

PROMOTION VITAE

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1. EDUCATION AND EMPLOYMENT INFORMAITON

1. Education

- 2013. MS. Forest and Environmental Sciences, School of Environmental and Forest Sciences. College of Environment, University of Washington, Seattle.
- 2007. BS. Environmental Sciences, College of Natural Resources. University of California, Berkeley.
- 2007. Minor Program. Education, School of Education. University of California, Berkeley.
- 2006. Minor Program. Forestry and Natural Resources, College of Natural Resources. University of California, Berkeley.

2. Employment

- April 2016 – Present. Assistant Professor of Practice. Oregon State University Extension Service, Lane County Area - Forestry & Natural Resources, Eugene, OR.
- July 2013 – March 2016. North Puget Sound Extension Forestry Program Coordinator, Washington State University, Everett, WA.
- January 2011 – June 2013. Teaching Assistant, University of Washington, Seattle, WA.
 - QSCI 290: Calculus for Biology and Medicine, Winter 2013
 - ESRM 100: Forests and Society, Spring 2011, 2012, 2013
 - BIO 180: Introductory Biology, Fall 2012
 - ESRM 201: Pacific Northwest Ecosystems, Fall 2011 and Summer 2012
- June 2010 – June 2012. Forestry Research Assistant, USDA Forest Service, PNW Research Station, Seattle, WA.
- February 2009 – January 2010. Wood Properties and Sustainability R&D Consultant, Vinawood Limited, Ho Chi Min City, Vietnam.
- May 2008 – December 2008. SNAMP Forestry Research Assistant, University Of California Berkeley Fire Ecology Laboratory, Berkeley, CA.
- May 2007-November 2007. Forestry Technician, University of California Berkeley, Blodgett Forest Research Station, Quintet, CA.

3. Trainings and Licenses

2022. Online. Adulth Mental Health First Aid USA. 8 hours. National Council for Mental Wellbeing. Expires February 2025

2019. Online Completion Certificate. Understanding Forest Carbon Management 6 week Course. Forests and Climate, Department of Forestry, Michigan State University.

2019. Treatment of Severe Allergic Reaction/ Authorization to Obtain Epinephrine, Oregon Health Authority, Public Health Division. Expires August 20, 2022.

2019. NWCG S-110, Basic Wildland Fire Orientation Online.

2019. NWCG S-190, Introduction to Wildland Fire Behavior Online.

2018. CPR, AED, and Basic First Aid. Siuslaw Fire and Rescue. Expires August 7, 2020.

2017. Pesticide Consultant Certification. Oregon Department of Agriculture. Expires. December 31, 2021.

2. TEACHING, ADVISING AND OTHER ASSIGNMENTS

1. Instructional Summary

This section describes the educational courses in which I have either been the presenter and/or the coordinator. As the coordinator I planned the day's curriculum, scheduled the activities and presenters, and coordinated the logistics of the event. My instructional activities include 2 guest lectures for credit courses at the University of Oregon, 15 conferences or symposiums, 18 class series/courses, 20 field tours, 95 presentations, and 40 workshops for a total of 190 programs or approximately 31 programs per year. In addition, I provide education through non-traditional formats including mobile plant clinics, "ask an expert" questions, newsletters, outreach booths, phone calls, emails, and site visits.

Sessions marked with an asterisk () provided Natural Resource Professional Continuing Education Credits.*

a) Credit Courses

University of Oregon – Guest Lectures

HC 431H. Fall 2019. Instructor Hollie Smith. Honors College. University of Oregon. Course Title: Environmental and Science Communication in the Age of Wildfires in the West. Eugene, OR, November 1, 2019, Duration: 4 hours, (20 adult educational contacts) My Role: Guest Lecturer – designed, organized, and presented a field trip on Fire Regimes in Oregon and Landowner Assistance.

BI 307, Fall 2017. Instructor: Alan Dickman. University of Oregon. Course Title: Forest Biology. Eugene, OR, May 13, 2017, Duration: 6 Hours, (13 adult educational contacts), Field trip on Private Land Management. My Role: Guest lecture, presenter

b) Non-Credit Courses and Workshops

School, Conference or Symposium

A full-day or multi-day educational event, consisting of a collection of presentations,

embedded workshops, tours, and other learning experiences, and often organized by a committee or committees.

Tree School Coast, Waldport, OR, Local focus. March 4, 2023. Duration 6 hours. (120 adult educational contacts, 5 youth educational contacts). This mini-college features 24 classes on a wide variety of topics of interest to family forestland owners, professional foresters, loggers, arborists, teachers, and forest enthusiasts of Northwest Oregon. The day-long event offers classroom sessions taught by Extension foresters, professional foresters, and other natural resource management professionals. Classes are 1.5 hours long and you can participate in up to four over the course of the day. Class selections include basic forestry topics for traditional woodland owners as well as those interested in pollinators and forest mushrooms. Society of American Foresters and Associated Oregon Loggers credits were offered. Dan Stark was my co-facilitator and organizer.

Oregon Society of American Foresters Annual Meeting. Oregon Statewide focus, Online. April 28th – April 29th, 2022. Duration 11 hours (61 adult educational contacts). The meeting featured the full breadth of forestry and natural resources, from recreation, fire, urban forestry, to carbon, non-timber forest products, and social dimensions. The annual meeting is hosted by the state chapter of the Society of American Foresters. Jacob Putney and I developed the program, each moderated a session, solicited the speakers, and organized the day of logistics. Dan Stark was a session moderator and provided technical assistance. Stephan Fitzgerald was a session moderator and assisted the finance committee.

PNW Agroforestry Virtual Workshop. Regional focus (Oregon and Washington), online. November 9, 2021 and November 10, 2021. Duration 7 hours (140 adult educational contacts). Collaborative effort with co-organizers Agroforestry working group. This was a continuing education workshop for technical assistance providers, extension staff, and anyone else working with farmers, ranchers, and forest landowners to promote agroforestry in the PNW. My Role: Coordinator/ technical support.

Redwoods in Oregon Science Meeting. Oregon Statewide focus, online. October 12, 2021- October 13, 2021. Duration 9 hours (67 adult educational contacts). Collaborative effort with Co-organizers Daniel Stark, Stephen Fitzgerald, and Alicia Christiansen. This was a facilitated information exchange in which participants learned and discussed the biology and management of coast redwood and giant sequoia with experts and practitioners in the field. My Role: Coordinator/Panel Moderator.

*Family Forest Convention. Oregon Statewide focus, online. July 23, 2021. Duration: 7 hours (150 adult educational contacts) Collaborative effort with the Oregon Small Woodlands Association, Oregon Tree Farm System, Lane County Small Woodlands Association, Oregon Forest Resources Institute. Annual meeting and educational conference for the Oregon Small Woodlands Association and Oregon Tree Farm System. My Role: Coordinator/Presenter/Master of Ceremonies (Welcome speech, introduction of all speakers and sessions, presentation on Managing for Carbon in Forests)

Western ANREP Mobile Study Tour and Professional Development Meeting, Tucson, AZ, November 14, 2019 - November 15, 2019, Duration: 16 hours, (10 adult educational contacts) Collaborative effort, with four other planning committee members including Norma Kline, OSU. Tour on AZ desert ecology and examples of AZ extension programming. Professional development meeting included extension programmatic presentations. My

Role: Coordinator/Presenter (The Selling Logs from you Property Program and Curriculum).

Selling Logs From Your Property Symposium, La Grande, May 23, 2019, Duration: 9 hours, (52 adult educational contacts) Collaborative effort, with co-organizers Alicia Christiansen and John Punches and Presenters Tamara Cushing and Francisca Belart. Comprehensive program on how to perform a small scale timber harvest on private property. My Role: Coordinator/Panel Moderator.

Rural Living Day, Harrisburg, Oregon, March 9, 2019, Duration: 8 hours, (90 adult educational contacts, 1 youth educational contacts) Collaborative effort, with small farms program. My Role: Coordinator/Presenter (Introduction to Woodland Management with Brad Withrow-Robinson).

Selling Logs From Your Property Symposium, Roseburg, January 26, 2019, Duration: 9 hours, (133 adult educational contacts), Collaborative effort, with co-organizer Alicia Christiansen, and Presenters Tamara Cushing and Francisca Belart Comprehensive program on how to perform a small scale timber harvest on private property. My Role: Coordinator/Panel Moderator.

Selling Logs From Your Property: An Educational Symposium for Landowners, Oregon City, OR, November 2, 2018 - November 3, 2018, Duration: 12 hours, (172 adult educational contacts) Collaborative effort, with co-organizers Alicia Christiansen, Glenn Ahrens, Brad Withrow-Robinson, and Amy Grotta; and Presenters Tamara Cushing and Francisca Belart. Comprehensive program on how to perform a small scale timber harvest on private property. My Role: Coordinator/Panel Moderator.

*Oregon Small Woodlands Association Annual State Meeting, Springfield, OR, June 28, 2018 - June 30, 2018, Duration: 17 hours, (200 adult educational contacts) Collaborative effort, with Lane County Small Woodlands Association. A day of classes on small woodland management followed by a landowner field trip. My Role: Organizer.

*Tree School Lane, Pleasant Hill, OR, June 2, 2018, Duration: 8 hours, (122 adult educational contacts) Collaborative effort, co-coordinator Alicia Christiansen. A full day of forestry classes. My Role: Coordinator/Presenter (Introduction to Management Planning).

*Selling Logs From Your Property: An Educational Symposium for Landowners, Crow High School, Eugene, OR, October 27, 2017 - October 28, 2017, Duration: 12 hours, (220 adult educational contacts) Collaborative effort, with co-organizers Alicia Christiansen and Francisca Belart and Presenters Tamara Cushing and Francisca Belart. Comprehensive program on how to perform a small scale timber harvest on private property. My Role: Coordinator/Panel Moderator.

*Oregon Small Woodlands Association Annual State Meeting, Florence, June 15, 2017 - June 17, 2017, Duration: 17 hours, (168 adult educational contacts) Collaborative effort, with Lane County Small Woodlands Association. A day of small woodland owner classes followed by a landowner field trip. My Role: Coordinator/Presenter (Three, one hour sessions on Thinning Douglas-fir).

*Tree School Umpqua, Phoenix Charter School, Roseburg, OR, March 31, 2017, Duration: 8 hours, (169 adult educational contacts) Collaborative effort, with Alicia Christiansen. A full day of classes. My Role: Coordinator.

Class Series/Short Course

A single event or series of events including online education, with a defined curriculum, lasting four hours or more.

Events that I Coordinated and Presented

An event that I handled the planning, organization, and facilitation for in addition to delivering some or all of the educational material.

Getting Started on your Management Plan, Online, February 2022. Duration: 5 hours, Series of 3 classes and 3 office hours (XX adult educational contacts). This course covered developing a management plan based on individual goals and objectives. Explore resources and limitations on property in a systematic way in order to prioritize activities. Topics covered included: Assessing your property and site, Locating and integrating existing maps and resource data, Collecting field information, Scheduling management activities, Getting help. Collaborative effort with co-coordinator and co-presenter Norma Kline.

Lane Stewards Online Course, Statewide Online, Winter 2022, Duration: 24 hours, Series of 12 Classes (84 adult educational contacts). The Oregon State University Extension Land Steward course is designed for owners of woodlands, small farms, pasture or other rural land who want to manage their property's natural resources more effectively. The course includes a series of nine self-paced online lessons, plus three virtual classes. Throughout the course, participants complete a series of resource assessments to get to know your property better and develop a management plan for your property using our landowner-friendly template. Collaborative effort with Coordinator Rachel Werling, organizers Ann Harris, and presenters Melissa Fery, Glenn Ahrens, Daniel Stark, and Aaron Groth. I helped to organize and present the local meetings for my region.

Monitoring and Managing for Forest Health in NW Oregon, Online, Thursdays, September 23 – October 14, 2021, Duration 6 hours, (38 adult educational contacts). This 4 session online course covered northwest forest types; forest insects and diseases, abiotic injury, animal damage, invasive species; and how to map, monitor, and plan for managing health issues into the future. Collaborative effort, with co-coordinator and author Daniel Stark. I presented on NW forest types and how forests grow, abiotic injury, forest diseases, monitoring and planning for forest health, and landowner assistance programs.

Woodland Pollinator Stewards, Online, February 2020 – December 31, 2021, Duration: asynchronous content 14 hours of instruction, (59 adult educational contacts). This online asynchronous course provides the basics of bee biology and management within forested ecosystems. Monthly discussion sessions and a field trip are also included in the course. Collaborative effort, with co-authors and coordinators Brad Withrow-Robinson, Andony Melathopoulos, Christine Buhl and Max Bennet. I presented on habitat management and Establishing Wildflowers in Burn Piles.

Impacts of Climate Change on Forestry, Online, July 27 and August 10, 2021, Duration: 4 hours, (502 adult educational contacts). This two session series with supplemental video discussed management objectives and resources that can assist land managers with carbon capture or the impacts of climate change on forest health, fire, and species composition. Video Link: <https://www.youtube.com/watch?v=g-Q8MVJQWPE&t=7s>. Collaborative effort with co-coordinator Long Tom Watershed Council and co-presenters

David Shaw, Amanda Rau, Lindsay Reaves, Tom Bauman, and Glenn Howe. I presented on Carbon Management in Forests and added scientific context in the landowner video.

Introduction to Woodland Management, Online, May 28, 2020 - July 2, 2020, Duration: 9 hours, (60 adult educational contacts). This six session webinar series provides the basics of taking care of woodlands from planting a new tree to taking care of a mature forest. Collaborative effort, with co-coordinators Brad Withrow-Robinson, Daniel Stark, Norma Kline, Max Bennett, and Glenn Ahrens and co-presenter Brad Withrow-Robinson.

Introduction to Woodland Management and Planning, Pleasant Hill, OR, November 5, 2019 - December 10, 2019, Duration: 21 hours, (90 adult educational contacts), Six session course on forest management with a field trip. I presented all the material.

Introduction to Wildlife and Habitat Management, Eugene, OR, October 9, 2019 - October 30, 2019, Duration: 12 hours, (56 adult educational contacts). How to manage wildlife habitat and what birds, bees, mammals, amphibians, reptiles, and fish need. Collaborative effort with Guillermo Giannico (fish presentation), Oregon Department of forestry (bees presentation), and Cafferata Consulting (birds and mammals presentations). I presented Introduction to wildlife habitat on managed lands, amphibians, and reptiles.

EmpowerU: Advocating For Invasive Species Management, Online and Newport, OR, April 15, 2019 - May 11, 2019, Duration: 14 hours, (17 adult educational contacts). Flipped classroom style online training with in-person workshop teaching effective civic engagement on local invasive species issues. Collaborative effort with University of Minnesota (curriculum developer) and Pamela Monnette (co-organizer and presenter).

Master Woodland Manager Volunteer Training, Various locations in Lane County, OR, September 6, 2018 - December 13, 2018, Duration: 48 hours, (208 adult educational contacts). Eight Session volunteer training on forest management. Collaborative effort with Statewide MWM coordinator, Tiffany Hopkins and other instructors: David Shaw, Stephen Fitzgerald, Nicole Strong, Mark Shultz, Jon Souder, Guillermo Giannico, Francisca Belart, Tamara Cushing, John Punches. I taught sessions on welcome to your landscape, management planning, and wildlife.

Mentored Management Planning, Elkton, OR, March 6, 2018 - April 3, 2018, Duration: 20 hours, (20 adult educational contacts). Four session course on how to write a management plan. Collaborative effort with co-organizer and presenter Alicia Christiansen.

Introduction to Woodland Management: A basic forestry shortcourse, Eugene, OR, January 16, 2018 - February 10, 2018, Duration: 18 hours, (90 adult educational contacts). 5 session class on woodland management and a field trip. I presented all the material.

Living on the Land: Stewardship for Small Acreages, Walterville, Oregon, October 5, 2017 - November 2, 2017, Duration: 10 hours, (200 adult educational contacts). Four session course on management considerations for farms and forests on small acreages. Collaborative effort with co-organizer and presenter Melissa Fery. I presented on woodland management and wildlife.

Woodland Management: Basic Forestry Short Course, Mapleton, OR, March 7, 2017 - April 4, 2017, Duration: 16 hours, (49 adult educational contacts), Four session course on woodland management and a field trip. I presented all the material.

Woodland Management: A Basic Forestry Shortcourse, Junction City, Oregon, October 4, 2016 - October 29, 2016, (87 adult educational contacts). Four session course on woodland management and a field trip. Collaborative effort with co-coordinator and presenter Brad Withrow-Robinson.

Events that I coordinated

An event that I handled the planning, organization, and facilitation for, but invited others to present the educational material.

Coastal Woodland Management Webinar Series, Online, September 10, 2020 - October 22, 2020, (141 adult educational contacts). This seven session webinar series provides the basics of taking care of woodlands from planting a new tree to taking care of a mature forest. Collaborative effort, with co-coordinators Brad Withrow-Robinson, Daniel Stark, Norma Kline, Max Bennett, and Glenn Ahrens and Presenters Norma Kline, Daniel Stark, Thomas Stokely.

*Effective Forest Roads, Mapleton, OR, November 2, 2019, Duration: 6 hours, (22 adult educational contacts). How to maintain effective forest roads, healthy fish habitat, and landowner assistance. Collaborative effort with presenters Francisca Belart, Jon Souder, and Quincy Coons.

*Oregon Season Tracker Training, Eugene, November 13, 2017, Duration: 5 hours, (9 adult educational contacts). Volunteer training for landowners interested in contributing to national precipitation and plant phenology research databases. Collaborative effort with Presenters: Brad Withrow-Robinson and Jody Einerson.

Field Day/Tour

An educational event in the field at a single or multiple locations that lasts two hours or longer.

Events that I Coordinated and Presented

An event that I handled the planning, organization, and facilitation for in addition to delivering some or all of the educational material.

Lane County Family Forestry Celebration: Forest and Nursery Tour, Springfield, OR, June 11, 2022. Duration 4 hours, (45 adult educational contacts and 5 youth educational contacts). Participants toured the forest lands to look at how tree spacing and vegetation management affects how trees grow; a tour of the nursery which uses state of the art Elle pot/Air tray machinery to grow their forest and Christmas tree seedlings; and kids activities. Collaborative effort with Lane County Small Woodlands Association. My Role: Coordinator/presenter (tree growth response to various spacing prescriptions).

