

2013-2014 UNDERGRADUATES
Bachelor of Science / Bachelor of Science in Forest Resources

Environmental Science and Terrestrial Resource Management Major

Raisa Akbar
 Justine M. Andreychuk
 Justin R. Bettis (REEH)
 Manika Bhandari
 Garrett N. Brenden (WILD)
 Jordin C. Buppenob
 Kyla M. Caddey (WILD)
 Robyn E. Campbell
 Ashley L. Carey
 Tzeyan Chan
 Jingya Chen
 Emily R. Chudek (WILD)
 Matthew L. Crisman (SFM)
 Rebekkah L. Curtin (WILD)
 Lana J. Dalton
 Brenna R. Dart
 Lisa A. Day
 Alexandra Dolk +
 Casey W. Fate
 Shawn W. Foster
 Maria L. Gamman (WILD) *
 Zachary M. Hale
 Heather K. Hall
 Michael V. Havrda + (WILD)
 Justin W. Hill *
 Barbara R. Hoover
 Julianne E. Hower
 Marian J. Hsieh +
 Andrey J. Huerta-Avila (SFM)

Ashley R. Imhof
 Jacob Y. Isenberg,
 Michael Y. Ji (SFM)
 Justin B. Johnson
 Kathryn C. Kerr
 Lynn K. Khuat
 John W. Kirby (SFM) *
 Ross G. Kirshenbaum
 Shaniae L. Lakes
 Zachary J. Lamebull
 Haley C. Lane
 Miles E. Lefevre
 Zoe M. Loutos
 Dan Luo
 Marlena A. Mathews
 Teddi A. McFall (LEC)
 Myles P. Neary
 Ryan T. Nelson
 Colin M. Noteboom
 Jasmine L. Okbinoglu
 Minwook Park
 Armando S. Paz Jr
 Travis Pederson
 Malia B. Prescott (WILD)
 Tessa R. Putz
 Audrie L. Rector
 Graeme E. Riggins (WILD)
 Ian P. Riley (WILD) *
 Megan L. Riley ***

Christopher M. Sahari
 Ivy Salim + *
 Shannon N. Serier
 Joseph D. Shaughnessy
 Andrew J. Shuckhart (REEH)
 Alison L. Sienkiewicz ***
 Hans T. Spencer
 Amy K. Stephens
 Max N. Sugarman + **
 Julian M. Svoboda
 Camille M. Swezy
 Russell J. Tess (WILD)
 Annie P. Tran
 Christopher C. Tran (WILD)
 Beth M. Vanden Heuvel
 Lukas F. Vendrell (SFM)
 Sara Y. Wang (WILD)
 Kyle A. Warbis
 Alan T. Weber
 Andrew J. Wells
 Alexander R. Wilson (SFM)
 Tara L. Wilson (WILD)
 Jaime O. Yazzie
 Samantha S. Yeung
 Chris J. Yun
 Jennifer M. Zech
 Xiaotian Zhou

WILD = Wildlife Conservation
 REEH = Restoration Ecology and Env. Horticulture

SFM = Sustainable Forest Management
 LEC = Landscape Ecology and Conservation

Bioresource Science and Engineering Major

William J. Alling
 Edward Berg
 Robyn E. Campbell
 Raymond A. Carter
 Wei Shan Chin + *
 Yeonhee Choi
 Jennifer D. Girardin
 Brandon C. Hepko (Business)
 Kyle A. Herstad
 Breanna L. Huschka (Business)

Emma L. Jackson
 Ryan M. Jeffreys (Business)
 Seth J. Jorgensen (Business)
 Alexander J. Josephson
 Kelsey G. Lewis
 Habiba H. Mohamed
 Zahra H. Mohamed
 Shayne A. Moore (Business)
 Megan B. Randell
 John A. Roberts

Rowdy R. Roddick
 Simen S. Sam
 Jake B. Singer (Business)
 Andre D. Smith
 Monet Springmeyer
 Rita J. Taitano Johnson (Business)
 George J. Watson (Business)
 Christine M. Yamaguchi
 Samantha S. Yeung (Business)

~ BACCALAUREATE HONORS ~

BASED ON WINTER 2014 GPA

* Cum laude (min. 3.72 GPA) ** Magna Cum Laude (min 3.84 GPA) *** Summa Cum Laude (min. 3.93 GPA)

~ DEPARTMENTAL HONORS ~

BASED ON WINTER 2014 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 13, 2014
 KANE HALL, ROOM 120
 2:00 - 3:30 PM**

Welcome

Thomas H. DeLuca, Professor and Director

Opening Comments

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

School of Environmental and Forest Sciences Alumni Group

Jessica Farmer ('10), Adult Education Supervisor, UW Botanic Gardens

Keynote Address

E. David Ford, Professor and Director of Olympic Natural Resources Center

Graduate Student Speaker

Crescent Calimpong

Presentation of Graduate Students

Undergraduate Student Speaker

Tara Wilson

Presentation of Undergraduate Students

Closing Comments

*Reception following
 in Anderson Hall Courtyard*

2013-2014 GRADUATES

Doctor of Philosophy

James A. Freund

Establishment histories and structural development of mature and early old-growth Douglas-fir forests of western Washington and Oregon.

Stephan J. Gmur

Exploring tropical ecosystem drivers of productivity using GIS, remote sensing and meta-analysis.

