

PROMOTION AND TENURE VITAE

Lauren Grand
Assistant Professor of Practice
Lane County Extension Agent in Forestry and Natural Resources
Department of Forest Engineering, Resources & Management
College of Forestry
Oregon State University
996 Jefferson St
Eugene, OR 97402
Tel: 541-579-2150
Email: lauren.grand@oregonstate.edu
<https://extension.oregonstate.edu/lane/forestry-natural-resources>
<http://extensionweb.forestry.oregonstate.edu/grand-lauren>
<http://directory.forestry.oregonstate.edu/people/grand-lauren>

A. EDUCATION AND EMPLOYMENT INFORMATION

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

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.

B. TEACHING, ADVISING AND OTHER ASSIGNMENTS

1. Instructional Summary

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

1. **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 the desert ecology of AZ, and examples AZ extension programming. At the professional development meeting, extension professionals from around the Western United States discussed their work and presented on on-going projects at home. My Role: Coordinator/Organizer/Facilitator/Presenter (The Selling Logs from you Property Program and Curriculum).
2. **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. Introduction to timber harvesting fundamentals, local forest markets, working with professionals including consultants, log buyers, and loggers, and harvesting contracts and taxes. The workshop also included a session on scaling and portable sawmilling. My Role: Coordinator/Organizer/Facilitator/Panel Moderator.
3. **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/Organizer/Facilitator/Presenter (Introduction to Woodland Management with Brad Withrow-Robinson).
4. **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. Introduction to timber harvesting fundamentals, local forest markets, working with professionals including consultants, log buyers, and loggers, and harvesting contracts and taxes. The workshop also included a session on scaling and portable sawmilling. My Role: Coordinator/Organizer/Facilitator/Panel Moderator.
5. **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. Introduction to timber harvesting

- fundamentals, local forest markets, working with professionals including consultants, log buyers, and loggers, and harvesting contracts and taxes. The workshop also included a field trip on after the harvest expectations, scaling, and portable sawmilling. My Role: Coordinator/Organizer/Facilitator/Panel Moderator.
6. **Oregon Small Woodlands Association Annual State Meeting**, Springfield, 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 followed by a landowner field trip. My Role: Coordinator/Organizer/Facilitator.
 7. **Tree School Lane**, Pleasant Hill, OR, June 2, 2018, Duration: 8 hours, (122 adult educational contacts) **Collaborative Effort**, with Alicia Christiansen. A full day of forestry classes. My Role: Coordinator/Organizer/Facilitator/Presenter (introduction to Management Planning).
 8. **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. Introduction to timber harvesting fundamentals, local forest markets, working with professionals including consultants, log buyers, and loggers, and harvesting contracts and taxes. The workshop also included a field trip on after the harvest expectations, scaling, and portable sawmilling. **Collaborative Effort**, My Role: Coordinator/Organizer/Facilitator/ Panel Moderator.
 9. **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 classes followed by a landowner field trip. My Role: Coordinator/Organizer/Facilitator/Presenter (Thinning Douglas-fir).
 10. **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/Organizer/Facilitator.

Class Series/Short Course

11. **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. My Role: Author/Presenter/organizer.