*Oregon State 2019 Tree Farmer of the Year Field Tour, Walton, OR, August 21, 2021. Duration: 6 hours, (100 educational contacts). Toured the property of Gordon and Gail Culbertson, 2019 American Tree Farm System's Oregon Tree Farmers of the Year. Three tour stops covered forest health, reforestation, thinning, wildlife, and water resources. Collaborative effort with Oregon Tree Farm System, Lane County small woodlands Association, Oregon Forest Resources Institute. My Role: Coordinator/presenter (Three sessions on thinning).

Willamette Valley Ponderosa Pine Management Tour, Dexter, OR, November 7, 2019,

Duration: 5 hours, (7 adult educational contacts). Toured Lane County parks to offer recommendations on ponderosa pine management in the Willamette Valley to natural resources professionals.

Old Growth Tour Afternoon Session, Springfield, OR, October 12, 2019, Duration: 2 hours, (10 adult educational contacts), Walk in the woods describing the characteristics of old growth forests.

Old Growth Tour Mourning Session, Springfield, OR, October 12, 2019, Duration: 2 hours, (14 adult educational contacts), Walk in the woods describing the characteristics of old growth forests.

Pollinator Sampling Event, Characterizing native bee presence in regenerating western Oregon forests, Leaburg and Cottage Grove, OR, April 8, 2019 - September 23, 2019, Duration: 21 hours, (5 adult educational contacts). Monthly collection events with Bee Atlas volunteers to collect bees for a research project. Collaborative effort with co-organizers Amy Grotta, Oregon Bee Atlas, and Christine Buhl.

Farm to Forest Tour: Tools of the Trade in Protecting Water Quality, Creswell and Cottage Grove, OR, September 21, 2018, Duration: 6 hours, (45 adult educational contacts). A tour for elected officials on riparian buffers, cable harvesting systems, stream restorations, water management at dairy farms. Collaborative effort with co-organizer Lane Families for Farms and Forests and co-presenters from Weyerhaeuser Timber Co and Harrold Dairy Farm.

Growing Healthy and Diverse Forests, Eugene, OR, March 17, 2018, Duration: 5 hours, (26 adult educational contacts). Stand dynamics in Western Oregon Forests including techniques to encourage forest health and diversity. Collaborative effort with co-coordinator Forests Today & Forever.

Farm to Forest Tour, Eugene, OR, September 25, 2017, Duration: 6 hours, (45 adult educational contacts). Introduced elected officials to their local farmers and forest landowners. Collaborative effort with co-coordinator Lane Families for Farms and Forests and co-presenters Jeff Choate, Mary Rae Thompson, Bryan Harper.

Oak Woodland Restoration, Eugene, OR, June 3, 2017, Duration: 6 hours, (22 adult educational contacts). Toured oak woodlands to discuss ecology, traditional Native American management, and restoration techniques. Collaborative effort, with co-organizers and presenters from the Long Tom Watershed Council, Grand Ronde Tribe, and Eugene Parks.

Walk in the Woods: Preparing for your Management Plan, Cafferata Family Forest, Deerhorn, OR, April 18, 2017, Duration: 4 hours, (13 adult educational contacts). Women Owning Woodlands event: Toured a tree farm and discussed what to put in your management plan based on what you are seeing and doing on the land. Collaborative effort with co-organizer Tiffany Hopkins and co-presenters Steve and Wylda Cafferata.

Events that I presented

An event that was coordinated by a colleague or partner organization in which I was invited or volunteered to speak.

Logging Equipment Tour, Pacific Logging Congress, Corvallis, September 13, 2018,

Duration: 5 hours, (2 adult educational contacts, 12 youth educational contacts). High school students tour various examples of working logging equipment. Event organized by Oregon Forest Resources Institute and OSU College of Forestry.

Drought in the Valley: Tree Problems in 2016 after the 2015 drought, Master Woodland Manager Mini College, OSU Campus, Corvallis, OR, August 27, 2016, Duration: 4 hours (10 adult educational contacts). Discussed drought stress symptoms and management options. Collaborative effort with presenter David Shaw and coordinator Tiffany Hopkins.

How Does your forest grow?, Neighbor to Neighbor Tour, Bauman Tree Farm, Eugene OR, June 4, 2016, Duration: 2 hours (30 adult educational contacts). Toured forests with different age cohorts to discuss forest succession and stand dynamics. Collaborative effort with organizer Lane County Small Woodlands Association.

Events that I coordinated

An event that I handled the planning, organization, and facilitation for, but invited others to present the educational material.

Landowner Forest Tour, Eugene, OR, August 20, 2022, Duration: 4 hours, (30 adult educational contacts) This property tour covered landowner objectives, information about water, soil, recreation, wildlife and timber inventories. This event was funded and organized by Lane County Small Woodlands Association, Oregon Forest Resources Institute provided additional funding.

Stream Crossings: round or squashed culverts and bridges, OH MY!, Eugene, OR, May 21, 2022, Duration: 4 hours (8 adult educational contacts) This workshop covered how to identify stream classifications, peak stream flows at culvert locations, sizing culverts for peak flow events, and existing and potential rules for culvert replacements. Collaborative effort with presenter Jon Souder.

National Forest Products Week Mill Tours, Eugene, OR, October 25, 2019, Duration: 7 hours, (16 adult educational contacts). Tours of a veneer and plywood facility, and a lumber and glulam facility. Collaborative effort with co-organizer Oregon Women in Timber.

Weyerhaeuser TOPS Facility Tour, Springfield, OR, May 9, 2019, Duration: 3 hours, (22 adult educational contacts). Manufacturing of chip and saw and marketing small diameter logs. Collaborative effort with the Lane County Small Woodlands Association.

FNR Summer Field Trip, FNR Summer Planning Meeting, Florence, OR, August 8, 2018, Duration: 6 hours, (22 adult educational contacts). Forestry Extension agents tour a private landowner's property, salmon habitat restoration, and a spotted owl safe harbor agreement on a small private landowner property. Collaborative effort with presenters Seth Mead, (Siuslaw soil and water conservation district), Jennifer Weikel (Oregon Department of Forestry), and Dave and Diane Rankin (woodland owners).

*Laminated Root Rot Tour, Shotgun Creek, Marcola, OR, September 28, 2017, Duration: 2 hours, (14 adult educational contacts). How to identify and manage for Laminated Root rot. Collaborative effort with presenter David Shaw.

Presentation

An informational or educational event or presentation as part of a larger event for an Extension audience of two hours or less.

Events that I Coordinated and Presented

An event that I handled the planning, organization, and facilitation for in addition to delivering some or all of the educational material.

Reforestation After the Fire, Hybrid (Leaburg and Glide, OR) December 13, 2022. Duration: 2 hours. (89 Adult Educational Contacts), This workshop focused on reforestation practices after fire, vegetation management, dealing with overhead dead wood, and creating planting plans. Collaborative effort with co presenter Glenn Ahrens and co-organizers Glenn Ahrens, Alicia Christiansen, and Sarah Cameron. Partner organizations present include ODF, NRCS, Glide Revitalization and Pure water partners

Master Woodland Manager Site Visit Training, online, October 27, 2022. Duration: 2 hours, (20 Adult Educational Contacts). Learn best practices for conducting site visits, where to find resources so you don't have to be an expert, and practice your new skills through role playing. Collaborative effort with co-presenters with Wylde Cafferata and David Ehlers, MWM volunteers.

Meet the technical service providers for your small forestland, online, March 8, 2022, Duration: 2 hours, (24 Adult educational Contacts 24) This is an opportunity to learn about the organizations that provide technical and financial assistance to forest landowners. This workshop will include presentations from representatives of the organizations and include time to ask questions. Collaborative effort with Daniel Stark and Aaron Groth.

Fire Aware. Fire Prepared. West Lane County, Online, May 19, 2021, Duration: 2 hours, (63 adult educational contacts). How local organizations can help landowners prepare for wildfire. Collaborative Effort with co presenters Amanda Rau and Aaron Groth, and partner agencies ODF, BLM, USFS, NRCS, State Fire Marshall, Eugene Fire District, Lane County, and Fire Prevention Co-op.

Fire Aware. Fire Prepared. East Lane County, Online, May 17, 2021, Duration: 2 hours, (60 adult educational contacts). How local organizations can help landowners prepare for wildfire. Collaborative Effort with co presenters Amanda Rau and partner agencies ODF, BLM, USFS, State Fire Marshall, McKenzie Fire and Rescue, Pure Water Partnership, Lane County, and Fire Prevention Co-op.

Afternoon Thinning Virtual Field Tour, online, September 30, 2020, Duration: 1 hours, (19 adult educational contacts). Landowners watched a video I filmed and edited of two landowners describing their thinning operations in the field including descriptions of relative density for various objectives. Landowners and I were available live for questions. Collaborative effort with presenters from Lane County Small Woodlands Association.

Evening Thinning Virtual Field Tour, online, September 30, 2020, Duration: 1 hours, (34 adult educational contacts). Landowners watched a video I filmed and edited of two landowners describing their thinning operations in the field including descriptions of relative density for various objectives. Landowners and I were available live for questions. Collaborative effort with presenters from Lane County Small Woodlands Association.

Trees, You, and CO2, Eugene, OR, December 19, 2019, Duration: 2 hours, (19 adult

educational contacts). Forest Carbon Cycle and managing for carbon storage.

Events that I presented

An event that was coordinated by a colleague or partner organization in which I was invited to speak.

Wildlife Cameras, Zooming into Wildlife, Online, February 13, 2022, Duration 1 hour (150 adult educational contacts and 150 youth educational contacts). Participants learned tips for wildlife camera use to view wildlife in forests. This was an invited presentation for an online series about wildlife hosted by Minnesota 4H with national reach.

Reducing Your Home's Risk to wildlife, Eugene, OR, October 19, 2022, Duration 1 hour (4 adult educational contacts). Participants learned about fire ecology and Firewise techniques to reduce their home's risk to wildfire. This was an invited presentation at the Linn County United Methodists Women's philanthropy meeting.

Reducing Your Home's Risk to wildlife, Eugene, OR, October 15, 2022, Duration 1 hour (23 adult educational contacts). Participants learned about fire ecology and Firewise techniques to reduce their home's risk to wildfire. This was an invited presentation at the Lane County Home Show.

Forest Management: Timber Activity, Forests Today and Forever Field Days, Eugene, OR, October 14, 2022 Duration: 4 hours, (2 adult and 18 youth educational contacts) Middle school students were lead through an activity that taught them about timber management, how to measure trees, as well as calculate the number of board feet and the dollar value of the trees that are in a given area. This class is part of the Forests Today and Forever field days and middle school curriculum. The presentation was an hour long and repeated 4 times throughout the day.

Pond Life: Ponds as habitat, Oregon City, OR, October 8, 2022, Duration: 1 hour (taught twice), (45 adult educational contacts). Participants learned what features of ponds are important for wildlife habitat. This class was part of Clackamas Tree School Field Day.

Forest Management: Timber Activity, Forests Today and Forever Field Days, Eugene, OR, September 27, 2022, Duration: 2 hours, (3 adult and 13 youth educational contacts) Middle school students were lead through an activity that taught them about timber management, how to measure trees, as well as calculate the number of board feet and the dollar value of the trees that are in a given area. This class is part of the Forests Today and Forever field days and middle school curriculum. The presentation was an hour long and repeated 2 times throughout the day.

Reducing Your Home's Risk to wildlife, Eugene, OR, September 17, 2022, Duration 1 hour (23 adult educational contacts). Participants learned about fire ecology and Firewise techniques to reduce their home's risk to wildfire. Co-presented with Kayla Bordelon.

Enhancing Pollinator Habitat. Family Forestry Convention, Corvallis, OR, June 24, 2022, Duration 1 hour, (190 adults educational contacts). Management activities for small woodland owners to enhance pollinator habitat on their properties'. I was invited by the Oregon Small Woodlands Association and the Oregon Tree Farm System to present at this conference.

Forest Management: Timber Activity, Forests Today and Forever Field Days, Eugene, OR,

May 24, 2022, Duration: 4 hours, (4 adult and 30 youth educational contacts) Middle school students were lead through an activity that taught them about timber management, how to measure trees, as well as calculate the number of board feet and the dollar value of the trees that are in a given area. This class is part of the Forests Today and Forever field days and middle school curriculum. The presentation was an hour long and repeated 4 times throughout the day.

Measuring Trees (session 2), Pleasant Hill, OR April 26, 2022, Duration: 1 hours, (2 adult educational contact, 20 youth educational contacts). Forestry careers, measuring trees, and how that information is used in forest management decisions. Invited by Angela White, FFA teacher at Pleasant Hill High School.

Measuring Trees (session 1), Pleasant Hill, OR April 26, 2022, Duration: 1 hours, (1 adult and 27 youth educational contacts). Invited by Angela White, FFA teacher at Pleasant Hill High School. Forestry careers, measuring trees, and how that information is used in forest management decisions.

How forests grow. Florence, OR, April 30, 2022, Duration: 1 hours, (10 adult contacts) This presentation covered the growth cycle of forests and how drought affects W. OR forests. This event was planned by the Tree City USA committee in Florence, OR and I was the invited speaker.

Sustainable Forest Management, 4th and 5th grade Tree Farm Day, Eugene, March 31, 2022 - April 1, 2022, Duration: 6 hours, Face to Face (150 Youth Contacts and 24 Adult Contacts). This was an in-field presentation where students hiked through different forest stands to learn about how forests grow and different sustainable forest practices. This 25 min presentation was taught 4 times each day over 2 days This program was organized by the Eugene Based Non-profit organization Forests Today and Forever.

Fire Risk Reduction to your Home in Western Washington, Coached Planning, online, November 3, 2021, Duration: 1 hour, (50 adult educational contacts). Managing your home ignition zone with proper landscaping and construction materials. Organized by Washington State University Extension Forestry.

Fire Risk Reduction to your Home in Western Washington, Coached Planning, online, October 27, 2021, Duration: 1 hour, (50 adult educational contacts). Managing your home ignition zone with proper landscaping and construction materials. Organized by Washington State University Extension Forestry.

Firewise Landscaping, Skinner Butte Neighborhood Association Meeting, online, July 28, 2021, Duration: 1 hours, (10 adult educational contacts). Defensible space management for reducing fire risk to one's home. Organized by Skinner Butte Neighborhood Association.

*Native Trees of Western Oregon, Tree School Online, online, April 6, 2021, Duration: 2 hours, (123 adult educational contacts live, 372 views of the recording). Tools for identifying native trees and their silvicultural characteristics. Organized by the partners for forestry education, Co-presenter Alicia Christiansen.

Trees, You, and CO2, WOW Charge Retreat, Online, September 25, 2020, Duration: 1 hours, (57 adult educational contacts). Forest Carbon Cycle and managing for carbon storage. Organized by Tiffany Hopkins.

Princes in disguise: Frogs and other amphibians in northwest woodlands (session 2), 2020 Forest Stewardship Online Webinar Series, Online, August 18, 2020, Duration: 1 hours, (64 adult educational contacts). Description and identification of Northwest amphibian species. Organized by WSU Extension.

Princes in disguise: Frogs and other amphibians in northwest woodlands (session 1), 2020 Forest Stewardship Online Webinar Series, Online, August 18, 2020, Duration: 1 hours, (111 adult educational contacts). Description and identification of Northwest amphibian species. Organized by WSU Extension.

Forest Management Plan Writing for Tree Farmers, Tree School Online, Online, June 2, 2020, Duration: 2 hours, (276 adult educational contacts). What goes into a management plan and what resources are available. Collaborative effort with organizer The Partners for Forestry Education and co- presenter Ryan Gordon, ODF.

Community Wildfire protection Plan Landowner Survey Results, Lane County Board of Commissioners meeting, online, April 7, 2020, (10 adult educational contacts). Reporting of results of the CWPP Landowner Survey to inform County Commissioners of the need and public interest in the CWPP. Organized by Lane County.

Native Trees and Shrubs, Rural Living Day, Junction City, OR, March 7, 2020, Duration: 2 hours, (16 adult educational contacts). Tools for identifying native trees and shrubs and their silvicultural characteristics. Organized by Small Farms Extension.

Firewise Landscaping, Master Gardener Seminar Series, Eugene, OR, February 18, 2020, Duration: 1 hours, (15 adult educational contacts). Defensible space management for reducing fire risk to one's home. Organized by Lane County Master Gardeners.

Oregon Management Planning Website Update, Silverton, OR, November 5, 2019. Duration: 1 hour (20 adult educational contacts). Current updates to the Oregon Management Planning website. Organized by The partners for Forestry Education.

Attracting Amphibians and Reptiles to your Yard, Lane County Home Show, Eugene, OR, October 11, 2019, Duration: 1 hours, (9 adult educational contacts, 2 youth educational contacts). Techniques for enhancing amphibian and reptile habitat in home and small acreage landscapes.

Forest Management: Timber Activity, Forests Today and Forever Field Days, Eugene, OR, October 7, 2019, Duration: 4 hours (four, one hour sessions), (4 adult educational contacts, 26 youth educational contacts). The management cycle and measuring trees. Organized by Forests Today & Forever.

Learning From Doing: Needs Assessments, FNR Extension Orientation, Coos Bay, August 22, 2019, Duration: 1 hours, (6 adult educational contacts). How to complete a needs assessment with the FNR extension framework. Collaborative effort with organizer OSU FNR Extension, co-presenter Carrie Berger.

Oregon's Coastal Forests, Siuslaw Watershed Council Summer Camp, Deadwood, OR, June 19, 2019, Duration: 4 hours (four, one hour sessions), (45 youth educational contacts). Description of stand dynamics and the role of disturbance in coastal forests. Organized by Siuslaw Watershed Council.

Forest Management: Timber Activity, Forests Today and Forever Field Days, Eugene, OR,

May 7, 2019, Duration: 4 hours (four, one hour sessions), (4 adult educational contacts, 26 youth educational contacts) The management cycle and measuring trees. Organizer Forests Today & Forever.

