



School of Environmental and Forest Sciences

UNIVERSITY of WASHINGTON

College of the Environment

GRADUATION CELEBRATION

JUNE 10, 2016
KANE HALL, ROOM 130
10 AM

COLLEGE OF THE ENVIRONMENT GRADUATION GIFT

In appreciation of the Class of 2016, the College is partnering with the Campus Sustainability Fund to help fund two CSF projects at the Center for Urban Horticulture: planting pollinator habitats to create suitable habitat for local pollinating insects, and installing a composting toilet to support more than 180 student farmers and volunteers, and more than 500 student visitors annually.

Welcome

Thomas DeLuca, Professor and Director

Dean's Comments

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

School of Environmental and Forest Sciences Alumni Group

Colton Miller ('13)

Keynote Address

*Philip Rigdon ('96), Superintendent, Yakama Nation
Department of Natural Resources*

Graduate Student Speaker

Allison Rossman

Presentation of Graduate Students

Undergraduate Student Speaker

Stephen Calkins

Presentation of Undergraduate Students

Closing Comments

*Reception following
in the Anderson Hall Courtyard*

2015-2016 GRADUATES

Doctor of Philosophy

Courtney Alina Cansler

Multi-scale Analysis of Fire Effects in Alpine Treeline Ecotones

Aimee Fullerton

Conservation of Freshwater Thermal Habitats for Pacific Salmon in a Changing Climate

Guanqun Luo

Ablative Pyrolysis of Beetle-killed Trees

Natalie Schmidt

Parasitic Plants and Community Composition: How *Castilleja levisecta* Affects, and is Affected by, its Community

Jorge Tomasevic

Cavity-nesting Bird Responses to Urbanization in the Greater Seattle Area

Lauren Walker

Population Dynamics of the Endangered Black-capped Vireo (*Vireo atricapilla*)

Master of Science

Benjamin Barenboim

The Social and Economic Impacts of a Washington State Carbon Tax

Michael Bradshaw

Potential Organic Fungicides for the Control of Powdery Mildew on *Chrysanthemum X morifolium*

Tzu-Jen Chan

Examining Factors Affecting Attitudes Toward Nuclear Power in Taiwan

Elliott Church

Invasive English holly (*Ilex aquifolium L.*) in Clear-Cut and Forest Units in a Western Washington Managed Forest

Si Gao

Locally Produced Wood Biochar Increases Nutrient Retention in Agricultural Soils of the San Juan Islands, WA, USA

Catherine Gowan

Role Ambiguity and Perceived Organizational Politics in Wolf Recovery: Washington State Wildlife Agency Personnel Perspectives

Jeffrey Harris

Estimation of an Unobservable Transition: From Dependence to Weaning in the California Sea Lion (*Zalophus californianus*)

Kathryn Hill

Prescribed Fire in Grassland Butterfly Habitat: Targeting Weather and Fuel Conditions to Reduce Risk to Larvae and Enhance Post-burn Habitat Heterogeneity

Jennifer Hsiao

Calibration, Validation and Improvement of a Process-based Crop Simulation Model for Hardneck Garlic (*Allium sativum L.*)

Sean Jeronimo

LiDAR Individual Tree Detection for Assessing Structurally Diverse Forest Landscapes

Lynn Khuat

Soil Influence on Vegetation Productivity and Patterns in the Eastern Cascades of Southern Oregon

John Kirby

Stem and Branch Diameter Response in Pruned Douglas-fir Plantations (*Pseudotsuga menziesii var. menziesii*): Implications for Volume and Clear Wood Production in the U.S. Pacific Northwest

Zhengxin Lang

Water Retention Sites Cost-Efficient Spatial Selection for Le Sueur River Watershed

Sarah Lange

Policy-oriented Learning Among National Forest Stakeholders in the Pacific Northwest: Changes in Policy Beliefs Since Adoption of the Northwest Forest Plan