12. **Effective Forest Roads**, Mapleton, OR, November 2, 2019, Duration: 6 hours, (22 adult educational contacts) **Collaborative Effort** with Francisca Belart, Jon Souder, and Oregon Department of forestry. How to maintain effective forest roads, healthy fish habitat, and landowner assistance. My Role: Coordinator/Organizer/Facilitator.
13. **Introduction to Wildlife and Habitat Management**, Eugene, OR, October 9, 2019 - October 30, 2019, Duration: 12 hours, (56 adult educational contacts) **Collaborative Effort** with Guillermo Giannico (fish presentation), Oregon Department of forestry (bees presentation), and Cafferata Consulting (birds and mammals presentations). How to manage wildlife habitat and what birds, bees, mammals, amphibians, reptiles, and fish need. My Role: Author/Presenter (introduction to wildlife habitat management, amphibians, and reptiles)/organizer/facilitator.
14. **EmpowerU: Advocating For Invasive Species Management**, Online and Newport, OR, April 15, 2019 - May 11, 2019, Duration: 14 hours, (17 adult educational contacts) **Collaborative Effort** with University of Minnesota (curriculum developer) and Pamela Monnette (co-organizer and presenter). Flipped classroom style online training with in-person workshop teaching effective civic engagement on local invasive species issues. My Role: Coordinator/Organizer/Facilitator/Presenter.
15. **Master Woodland Manager Volunteer Training**, Eugene, Blue River, Florence, Walton, Walterville, Junction City, September 6, 2018 - December 13, 2018, Duration: 48 hours, (208 adult educational contacts) **Collaborative Effort** with Statewide MWM coordinator, Tiffany Hopkins and other instructors: David Shaw, Stephan Fitzgerald, Nicole Strong, Mark Shultz, Jon Souder, Guillermo Giannico, Francisca Belart, Tamera Cushing, John Punches. Eight Session volunteer training on forest management. My Role: Presenter (management planning and your landscape your setting)/Organizer/Facilitator.
16. **Mentored Management Planning**, Elkton, OR, March 6, 2018 - April 3, 2018, Duration: 20 hours, (20 adult educational contacts) **Collaborative Effort** with Alicia Christiansen. Four session course on how to write a management plan. My Role: Presenter/Organizer/Facilitator.
17. **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. My Role: Presenter/Organizer/Facilitator.
18. **Oregon Season Tracker Training**, Eugene, November 13, 2017, Duration: 5 hours, (9 adult educational contacts) **Collaborative Effort** with Brad Withrow-Robinson and Jody Einerson. My Role: Organizer/Facilitator.
19. **Living on the Land: Stewardship for Small Acreages**, Walterville, Oregon, October 5, 2017 - November 2, 2017, Duration: 10 hours, (200 adult educational contacts)

Collaborative Effort with Melissa Fery, My Role:

Coordinator/Organizer/Facilitator/Presenter (woodland management and wildlife).

20. **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. My Role: Author/Presenter/Organizer/Facilitator.
21. **Woodland Management: A Basic Forestry Shortcourse**, Junction City, Oregon, October 4, 2016 - October 29, 2016, (87 adult educational contacts) **Collaborative Effort** Brad Withrow-Robinson, Four session course on woodland management and a field trip. My Role: Coordinator/Organizer/Facilitator/Presenter.

Field Day/Tour

22. **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. My Role: Author/Presenter/Organizer.
23. **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. My Role: Author/Presenter.
24. **National Forest Products Week Mill Tours**, Eugene, OR, October 25, 2019, Duration: 7 hours, (16 adult educational contacts) **Collaborative Effort** Oregon Women in Timber. Tours of a veneer and plywood facility, and a lumber and glulam facility. My Role: Coordinator/Organizer/Facilitator.
25. **Old Growth Tour**, Springfield, OR, October 12, 2019, Duration: 4 hours, (24 adult educational contacts), Walk in the woods describing the characteristics of old growth forests. Two, 2 hour sessions presented. My Role: Author/Presenter/organizer.
26. **Upland Ecology, Master Woodland Manager Volunteer Training**, Glide, OR, October 3, 2019, Duration: 7 hours, (26 adult educational contacts) **Collaborative Effort** presented with Stephan Fitzgerald, organized by Alicia Christiansen. How to plan for wildlife management while completing your silviculture practices. My Role: Presenter
27. **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) **Collaborative Effort** with Amy Grotta, Oregon Bee Atlas, and Oregon Department of Forestry. Monthly