Measuring Trees (session 2), Pleasant Hill, OR April 23, 2019, Duration: 2 hours, (1 adult educational contact, 25 youth educational contacts). Forestry careers, measuring trees, and how that information is used in forest management decisions. Invited by Angela White, FFA teacher at Pleasant Hill High School.

Measuring Trees (session 1), Pleasant Hill, OR April 23, 2019, Duration: 2 hours, (8 youth educational contacts). Invited by Angela White, FFA teacher at Pleasant Hill High School. Forestry careers, measuring trees, and how that information is used in forest management decisions.

*Basic Timber Inventory for Woodland Owners, Tree School Umpqua, Roseburg, March 29, 2019, Duration: 2 hours, (25 adult educational contacts). How to complete an inventory on your property, calculate volume, and use inventory information in your planning. Organized by Alicia Christiansen.

*Introduction to Forest Management Plan Writing, Tree School Umpqua, Roseburg, March 29, 2019, Duration: 2 hours, (18 adult educational contacts). What goes into a management plan and the resources available. Organized by Alicia Christiansen.

*Basic Tree Measurements, Tree School Clackamas, Oregon City, March 23, 2019, Duration: 2 hours, (25 adult educational contacts). How to measure trees with a DBH tape, clinometer, woodland stick and increment borer. Organized by Glenn Ahrens.

*Forest Management Plan Writing for Tree Farmers, Tree School Clackamas, Oregon City, March 23, 2019, Duration: 2 hours, (30 adult educational contacts) Collaborative effort with organizer Glenn Ahrens and co presenters Ryan Gordon and Jim Cathcart.

Native Trees and Shrubs, Master Gardener Training, Eugene, OR, February 20, 2019, Duration: 3 hours, (25 adult educational contacts). How to identify native trees and shrubs including their silvicultural characteristics. Organized by Jet Eccleston.

Native Shrubs for your Garden, Garden Home Show, Eugene, OR, January 18, 2019, Duration: 1 hours, (28 adult educational contacts), Reasons to plant native shrubs and some examples of native shrubs that are good candidates for home landscapes. Organized by Patty Driscoll.

Reducing wildfire risk to your community and lessons from the camp fire, Eugene, OR, January 5, 2019, Duration: 2 hours, (68 adult educational contacts). Description of fire science, Firewise techniques, and how we can learn from the camp fire. Collaborative effort with co-presenter Alex Rahmlow, ODF.

OSU Extension Forestry - Lane County Update, Eugene, OR, December 11, 2018, Duration: 1 hours, (5 adult educational contacts), Presentation to the Lane County Board of Commissioners about the status of the Forestry Extension Program as it relates to the 2016 serial levy funding received. Organized by Lane County.

Native Trees and Shrubs, Eugene, OR, November 20, 2018, Duration: 2 hours, (30 adult educational contacts), How to identify native trees and shrubs including their silvicultural characteristics. Organized by Eugene Garden Club.

*Habitat Controls on Northern Red-legged Frog populations, Society of American Foresters Meeting, Eugene, OR, October 16, 2018, Duration: 1 hours, (18 adult educational contacts). Most critical habitat requirements for northern red-legged frogs.

Oregon Management Planning Website Presentation, Silverton, OR, October 11, 2018. Duration: 1 hour (30 adult educational contacts). Update on changes to the website. Coordinated by The Partners For Forestry Education.

Learning From Doing: Needs Assessments, Seeding Success, Online, October 9, 2018, Duration: 1 hours, (22 adult educational contacts). How to complete a needs assessment using the educational need model and a case study from Lane County FNR. Organized by Jim Johnson.

Forest Management: Timber Activity, Forests Today and Forever Field Days, Eugene, OR, September 25, 2018, Duration: 4 hours (four, one hour sessions), (4 adult educational contacts, 26 youth educational contacts). Timber management cycle and tree measurements. Organized by Forests Today & Forever.

Forest Management: Timber Activity, Forests Today and Forever Field Days, Eugene, OR, May 17, 2018, Duration: 4 hours (four, one hour sessions), (4 adult educational contacts, 26 youth educational contacts). Timber management cycle and measuring trees. Organized by Forests Today & Forever.

Clear Cut or Not? Understanding Sustainable Forestry, Eugene, OR, April 12, 2018, Duration: 2 hours, (110 adult educational contacts) Panel discussion about forest ecology and management in Lane County. Co panelists included Mark Miller (Trout Mountain Forestry), Todd Payne (Seneca Family of Companies), and Chandra LeGue (Oregon Wild). Organized by Greenlane Sustainable Business Network.

*Basic Forest Measurement Tools, Tree School Clackamas, Oregon City, OR, March 24, 2018, Duration: 2 hours, (22 adult educational contacts). Measuring trees with a DBH tape, clinometer, woodland stick, and increment borer. Organized by Glenn Ahrens.

*Basic Timber Inventory for Woodland Owners, Tree School Clackamas, Oregon City, OR, March 24, 2018, Duration: 2 hours, (25 adult educational contacts), How to complete an inventory, measure trees, calculate volume, and use what you've learned in your management plans. Collaborative effort, with co-presenter Valarie Elder and organized by Glenn Ahrens.

*Forest Management Plan Writing, Tree School Clackamas, Oregon City, OR, March 24, 2018, Duration: 2 hours, (17 adult educational contacts). Parts of a plan and resources available to help develop a plan. Collaborative effort with co presenters Thomas Whittington and Jim Cathcart.

Women in Forestry, Philanthropic Educational Organization (P.E.O.) Chapter Meeting, Eugene, OR, March 19, 2018, Duration: 1 hours, (17 adult educational contacts), History of women's role in forestry and my experience as a women in forestry. Organized By Cindy Jensen.

Landscaping to reduce your home's risk to wildfire, Lane County Home Show, Eugene, OR, March 11, 2018, Duration: 1 hours, (20 adult educational contacts, 1 youth educational contacts). Introduction to fire science and Firewise techniques. Organized by Patty Driscoll.

Native Trees and Shrubs, Master Gardener Training, Eugene, OR, March 7, 2018, Duration: 3 hours, (53 adult educational contacts). Characteristics for identification and silvicultural characteristics. Organized by Jet Eccleston.

Reducing your home's risk to wildfire and Firewise Communities, Spencer Butte Homeowners Association Meeting, Eugene, OR, March 3, 2018, Duration: 1 hours, (18 adult educational contacts). Collaborative effort with co-presenter Tom steward.

What Extension Brings to Landowners in Lane County, Lane County Small Woodlands Association Annual meeting, Eugene, OR, January 18, 2018, Duration: 1 hour (80 adult educational contacts). Forestry resources and educational programming that is offered in Lane County. Organized By Lane County Small Woodlands Association.

Growing Healthy Forests, Goldson, OR, January 4, 2018, Duration: 1 hours, (27 adult educational contacts, 3 youth educational contacts). Forest stand dynamics and thinning. Organized by a grange member.

*Expand your base, Oregon Tree Farm System Annual Meeting, Silverton, October 21, 2017, Duration: 2 hours, (15 adult educational contacts). Explored the national woodland owner survey and discussed approaches for engaging more family forest owners in a meaningful conversation about their woods. Collaborative effort with co-presenter Tamara Cushing.

Forest Management: Timber Activity, Forest Field Days, Eugene OR, September 27, 2017, Duration: 4 hours (four one hour sessions), (8 adult educational contacts, 28 youth educational contacts). Timber management cycle and tree measurements. Organized by Forests Today and Forever.

Native Trees of Lane County, Master Gardener Fall Festival, Eugene, OR, September 23, 2017, Duration: 1 hours, (18 adult educational contacts). Common Lane County Trees and how to identify them. Organized by Lane County Master Gardener Association.

*Thinning Young Douglas-fir Stands, Oregon Small Woodlands Association Tree Farmer of the Year Field Tour, Florence, June 17, 2017, Duration: 3 hours, (three, one hour sessions) (154 adult educational contacts). How to evaluate trees for thinning and determining target stand density. Organized by Dave and Diane Rankin.

Forest Management: Timber Activity, Forest Field Days, Eugene OR, May 4, 2017, Duration: 4 hours, (four, one hour sessions), (8 adult educational contacts, 28 youth educational contacts). Timber management cycle and tree measurements. Organized by Forests Today and Forever.

Forest Management: Timber Activity, Forest Field Days, Eugene OR, April 25, 2017, Duration: 4 hours, (four, one hour sessions), (8 adult educational contacts, 28 youth educational contacts). Timber management cycle and tree measurements. Organized by Forests Today and Forever.

*Finding Frogs and Noticing Newts, Tree School Clackamas, Oregon City, OR, March 25, 2017, Duration: 2 hours, (19 adult educational contacts, 1 youth educational contacts). Common Western OR amphibians, how to identify adults and eggs, important habitat requirements. Organized by Glenn Ahrens.

What Extension Brings to Landowners in Lane County, Lane County Small Woodlands

Association Annual meeting, Eugene, OR, January 19, 2017, Duration: 1 hour (70 adult educational contacts) Forestry resources and educational programming that is offered in Lane County. Organized by Lane County Small Woodlands Association.

Forests and Plants: 4H junior Master Naturalist Course, Eugene, OR, November 18, 2016, (1 adult educational contacts, 5 youth educational contacts). Forest plants, how trees grow, and competition. Collaborative effort with organizer Lane County 4H and co-presenter Alicia Christiansen.

Finding Frogs, Noticing Newts, Women Owning Woodlands Retreat, Silver Falls, OR, November 5, 2016, (18 adult educational contacts), Common Western OR amphibians, how to identify adults and eggs, important habitat requirements. Organized by Tiffany Hopkins.

Why are my trees dying?, Lane County Home Show, Eugene OR, October 8, 2016, (15 adult educational contacts), The effect of drought on trees and secondary affects. Organized by Patty Driscoll.

Forest Management: Timber Activity, Forest Field Days, Eugene OR, September 29, 2016, Duration: 4 hours (four, one hour sessions), (5 adult educational contacts, 28 youth educational contacts). Timber management cycle and tree measurements. Organized by Forests Today and Forever.

Why are my trees dying?, Master Gardener Fall Festival, Eugene OR, September 24, 2016, Duration 1 hour, (23 adult educational contacts, 1 youth educational contacts), The effect of drought on trees and secondary affects. Organized by Lane County Master Gardeners.

Identifying Tree Diseases: Master Gardener Plant Diagnostics Prowl, Eugene, OR, June 16, 2016, Duration 2 hours, (15 adult educational contacts), Walking tour of Skinner Butte to ID dying trees and the cause. Organized by Lane County Master Gardeners.

Reducing Fire Risk to your Home in the Woods, Walton OR, May 25, 2016, Duration: 1 hours, (32 adult educational contacts). Introduction to fire science and Firewise landscaping techniques. Collaborative effort with Co-presenter Shannon Vandeventer and Organized by the Siuslaw Watershed Council.

Events that I coordinated

An event that I handled the planning, organization, and facilitation for, but invited others to present the educational material.

Log Buyer Forum, Springfield, OR, February 15, 2023, Duration: 2 hours, (24 adult educational contacts). This panel presentation allowed landowners to connect directly with local log buyers to learn about how to sell their logs. Collaborative effort with co-coordinator Lane Small Woodlands Association and Presenters Tim Tracy, Alan Cassina, Joel Clark, and Josh Miller.

Planning your Year on the Forest, online, July 12, 2022, Duration: 2 hours, (49 adult Educational Contacts). This webinar discussed how to plan the activities that you want to accomplish over the next year on your woodland property with your management plan as a guide. Collaborative effort with presenters, Matt Fehrenbacher, Trout Mountain Forester, and Master Woodland Managers Steve and Wylda Cafferata.

Meet the technical service providers for your small farm, online, April 6, 2022, Duration: 2

hours, (34 Adult educational Contacts) This is an opportunity to learn about the organizations that provide technical and financial assistance to agricultural producers. This workshop will include presentations from representatives of the organizations and include time to ask questions. Collaborative effort with Melissa Fery, Evelyn Smith, Daniel Stark and Aaron Groth.

Christmas Tree Experimenting: What's new and what stays the same after 40 years, Tree School Online, Online, December 14, 2021, Duration: 2 hours, (87 adult educational contacts). Recap of Christmas tree managing issues and successes over the last 40 years. Collaborative effort with co-organizers Dan Stark, Glenn Ahrens, and OFRI and presenters Chal Landgren and Judy Kowalski.

Evening Ponds Virtual Field Tour, online, October 6, 2020, Duration: 1 hours, (28 adult educational contacts). How to build and maintain a woodland pond. Collaborative effort with presenter Steve Bowers.

Afternoon Ponds Virtual Field Tour, online, October 6, 2020, Duration: 1 hours, (28 adult educational contacts). How to build and maintain a woodland pond. Collaborative effort with presenter Steve Bowers.

The Oregon Forest Industry Directory - Intro and Update, Online, April 23, 2020, Duration: 1 hours, (18 adult educational contacts). How to use and improve the Oregon Forest Industry Directory. Collaborative effort, presenter Scott Leavengood.

Why are my trees dying?, Eugene, OR, October 25, 2019, Duration: 2 hours, (26 adult educational contacts). Description of signs and symptoms of unhealthy maple, oak, alder, Douglas-fir, grand fir, and cedar and what we can do to prevent those trees from dying. Collaborative effort with presenter David Shaw.

Identification and Control of Invasive Weeds, Pleasant Hill, OR, April 11, 2019, Duration: 2 hours, (15 adult educational contacts). Local invasive species identification and how to manage them. Collaborative effort, with co-organizer Middle Fork Willamette Watershed Council and presenters Glenn Miller and Wyatt Williams.

Invasive Species Science Pub, Pleasant Hill, OR, March 26, 2019, Duration: 2 hours, (35 adult educational contacts). Common invasive species in the middle fork and how to identify them. Collaborative effort, with co-organizer Middle Fork Willamette Watershed Council and presenter Glenn Miller.

Trees and Taxes, Eugene, OR, February 8, 2019, Duration: 2 hours, (19 adult educational contacts), Harvesting related income taxes and forestland deferral programs. Collaborative effort with presenter Tamara Cushing.

Growing Trees for Optimal Wood Quality, Eugene, OR, January 9, 2019, Duration: 2 hours, (10 adult educational contacts). Tree growth processes, wood quality concepts, and implications of silvicultural activities. Collaborative effort with presenter John Panches.

Introduction to forest soils and using the web soil survey, Lane County Extension Office, Eugene, OR, March 1, 2017, Duration: 2 hours, (8 adult educational contacts). Soil science, use of the web soil survey, and how this information fits into a management plan. Collaborative effort, with NRCS (presenter).

The Ins & Outs of Special Forest Products, Creswell, OR, February 18, 2017, Duration: 2

hours, (18 adult educational contacts, 1 youth educational contacts). What products are included in the special forest products industry, marketing, and starting a new business. Collaborative effort with presenter Oregon Herb and Craft.

Trees and Taxes: Understanding Forestry Related Taxes, Eugene, OR, January 24, 2017, (31 adult educational contacts). Information on Forest tax deferral programs, forest management expenses, how to handle recent forest income, or plan for future forest income. Collaborative effort with Presenter Tamara Cushing.

Logs to Lumber to Living: A Cabin in the Woods, Eugene, OR, October 27, 2016, (26 adult educational contacts). Using lumber from your own property to build a cabin. Collaborative effort with presenter Steve Bowers (presenter).

Workshop

An educational event longer than 2 hours, on a specified topic with defined educational objectives delivered indoors or in the field.

Events that I Coordinated and Presented

An event that I handled the planning, organization, and facilitation for in addition to delivering some or all of the educational material.

Women Owning Woodlands - Special Forest Products: Wreath Making, Eugene, OR, December 6, 2022, Duration: 2 hours, (25 adult educational contacts, 1 youth educational contacts). Description of special forest products, how to correctly cut boughs, permit requirements from public lands, and how to make a wreath. Collaborative effort, co-organized by Tiffany Hopkins and co-presented with Lindsay Reaves (MWM volunteer).

Volunteer-Based Programs. Association of Natural Resources Extension Professionals, National focus, Online. December 8, 2021. Duration 4 hours, (41 adult educational contacts). Presentations and discussions focused on continuing education for Extension professionals who manage volunteer programs. Collaborative effort with co-organizers and presenters Tiffany Hopkins, Chris Schnepf, Jim Ekins, Hope Braithwaite and invited presenters Amy Rowe, Michele Bakacs, and Jennifer Marquis. I presented Where We Go From Here: The future of volunteer based programs.

Women Owning Woodlands - Special Forest Products: Wreath Making, Eugene, OR, November 23, 2019, Duration: 4 hours, (34 adult educational contacts, 1 youth educational contacts). Description of special forest products, how to correctly cut boughs, permit requirements from public lands, and how to make a wreath. Collaborative effort, co-organized by Tiffany Hopkins.

Learn and Work: Pollinator Hedgerows, Cottage Grove, OR, November 9, 2019, Duration: 3 hours, (7 adult educational contacts), How to plan and implement a pollinator hedgerow followed by planting.

Protecting your home from Wildfire, Florence, OR, June 4, 2019, Duration: 6 hours, (9 adult educational contacts). Introduction to fire science and landscaping techniques to reduce fire risk to a home in the woods. Included a field trip to do a home assessment. Collaborative effort with co-organizer Quincy Coons and co-presenter Alex Rahmlow.

Forests for Engaged Learning, Eugene, OR, June 1, 2019, Duration: 6 hours, (6 adult educational contacts). Training for landowners interested in teaching children about

forestry on their land. Collaborative effort with co-organizers and presenters Oregon Natural Resources Education Program, Oregon Forest Resources Institute, Forests Today & Forever.

Protecting your home from Wildfire, Springfield, OR, May 18, 2019, Duration: 6 hours, (8 adult educational contacts). Introduction to fire science and landscaping techniques to reduce fire risk to a home in the woods. Included a field trip to do a home assessment. Collaborative effort, with co-organizer and presenter Justin Patten.

Riparian walk and wreath making workshop, Women Owning Woodlands Network Event, Walton, OR, December 8, 2018, Duration: 4 hours, (5 adult educational contacts). Description of special forest products and making a wreath out of fresh boughs. Followed by a riparian management walk including a thinning project with the new SSBT rules. Collaborative effort, with co-organizer Tiffany Hopkins.