Laurel Peelle

Predator Saliva at Kill Sites with Minimal Remains as a Forensic Tool for Species Identification

Rachel Roberts

Evaluating Psychographic Measures Among Undergraduates: Relevance to Marketing of Sustainable Tourism

Cody Sifford

Developing an Impact Assessment of Local Air Quality as a Result of Biomass Burns

Clarence Smith

Measuring Economic Value of Native American Cultural Designs within the Tribal Gift Box Market and Tribal Forest Certification

Skadi Von Reis Crooks

Landowner Experiences with Soft Shore Projects in Puget Sound

Master of Environmental Horticulture

Joel Bidnick

Modeling Soil Respiration in Soilless Systems: Aquaponic Flood-and-Drain Grow Beds

Kelly Broadlick

Determining the Seed Dormancy and Germination Requirements of Two Upland Prairie Sedges

Derek Buchner

Examining Restoration Success after Ten Years of the Green Seattle Partnership: Implementation and Results of the First Phase 4 Verifications

Anna Carragee

SER-UW Native Plant Nursery: Forging the Missing Link Between Plant Materials and Student Restoration Projects

Alex Greene

Bioenergy, Electrification, and Environmental Horticulture

Daniel Hintz

Kincaid Ravine Restoration Project

Zachary Mallon

Arum italicum: Glyphosate and Tarping Treatment Trials in a Greenhouse Setting and Seattle Distribution in 2016

Nicolette Neumann

Agricultural Hedgerows: A Pollinator Habitat Restoration Project

Trey Parry

Evaluation of Increased Drought Resistance of Grass Species Inoculated with Diazotrophic Endophytes: A Strategy for Increasing Wetland Revegetation Success

Thomas Peterman

Restoration Monitoring

Regina Wandler

Designing a Continuing Education Program for Pacific Northwest Restoration Professionals

Christopher Watson

Modeling the Hydrology of the Washington Park Arboretum and Surrounding Areas

Theresa Yoder

Survey of Ballard District for Restoration Opportunities

Master of Forest Resources

Jack Armstrong

Grand Ridge Master Plan

Marisa Bass

Comprehensive Five-Year Harvest and Transportation Plan for Hancock Forest Management's Tahoma Client

Burdette Birdinground

Biomass Supply Estimates of the Lolo, Flathead, and Kootenai National Forests Based on the Confederated Salish and Kootenai Tribes Management and Harvest of the Southern Region of the Lolo National Forest Adjacent to the CSKT Reservation

Hollis Crapo

McGarvey Park Variable Density Thinning

Corey Dolbeare [PCMI]

Designing for Behavior Change in Agroforestry: Adoption of Live Fencing in the African Sahel; A Barrier Analysis Case Study from Rural Matam, Senegal

Mikhael Kazzi [PCMI]

A Case Study of the Performance, Adoption, and Dissemination of Improved Clay Cook Stoves in Rural Senegal

Eric Snoozy

Harvest Plan of Low East Unit at Pack Forest

Michael Tomco [PCMI]

Environmentally Certified Wood Use by Green and Traditional Builders

Patrick Wauters [PCMI]

The Nubian Arch: Adapting an Age-Old Technique of Adobe Homes to Senegal; A Technology Transfer Report with Case Study from Rural Senegal

PCMI - Peace Corps Masters International

Master of Forestry

Gregory Lambert

The Effect of Fertilization on the Yield of Alpha-Cellulose in Second-Growth Douglas-Fir