- collection events with Bee Atlas volunteers to collect bees for the research project. My Role: Coordinator/Organizer/Facilitator.
28. **Growing and Harvesting Poplar**, Eugene, OR, June 13, 2019, Duration: 5 hours, (24 adult educational contacts) **Collaborative Effort** Metropolitan Wastewater Management Commission. How to manage and harvest poplar trees, what products can poplar make, and how to market the species. My Role: Coordinator/Organizer/Facilitator.
 29. **Weyerhaeuser TOPS Facility Tour**, Springfield, OR, May 9, 2019, Duration: 3 hours, (22 adult educational contacts) **Collaborative Effort** with the Lane County Small Woodlands Association. Manufacturing of chip and saw, marketing small diameter logs. My Role: Coordinator/Organizer/Facilitator.
 30. **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. Presenter was Stephan Fitzgerald. My Role: Coordinator/Organizer/Facilitator.
 31. **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) **Collaborative Effort** with Lane Families for Farms and Forests. A tour for elected officials on riparian buffers, cable harvesting systems, stream restorations, water management at dairy farms. My Role: Coordinator/Organizer/Facilitator.
 32. **Logging Equipment Tour**, Pacific Logging Congress, Corvallis, September 13, 2018, Duration: 5 hours, (2 adult educational contacts, 12 youth educational contacts). Toured high school students to see various examples of working logging equipment. My role: Presenter- Tour Guide.
 33. **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. My Role: Coordinator/Organizer/Facilitator.
 34. **Growing Healthy and Diverse Forests**, Eugene, OR, March 17, 2018, Duration: 5 hours, (26 adult educational contacts) **Collaborative Effort** with Forests Today & Forever. Stand dynamics in Western Oregon Forests including techniques to encourage forest health and diversity. My Role: Author/Presenter/Organizer.
 35. **Mistletoe and Wildlife**, WJ Finley NWR, Benton County, December 2, 2017, Duration: 3 hours, (12 adult educational contacts) **Collaborative Effort** with Brad Withrow-Robinson and David Shaw. Programing on the ecology, incidence, and habitat benefits of Oak Mistletoe and Root rot on Oregon White Oak. My Role: Organizer/Facilitator.

36. **Laminated Root Rot Tour**, Shotgun Creek, Marcola, OR, September 28, 2017, Duration: 2 hours, (14 adult educational contacts) **Collaborative Effort** with David Shaw. How to identify and manage for Laminated Root rot. My Role: Organizer/Facilitator.
37. **Farm to Forest Tour**, Eugene, OR, September 25, 2017, Duration: 6 hours, (45 adult educational contacts) **Collaborative Effort** with Lane Families for Farms and Forests. This workshop introduced elected officials to their local farmers and forest landowners. My Role: Coordinator/Organizer/Facilitator.
38. **Thinning Young Douglas-fir Stands**, Oregon Small Woodlands Association Tree Farmer of the Year Field Tour, Florence, June 17, 2017, Duration: 3 hours, (154 adult educational contacts) **Collaborative Effort** organized by Oregon Small Woodlands Association. How to evaluate trees for thinning and determining what spacing to thin too. My Role: Presenter.
39. **Oak Woodland Restoration**, Eugene, OR, June 3, 2017, Duration: 6 hours, (22 adult educational contacts) **Collaborative Effort**, with the Long Tom Watershed Council and Eugene Parks. This workshop went over the ecology, historical Native American management, and the restoration techniques of an Oak Woodland. My Role: Coordinator/Organizer/Facilitator/Presenter on Soils. .
40. **Walk in the Woods: Preparing for your Management Plan**, Cafferata Family Forest, Deerhorn, OR, April 18, 2017, Duration: 4 hours, (13 adult educational contacts) **Collaborative Effort** with Women Owning Woodlands, Tiffany Hopkins. My Role: Coordinator/Organizer/Facilitator/Presenter.
41. **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) **Collaborative Effort** with David Shaw and coordinated by Tiffany Hopkins. My Role: Presenter.
42. **How Does your forest grow?**, Neighbor to Neighbor Tour, Bauman Tree Farm, Eugene OR, June 4, 2016, Duration: 2 hours (30 adult educational contacts), **Collaborative Effort** with Lane County Small Woodlands Association. My Role: Author/Presenter.
43. **Forestry Envirothon Training**, Bauman Tree Farm, 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. My Role: Author/Presenter.

Meeting

44. **FNR Summer Planning Meeting**, Florence, Or, August 7, 2018 - August 9, 2018, Duration: 24 hours, (25 adult educational contacts) **Collaborative Effort** with OSU FNR planning team. My Role: Coordinator/Organizer/Facilitator.
45. **How to be a Mentor**, Mentored Management Planning Short Course, Elkton, OR, March 2, 2018, Duration: 2 hours, (8 adult educational contacts) **Collaborative Effort**, with Alicia Christiansen. Training for mentors in the mentor management planning series. My Role: Author/Presenter.
46. **What Extension Brings to Landowners in Lane County**, Lane County Small Woodlands Association Annual meeting, The ELks, Eugene, OR, January 18, 2018, Duration: 1 hour (80 adult educational contacts). Forestry resources and educational programing that is offered in Lane County. My Role: Author/Presenter.
47. **What Extension Brings to Landowners in Lane County**, Lane County Small Woodlands Association Annual meeting, The ELks, Eugene, OR, January 19, 2017, Duration: 1 hour (70 adult educational contacts) Forestry resources and educational programing that is offered in Lane County. My Role: Author/Presenter.