Svetlana A. Kushch (Schroder)

Optimizing forest management in consideration of environmental regulations, economic constraints, and ecosystem services.

Keum Young Lee

Phytoremediation of chlorpyrifos insecticide: The use of woody plants and transgenics to enhance and understand the uptake, translocation, and transformation of chlorpyrifos.

Jeffrey C. Lewis

The post-release movements, survival, and landscape-scale resource selection of fishers (*Pekania pennanti*) reintroduced to Olympic National Park.

Jason J. Scullion

Improving forest conservation in frontier environments: A global review and case studies from the Peruvian Amazon.

E. Natasha Stavros

Understanding climate and very large wildfires in the Western United States at scales for modeling air quality.

Camila F. Tejo Haristoy

Above and below the canopy of bigleaf maple (*Acer macrophyllum*): Canopy soils, litterfall and decomposition in an old-growth temperate rainforest.

Gonzalo A. Thienel Carrasco

Understanding key environmental management practices associated with the environmental and financial performance in selected manufacturing firms.

Master of Science

Amita Banerjee

Variation of photosynthesis across the curvature of a maize leaf.

Julianne Baroody

Firewood extraction as a catalyst of pine-oak forest degradation in the highlands of Chiapas, Mexico.

Oliver Bazinet

Using the Green Seattle Partnership to examine relationships between ecosystem health, site conditions, and restoration efforts in urban settings.

Kendall Becker

Effects of lower-severity fire on species composition and structure in montane forests of the Sierra Nevada, California, USA.

Patrick A. Bridegam

The effects of consumer country policies to address trade in suspicious wood products: The effects of the 2008 Lacey Act Amendments on international trade in forest products.

Erik L. Budsberg

Life cycle assessment of biofuels produced from short rotation woody crops.

Jordan T. Crawford

Techno-economic analysis of hydrocarbon biofuels from poplar biomass via acetic acid fermentation.

Pratibha Duwal

Perceived impacts of climate change on forest and livelihood in Padampokhari Village on the Parsa Wildlife Reserve Buffer Zone, Nepal.

Matthew Flora-Tostado

Evaluating volunteer data quality for citizen science projects in phenology: Estimating peak bloom in Kwanzan Cherry Trees on UW Campus.

Rhiannon A. Fox

Seasonal and diurnal patterns of whole-tree plant water relations in three Pacific Northwest conifer species: *Thuja plicata*, *Pseudotsuga menziesii*, and *Tsuga heterophylla*.

Andrew H. Fraser

Use of solarization to kill the root crowns and reduce the seed bank viability of *Rubus armeniacus* and *Cytisus scoparius*.

Katherine H. Gibbons

A framework for developing and evaluating comprehensive urban forest management plans: An analysis of Washington State plans.

Jason N. James

Deep soil: Quantification, modeling, and significance of carbon and nitrogen in subsurface layers.

Oliver Jan

Hydropyrolysis of lignin using Pd/HZSM-5.

Alexandra N. Kazakova

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

Justin L. Kirsch

Relationships between fine root productivity and aboveground forest metrics.

Jacob K. Lipson

Business activities, decision-making, and barriers to viability of the forest biomass harvesting industry in Washington State.

Matthew C. Maria

The effect of agricultural riparian buffer width on generalist natural enemy diversity.

Alicia Marshall

Increasing the reliability of delivering socially sustainable, safe drinking water in rural parts of developing countries: An analysis of diverse approaches, examples, and insights from leaders and implementers in the field.

Katrina J. Mendrey

Metal response of Douglas-fir: A comparison of metal uptake and phytochelatin production in trees planted in soils amended with biosolids or metal salts.

Master of Environmental Horticulture

Xincai Cai

Common surface coal mine reclamation practices among the United States, Australia and China.

Crescent B. Calimpong

Elwha River Revegetation 2013: A plant performance study.

Jonathan P. Diemer

Centennial Woods Restoration and Management Plan.

Michelle E. Fischer

Evaluating prairie plant survival rates within burned and unburned Whittaker plots at Ft. Lewis.

Master of Forest Resources

Johnny P. Bruce PCMI

A case study of cooking practices in Paraguay.

Dylan T. McCalmont

Diversity of ammonia-oxidizing archaea in soils under managed and native conditions.

Robert B. Schmitt

Investing in sustainability strategy: Modeling corporate performance using the natural resource based view of the firm.

Jacob C. Sheppard

Toward a framework for evaluating civic environmental stewardship in the Green-Duwamish watershed, WA.

Benjamin H. Shryock

Urbanization alters the influence of weather and primary productivity on avian populations in the Seattle metropolitan area.

John C. Simeone

Implications for the development of a sustainable forest sector in the Russian Far East.

Tmth-Spusmen F. Wilder

Quantifying landscape spatial patterns: A framework for collaborative forest management on tribal and federal lands.

Seth Wing

Reservoir sediment carbon along the Elwha River after dam removal.

Katherine H. Wyatt

Riparian vegetation structure and composition in the fire-dependent ecosystem of Eastern Washington.

Lisa M. Miller

Behavioral changes toward the environment with increased knowledge of local systems: An urban case study in Seattle, WA.

Martha S. Moritz

Kincaid Ravine Restoration and Stewardship Plan.

Hui-Chung Tsai

Wetland Vegetation Inventory and Management Plan in North Beach Park.