Native Trees Walk: Identification and Silvics, University of Oregon Campus, Eugene, OR September 8, 2016, Duration: 2 hours (31 adult educational contacts). Walk through campus to identify key characteristics of native trees and their life characteristics. Collaborated with co-organizer Alicia Christiansen.

Events that I presented

An event that was coordinated by a colleague or partner organization in which I was invited to speak.

Upland Ecology, Master Woodland Manager Volunteer Training, Scio, OR, April 16, 2022, Duration: 6 hours, (25 adult educational contacts). How to plan for wildlife management while completing your silviculture practices. Collaborative effort with organizers Brad Withrow-Robinson and Glenn Ahrens and co-presented Stephen Fitzgerald.

Pollinator Habitat Enhancement Planning, Master Woodland Manager Continuing Education Program, Online, December 16, 2021. Duration 2 hours, (17 educational contacts). This workshop went over management strategies for pollinator enhancement activities and then guided participants through an exercise to plan for their own property. Collaborative effort with organizer Tiffany Hopkins and co-presenter Brad Withrow-Robinson.

*Tree Farm System Inspector Training, Online, July 13, 2021, Duration: 4 hours, (7 adult educational contacts). How to assess a tree farm and management plan for the Tree Farm sustainability certification. Organized by Oregon Tree Farm System.

Tree Farm System Inspector Training, Online, June 17, 2021, Duration: 4 hours, (10 adult educational contacts). How to assess a tree farm and management plan for the American Tree Farm System sustainability certification. Organized by Oregon Tree Farm System.

Upland Ecology, Master Woodland Manager Volunteer Training, Myrtle Point and Bridge, OR, February 7, 2020, Duration: 7 hours, (26 adult educational contacts). How to plan for wildlife management while completing your silviculture practices. Collaborative effort with organizer Norma Kline and co-presented Stephen Fitzgerald.

Upland Ecology, Master Woodland Manager Volunteer Training, Glide, OR, October 3, 2019, Duration: 7 hours, (26 adult educational contacts). How to plan for wildlife management while completing your silviculture practices. Collaborative effort with

organizer Alicia Christiansen and co-presented Stephen Fitzgerald.

Wildfire Preparedness Day, Eugene, OR, May 4, 2019, Duration: 3 hours, (35 adult educational contacts). Explanation of landowner assistance resources and fire's impact on the Eugene South Hills. Field trip followed with a home landscape assessment. Organized by ODF, Eugene/Springfield Fire, Eugene Parks.

WILD at the Refuge, Reptiles and Amphibians, USFS Finley Wildlife Refuge, south of Corvallis, October 6, 2018, Duration: 6 hours, (14 adult educational contacts). Identification of common amphibians of the Willamette valley and their habitat requirements. Organized by Benton County 4H.

WOWNet Management Planning Hands-on Workshop, Oregon City, OR, June 21, 2018, Duration: 6 hours, (16 adult educational contacts). How to use the online tools available for writing a forest management plan. Collaborative effort, with Organizer Tiffany Hopkins.

Management at your fingertips: Learn and practice with web-based forest resources, Tree School Baker, Baker City, OR, April 21, 2018, Duration: 3 hours, (10 adult educational contacts). How to use the online tools available for writing a forest management plan. Collaborative effort with organizer Bob Parker and co-presenter Alicia Christiansen.

How to be a Mentor, Mentored Management Planning Short Course, Elkton, OR, March 2, 2018, Duration: 2 hours, (8 adult educational contacts). Training for mentors in the mentor management planning series. Collaborative effort with co-organizer and presenter Alicia Christiansen.

Tree Farm System Inspector Training, Eugene, OR, November 8, 2017, Duration: 4 hours, (7 adult educational contacts). How to assess a tree farm and management plan for the Tree Farm sustainability certification. Organized by Oregon Tree Farm System.

Native Trees Walk: Identification and Silvics, Elkton, OR, September 21, 2016, Duration: 2 hours (16 adult educational contacts, 2 youth educational contacts). Walk in the woods to identify key characteristics of native trees and their life characteristics. Collaborative effort with organizer and co-presenter Alicia Christiansen.

Forestry Envirothon Training, Eugene OR, April 20, 2016, Duration: 4 hours (2 adult educational contacts, 14 youth educational contacts). Native trees, forest stand dynamics and how to measure trees. Organized by Forests Today & Forever.

Events that I coordinated

An event that I handled the planning, organization, and facilitation for, but invited others to present the educational material.

Biochar Virtual Workshop and Field day, Hybrid (Vida, OR) February 28th and March 5th, 2022. Duration: 8 hours (54 Adult Educational Contacts) Learn to convert problem forest fuels into biochar onsite. This course included an online class on the benefits of biochar and how to make it, followed by an in-field training where participants assisted in the making of biochar using two different kilns and two different piling systems. Collaborative effort with presenters Pongraztz forestry, Nighswander Resources, and Kelpie Wilson. ODF provided the water resources.

Women Owning Woodlands Chainsaw Use, Safety, and Maintenance, Vida, OR, March 3, 2022. Duration: 4 hours (12 Adult Educational Contacts). Presentations on women's

chainsaw use, safety, and maintenance with opportunities for participants to practice with their own chainsaw. Collaborative event with co-organizer Tiffany Hopkins and presenters Pongraztz forestry and Nighswander Resources.

Beetle Control with MCH, Walton, OR, March 14, 2020, Duration: 3 hours, (9 adult educational contacts). Hands on workshop identifying Douglas-fir beetle damage and control using MCH. Collaborative effort with presenter Christine Buhl, ODF.

Learn and Burn, Eugene, OR, November 8, 2019, Duration: 8 hours, (27 adult educational contacts). Introduction to fire science, managing with fire, building a pile that burns, smoke management, biochar, after burn seeding/planting, field trip assessing built piles. Collaborative effort with co-organizer Carrie Berger and presenters Amanda Rau, Daniel Leavell, Dave Kojeness, and Katie MacKendrick.

Growing and Harvesting Poplar, Eugene, OR, June 13, 2019, Duration: 5 hours, (24 adult educational contacts). How to manage and harvest poplar trees, what products can poplar make, and how to market the species. Collaborative effort with co-organizer Metropolitan Wastewater Management Commission.

Cable Anchoring Workshop: failure mechanisms, safe design and new technologies, Springfield, OR, March 6, 2019, Duration: 6 hours, (36 adult educational contacts). Concepts of cable logging anchors in general, then soils and the effect on anchoring, multi-stump anchors, deadman anchors and then exercises/demonstration on how to design deadman and synthetic rope anchors. Collaborative effort, with Francisca Belart (presenter/organizer), Jeff Weimer (presenter), and Ben Leshchinsky (presenter).

Inventory Continuing Education for Master Woodland Managers, Eugene, OR, January 14, 2019, Duration: 5 hours, (8 adult educational contacts), How to do inventory plots and calculate stand volumes. Collaborative effort with presenter was Stephen Fitzgerald.

Cable Anchoring Workshop: failure mechanisms, safe design and new technologies, Eugene, OR, November 16, 2018, Duration: 6 hours, (27 adult educational contacts). Concepts of cable logging anchors in general, then soils and the effect on anchoring, multi-stump anchors, deadman anchors and then exercises/demonstration on how to design deadman and synthetic rope anchors. Collaborative effort, with Francisca Belart (presenter/organizer), Jeff Weimer (presenter), and Ben Leshchinsky (presenter).

FNR Summer Planning Meeting, Florence, Or, August 7, 2018 - August 9, 2018, Duration: 24 hours, (25 adult educational contacts). Project planning for next fiscal year. Collaborative effort with OSU FNR planning team.

Protecting your home from Wildfire, Eugene, OR, May 19, 2018, Duration: 6 hours, (30 adult educational contacts). Introduction to fire science and landscaping techniques to reduce fire risk to a home in the woods. Included a field trip to do a home assessment. Collaborative effort with Presenters Alex Rahmlow, Justin Patten, and Kara Baylog.

Mistletoe and Wildlife, Corvallis, OR, December 2, 2017, Duration: 3 hours, (12 adult educational contacts). Programing on the ecology, incidence, and habitat benefits of Oak Mistletoe and Root rot on Oregon White Oak. Collaborative effort with co-organizer Brad Withrow-Robinson and presenter David Shaw.

Ties to the Land, Eugene, OR, October 14, 2017, Duration: 3 hours, (26 adult educational

contacts). Landowner succession planning. Collaborative effort with presenter Tamara Cushing and co-organizer Friends of Buford Park and Mt. Pisgah.

Oregon Forest Pest Detector, Eugene, September 1, 2017, Duration: 5 hours, (24 adult educational contacts). Designed to improve early detection of exotic forest insect pests. Collaborative effort, with co organizers and presenters Amy Grotta, Brandy Safell, ODA, ODF, USDA-APHIS, USDA Forest Service, and Eugene Parks.

Cruise, Fall, Buck, and Scale, Eugene, OR, April 22, 2017, Duration: 3 hours, (19 adult educational contacts, 1 youth educational contacts). Estimating tree standing volume, safe felling, bucking for maximum value, and estimating net volume after scaling. Collaborative effort with presenter Steve Bowers.

Oregon Forest Pest Detector, Eugene, October 14, 2016, Duration: 4 hours (19 adult educational contacts) Collaborative effort, with Amy Grotta, Brandy Safell, ODA, ODF, USDA-APHIS, USDA Forest Service, and Eugene Parks. Designed to improve early detection of exotic forest insect pests.

Oregon Forest Pest Detector, Eugene, October 14, 2016, Duration: 4 hours (25 adult educational contacts). Designed to improve early detection of exotic forest insect pests. Collaborative effort, with co organizers and presenters Amy Grotta, Brandy Safell, ODA, ODF, USDA-APHIS, USDA Forest Service, and Eugene Parks.

Ties to the Land, River Rd Park, Eugene, OR, May 14, 2016, Duration: 4 hours (9 adult educational contacts). Strategies to maintain generational ties to the land; building awareness of the key challenges facing family businesses; and motivating families to address the challenges. Collaborative effort, with presenter Janean Creighton.

Other

Site Visits, January 1, 2021 - December 31, 2021, (19 adult educational contacts). Visited landowners at their property to discuss management questions and options.

Ask an expert questions answered, January 1, 2021 – December 31, 2021, (32 adult educational contacts). I responded to questions posted online by the community on forestry related topics.

Outreach booths, January 1, 2021 – December 31, 2021, (36 adult educational contacts, 12 youth educational contacts). Acted as a representative of OSU Extension at an event. I answered questions for the public about Extension and forestry related topics.

Newsletter contacts, January 1, 2021 – December 31, 2021 (567 adult educational contacts). Number of subscribers to the Lane County list of Canopy View News.

Educational Contacts, January 1, 2021 – December 31, 2021, (147 adult educational contacts). Questions answered to the general public via phone and email contact.

Ask an expert questions answered, January 1, 2020 - December 31, 2020, (28 adult educational contacts). I responded to questions posted online by the community on forestry related topics.

Outreach booths, January 1, 2020 - December 31, 2020, (824 adult educational contacts, 271 youth educational contacts). Acted as a representative of OSU Extension at an event. I answered questions for the public about Extension and forestry related topics.

Newsletter contacts, April 4, 2016 - December 31, 2020, (544 adult educational contacts). Number of subscribers to the Lane County list of Canopy View News.

Site Visits, January 1, 2020 - December 31, 2020, (17 adult educational contacts). Visited landowners at their property to discuss management questions and options.

Educational Contacts, January 1, 2020 - December 31, 2020, (218 adult educational contacts). Questions answered to the general public via phone and email contact.

Site Visits, January 1, 2019 - December 31, 2019, (11 adult educational contacts). Visited landowners at their property to discuss management questions and options.

Educational Contacts, January 1, 2019 - December 31, 2019, (263 adult educational contacts). Questions answered to the general public via phone and email contact.

About trees and the forestry program, Lane County extension open house, Eugene, OR, September 22, 2019, Duration: 6 hours, (32 adult educational contacts, 28 youth educational contacts). Talk with public about tree questions, their property, and the forestry extension program. Collaborative effort with all of Lane County Extension. My Role: Organizer/Presenter

Mobile Plant Clinic, Veneta Farmers Market, Veneta, OR, August 3, 2019, Duration: 4 hours (22 adult educational contacts). Master Woodland Managers answered public questions about their trees and wooded properties. Collaborative effort, with Master Gardeners. My Role: Coordinator/Organizer.

Mobile Plant Clinic, Veneta Farmers Market, Veneta, OR, July 20, 2019, Duration: 4 hours (20 adult educational contacts). Master Woodland Managers answered public questions about their trees and wooded properties. Collaborative effort, with Master Gardeners. My Role: Coordinator/Organizer.

Mobile Plant Clinic, Dexter Lake Farmers Market, Dexter, OR, June 16, 2019, Duration: 4 hours (20 adult educational contacts). Master Woodland Managers answered public questions about their trees and wooded properties. Collaborative effort, with Master Gardeners. My Role: Coordinator/Organizer.

Lane County Extension Forestry, Oregon Logging Conference, Lane County Fairgrounds, Eugene, OR., February 24, 2018, Duration: 6 hours, (110 adult educational contacts, 75 youth educational contacts). Answer questions about forestry, ecology, management, and the extension forestry program. My Role: Organizer/Presenter.

Management Planning Office Hours, Lane County Extension Office, Eugene, OR, May 23, 2017, Duration: 4 hours, (3 adult educational contacts), walk in opportunity for landowners to get help updating or writing a forest management plan. My Role: Coordinator/Presenter.

Lane County Extension Forestry, Oregon Logging Conference, Lane County Fairgrounds, Eugene, OR., February 24, 2017, Duration: 6 hours, (115 adult educational contacts, 70 youth educational contacts). Answer questions about forestry, ecology, management, and the extension forestry program. My Role: Organizer/Presenter.

Reforestation Q&A, Lane County Small Woodlands Association Seedling Sale, Eugene, OR, February 4, 2017, Duration: 6 hours (75 adult educational contacts. Answered the public's

questions about planting trees, native trees, and reforestation. My Role: Presenter.

c) Curriculum Development

These are formal synchronous and asynchronous courses developed to teach on a specific topic. All materials for the courses are published.

Peer reviewed

Selling Logs from your Property: A curriculum package for facilitators and educators in the Western United States.

Grand, L., Christiansen, A. C., Belart, F., Cushing, T., Schnepf, C., & Ketcheson, K. (2020). Selling Logs from your Property: A Curriculum package for facilitators and educators in the Western United States (PNW739, p. 98).

<https://catalog.extension.oregonstate.edu/pnw739>

I and my collaborators developed this curriculum as a resource for Extension foresters, educators, natural resource professionals, and forestry volunteers to teach participants how to successfully and confidently administer a harvesting operation on their forested property in the Western United States. This curriculum package provides educators with everything they need to know in order to host a log selling symposium, including extensive details on content, planning, and implementation, along with sample presentations, scripts, and program formats. Participants of this training program will understand the following: steps to selling trees, properly identifying the people involved, and defining the expected outcomes when the operation is complete.

My Role: I was the group coordinator, lead author of the curriculum package, lead author on 4 of the modules. I also developed the content into a cohesive document and edited the entire curriculum.

This Curriculum was awarded the 2020 Search for Excellence Award from The Oregon State University Extension Association.

Non-peer reviewed

Oregon Pollinator Stewards for Woodland Owners

I and my collaborators developed this online curriculum to teach land managers interested in advanced techniques to promoting bee health and biodiversity on their land. This program is intended to be an introductory self-paced course of study, with opportunities to meet with peers and mentors. Six self-paced online modules are provided, along with a half-day summer field training and three online discussion sessions. All six modules must be completed and passed with a minimum grade of 85% for certification. The modules are: (1) What is a Pollinator Steward? (2) Bee Biology 101, (3) General Principles of Managing Landscapes for Bees, (4) Management Techniques, (5) Pulling Things Together on Your Property and (6) Certification Activities. Upon completion of the course woodland owners receive an Oregon Bee Project Pollinator Steward sign to post on their property.

Curriculum authors and collaborators: Andony Melathopoulos (OSU), Lauren Grand (OSU), Bradford Withrow-Robinson (OSU), Max Bennett (OSU), Christine Buhl (ODF), Lora Morandin (Pollinator Partnership), Sarah Kincaid (ODA), Pat Wheeler (Master Woodland Manager), Tom Snyder (NRCS), Pamela Monnette (OSU), Scott Mitchell (OSU), Jed Arnold

(Hancock Timber), Amy Bartow (NRCS), August Jackson (Mt Pisgah Arboretum), Chris Hedstrom (OSU), Sara Galbraith (OSU)

My Role: We received a USDA RREA grant of \$20,000 to develop trainings for woodland owners in pollinator health. I was the group coordinator and co-lead developer on the curriculum with Andony Melathopoulos. Together we developed the outline and invited and coordinated the others to develop modules. I authored and delivered one of the sections of module 4. Andony, Brad Withrow-Robinson and I are running the pilot program in spring 2021 with 20 participants.

d) Graduate and Undergraduate Students and Post-Doctoral Trainees.

I have served as a committee member for two Masters of Forestry Students and as a mentor for a student in the Sustainable Natural Resources Graduate Certificate program.

Committee Member

Dankers, Nicholas. MF (June 2021), Forest Ecosystems & Society.

Felty, Jeremy, Patrick. MF (June 2019), Sustainable Forest Management.

Mentor

Hladky, Robert. Sustainable Natural Resources graduate certificate Program. (Spring 2021-Spring 2022). I mentored this student through the development and analysis of his case study project as part of the graduate certificate program.

e) Team or Collaborative efforts

My work with OSU, FNR Extension is all collaborative. Almost all of my work includes partnerships with various stakeholders and partners. You will see evidence of these collaborations throughout my CV.

Holiday Farm Fire Reforestation (2021- present) In September 2020 the Holiday Farm Fire burned 173,393 Acres in my service area. In order to aid small landowners in reforestation efforts, I am collaborating with the local watershed council, water and electric utility, and soil and water conservation district. Landowners are receiving educational resources, planting plans, and seedlings to restore their burned areas.