Presentation

48. **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. My Role: Coordinator/Organizer/Facilitator.
49. **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. My Role: Presenter.
50. **Forest Management: Timber Activity**, Forests Today and Forever Field Days, Eugene, OR, October 7, 2019, Duration: 4 hours, (4 adult educational contacts, 26 youth educational contacts). The management cycle and measuring trees. **Collaborative Effort** with Forests Today & Forever. My Role: Presenter.
51. **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. My Role: Author/Presenter.
52. **Oregon's Coastal Forests**, Siuslaw Watershed Council Summer Camp, Deadwood, OR, June 19, 2019, Duration: 4 hours, (45 youth educational contacts). Description of stand dynamics and the role of disturbance in coastal forests. My Role: Author/Presenter.

53. **Forest Management: Timber Activity**, Forests Today and Forever Field Days, Eugene, OR, May 7, 2019, Duration: 4 hours, (4 adult educational contacts, 26 youth educational contacts) The management cycle and measuring trees. **Collaborative Effort**, My Role: Presenter.
54. **Measuring Trees**, Pleasant Hill, OR April 23, 2019, Duration: 2 hours, (25 youth educational contacts) **Collaborative Effort**, with Angela White, FFA teacher at Pleasant Hill High School. Forestry careers, measuring trees, and how that information is used in forest management decisions. My Role: Presenter.
55. **Measuring Trees**, Pleasant Hill, OR April 23, 2019, Duration: 2 hours, (8 youth educational contacts) **Collaborative Effort**, with Angela White, FFA teacher at Pleasant Hill High School. Forestry careers, measuring trees, and how that information is used in forest management decisions. My Role: Presenter.
56. **Identification and Control of Invasive Weeds**, Pleasant Hill, OR, April 11, 2019, Duration: 2 hours, (15 adult educational contacts) **Collaborative Effort**, with Middle Fork Willamette Watershed Council, ODA, and ODF. Local invasive species identification and how to manage them. My Role: Coordinator/Organizer/Facilitator.
57. **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. My Role: Author/Presenter.
58. **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. My Role: Author/Presenter.
59. **Invasive Species Science Pub**, Pleasant Hill, OR, March 26, 2019, Duration: 2 hours, (35 adult educational contacts) **Collaborative Effort**, with Middle Fork Willamette Watershed Council. Common invasive species in the middle fork and how to identify them. My Role: Coordinator/Organizer/Facilitator.
60. **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. My Role: Author/Presenter.
61. **Forest Management Plan Writing for Tree Farmers**, Tree School Clackamas, Oregon City, March 23, 2019, Duration: 2 hours, (30 adult educational contacts) **Collaborative Effort** Co presenters with ODF and Multnomah Soil and Water Conservation District. My Role: Author/Presenter.
62. **Native Trees and Shrubs**, Eugene, OR, February 20, 2019, Duration: 3 hours, (25 adult educational contacts) **Collaborative Effort**, this was presentation for the