2015-2016 UNDERGRADUATES

Bachelor of Science

Environmental Science and Terrestrial Resource Management

Claire E. Accettullo	Sarah C. Harrison (SFM)	William D. Mooreston (LEC) ** +
Chika A. Acholonu	Katrina C. Henderson *	Andres O. Morales
Arturo D. Alfaro-Wekell	Andrew J. Hennessey	Holly N. Mouser (SFM) *
Julia C. Amado	Madeline C. Hicks *	Jennifer Murillo
Rebecca E. Anderson	Jiannan Huang	Paul B. Nagelson (SFM)
Kelly Auvu	Norah G. Hummel	Edward J. Nebendahl (SFM) +
Bearden D. Barnes Jr.	Victor R. Jackson	Kevin Y. J. Park
Taylor M. Belisle (WILD)	Reanna E. Jarchow (WILD) +	Hollie M. Pope
Anthony M. Bird	Holly E. Jessup	Marilyn R. Prosser (WILD)
Alexander J. Blumenfeld	Huayi Jiang	Zihao Qu
Kate A. Bouchard (WILD)	Johnny L. Jones III	Thomas D. Radon
Shannon E. Bray	Stephen M. Katzenberger	Emma V. C. Relei +
Samantha Brissey-Tzizik	Linnea E. Kessler (WILD)	Emily M. Richmond (WILD) +
Ben H. Brodin	Samuel Y. Kim	Audrey P. Riddell (SFM)
Stephen J. Calkins (SFM) +	Levi B. Kloss	Jose M. Rodriguez (SFM) +
Taylor D. Cates	Joshua L. Kong **	William S. Scharffenberger
Gregory N. W. Chan	Sierra M. Kross (WILD)	Eli Z. K. Siegel
Jensen D. Chase (SFM)	Ria N. Kuruvilla	Lyndsey N. Smith (WILD)
Dingyi Chen	Emmett J. Lawrence +	Nicholas S. Stevens
Jiasheng Cheng	Brian T. Lee	Carson R. Stewart
Michelle J. Choi (WILD)	Qiao Li	Aaron Tam (WILD) *
Jamie S. Costantino	Constance Lin	Cyrena K. Thibodeau
Mckayla Dear	Po-Wei Lin	Kaila M. Turner *
Rachel M. DeCordova * +	James Y. Liu	Leah M. Uhl
Marshall D. Denton	Sijia Liu	Bradley K. Wakida (SFM)
Zhuojun Di	Shiheng Lu	Alexandrea M. Wall (WILD)
Craig Y. Dittmann	Jiawei Ma	Nicholas S. Wegley +
Yuqi Du	Rihana L. Master	Paris P. Werner (WILD)
Sara E. Emrick (REEH)	Cameron H. McCallum	Sophia K. S. Winkler-Schor ** +
Ali E. Flisek *	Lian K. McGuire	Sean Wong
Jennifer A. Ginn (WILD)	Jade A. McKeen	Hannah M. Wood ** +
Joseph T. Glass	Christina N. Mebust-Boscolo (WILD)	Emma C. Woods (REEH)
Gabriella Golzarian	Raona M. Mecka ** +	Nathan L. Wornian
Natalie Gray	Conrad J. Meinhold	Chao Yang
Zachary R. Gregory	Devin R. Melville	Sarah W. Yeider
Christie H. Ha	Connor J. Meyer (WILD) *	Yijia Zhang
Sierra G. Harden	Teresa K. Mizuki	Xianrun Zhou

WILD = Wildlife Conservation
SFM = Sustainable Forest Management

REEH = Restoration Ecology and Env. Horticulture
LEC = Landscape Ecology and Conservation

Bioresource Science and Engineering

Ryan P. Binder (Business)	Mathew D. Kravitz *	Kaila M. Turner *
Yong Woo Chung	Samantha C. Mendez	Darrell J. Williams
Jimeng Cui	Dylan B. Smith	Michael L. Windrim (Business) *
Angeline C. Dones	Anna B. Song +	Emily R. Yates
Ryan J. Eng	Zeyu Song +	Yulin Zheng (Business)
Cory S. Evans (Business)	Austin W. Strader	
Tzu Nu Huang	Michael Thomas	

BACCALAUREATE HONORS (BASED ON WINTER 2016 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 2016 GPA)

Min. 3.3 UW GPA, min. SEFS GPA of 3.5 and completion of Honors thesis, research or course. Notated with a "+"