Building the forestry workforce thorough Virtual Reality (2021 - present) – The Associated Oregon Loggers and I are collaborating on a workforce development project in which I am developing Virtual reality content for forest sector job education and awareness, and she is helping to acquire funding and connect partners that are willing to offer internships and job opportunities to the virtual reality participants.

Southern Willamette Valley Landscape Scale Oak Habitat Restoration (2021 – present)

This group is working on the development, education, and outreach for a landscape level management plan for landowners interested in oak restoration in the Southern Willamette Valley.

f) International Teaching

Presentation

*Working with Wood, MBA Student International Business Training, Vinawood Ltd., Ho Chi Mein City, Vietnam, May 2009, Duration: 1 hours (10 adult educational contacts). Wood markets, forest management, sustainability certification, increasing mill efficiency. Coordinated by Vinawood Ltd President.

*Before working at Oregon State University

g) Volunteer management – Master Woodland Managers

Participants who take the Master Woodland Manager volunteer training become Master Woodland Manager Volunteers. These volunteers help spread my impact further through their activities doing site visits, assisting at outreach events, helping neighbors with forest management, hosting field trips, and sitting on forestry related community boards. I provide continuing education and volunteer opportunities for the volunteers.

Year	Volunteers	Vol Hours
2016	6	48
2017	6	140
2018	34	314
2019	34	899
2020	34	1085
2021	38	1128
2022	35	2522

3. Advising

None

4. Other Assignments

None

3. SCHOLARLY OUTCOMES: SCHOLARSHIP AND CREATIVE ACTIVITY

1. Publications

Peer-reviewed

a) Refereed publications

4. Grand, L., Christiansen, A., & Belart, F. (2019). How the Woodland Stick Benefits Oregon Family Forestland Owners and Extension Volunteers. *Journal of Extension*, 57(6), n6, pp.1-10. <https://tigerprints.clemson.edu/cgi/viewcontent.cgi?article=1245&context=joe> [I lead the project, did the majority of the writing and editing, administered the survey, did the analysis, and was the journal contact]
3. Grand, L., Hayes, M. P., Vogt, K. A., Vogt, D. J., Yarnold, P. R., Richter, K. O., Anderson, C. D., Ostergaard, E. C., Wilhelm, J. O. (2017). Identification of habitat controls on northern red-legged frog populations: implications for habitat conservation on an

urbanizing landscape in the Pacific Northwest. *Ecological Processes*, 6(1), pp.1-13.
<https://doi.org/10.1186/s13717-017-0111-7> [I designed the study; collected, analyzed, and interpreted the data; and wrote and revised the manuscript].

Published before OSU Start Date

2. Zobrist, K. W., Grand, L., Rozance, M. A. (2016). Fostering Adaptation by Changing Landowners' Knowledge Framework -Responses to Extension Education in Northwest Washington State, USA. *Acta Silvatica et Lignaria Hungarica, an international journal in forest, wood and environmental sciences* 12(1), pp.35-46.
<http://archive.sciendo.com/ASLH/aslh.2016.12.issue-1/aslh-2016-0004/aslh-2016-0004.pdf> [I organized the data and ran the analysis]
1. O'Hara, K. L., Grand, L., Whitcomb, A. A. (2010). Pruning Effects on Tree Growth and Blister Rust Incidence in Sugar Pine in California. *California Agriculture*, 64(1), pp.31-36.
<http://calag.ucanr.edu/Archive/?article=ca.v064n01p31> [I lead the collection of the second round of the data and assisted in writing and editing the manuscript]

b) Extension Publications (Peer Reviewed)

These publications are intended to provide readers with unbiased, science based information on forests and forest management. These publications distill highly technical scientific information into understandable formats for the public audience. In the following publications if I am listed as the lead author, I lead the project and completed the bulk of the writing and editing. If I am listed as a contributing author, I wrote a portion of the publication and assisted in reviewing, editing, and finding pictures for the entire document.

PNW Peer Reviewed Extension Publications are peer reviewed by Oregon subject matter experts first and then subject matter experts identified by the extension publishers in Washington and Idaho; if any of the three states consider the publication to be inadequate it will not receive a PNW Reviewed designation

12. Grand, L., Christiansen, A. C., Belart, F., Cushing, T., Schnepf, C., & Ketcheson, K. (2020). Selling Logs from your Property: A Curriculum package for facilitators and educators in the Western United States (PNW739, p. 98).
<https://catalog.extension.oregonstate.edu/pnw739>
11. Edmunds, B. A., Grand, L., Christiansen, A. C., Hulting, A. 2018 *Pacific Poison-Oak and Western Poison-Ivy: Identification and Management*. (PNW 108, pp.6). Revision.
Corvallis, OR: OSU Extension Catalog.
<https://catalog.extension.oregonstate.edu/pnw108>

Regional Peer Reviewed Publications are written for the Oregon and Washington audience and are peer reviewed by subject matter experts in both states.

13. Grand, L., Whyte, B.W., Zobrist, K. W. 2021 (major revision). *Reducing Wildfire Risk to your Western Washington Home in the Woods*. Washington State University Extension Online Module OM33. <https://youtu.be/478INVgL5PM>. Revision.
10. Pool, E., Garcia, B., Barnes, S., Grand, L., Weikel, J. 2020 *Reptiles in Managed Woodlands: Tools for Family Forestland Owners* (pp. 12). Oregon and Washington: Woodland Fish and Wildlife Group.

<https://woodlandfishandwildlife.com/publications/reptiles/reptiles-in-managed-woodlands/>.

9. Grand, L., Bevis, K., Cafferata Coe, F. 2017 *Amphibians in Managed Woodlands* (pp. 11). Oregon and Washington: The Woodland Fish and Wildlife Group
<https://woodlandfishandwildlife.com/publications/westside-moist-habitats/amphibians-in-managed-woodlands-tools-for-family-forestland-owners/>

State Peer Reviewed Extension Publications are peer reviewed by subject matter experts in Oregon.

8. Cushing, T., Grand, L. 2019 Choosing the Right Service Provider: *Consulting Forester* (EM9241, pp. 3). Corvallis, OR: OSU Extension Catalog.
<https://catalog.extension.oregonstate.edu/em9241>.
7. Belart, F., Grand, L. 2019 *Tools for Measuring your Forest* (EC 1129, pp. 9). Revision. Corvallis, OR: OSU Extension Catalog. <https://catalog.extension.oregonstate.edu/ec1129>
6. Grand, L., Berger, C. A., Fitzgerald, S. A., Leavell, D. M. 2019 *Fire FAQs—Who owns Oregon's forests, and how does that matter when it comes to fire?* (EM 9228, pp. 2). Corvallis, OR: OSU Extension Catalog.
<https://catalog.extension.oregonstate.edu/em9228>
5. Berger, C. A., Grand, L., Fitzgerald, S. A., Leavell, D. M. 2018 *Fire FAQs - What is fire Severity?* (EM 9222, pp. 2). Corvallis, OR: OSU Extension Catalog.
<https://catalog.extension.oregonstate.edu/em9222>
4. Fitzgerald, S. A., Berger, C. A., Grand, L., Leavell, D. M. 2018 *Fire FAQs - Salvage cutting: What are the effects on fire behavior and severity?* (EM 9195, pp. 2). Corvallis, OR: OSU Extension Catalog. <https://catalog.extension.oregonstate.edu/em9195>

Published before start date at OSU

3. Grand, L., Zobrist, K. W. 2016 *Completing a Property Ownership and Land-use History: For your Island, San Juan, Skagit, Snohomish, or Whatcom County Forest Stewardship Plan* (EM099E, pp.48). Pullman, WA: WSU Press.
<http://pubs.cahnrs.wsu.edu/publications/wp-content/uploads/sites/2/publications/em099e.pdf>
2. Grand, L., Zobrist, K. W. 2016 *Completing a Property Ownership and Land-use History: For your King County Forest Stewardship Plan* (EM104E, pp. 34). Pullman, WA: WSU Press. <https://research.libraries.wsu.edu/xmlui/handle/2376/6383>
1. Grand, L., Zobrist, K. W. 2016 *Reducing Fire Risk to your Home and Wooded Property. Forest Stewardship University Online Forest Stewardship Modules.* (OM33). Pullman, WA: WSU Press. <http://breeze.wsu.edu/om33>

Other Publications – Not peer reviewed

a) Newspaper Articles

4. Grand, L. 2019 *FORESTRY TALKS: Which Christmas trees are best for the environment?* SPRINGFIELD: Free For All News. <http://freeforallnews.com/news/forestry-talks-which-christmas-trees-are-best-for-the-environment>

3. Grand, L. 2019 *FORESTRY TALKS: If Old-Growth Isn't Just An Age, Then What Is It?* Springfield, OR: Free For All News. <http://freeforallnews.com/news11235/forestry-talks-if-old-growth-isn-t-just-an-age-then-what-is-it>
2. Grand, L., Christiansen, A. C. 2018 *Start Planning Early: Things to consider when selling trees from your property*. https://www.nrtoday.com/start-planning-early-things-to-consider-when-selling-trees-from/article_a58d4c33-7eb3-5ec5-8fdf-d2fe0d21ec5b.html [I wrote and edited the article]

Published before start date at OSU

1. Grand, L. 2016 *Finding Frogs, Noticing Newts*. *The Everett Herald*. <https://issuu.com/pnwmarketplace/docs/i20160109225505919>

b) Extension Teaching Material

3. Christiansen, A. C., Hopkins, T., Woodward, J., Rau, A., Fitzgerald, S. A., Ahrens, G. R., Bennett, M., Leavell, D. M., Cushing, T., Grand, L., Withrow-Robinson, B. A. 2020 *Post-Fire Resource Packet*. <https://oregonstate.box.com/s/aczc22t180zxxa2kbzk5etvw4e8h6dtko>. [I was part of the team to develop the concept, look, and contents of this material, and edited resources for Lane County.]
2. Bowers, S. C., Grand, L., Christiansen, A. C., Belart, F. 2017 *The Woodland Stick*. [I contributed to the contents on the stick and oversaw getting them made and ordered.]

Published before start date at OSU

1. Grand, L., Zobrist, K., Ketchenson, K. 2016 *Washington State Consulting Forester and Silvicultural Contractor Directory*. Pullman, WA: <http://forestry.wsu.edu/consultingdirectory/> [I identified and surveyed the consulting foresters for the directory, wrote the text on the opening page, and oversaw the web design.]

c) Trade/industrial journal articles

6. Grand, L. 2022. *Gadgets and Gizmos Aplenty: Hitech data collection options for your management plan*. Chehalis, WA: Northwest Woodlands Magazine. <https://www.oswa.org/blog/nw-woodlands-magazine/>.
5. Abeels, H., Rhea, D., Lyon, E. Grand, L. 2021. *Your Regional Reps Are Listening – Here's What you had to say*. News From ANREP. (Summer 2021 pp.1). <https://myemail.constantcontact.com/Spring-2021-News-from-ANREP.html?soid=1134845402218&aid=MMr9ruZoJOY> [I wrote a portion of this article.]
4. Grand, L., Kline, N., Christiansen, A. C., Werling, R. A. 2020 *Meeting People and Prickly Plants: A recap of the Western Region Professional Development Meeting*. News From ANREP. (Winter 2020pp.2). Association of Natural Resources Extension Professionals. <https://myemail.constantcontact.com/Winter-2020-News-from-ANREP.html?soid=1110910745893&aid=xfPO4D-B7vY>. [I wrote the bulk of this article and helped to edit the document.]
3. Grand, L., Belart, F. 2020. *Common Challenges to Marketing Timber on the Westside*

(2nd ed., vol. 36, pp. 5). Chehalis, WA: Northwest Woodlands Magazine.
<https://www.oswa.org/blog/nw-woodlands-magazine/>. [I wrote the bulk of this article]

2. Belart, F., Grand, L. 2018. *Logging: Part of Active Forest Management* (2nd ed., vol. 34, pp. 8-11,31). Chehalis, WA: Northwest Woodlands <https://www.oswa.org/For-Members/northwest-woodlands-magazine.html> [I wrote a portion of this article and helped to edit the document.]

1. Betancourt, A., Dindinger, J., Bhakta, B., Grand, L. 2018. *We Are Listening: What Members Want from ANREP*. News from ANREP. (vol. spring 2018).
<http://www.anrep.org/resources/newsletters> [I wrote a portion of this article.]

d) Government planning document

1. Rahmlow, A., Serslev, R., Grand, L., Winningham-Melcher, P., Patten, J., Wooten, J., Donaldson, C. 2020 *Lane County Community Wildfire Protection Plan* (pp. 165). Eugene, OR: Lane County Land Management Division
https://www.lanecounty.org/government/county_departments/public_works/land_management_division/land_use_planning_zoning/lane_county_community_wildfire_protection_plan. [I administered the landowner outreach survey and wrote the chapter on the survey and results.]

e) Websites

2. Grand, L. 2020 *In the woods podcast website*. OSU Extension.
<https://inthewoodspodcast.com> or <https://inthewoodspodcast.org> [I designed and currently update the website along with student worker Kellen Soriano.]

1. Grand, L., Grotta, A. T. 2018 *Oregon Forest Management Planning Website*.
<https://www.oregonforestmanagementplanning.org>. [I designed and currently update the website.]

f) Podcasts

1. Grand, L., Putney, J. D., O'Brien, J. P., Fitzgerald, S. A., Berger, C. A. 2020 *In the Woods*. <https://inthewoodspodcast.com>. This podcast has 37 episodes as of August 2023. [I lead the team on the development of this podcast. I created the website and host, produce, and edit some individual episodes. When I host the podcast I chose and invite the speaker, and write the interview questions. I hired and supervise a student to help me edit the podcast and website.]

Episodes I've recorded

- Episode 31: Master Woodland Managers. Host with guests Tiffany Hopkins, Susan Watkins, and Brett Aldrich. March 2023
- Episode 27: Non-Timber Forest Product Crafts. Host with guest Tiffany Hopkins. November 2022
- Episode 25: Early Seral Forests. Host with guest Ph.D candidate Graham Frank. September 2022
- Episode 23: Emerald Ash Borer. Host with guests Dr. Christine Buhl and Daniel Stark. July 2022.

- Episode 22: Selling Logs. Host with guest Francisca Belart. June 2022.
- Episode 20: Fire Adapted Communities. Host with guests Carrie Berger and Dr. Emily Jane Davis. May 2022.
- Episode 19: OSU Extension Fire Program. Host with guests Dr. Chris Adlam, Carrie Berger, Ariel Cowen, Dr. Emily Jane Davis, Aaron Groth, John Rizza, Katherine Wollstein. May 2022.
- Episode 18: Small Landowner Management. Host with guest Lindsay Reaves. April 2022.
- Episode 14: Forest Fungi. Host with guest Ariel Cowen. December 2021.
- Episode 12: Pollinators. Host with guest Dr. Jim Rivers. November 2021.
- Episode 11: Difficult Situations. Host with guest Dr. Emily Jane Davis. October 2021.
- Episode 9: Wildlife. Host with guest Dr. Thomas Stokely. August 2021.
- Episode 8: Non-timber Forest Products. Host with guest Neil Schroeder. July 2021.
- Episode 2: What's in a woodland? Host with guest Daniel Stark. October 2020.
- Episode 1: Welcome to the "In The Woods" podcast. Guest with other guests Jacob Putney, Jason O'Brien, Stephen Fitzgerald, and host Carrie Berger. September 2020

g) Videos

4. Grand, L., Withrow-Robinson, B., Fitzgerald, S.A., Putney, J.D., Brazier, H. 2022. *Bees in the woods video series*. Sight and sound solutions, videographer, and editor. 13 videos. Corvallis and Bend, OR. Oregon State University.

<https://extension.oregonstate.edu/collection/bees-woods>

[I lead this project and participated in creating the video boards and ideas for all the videos. I present in 4 of the videos]

3. Reaves, L., Bauman, T. Grand, L. Cliff Etzel, videographer and editor. 2021. *Climate Change & Forestry from a Timber Owner's Perspective*. Eugene, OR. Long Tom Watershed Council. <https://youtu.be/g-Q8MVJQWPE>.

[Lindsay Reaves and Tom Bauman share their perspective as timber owners on a 672-acre working tree farm by discussing how a changing climate is impacting management decisions, and the intersection of forestry and water resources. I provide context in the video from a scientific perspective.]

2. Grand, L. 2020. *Timber Station*. FPW Media Services, videographer and editor. Eugene, OR: Forests Today and Forever. <https://vimeo.com/439308725/f97e052227>.

[The local Eugene nonprofit organization, Forest Today and Forever, hosts approximately 1200 middle school students at Bauman Tree Farm each year. Forests Today and Forever teach their curriculum on forest management in schools and relies on volunteers to teach the field trip sessions. This video was created in response to not being able to take students on field trips to the forest during the COVID-19 pandemic.

Using their learning outcomes as a guide, I presented the material off the cuff on the forest management cycle and how to measure trees.]

1. Brenner, J., Grand, L., Dimeo-Ediger, N. 2020. *Forest Team Go!* Portland, OR: Oregon Forest Resources Institute <https://www.youtube.com/watch?v=IDBfSV-Kipk>.

[I am the actor in the video, edited the script, and chose the filming locations.]

h) Extension Newsletter Article Contributions

These articles are written for the general public or small woodland owners that subscribe to a forestry newsletter. These newsletters are meant to provide general forestry information on various management and ecology topics. These newsletters are not formally peer reviewed, but they are vetted by my colleagues before publishing. In the following publications if I am listed as the lead author, I lead the project and completed the bulk of the writing and editing. If I am listed as a contributing author, I wrote a portion of the publication and assisted in reviewing, editing, and finding pictures for the entire document.