- Master Gardener training on how to identify native trees and shrubs including their silvicultural characteristics. My Role: Author/Presenter.
63. **Trees and Taxes**, Eugene, OR, February 8, 2019, Duration: 2 hours, (19 adult educational contacts), Presentation by Tamera Cushing on harvesting related income taxes and forestland deferral programs. My Role: Coordinator/Organizer/Facilitator.
 64. **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. My Role: Author/Presenter.
 65. **Growing Trees for Optimal Wood Quality**, Eugene, OR, January 9, 2019, Duration: 2 hours, (10 adult educational contacts). Presenter: John Punches. Tree growth processes, wood quality concepts, and implications of silvicultural activities. My Role: Organizer/Facilitator.
 66. **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 ODF. My Role: Presenter.
 67. **Native Trees and Shrubs**, Eugene, OR, November 20, 2018, Duration: 2 hours, (30 adult educational contacts), presentation for the Eugene Garden Club on how to identify native trees and shrubs including their silvicultural characteristics. My Role: Author/Presenter.
 68. **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. My Role: Author/Presenter.
 69. **Learning From Doing: Needs Assessments**, Seeding Success, Online, October 9, 2018, Duration: 1 hours, (22 adult educational contacts) **Collaborative Effort**, With the Association of Natural Extension Resource Professional. How to complete a needs assessment using the educational need model and a case study from Lane County FNR. My Role: Author/Presenter.
 70. **Forest Management: Timber Activity**, Forests Today and Forever Field Days, Eugene, OR, September 25, 2018, Duration: 4 hours, (4 adult educational contacts, 26 youth educational contacts) **Collaborative Effort**, with Forests Today & Forever. Timber management cycle and tree measurements. My Role: Presenter.
 71. **Introduction to Forest Management Planning**, Tree School Lane, Pleasant Hill, OR, June 2, 2018, Duration: 2 hours, (25 adult educational contacts), what goes into a plan and the resource available to help. My Role: Author/Presenter.

72. **Forest Management: Timber Activity**, Forests Today and Forever Field Days, Eugene, OR, May 17, 2018, Duration: 4 hours, (4 adult educational contacts, 26 youth educational contacts) **Collaborative Effort**, with Forests Today & Forever. Timber management cycle and measuring trees. My Role: Presenter.
73. **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. My Role: Author/Presenter.
74. **Basic Timber Inventory for Woodland Owners**, Tree School Clackamas, Oregon City, OR, March 24, 2018, Duration: 2 hours, (25 adult educational contacts) **Collaborative Effort**, with Valarie Elder. How to complete an inventory, measure trees, calculate volume, and use what you've learned in your management plans. My Role: Author/Presenter.
75. **Forest Management Plan Writing**, Tree School Clackamas, Oregon City, OR, March 24, 2018, Duration: 2 hours, (17 adult educational contacts) **Collaborative Effort**, with ODF and Multnomah Soil and Water Conservation District. Parts of a plan and what resources are available to help. My Role: Author/Presenter.
76. **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. My Role: Author/Presenter.
77. **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. My Role: Author/Presenter.
78. **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. My Role: Author/Presenter.
79. **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 ODF. My Role: Author/Presenter.
80. **Growing Healthy Forests**, Goldson Grange, Goldson, OR, January 4, 2018, Duration: 1 hours, (27 adult educational contacts, 3 youth educational contacts). Forest stand dynamics and thinning. My Role: Author/Presenter.
81. **Expand your base**, Oregon Tree Farm System Annual Meeting, Silverton, October 21, 2017, Duration: 2 hours, (15 adult educational contacts) **Collaborative Effort**, co-

- presenter with Tamera Cushing. Explored the national woodland owner survey and discussed approaches for engaging more family forest owners in a meaningful conversation about their woods. My Role: Presenter.
82. **Woodlands and Wildlife**, Living on the Land, Walterville Grange, Walterville, OR, October 19, 2017, Duration: 2 hours, (40 adult educational contacts, 1 youth educational contacts) **Collaborative Effort**, series co-organized by Melissa Fery. My Role: Presenter.
 83. **Forest Management: Timber Activity**, Forest Field Days, Bauman Tree Farm, Eugene OR, September 27, 2017, Duration: 4 hours, (8 adult educational contacts, 28 youth educational contacts) **Collaborative Effort**, with Forests Today and Forever. Timber management cycle and tree measurements. My Role: Presenter.
 84. **Native Trees of Lane County**, Master Gardener Fall Festival, River Road Park, Eugene, OR, September 23, 2017, Duration: 1 hours, (18 adult educational contacts) **Collaborative Effort**, with Lane County Master Gardeners. Common Lane County Trees and how to identify them. My Role: Author/Presenter.
 85. **Forest Management: Timber Activity**, Forest Field Days, Bauman Tree Farm, Eugene OR, May 4, 2017, Duration: 4 hours, (8 adult educational contacts, 28 youth educational contacts) **Collaborative Effort**, with Forests Today and Forever. Timber management cycle and tree measurements. My Role: Presenter.
 86. **Forest Management: Timber Activity**, Forest Field Days, Bauman Tree Farm, Eugene OR, April 25, 2017, Duration: 4 hours, (8 adult educational contacts, 28 youth educational contacts) **Collaborative Effort**, with Forests Today and Forever. Timber management cycle and tree measurements. My Role: Presenter.
 87. **Finding Frogs and Noticing Newts**, Tree School Clackamas, Clackamas Community College, 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. My Role: Author/Presenter.
 88. **Introduction to forest soils and using the web soil survey**, Kaufman house, Lane County Extension Office, Eugene, OR, March 1, 2017, Duration: 2 hours, (8 adult educational contacts) Collaborative Effort, with NRCS (presenter). Soil science, use of the web soil survey, and how this information fits into a management plan. My Role: Coordinator/Organizer/Facilitator.
 89. **The Ins & Outs of Special Forest Products**, Creswell, OR, February 18, 2017, Duration: 2 hours, (18 adult educational contacts, 1 youth educational contacts) **Collaborative Effort**, Oregon Herb and Craft as presenter. What products are included in the special forest products industry, marketing, and starting a new business. My Role: Coordinator/Organizer/Facilitator.

