and conservation in a changing climate

Lauren E. Seckel
Corvid distribution, human recreation, and park management in Mount Rainier National Park, Washington

James C. Starr
Polymorphic mountain whitefish in a coastal riverscape: Size class assemblages, distribution, and habitat associations

David R. Stephens
Forest inventory derived from small-footprint aerial LiDAR, image segmentation, and multiple regressions

Tarrahan Swanson
Examination of the educational and scientific value of permanent plot studies at Waskowitz Outdoor School, Washington State

Jason Walter
Coastal cutthroat trout in headwater stream networks: Distribution and abundance in space and time

Trevor J. Walter
Harvest optimization modeling of *Eucalyptus globulus* plantations based on ecosystem services in the context of native forest restoration in coastal southern Chile

Ellen Weir
The focus theory of normative conduct: Applications to pro-environmental grocery shopping behaviors

Joy Wood
Evaluating and monitoring the success of ecological restoration implemented by the University of Washington Restoration Ecology Network (UW-REN) capstone projects

Master of Environmental Horticulture

Kate Asselin Heather Khan Blake G. Schnebly Kava Vale

Master of Forest Resources

Jared Coleman Hunter Decker Jacob Grossman (PCMI) Susan Nawbary Katri Rahkonen Rohan Theobald

PCMI = Peace Corps Masters International