32. Grand, L. 2022. *Planning your year on the forest: tips for creating an annual management plan (18th ed. Pp. 2)*. Canopy View News.
<https://oregonstate.box.com/s/e4997shdfi0c5zz8qm9ndhqpqcy6vq6al>
31. Grand, L. 2022. *Meet your trees: Incense-cedar* (16th ed., pp. 1). Canopy View News.
<https://oregonstate.box.com/s/y0swu8kklegiknzzz9un6qciv16ffldx>
30. Ahrens, G., Christiansen, A. Grand, L. 2022. *Overcoming Challenges from the Labor Day Fires*. (16th ed., pp. 2). Canopy View News.
<https://oregonstate.box.com/s/72or2z0uvqfpdl0wlmb8ckowy0z756lw>
29. Grand, L. 2021 *Meet your trees: Pacific Madrone* (15th ed., pp. 1). Canopy View News.
<https://oregonstate.app.box.com/file/924778759759?s=lz6qehfneju0r15sa9hl1d31yle8ff84>
28. Grand, L. 2021 *Let's talk about forest mistletoes*. (14th ed., pp. 2). Canopy View News.
<https://extension.oregonstate.edu/forests/health-management/lets-talk-about-forest-mistletoes>
27. Grand, L. 2021 *In The Woods: A new podcast from OSU Extension Forestry* (13th ed., pp. 1). Canopy View News.
<https://oregonstate.app.box.com/s/b6edn5b96mxx0modqpqn9bn2qc2q1wu6>
26. Grand, L. 2021 *Meet your trees: Oregon Ash* (13th ed., pp. 1). Canopy View News.
<https://oregonstate.app.box.com/s/b6edn5b96mxx0modqpqn9bn2qc2q1wu6>
25. Grand, L. and Belart, F. 2021. *Common Challenges to consider when marketing timber on the Westside*. (11th ed., pp. 3). Canopy View News.
<https://extension.oregonstate.edu/sites/default/files/documents/51716/canopy-view-news-spring-2021-issue-11-final.pdf>
24. Grand, L. 2020 *Fantastic Forest Fungi* (10th ed., pp. 2). Canopy View News.
<https://extension.oregonstate.edu/sites/default/files/documents/9451/cvn-issue-10-winter-2020-newsletter0.pdf>
23. Brenner, A., Grand, L. 2020 *Be yellowjacket aware* (pp. 1). Woodland Notes Newsletter.

- <https://extension.oregonstate.edu/forests/health-managment/be-yellowjacket-aware>
22. Grand, L. 2020 *Enhance Songbird Habitat on your Forest* (8th ed., pp. 2). Canopy View News. <https://extension.oregonstate.edu/sites/default/files/documents/9451/2020-6-15-canopy-view-news-issue-8-mid-summer-special.pdf>.
 21. Grand, L. 2020 *Meet your trees: Pacific Yew* (8th ed., pp. 1). Canopy View News. <https://extension.oregonstate.edu/sites/default/files/documents/9451/2020-6-15-canopy-view-news-issue-8-mid-summer-special.pdf>.
 20. Grand, L. 2020 *Its time to get ready for fire season* (vol. 7, pp. 2). Canopy View News. <https://extension.oregonstate.edu/sites/default/files/documents/9451/canopy-view-news-issue-7-summer-2020.pdf>.
 19. Belart, F., Grand, L. 2019 *Timber harvesting: a process of many decisions* (3rd ed., pp. 11). Clackamas, Oregon State: Woodland Notes Newsletter Fall 2019 <https://extension.oregonstate.edu/newsletter/woodland-notes-newsletter>
 18. Grand, L., Ahrens, G. R. 2019 *Everything, but Predictable: Logs and Non-timber Forest Products—Prices and Trends* (4th ed., vol. 31, pp. 12-13). Forest-Tree Leader. <https://extension.oregonstate.edu/sites/default/files/documents/8486/ftlwinter20.pdf>.
 17. Grand, L. 2019 *Forest Health Update*. Canopy View News. <https://extension.oregonstate.edu/sites/default/files/documents/9451/canopy-view-news-issue-5-winter-2019.pdf>
 16. Grand, L., Grotta, A. T. 2019 *Forests & Native Bees: The Season 1 Recap*. Canopy View News. <https://extension.oregonstate.edu/sites/default/files/documents/9451/canopy-view-news-issue-5-winter-2019.pdf>
 15. Grand, L. 2019 *Happy Anniversary Lane County 2018 Master Woodland Manager Graduates!* Canopy View News. <https://extension.oregonstate.edu/sites/default/files/documents/9451/canopy-view-news-issue-5-winter-2019.pdf>
 14. Grand, L. 2019 *Drones on Smaller Acreage Woodlands: An interview with Cory Garms*. Canopy View News. <https://blogs.oregonstate.edu/treetopics/2018/08/15/drones-on-smaller-acreage-woodlands/>
 13. Grand, L. 2019 *Tree Farmer of the Year Tours*. Canopy View News. <https://extension.oregonstate.edu/sites/default/files/documents/9451/canopy-view-news-fall-2019-issue-4-email-only.pdf>
 12. Grand, L. 2018 *The Age Old Secret to Tree Planting is*. Canopy View News. <https://extension.oregonstate.edu/sites/default/files/documents/8571/canopy-view-news-winter-2018-issue-1.pdf>
 11. Grand, L. 2018 *Drones on Smaller Acreage Woodlands: An interview with Cory Garms*. Quarterly Bark. Oregon Small Woodlands Association <https://www.oswa.org/blog/wp-content/uploads/2013/03/Quarterly-Bark-October-2018.pdf>
 10. Grand, L. 2018 *Wildlife Cameras: A snapshot of what you need to know* (3rd ed., vol. 24, pp. 2). Quarterly Bark. Oregon Small Woodlands Association <https://www.oswa.org/blog/wp-content/uploads/2013/03/Quarterly-Bark-July->

2018.pdf

9. Grand, L. 2018 *Wildlife Cameras: a snapshot of what you need to know*. Woodland Roots Newsletter (Issue 7 pp. 4). <https://extension.oregonstate.edu/outdoors-environments/wildlife/wildlife-cameras-snapshot-what-you-need-know>
8. Grand, L. 2017 *Identifying and Managing for Laminated Root Rot*. Woodland Roots Newsletter (Issue 6, pp.2) <https://oregonstate.box.com/s/dzt84542rc6mpebwhivg4uv7i3zvy8ch>
7. Grand, L. 2017 *Selling Trees: Start Planning Early*. Quarterly Bark. Oregon Small Woodlands Association (4th ed., vol. 23). <https://www.oswa.org/blog/wp-content/uploads/2013/03/Quarterly-Bark-2017.10.pdf>
6. Grand, L. 2017 *Reducing the Fire Risk to Your Western Oregon Home in the Woods*. Woodland Roots Newsletter (Issue 5, pp. 3) <https://oregonstate.box.com/s/mpinlwwzgsujzsb5ll52fmid4xlqqwz>
5. Grand, L. 2017 *Do you know the history of your property?* Woodland Roots Newsletter (Issue 4, pp.2) <https://oregonstate.box.com/s/51bya6as2qhek8bn51lx1resv0cujcj7>
4. Grand, L. 2017 *Lane County Ice Storm of 2017: Managing the Damage* (2nd ed., vol. 23, pp. 2). Quarterly Bark. Oregon Small Woodlands Association <https://www.oswa.org/blog/wp-content/uploads/2013/03/Quarterly-Bark-2017.04.pdf>
3. Grand, L. 2017 *Ice Storm 2016 Managing the Damage*. Woodland Roots Newsletter (issue 3, pp.3) <https://oregonstate.box.com/s/7xa86nq226bd09gfpqng96jg9x3v8xd>
2. Grand, L. 2016 *Finding Frogs, Noticing Newts*. Woodland Roots Newsletter (Issue 2, pp.3) <https://oregonstate.box.com/s/ylpgha68p1ji46tf69ki05kthm4bbyyp>
1. Grand, L. 2016 *Fresh Cut vs Artificial Christmas Trees*. Woodland Roots Newsletter. (Issue 2 pp.2) <https://oregonstate.box.com/s/dmoptvbg7kckb8vcfphhfg2wwpyp6h2b>

Log Prices Reports

These newsletter articles are written for the general public or small woodland owners that subscribe to a forestry newsletter. These reports are meant to provide general trends and prices in the current log and non-timber forest products markets. Information from this article is gathered through interviews with local log buyers. I research and write all of these articles myself. They are all published on the website:

<https://blogs.oregonstate.edu/lanelogprices/>

19. December 19, 2022. Are you the winter logging type?
18. August 20, 2022. The summer has been good to us.
17. June 1, 2022. Hold Steady.
16. March 2, 2022. Can you hear the Buzz?
15. November 19, 2021. It's time to embrace the rain
14. August 31, 2021. Lumber prices take a nose dive
13. June 8, 2021. Take it or Leave it

12. November 4, 2020. To salvage or not to salvage?
11. July 31, 2020. Catch a logger if you can
10. May 5, 2020. Leave it on the stump
9. February 12, 2020. We've got a good feeling
8. October 31, 2020. Everything, but predictable
7. August 2, 2019. The Snowstorm Strikes Again!
6. April 25, 2019. Spring has sprung, but log prices haven't
5. January 31, 2019. Low Lumber, Pricey Polls
4. November 8, 2019. It was good while it lasted
3. August 15, 2018. What's the buzz on poles?
2. June 8, 2018 *In Anticipation of Fire Season*
1. January 29, 2018 *Logs and Non-timber forest products - Prices & Trends*

i) Newsletter Issues

Canopy View News

This newsletter is published quarterly. Alicia Christiansen and I each contribute half of the content and edit the newsletter, then Alicia compiles and formats all of the information into a cohesive PDF template newsletter. I develop it into an online format. The newsletter issues can be found at <https://extension.oregonstate.edu/newsletter/canopy-view-news>. There are over 1000 email address that receive this newsletter on the combined lists for Lane and Douglas Counties.

18. Christiansen, A. C., Grand, L. 2022 *Canopy View News* (Issue 18, pp. 14)
17. Christiansen, A. C., Grand, L. 2022 *Canopy View News* (Issue 17, pp. 12)
16. Grand, L., Christiansen, A. C. 2022 *Canopy View News* (Issue 16, pp. 12)
15. Christiansen, A. C., Grand, L. 2022 *Canopy View News* (Issue 15, pp. 14)
14. Christiansen, A. C., Grand, L. 2021 *Canopy View News* (Issue 14, pp. 14)
13. Christiansen, A. C., Grand, L. 2021 *Canopy View News* (Issue 13, pp. 12)
12. Christiansen, A. C., Grand, L. 2021 *Canopy View News* (Issue 12, pp. 9)
11. Christiansen, A. C., Grand, L. 2021 *Canopy View News* (Issue 11, pp. 11)
10. Christiansen, A. C., Grand, L. 2020 *Canopy View News* (Issue 10, pp.12).
9. Grand, L., Christiansen, A. C. 2020 *Canopy View News* (Issue 9, pp.10).
8. Grand, L., Christiansen, A. C. 2020 *Canopy View News* (Issue 8, pp.9).
7. Christiansen, A. C., Grand, L. 2020 *Canopy View News* (Issue 7, pp.11).
6. Christiansen, A. C., Grand, L. 2020 *Canopy View News* (Issue 6, pp.10).

5. Christiansen, A. C., Grand, L. 2019 *Canopy View News* (Issue 5, pp.10).
4. Christiansen, A. C., Grand, L. 2019 *Canopy View News* (Issue 4, pp.10).
3. Christiansen, A. C., Grand, L. 2019 *Canopy View News* (Issue 3, pp.10).
2. Christiansen, A. C., Grand, L. 2019 *Canopy View News* (Issue 2, pp.10).
1. Christiansen, A. C., Grand, L. 2018 *Canopy View News* (Issue 1, pp.10).

Woodland Roots

This newsletter was published quarterly. I wrote some of the content and compiled, formatted, and edited all of the content for this newsletter. OSU Extension had taken down the website where these were housed, so I do not have online links.

9. Grand, L. 2018 *Woodland Roots* (Issue 9pp. 12).
8. Grand, L. 2018 *Woodland Roots* (Issue 8pp. 12).
7. Grand, L. 2018 *Woodland Roots* (Issue 7pp. 12).
6. Grand, L. 2017 *Woodland Roots* (Issue 6pp. 12).
5. Grand, L. 2017 *Woodland Roots* (Issue 5pp. 12).
4. Grand, L. 2017 *Woodland Roots* (Issue 4pp. 12).
3. Grand, L. 2017 *Woodland Roots* (Issue 3pp. 12).
2. Grand, L. 2016 *Woodland Roots* (Issue 2, pp. 12).
1. Grand, L. 2016 *Woodland Roots* (Issue 1, pp. 12).

2. Presentations

I have given nine oral presentations and seven since starting at OSU, six posters, and three workshops at conferences.

*indicates presenter

a) International Presentation

Conference Presentations

*Kline, N, Cushing, Tamara, Grand, L. "Phytophthora knowledge and disease resistant planting preferences among nonindustrial forest landowners in southern Oregon." 10th IUFRO Meeting 'Phytophthora in Forests and Natural Ecosystems.' Berkeley, CA. (June 23, 2022). Poster with 10 min Oral Presentation.

*Grand, L., *Zobrist, K., A. Christiansen, F. Belart, K. Ketchenson, T. Cushing, C. Schnepf, "You can't put it back on the stump: Curriculum for successful timber sales," IUFRO Small Scale Forestry Conference. Kilkenny, Ireland. (June 2020). Canceled due to COVID 19. Oral Presentation.

b) National presentations

Conference Presentations

*Grand, L., *Hopkins, Tiffany. "Management Planning Q&A," Women Owning Woodlands National Virtual Conference. (March 4, 2022). Oral Presentation.

*Grand, L., *Zobrist, K., A. Christiansen, F. Belart, K. Ketchenson, T. Cushing, C. Schnepf, "You can't put it back on the stump: Curriculum for successful timber sales," Association of Natural Resources Extension Professionals National Conference. Online. (May 25, 2021). Oral Presentation.

*Grand, L., Grotta, A., Buhl, C., "Bees and trees: a cross-pollination of applied research, citizen science and Extension audiences," Association of Natural Resources Extension Professionals National Conference. Online (May 25, 2021). Oral Presentation.

*Grand, L., Hayes, M. P., Vogt, K. A., Vogt, D. J., Yarnold, P. R., Richter, K. O., Anderson, C. D., Ostergaard, E. C., Wilhelm, J. O. (2017). Identification of habitat controls on northern red-legged frog populations: implications for habitat conservation on an urbanizing landscape in the Pacific Northwest, Society of American Foresters National Convention, Portland, OR. (October 5, 2018). Oral presentation.

*Grand, L., A. Christiansen and F. Belart. 2018. Measuring impacts of the OSU Woodland Stick. Society of American Foresters National Convention, Portland, OR. (October 3-7, 2018). Poster.

*Grand, L., Christiansen, A. C., Belart, F., Blues, Bayous, and Beyond: The Nexus of Natural Resources and Stewardship, "Impacts of the OSU Woodland Stick," Biloxi, MS. (April 30, 2018). Poster.

*Zobrist, K. W., Grand, L., Ketchenson, K. M., ANREP/NACDEP Joint Conference, "Effectiveness comparison of two forest landowner outreach programs," VA. (June 29, 2016). Poster.

Conference Session

*Braithwaite, H., *J. Ekins, *L. Grand. "Should I stay or should I go? Resources and discussion for the future of place-based volunteer programs," Association of Natural Resources Extension Professionals National Conference. Online (May 26, 2021).

Proceedings

*Grand, L., Hayes, M. P., Vogt, K. A., Vogt, D. J., Yarnold, P. R., Richter, K. O., Anderson, C. D., Ostergaard, E. C., Wilhelm, J. O. 2019. National Convention Proceedings, *Journal of Forestry*, Volume 118, Issue 2, March 2020, Pages 210–211, <https://doi.org/10.1093/jofore/fvz074>

Professional Meetings

*Grand, L. West Regional Meeting. Association of Natural Resources Extension Professionals National Conference. Online (May 26, 2021).

*Grand, L. West Regional Meeting. Association of Natural Resources Extension Professionals National Conference. Online (May 3, 2018).

*Grand, L. West Regional Meeting. Association of Natural Resources Extension Professionals National Conference. Biloxi, MS. (April 30, 2018).

c) Regional presentations

Conference Presentations volunteered

*Grand, L., Christiansen, A. C., Ketchensen, K., Belart, F., Cushing, T., Schnepf, C, Western Association of Natural Resources Extension Professionals Regional Professional Development Meeting, "Selling Logs from your property program and Curriculum development," Tucson, AZ. (November 15, 2019). Oral presentation.

*Grotta, A. T., Grand, L., Buhl, C., Arnold, J. Characterizing native bee presence in regenerating western Oregon forests, PNW Pollinator Summit and Conference, Corvallis, OR. (February 14, 2019). Poster.

*Grand, L., February 1, 2019 PNW SAF Forestry Leadership Conference, "Next Generation Leadership Panel: Hearing from emerging natural resource leaders," Troutdale, OR. (February 1, 2019). Panel Moderator. [I began with an introduction on leadership, wrote the questions, used the panelist's answers to summarize points and ask follow-up questions]

Grand, L., *Hayes, M. P., Vogt, K. A., Vogt, D. J., Yarnold, P. R., Richter, K. O., Anderson, C. D., Ostergaard, E. C., Wilhelm, J. O. (2017). Identification of habitat controls on northern red-legged frog populations: implications for habitat conservation on an urbanizing landscape in the Pacific Northwest, Wildlife Society and Partners for Amphibian and Reptile Conservation joint meeting, Portland, OR. (February 14, 2018). Oral Presentation.

Previous to OSU Start Date

Grand, L., *Hayes, M. P., Vogt, K. A., Vogt, D. J., Yarnold, P. R., Richter, K. O., Anderson, C. D., Ostergaard, E. C., Wilhelm, J. O. (2017). Identification of habitat controls on northern red-legged frog populations: implications for habitat conservation on an urbanizing landscape in the Pacific Northwest, Society of Wetland Scientists Pacific Northwest Conference, Boise, ID. (September 2012). Oral Presentation.

Peer Reviewed Conference Workshops

*Strong, N. A., *Grand, L. - Presenter, Oregon Chapter of the Wildlife Society, "Building Skills for Difficult and Controversial Community Situations," Portland, Oregon. (February 16, 2018). Conference Workshop Session.