90. **Trees and Taxes: Understanding Forestry Related Taxes**, Eugene, OR, January 24, 2017, (31 adult educational contacts) **Collaborative Effort**, Presenter Tamera Cushing. Information on Forest tax deferral programs, forest management expenses, how to handle recent forest income, or plan for future forest income. My Role: Coordinator/Organizer/Facilitator.
91. **Logs to Lumber to Living: A Cabin in the Woods**, Kaufman House, Eugene, OR, October 27, 2016, (26 adult educational contacts) **Collaborative Effort**, with Steve Bowers (presenter). How to calculate volume of a standing tree, cut the tree safely, buck a tree to maximum value. My Role: Coordinator/Organizer/Facilitator.
92. **Forests and Plants**, 4H junior Master Naturalist Course, Bauman Tree Farm, Eugene, OR, November 18, 2016, (1 adult educational contacts, 5 youth educational contacts), learn the different forest plants and how to identify conifer vs deciduous tree species, how trees grow, what it means for trees to be under competition, and how trees grow together to form a forest, **Collaborative effort** with organizer Lane County 4H and co-presenter Alicia Christiansen. My Role: Author/Presenter.
93. **Finding Frogs, Noticing Newts**, Women Owning Woodlands Retreat, Silver Falls State Park, November 5, 2016, (18 adult educational contacts), Common Western OR amphibians, how to identify adults and eggs, important habitat requirements. My Role: Author/Presenter.
94. **Why are my trees dying?**, Lane County Home Show, Fair Grounds, Eugene OR, October 8, 2016, (15 adult educational contacts), The effect of drought on trees and secondary affects. My Role: Author/Presenter.
95. **Forest Management: Timber Activity**, Forest Field Days, Bauman Tree Farm, Eugene OR, September 29, 2016, (5 adult educational contacts, 28 youth educational contacts) **Collaborative Effort**, with Forests Today and Forever. Timber management cycle and tree measurements. My Role: Presenter.
96. **Why are my trees dying?**, Master Gardener Fall Festival, River Road Park, Eugene OR, September 24, 2016, (23 adult educational contacts, 1 youth educational contacts), The effect of drought on trees and secondary affects. My Role: Author/Presenter.
97. **Identifying Tree Diseases**: Master Gardener Plant Diagnostics Prowl, Skinner Butte, Eugene, OR, June 16, 2016, (15 adult educational contacts), Walking tour of Skinner Butte to ID dying trees and the cause. My Role: Author/Presenter.
98. **Reducing Fire Risk to your Home in the Woods**, Big Bear Retreat, Walton OR, May 25, 2016, (32 adult educational contacts), **Collaborative Effort**, with Co-presenter from ODF, Introduction to fire science and Firewise landscaping techniques. My Role: Author/Presenter.