Proceedings

*Grand, L., Christiansen, A. C., Ketchensen, K., Belart, F., Cushing, T., Schnepf, C, "Selling Logs from your property program and Curriculum development," Western Association of Natural Resources Extension Professionals Regional Professional Development Meeting, Tucson, AZ. (November 15, 2019)

Roundtable

*Grand, L. - Moderator, Trees to Tap, "Break out Group Discussion," Online. (March 11, 2021).

d) Statewide presentations

Conference Presentations invited

*Grand, L. Presenter, "Forests according to pollinators," High School Natural Resource Educator Conference, Silverton, OR. (December 14, 2022). Oral

*Grand, L. "Bringing the Woods to the Classroom: Using virtual reality to build the local forest sector workforce," Mechanization and Innovations in our Industry Panel, Associated Oregon Loggers Annual Conference, Canyonville, OR, (January 22, 2022). Oral Presentation.

*Grand, L., Christiansen, A. C., Ketchensen, K., Belart, F., Cushing, T., Schnepf, C, "Selling Logs from your property program and Curriculum development," OSUEA Search for Excellence report, Oregon State University Extension Conference, Online, (December 7, 2020). Oral Presentation.

*Grand, L., Oregon State University Extension Conference, "Selling Logs from your property Impacts," Oregon State University Innovative Program and Hoecker Grant Report. Oregon State University Extension Conference, Corvallis, OR. (December 6, 2017). Oral Presentation.

Conference Presentations volunteered (abstract accepted)

*Grand, L., " Bringing the Woods to the Classroom: Using virtual reality to build the local forest sector workforce," OFRI HS Natural Resources Educators Virtual Conference, Online. (January 12, 2022). Oral Presentation.

*Grand, L., Grotta, A, Buhl, Christine, Oregon Wildlife Society Annual Meeting, "Bees and trees: a cross-pollination of applied research, citizen science and Extension audiences," Eugene, OR. (February 6, 2020). Oral Presentation.

*Grand, L., Christiansen, A. C., Belart, F., "Impacts of the OSU Woodland Stick, "OSU Extension Conference, Corvallis, OR. (December 5, 2018). Poster.

Grand, L., *Christiansen, A. C., Belart, F., "Impacts of the OSU Woodland Stick, " Oregon Society of American Foresters Annual Meeting, Lebanon, OR. (April 17, 2018). Poster.

Previous to OSU Start Date

*Grand, L., O'Hara, K. L., Whitcomb, A. A., "Pruning reduces blister rust in sugar pine with minimal effects on tree growth," UC Berkeley Center for Forestry Symposium, Quintet, CA. (2007).

Peer Reviewed Conference Workshops

*Grand, L. and *Monnette, P. R., "EmpowerU! How Extension Can Utilize Advocacy Training for Natural Resource Leaders," OSU Extension Annual Conference, Corvallis, OR. (December 5, 2019).

*Grand, L., *Berger, C. A. - Author & Presenter, OSU Extension Conference, "Delivering programs that make an Impact," Corvallis, OR. (December 3, 2018).

3. Grant and contract support

a) Competitive Grants and Contracts

Contracts External -

Grand, L. (Principal), Elder, V. C. (Co-Principal), Monnette, P. R. (Supporting), "EmpowerU: Empowering Citizens to Engage Decision Makers," Sponsored by University of Minnesota via USDA RREA-NFF, \$2,900.00. (August 1, 2018 - July 30, 2019).

Grant –Internal -

Putney, J. D. (Principal), Grand, L. (Co-Principal), Kline, N. (Co-Principal), Fitzgerald, S. A. (Co-Principal), Rizza, J. (Co-Principal), "Understanding Forest Carbon, Offsets, and Markets," Sponsored by Oregon Forest Resources Institute, Oregon State University, Total \$3,000.00 (July 1, 2022 - June 30, 2023).

Ahrens, G. R. (Principal) Fitzgerald, S. A. (Co-Principal) Christiansen, A. C. (Supporting), Bennett, M. (Supporting), Grand, L. (Supporting), Kline, N. (Supporting), Putney, J. D. (Supporting), Stark, D. (Supporting), Stokely, T. D. (Supporting), Withrow-Robinson, B. A. (Supporting), "Climate change and silviculture: managing forests in the face of climate change," Sponsored by USDA Forest Service, Federal, Total \$25,989.00, Status: Funded. (October 1, 2020 - September 30, 2022).

Stark, D., Ahrens, G., Christiansen, A., Fitzgerald, S., Grand, L., Kline, N., Shaw, D., Souder, J. "Growing Redwoods in Oregon," Sponsored By Oregon Forest Resources Institute, State, \$7,300 (July 2021 – June 30, 2022).

Grand, L. (Principal), "Building the local forest sector workforce through technology and partnerships," Sponsored by OSU Extension Association in partnership with the Dale & Alice Hoecker Family, Oregon State University, \$1,000.00 (December 1, 2020 – December 31, 2021).

Grand, L. (Principal), Berger, C., Hopkins, T., "Taking Advantage of windshield Time," Sponsored by the Oregon Forest Resources Institute. Other government, \$2023 (July 1, 2020 – June 30, 2021).

Belart, F. (Principal), Souder, J, Kline, N., Grand, L. (supporting), Fitzgerald, S., Jones, A., Landgren, C., Grotta, A., Withrow-Robinson, B., "Effective Forest Roads Training Curriculum and Delivery," Sponsored by OSU FNR Extension, Oregon State University, \$6,600.00. (July 1, 2018 - June 30, 2019).

Ahrens, G. R. (Principal), Shaw, D. C., Fitzgerald, S. A., Panches, J. W., Grand, L.(co-principal), Christiansen, A. C., Leavell, D. M., Strong, N. A., Bennett, M., "Forest Wellness Checkup," Sponsored by Oregon Forest Resources Institute, State, \$2,900.00. (July 1, 2018 - June 30, 2019).

Cushing, T. (Principal), Grand, L. (co-principal), Ahrens, G. R., Fitzgerald, S. A., Christiansen, A. C., Kline, N., Souder, J. A., Withrow-Robinson, B. A., "New Landowner Outreach Strategy," Sponsored by OFRI, State, \$3,300.00. (July 1, 2018 - June 30, 2019).

Leavell, D. M., Berger, C. A., Ahrens, G. R., Fitzgerald, S. A., Bennett, M., Withrow-Robinson, B. A., Grand, L. (co-principal), Baylog, K., "FNR Extension Fire Program: A statewide program that seeks to deliver comprehensive fire education and outreach based on sound science.," Sponsored by Oregon Forest Resource Institute, Private, \$7,500.00. (June 1, 2018 - June 30, 2019).

Strong, N. A., Grotta, A. T., Parker, R. T., Fitzgerald, S. A., Berger, C. A., Grand, L. (co-principal), Elder, V. C., Kline, N., "OSU Forestry and Natural Resources Social Media Strategy," Sponsored by Oregon Forest Resources Institute, State, \$6,000.00. (January 1, 2017 - July 30, 2018).

Grand, L. (Principal), "Selling Logs From Your Property: An Educational Symposium for

Landowners," Sponsored by OSU Extension Association in partnership with the Dale & Alice Hoecker Family, Oregon State University, \$1,000.00. (November 21, 2016 - December 31, 2017).

Grant – External -

Grand, L. (Principal), "Building the local forest sector workforce through technology and partnerships," Sponsored by OSU Extension Service - Renewable Resources Extension Act, Oregon State University, \$20,000.00. (January 1, 2022 - December 31, 2023).

Grand, L. (Principal), "Building the local forest sector workforce through technology and partnerships," Sponsored by The international Paper Foundation, private, \$5,000.00 (January 1, 2020 – December 31, 2021).

Grand, L. (Principal), "Building the local forest sector workforce through technology and partnerships," Sponsored by Weyerhaeuser Giving Fund, private, \$5,000.00 (January 1, 2020 – December 31, 2021).

Grand, L. (Principal), "Building the local forest sector workforce through technology and partnerships," Sponsored by The Friends of Paul Bunyan Foundation, private, \$5,000.00 (January 1, 2020 – December 31, 2021).

Grotta, A. (Principal), Grand, L.(Principal after Grotta passed away in Dec, 2019), Bennett, M., Withrow-Robinson, B. A., Melathopoulos, A. P., "Promoting Knowledge and Stewardship of Forest Pollinator Resources among Small Woodland Owners," Sponsored by OSU Extension Service - Renewable Resources Extension Act, Federal, \$20,000.00. (July 1, 2019 - June 30, 2021).

Grand, L. (Principal), Christiansen, A., "Developing and delivering a curriculum to help Oregon's woodland owners make informed, goal oriented harvesting decisions," Sponsored by OSU Extension Service - Renewable Resources Extension Act, Oregon State University, \$20,000.00. (January 1, 2018 - December 31, 2019).

b) Non-competitive Grants and Contracts

Contract Internal-

Grand, L. (Principal), Start, D. "Tree School Lane," Sponsored by Oregon Forest Resources Institute, Other Government, \$3,000.00. (July 1, 2022 – June 30, 2023).

Grand, L. (Principal), "Tree School Lane," Sponsored by Oregon Forest Resources Institute, Other Government, \$2,720. (January 1, 2020 - July 31, 2020).

Grand, L. (Principal), "Forests for Engaged Learning," Sponsored by Oregon Natural Resources Education Program from a grant sponsored by American Forest Foundation via Oregon Tree Farm System, Private, \$350.00. (June 15, 2019).

Grand, L. (Principal), "Tree School Lane," Sponsored by Oregon Forest Resources Institute, Other Government, \$3,750.00. (January 1, 2018 - July 31, 2018).

Contract External -

Grand, L. (Principal), "Building Prescribed Fire Capacity in the Southern Willamette Valley – Research and Education Materials Development," Sponsored by Oregon Department of Forestry, Local, \$24,000. (March 2022 – December 2023)

Grand, L. (Principal), Rau, A., "Building Prescribed Fire Capacity in the southern Willamette Valley - Research and Education Materials Development," Sponsored by Longtom Watershed Council, Local, \$5,250. My Share \$2000. (March 2021 – November 2021).

Grand, L. (Principal), "Outreach strategy of the Community Wildfire Protection Plan," Sponsored by Lane County, Local government, \$8277. (November 2019 – June 2020)

Grotta, A. T. (Principal), Grand, L. (co-principal), "Characterizing native bee presence in regenerating western Oregon forests," Sponsored by Oregon Department of Forestry, State, \$2,600.00. (January 2019 - June 30, 2019).

Grant -

Grand, L. (Principal), Putney, J.D., Leavengood, S.A., Fitzgerald, S.A. "Taking Advantage of windshield Time, OSU FNR Podcast," Sponsored by OSU Extension Service - Renewable Resources Extension Act, Oregon State University, \$10,000.00. (January 1, 2022 - December 31, 2022).

Sponsorship -

These sponsorships are solicited funds that organization gave to support a specific educational event.

Grand, L., "Tree School Lane," Sponsored by Lane County Small woodlands Association, private, \$500.00. (Jan 2023 – March 4, 2023).

Grand, L., "Tree School Lane," Sponsored by Trout Mountain Forestry, private, \$250.00. (May 2018 - June 2, 2018).

Grand, L., "Tree School Lane," Sponsored by Association of Consulting Foresters, private, \$100.00. (May 2018 - June 2, 2018).

Grand, L. (Principal), Christiansen, A. C. (Co-Principal), "Selling Logs From Your Property: An Educational Symposium for Landowners," Sponsored by Oregon Small Woodlands Association, State, \$500.00. (October 15, 2018 - December 31, 2018).

Grand, L., "Tree School Lane," Sponsored by Lane County Small woodlands Association, private, \$150.00. (May 2018 - June 2, 2018).

Grand, L., "Tree School Lane," Sponsored by Saplings, Private, \$100.00. (May 2018 - June 2, 2018).

Grand, L., "Tree School Lane," Sponsored by Oregon Small Woodlands Association, private, \$500.00. (May 2018 - June 2, 2018).

Grand, L. (Principal), Belart, F., Christiansen, A. C., "Selling Logs From Your Property: An Educational Symposium for Landowners," Sponsored by Associated Oregon Loggers, Private, \$500.00. (October 2017 - December 2017).

Grand, L., "Selling Logs From Your Property: An Educational Symposium for Landowners," Sponsored by Lane County Small Woodlands Association, private, \$1,500.00. (October 1, 2017 - December 31, 2017).

Grand, L. (Principal), "Landowner Outreach," Sponsored by Lane County Small Woodlands Association, Local, \$3,000.00. (September 1, 2016 - March 2017).

- a. List patent awards, cultivar releases, and inventions, with titles and dates.
none
- b. List other information appropriate to one's discipline

Membership in Professional Societies

2018 – present Oregon Women in Timber

2018 – present Northwest Partners for Amphibian and Reptile Conservation.

2018 – present Oregon Wildlife Society

2016 – present Oregon State University Extension Association

2016 – present Epsilon Sigma Phi | Extension Professionals Society for Excellence

2016 – present Oregon Small Woodlands Association

2013 – present Association of Natural Resource Extension Professionals

2013 – present Society of American Foresters

Professional development:

Internships

Western Extension Leadership Development Program. Faculty Internship, Western Extension Directors Association. (March 11, 2019 - September 24, 2020). United States.

Conferences

OSU Extension Conference. Conference Attendance, OSU Extension Service. (December 5, 2022 - December 8, 2022). Corvallis, Oregon, United States.

Annual Weed Conference. Conference Attendance, Washington Vegetation Management Association. (Nov 2-4, 2022). 13 ODA pesticide credits earned. Online, United States.

Oregon State Meeting. Conference Attendance, Society of American Foresters. (May 13 and 14, 2021) Online, United States.

Trees to Tap. Conference Attendance, Oregon State University and Oregon Forest Resources Institute. (March 11, 2021 - March 12, 2021). Oregon, USA.

Oregon State Meeting. Conference Attendance, Society of American Foresters. (October 7, 2020 - October 8, 2020). Online, United States.

Forest Health in Oregon: State of the State. Conference Attendance, College of Forestry. (February 26, 2020 - February 27, 2020). Corvallis, OR, United States.

Oregon Tree Farm Annual Meeting. Workshop, Oregon Tree Farm System. (October 26, 2019). Silverton, OR, United States.

Research, Policies, and Practices for Family Forestland Management. Conference Attendance, Oregon Small Woodlands Association. (June 21, 2019). Corvallis, OR, United States.

Forest Management: Emerging Challenges, New Solutions, and Telling Our Story. Conference Attendance, Oregon Society of American Foresters. (April 17, 2019 - April 18, 2019). Lebanon, OR, United States.

PNW Society of American Foresters Leadership Conference. Conference Attendance, Society of American Foresters. (February 1, 2019 - February 2, 2019). Troutdale, Oregon, United States.

OSU Extension Conference. Conference Attendance, OSU Extension Service. (December 3, 2018 - December 6, 2018). Corvallis, Oregon, United States.

Society of American Foresters National Conference. Conference Attendance, Society of American Foresters. (October 5, 2018). Portland, OR, USA.

Blues, Bayous, and Beyond: The Nexus of Natural Resources. Conference Attendance, ANREP. (April 29, 2018 - May 3, 2018). Biloxi, MS, United States.

OR SAF State Conference. Conference Attendance, Society of American Foresters. (April 18, 2018 - April 19, 2018). Bend, OR, United States.

Forest Health in Oregon: State of the State. Conference Attendance, OSU Extension Service. (February 28, 2018 - March 1, 2018). Corvallis, OR, United States.

2018 Joint Annual Meeting. Conference Attendance, Wildlife Society, The Society for NW Vertebrate Biology, NW Partners for Amphibian and Reptile Conservation. (February 14, 2018 - February 16, 2018). Portland, OR, United States.

OSU Extension Conference. Conference Attendance, OSU Extension Service. (December 4, 2017 - December 7, 2017). Corvallis, Oregon, United States.

Westside Fire Regime Summit. Continuing Education Program, OSU Extension Forestry; Forest Service; NW Fire science Consortium; Oregon Forest Resources Institute. (May 24, 2017 - May 25, 2017). Vancouver, WA, United States.

2017 National Leadership Conference -American Tree Farm System. Conference Attendance, American Forest Foundation. (February 22, 2017 - February 24, 2017). Greenville, South Carolina, United States.

OSU Extension Conference. Conference Attendance, OSU Extension Service. (November 14, 2016 - December 16, 2016). Corvallis, Oregon, United States.

Workshops

PEG's How to Conduct Antiracist Work in Extension. Difficult Conversations. OSU Annual Conference. (December 9, 2021). Online

Decolonization 101 training. Workshop. Live Oak Consulting. (October 6, 2021). Online.

Qualitative user research methods training. Workshop, Ecotrust. (October 15, 2020 - October 20, 2020). Online.

Extension Civil Rights West Region Meeting. Workshop, OSU Extension Service. (October 19, 2020). Online, OR, United States.

Black Woman in Green: A conversation with Gloria Brown. Seminar, Oregon State University. (June 19, 2020).

Video Ventures - Teaching and Telling your Story to the Camera. Seminar, eXtension. (June 10, 2020).

Developing and Launching an Online Short Course. Seminar, OSU Extension. (April 30, 2020).

Next level Zoom tips and Tricks. Tutorial, OSU Extension Service. (April 9, 2020). OR.

Understanding Forest Carbon Management. Continuing Education Program, Michigan State University Department of Forestry - Forest Carbon and Climate. (July 15, 2019 - October 31, 2019).

Forest Pollinator Sampling Workshop. Workshop, Oregon Forest Pollinator Research Working Group. (September 26, 2019). Bend, OR, United States.

Human Intervention Training. Seminar, Oregon Country Fair. (June 23, 2019). Veneta, OR, United States.

Introduction to Wildland Fire Behavior. Continuing Education Program, National Wildfire Coordinating Group. (April 24, 2019). United States.

Planning your Landowner Engagement Strategy to Reach your Big Goals. Webinar Series, Sustaining Family Forests Initiative. (April 9, 2019 - April 16, 2019).

Planning the 2020 Workforce. Webinar Series, Oregon Forest Resources Institute and Associated Oregon Loggers. (January 24, 2019 - April 10, 2019). OR, United States.

Collaborative Resource Management: The Cispus Workshop. Workshop. (February 25, 2019 - March 1, 2019). Randle, WA, United States.

NWCG S-110, Basic Wildland Fire Orientation Online. Continuing Education Program, National Wildfire Coordinating Group. (February 7, 2019). United States.

Forestry Herbicide Seminar. Continuing Education Program, Helena. (February 5, 2019). Albany, OR, United States.

Bee Atlas Training. Workshop, OSU Extension Service. (January 19, 2019). Corvallis, OR, United States.

Seeding Success. Continuing Education Program, Southern Regional Extension Program. (September 11, 2018 - December 11, 2018). USA.

Train the Trainer - EmpowerU: Advocating Invasive Species Management. Workshop, University of Minnesota Extension. (October 13, 2018 - October 14, 2018). Rochester, MN, United States.

Pesticides Chemistry and Toxicology Shortcourse. Continuing Education Program, OSU Extension Service. (February 6, 2018 - February 7, 2018). Eugene, OR, United States.

Forestry and Natural Resources Messaging workshop. Workshop, OSU Relations and Marketing. (February 2, 2018). Corvallis, OR, United States.

Media Relations Training. Training, OSU Communications. (November 7, 2017). Corvallis, OR, United States.

Forest Carnivores and Their Habitats. Workshop, Oregon Forest Resources Institute.

(October 19, 2017). Albany, OR, United States.

FNR Fall Planning Meeting. Planning Meeting, FNR Extension. (October 10, 2017 - October 12, 2017). Silverton, Oregon, United States.

Fire, Water, Forest Health. Workshop, SAF. (October 3, 2017). Albany, OR, United States.

FNR Summer Planning Meeting. Planning Meeting, FNR Extension. (August 2, 2017 - August 4, 2017). Oregon, United States.

Helena Forestry Seminar on Herbicides. Continuing Education Program, Helena Chemical Company. (July 27, 2017). Albany, OR, United States.

Christmas Tree Shortcourse. Seminar, OSU Extension Service. (June 26, 2017). Monroe, Oregon, United States.

Helena Forestry Seminar on Herbicides. Continuing Education Program, Helena Chemical Company. (February 15, 2017). Albany, OR, United States.

New Forestry Extension Faculty Orientation. Orientation, FNR Extension. (October 21, 2016). Aurora, OR, United States.

FNR Fall Planning Meeting. Planning Meeting, FNR Extension. (October 13, 2016). Corvallis, Oregon, United States.

FNR Summer Planning Meeting. Planning Meeting, FNR Extension. (July 19, 2016 - July 20, 2016). Oregon City, Oregon, United States

Seminars

LGBTQIZ+ Identity and Intersectionality with Dan Stark, College of Forestry. (May 19, 2022). online.

FNR DEI Hour – equitable forest workforce, FNR Extension. (September 30, 2019). Online.

Media attention

For these entries I was interviewed or quoted for a media story.

Television

Local Tree response to drought conditions. KVAL. (September 20, 2019).

Preparing your home for wildfire season. (September 10, 2017). Sunday evening news on KVAL and KMTR as well as an online article.

Interview with KVAL local TV news reporter on why trees are dying in Lane County and what people can do about it.

Newspaper

Unexpected Bottlenecks Slow Planting Seedlings in Oregon's Wildfire-Impacted Forests. (February 19, 2022). Register Guard Newspaper reporter interviewed me on the seedling availability to small landowners affected by the Holiday Farm Fire.

Drought Stressed Douglas-fir. (July 23, 2019). Register Guard Newspaper reporter interviewed me on the drought caused mortality of trees in Lane County

Planting trees. (March 27, 2019). Considerations for planting urban trees. I was interviewed and quoted.

Ice storm mitigation. (March 9, 2017). Reporter from newspaper quoted me in her article

How to deal with the snow and prepare for the thaw, from roof to basement (photos). (January 12, 2017). My advice was mentioned in the story

Who to call when a tree's blocking your way. (January 11, 2017). My advice was mentioned in the story

It's truly time to prepare your yard for cold, ice, snow: De-ice now. (January 6, 2017). My advice was mentioned in the story

Radio

Pacific Northwest Trees Suffering Sun Scorch: Increases Fire Danger – KLCC.org. NPR for Oregonians. (July 29, 2021). <https://www.klcc.org/post/pacific-northwest-trees-suffering-sunscorch-increases-fire-danger>. I interviewed about heat scorch as a result of the June 2021 heat dome.

Setting Yourself Up For Success – Wildfire Preparedness. KLCC.org. NPR for Oregonians. (May 20, 2021). <https://www.klcc.org/post/setting-yourself-success-wildfire-preparedness>. Amanda Rau and I interviewed about fire ecology, preparedness, and recovery after the Holiday Farm Fire.

Wildfire awareness month. Community Forum. (May 9, 2020) on KGNU-FM (New Country 93.3); KMGF-FM (94.5 Mix-FM); and KEUG-FM (105.5 BOB-FM). It also streams at www.kgnu.fm. Amanda Rau and I interviewed about fire ecology, preparedness, and recovery after the Holiday Farm Fire.

National Forest Products Week. (October 21, 2019). Radio interview on the Bill Lundun Radio Show about National Forest Products Week, What foresters do, and questions about forestry practices.

Protecting your Home From Wildfire. (May 20, 2019). Radio interview about how fire acts on the landscape and what landowners can do to reduce their risks.

Online News Source

Record heat wave damages plants and trees across Oregon. (July 30, 2021). NewsBreak online news. <https://www.newsbreak.com/@melanie-henshaw-1584036/2326233155433/record-heat-wave-damages-plants-and-trees-across-oregon>. Interview on heat scorch effects as a result of the June 2021 heat dome.

Scientists still surveying scope of the tree damage following heat wave. (July 22, 2021). KEZI online news. <https://www.kezi.com/content/news/Scientists-still-surveying-scope-of-tree-damage-following-heatwave--574895191.html>. Interview on heat scorch effects as a result of the June 2021 heat dome.

Register now: OSU Extension forester to lead walk through Lane County old growth. (September 18, 2019). Outreach announcement for old growth walking tour.

Old Growth Walking Tour. (October 17, 2019). OSU Extension website story on a Walking tour of a local Lane County old growth forest.

Protecting your home from wildfire. (August 14, 2018). Many parts of the West are on fire. Fire protecting your house and property can make a huge difference but what are you supposed to do? Protecting your home from fire with the Oregon State University Extension - Lane County - Interview of Facebook Live Rick Dancer Show.

Would oaks do well in clay soil? (February 17, 2018). The Oregonian published an ask an expert question I answered.

Should you burn English laurel? (January 26, 2018). The Oregonian published an ask an expert question.

What's making those oak trees sparkle? (December 30, 2017). Ask an expert question picked up by the Oregonian

To top or not to top a tree. (November 4, 2017). Ask an expert question that was picked up by the Oregonian

Would it be OK to remove some surface roots? (April 29, 2017). An ask an expert question of mine was picked up by the Oregonian

Should I be concerned about the light green growth on my oak tree's limbs? (January 12, 2017).

This was a response to ask an expert that the Oregonian picked up. Can tree damaged by ice be saved? (January 1, 2017). Ask an expert that was picked up in the Oregonian.

4. SERVICE

1) Institutional Service

a. Service to the Department

RREA Mini Grant Proposal Review Committee, Forestry and Natural Resources Extension, (February 2023), peer reviewer.

Promotion and Tenure committee for the Department of Forest Engineering, Resources & Management, (2020-2022), committee member. Committee is reviewing and supporting candidates for promotion and tenure.

Starker chair and Assistant Professor of Family Forestry Search Committee, committee member, (October 2021 – June 2022). Committee will organize the outreach and search for the departmental position

FNR Extension Digital Strategy Team, committee member, (2016 - Present). Ongoing management of the FNR Extension Facebook page. Development of key messages describing FNR Extension that align with OSU brand marketing guidelines. Development and production of a new FNR Extension program brochure.

Forestry Extension Website Content Team, Committee Member, (2017 - 2019). Evaluate and organize existing program content to transfer to the new extension web presence. Reviews forestry content periodically for accuracy and to make sure everything is up to date.

Management Planning Website Update, Team leader, (2017 - 2019), updated the website at oregonforestmanagementplanning.org, updated the management planning guidelines

and template, purchased a domain for the website update, and maintains the management planning website for the public use

b. Service to the College

Starker Lecture Workshop Series Planning Committee. (2019 – April 2022), ad hoc Committee Member. Planning and organizing the Starker lecture series on Women in Forestry.

Forestry and Natural Resources Extension Program Leader and Associate Dean of the College of Forestry Hiring Committee, (2020), Committee Member.

Regional Extension Fire Specialist Hiring Committee, (2020), Committee Member. Committee hired 5 fire specialists to the 5 regional positions housed in the College of Forestry.

c. Service to the University

Association of Natural Resource Extension Professionals Biannual Conference Planning Committee (2018 - 2021), Committee Member.

ANREP Representative, OSU Extension Association. (2019 - 2020), Committee Member.

West Central Region, Regional Director Search Committee, (2018), Committee Member.

Office Specialist 2 Search Committee, (2017 - 2018), Committee Member.

Office Specialist 1 Search Committee, (2017), Committee Chair.

2) Service to the Profession

Chairperson

Association of Natural Resource Extension Professionals Awards Committee. (January 1, 2018 - 2020). The committee, consisting of about 25 volunteers, reviews and disseminates 23 awards each year.

Officer

Presentation Chair, Society of American Foresters - Emerald Chapter, Eugene, OR. (October 16, 2018 - 2020). Identifies and schedules speakers for the monthly membership meetings.

Western Regional Representative, Association of Natural Resource Extension Professionals. (January 1, 2018 - Present). National association for Cooperative Extension Service professionals working in environmental education, fisheries, forestry, wood sciences, range, recreation, waste management, water, wildlife, energy and related disciplines.

Delegate - at- large, Oregon Society of American Foresters. (January 1, 2019 - December 31, 2019). Hosted the 2019 leadership conference, received \$2500 from the foresters fund to develop a forestry policy booklet for legislatures, held a 5/10K run, developed a new leadership program from donated funds.

Member

Western SARE Advisory Committee. Ecotrust. OR & WA. (August 28, 2020 - Present). Advise Ecotrust on the development of landscape management planning resource development.

National Leadership Development Working group. Society of American Foresters (January 1, 2020 – Present). The goals of the committee are to develop recommendations and training that build and maintain strong local leaders; assist in the design, development, and implementation of training; and identify development paths for volunteer leaders so that subsequent appointments make use of training and experience gained in previous positions. I worked on two subcommittees that helped to develop a video for the membership on the benefits of leadership and provided recommendations to the CEO on updating the foresters fund grant program.

Wildlife in Managed Forests Steering Committee, OR. Oregon Forest Resources Institute. (September 12, 2019 - Present). The steering committee reviews all documents and provides regular direction for future projects. Recent publications include: Fisher and Humboldt marten and wolf, Sierra Nevada red fox, and red tree vole fact sheets.

Woodland Fish and Wildlife Group. (March 2019 - Present). Maintains a website that houses the publications written by the group. <https://woodlandfishandwildlife.com/>. I am a co-author on two publications.

Pollinator Research Working Group, OR. (January 2019 - Present). Developing a forest bee atlas, a one day workshop on pollinator data collection, grant application for citizen science projects related to collecting bee data.

Reviewer, Book

Peter Bundy. An Active Hand – Fundamentals of Restoration Forestry. Society of American Foresters. (May 25, 2018 - July 5, 2018).
https://www.eforester.org/Store/Bookstore/An_Active_Hand.aspx

Reviewer, Curriculum chapter

Backyard Yard Forests, Washington State University Master Gardener Curriculum, WSU Extension. (May 18, 2020)

Management Planning, Land Stewards Online Training Curriculum, OSU Extension Forestry Faculty. (October 21, 2020).

Woodland Management, Land Stewards Online Training Curriculum, OSU Extension Forestry Faculty. (December 26, 2018).

Reviewer, Extension Manual

Wildlife in Managed Forests: Amphibians, OFRI Wildlife in Managed Forests Working group steering committee, Oregon Forest Resources Institute. (April 23, 2021)

3) Service to the Public – Professionally-related

Board Member, Ex-officio, Oregon Community Trees, OR. (December 7, 2018 - Present). The mission of Oregon Community Trees is to promote healthy urban and community forests through leadership, education, awareness, and advocacy. The board hosts an urban and community forestry conference, awards Arbor Day grants, supports Oregon's Tree City USA program, and offers continuing education on a yearly basis.

Board Member, Oregon Tree Farm System, Eugene, OR. (October 21, 2017 - Present). I train the volunteer inspectors that certify properties 10,000 acres or less for sustainability

certification under the Tree Farm System.

Extension Liaison, Lane County Small Woodlands Association, Eugene, Oregon. (April 4, 2016 - Present). Work in partnership to provide education programs to landowners.

Volunteer Inspector, Oregon Tree Farm System, Eugene, OR. (November 2015 - Present). Inspect properties for American Tree Farm System certification.

Strategic Action Plan Working Group Member, Willamette Valley Oak and Prairie Cooperative, Oregon. (March 8, 2018 – December 31, 2020). Identifying areas of Oak restoration potential.

Committee Member, Community Wildfire Protection Plan, Eugene, OR. (November 7, 2018 – July 2020). Coordinating and administering a community needs assessment and updating the CWPP based on action items identified in the assessment.

Officer, Secretary, Oregon Department of Forestry Forest Classification Committee, Veneta, OR. (April 11, 2016 - October 19, 2016). Identify areas in the county classified as “forestland” for ODF fire protection assessment.

4) Service to the Public – Non-Professionally-related

Volunteer, Master Food Preserver, Eugene, OR. (June 5, 2017 - Present).

5) Service to Students

Committee member, Natural Resources Career Technical Education Skill Set Update Committee, Oregon (statewide focus), 138,111 students impacted. (June 29, 2022 – July 27, 2022).

5. AWARDS

In 2020 I received the great honor of being selected for the Early Career Leadership award for the National Association of Natural Resources Extension Professionals. This award is given to only one member per year within the national association that has less than seven years of service to Extension.

a. National and International Awards

Individual Awards

March 30, 2020, Early Career Leadership, Association of Natural Resources Extension Professionals.

Team Awards

March 31, 2023, Silver Award – Podcast, In the Woods. Association of Natural Resources Extension Professionals. Team Members: Jacob Putney, Scott Leavengood, Stephen Fitzgerald, Carrie Berger, Jason O’Brien, Kellen Soriano.

March 31, 2022, Gold Award - Book or Comprehensive Program Curriculum, Selling Logs from your Property Curriculum Package. Association of Natural Resources Extension Professionals. Team Members: Alicia Christiansen, Francisca Belart, Tamara Cushing, Kevin Zobrist, Christopher Schnepf, and Kelsey Ketcheson.

March 24, 2021, Most Innovative Program, EmpowerU, Association of Natural Resources

Professionals. Team members: Amanda Tedrow, Amy Rager, Angela Gupta, Emily Dombeck, Gail Epping Overholt, Georgia Peterson, Lauren Grand, Megan Weber, Michelle Prysby, Nate Meyer, and Shelly Johnson.

March 30, 2020, Outstanding Regional Collaborator: Western Region, Western Region Professional Development and Mobile Study Tour, Association of Natural Resources Extension Professionals. Team Member: Christopher Jones, Lauren Grand, Norma Kline, William Warren, Christopher Schnepf.

March 30, 2020, Short Publication Gold Award, The OSU Woodland Stick, Association of Natural Resources Extension Professionals. Team Members: Lauren Grand, Alicia Christiansen, Francisca Belart.

March 30, 2020, TV / Video Gold Award, Forest Team Go, Association of Natural Resources Extension Professionals. Team Members: Jordan Benner, Lauren Grand, Norie Dimeo-Ediger.

April 24, 2019, Outstanding Team Achievement Award, For Tree School Oregon, Association of Natural Resources Extension Professionals. Team Members: Glenn Ahrens, Alicia Christiansen, Nicole Strong, Daniel Leavell, John Punches, Lauren Grand, Max Bennett and Michael Bondi

April 3, 2017, Bronze award in the Web Sites/Social Media/Online Courses, ANREP, for below entry.

Grand, L., Zobrist, K. W. 2016 *Reducing Fire Risk to your Home and Wooded Property. Forest Stewardship University Online Forest Stewardship Modules. (OM33)*. WSU Press <http://breeze.wsu.edu/om33>

April 3, 2017, Silver Award for Long Publication, ANREP, for below entries.

Grand, L., Zobrist, K. W. 2016 *Completing a Property Ownership and Land-use History: For your Island, San Juan, Skagit, Snohomish, or Whatcom County Forest Stewardship Plan (EM099E)*. WSU Press <http://cru.cahe.wsu.edu/CEPublications/EM099E/EM099E.pdf>

Grand, L., Zobrist, K. W. 2016 *Completing a Property Ownership and Land-use History: For your King County Forest Stewardship Plan (EM104E, pp. 34)*. WSU Press <http://cru.cahe.wsu.edu/CEPublications/EM104E/EM104E.pdf>

b. State and Regional Awards

Individual Awards

December 11, 2020, Ask An Expert Faculty Expert of the Year, Lauren Grand, Oregon State University Extension Association.

October 8, 2020, Young Forester Leadership Award of the Year, Lauren Grand, Oregon Society of American Foresters.

December 5, 2019, Newer Faculty Leadership Award, Lauren Grand, OSU Extension Association.

Team Awards

December 2020, Search for Excellence Award, Selling Logs from your Property Program,

OSU Extension Association, Team Members: Lauren Grand, Alicia Christiansen, Francisca Belart, Tamara Cushing, Kevin Zobrist, Christopher Schnepf, and Kelsey Ketcheson.

c. University and Community Awards

Individual Award

June 21, 2019, Lane County Volunteer of the Year, Lauren Grand, Oregon Small Woodlands Association.

Team Award

September 30, 2021, Outstanding Community Partner of the Year, Lauren Grand and Amanda Rau, Long Tom Watershed Council.

Professional Development Scholarships - \$750.00

Grand, L. (Principal), "OSU Extension Professional Development Fund," Sponsored by Oregon State University, \$250.00. (August 15, 2019 - December 31, 2019).

Grand, L., "OSU Extension Professional Development Fund," Sponsored by Oregon State University, \$250.00. (September 5, 2018 - December 31, 2018).

Grand, L. (Principal), "ANREP Conference Travel Scholarship," Sponsored by Association of Natural Resources Extension Professionals, \$250.00. (April 2018).