Workshop

99. **Women Owning Woodlands - Special Forest Products: Wreath Making**, Eugene, OR, November 23, 2019, Duration: 4 hours, (34 adult educational contacts, 1 youth educational contacts) **Collaborative Effort**, co-organized by Tiffany Hopkins. Description of special forest products, how to correctly cut boughs, permit requirements from public lands, and how to make a wreath. My Role: Author/Presenter/organizer/facilitator.
100. **Learn and Burn**, Eugene, OR, November 8, 2019, Duration: 8 hours, (27 adult educational contacts) **Collaborative Effort**, with the nature conservancy, the NW Fire Science Consortium, Long Tom Watershed Council, and Presenter Daniel Leavell. Introduction to fire science, managing with fire, building a pile that burns, smoke management, biochar, after burn seeding/planting, field trip assessing built piles. My Role: Coordinator/Organizer/Facilitator.
101. **Protecting your home from Wildfire**, Florence, OR, June 4, 2019, Duration: 6 hours, (9 adult educational contacts) **Collaborative Effort**, with ODF. 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. My Role: Author/Presenter.
102. **Forests for Engaged Learning**, Eugene, OR, June 1, 2019, Duration: 6 hours, (6 adult educational contacts) **Collaborative Effort**, with Oregon Natural Resources Education Program, Oregon Forest Resources Institute, Forests Today & Forever. My Role: Author/Presenter/Organizer.
103. **Protecting your home from Wildfire**, Springfield, OR, May 18, 2019, Duration: 6 hours, (8 adult educational contacts) **Collaborative Effort**, with ODF. 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. My Role: Author/Presenter.
104. **Wildfire Preparedness Day**, Eugene, OR, May 4, 2019, Duration: 3 hours, (35 adult educational contacts) **Collaborative Effort**, with ODF, Eugene/Springfield Fire, Eugene Parks. Explanation of landowner assistance resources and fire's impact on the Eugene South Hills. Field trip followed with a home landscape assessment. My Role: Presenter.
105. **Cable Anchoring Workshop: failure mechanisms, safe design and new technologies**, Springfield, OR, March 6, 2019, Duration: 6 hours, (36 adult educational contacts) **Collaborative Effort**, with Francisca Belart (presenter/organizer), Jeff Weimer (presenter), and Ben Leshchinsky (presenter). 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. My Role: Coordinator/Organizer.

106. **Riparian walk and wreath making workshop**, Women Owning Woodlands Network Event, Walton, OR, December 8, 2018, Duration: 4 hours, (5 adult educational contacts) Collaborative Effort, with Tiffany Hopkins. Description of special forest products and how to make a wreath out of fresh boughs. Followed by a riparian management walk including a thinning project with the new SSBT rules. My Role: Author/Presenter/Organizer.
107. **Cable Anchoring Workshop: failure mechanisms, safe design and new technologies**, Eugene, OR, November 16, 2018, Duration: 6 hours, (27 adult educational contacts) **Collaborative Effort**, with Francisca Belart (presenter/organizer), Jeff Weimer (presenter), and Ben Leshchinsky (presenter). 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. My Role: Coordinator/Organizer.
108. **WILD at the Refuge, Reptiles and Amphibians**, USFS Finley Wildlife Refuge, south of Corvallis, October 6, 2018, Duration: 6 hours, (14 adult educational contacts) **Collaborative Effort**, with Benton County 4H as Organizer. Identification of common amphibians of the Willamette valley and their habitat requirements. My Role: Presenter (amphibians).
109. **WOWNet Management Planning Hands-on Workshop**, Oregon City, OR, June 21, 2018, Duration: 6 hours, (16 adult educational contacts) **Collaborative Effort**, with Organizer Tiffany Hopkins. How to use the online tools available for writing a forest management plan. My Role: Author/Presenter.
110. **Protecting your home from Wildfire**, Eugene, OR, May 19, 2018, Duration: 6 hours, (30 adult educational contacts) **Collaborative Effort**, with Presenters ODF and Kara Baylog. 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. My Role: Coordinator/Organizer/Facilitator.
111. **Management at your fingertips: Lean and practice with web based forest resources**, Tree School Baker, Baker City, OR, April 21, 2018, Duration: 3 hours, (10 adult educational contacts), with co-presenter Alicia Christiansen. How to use the online tools available for writing a forest management plan. My Role: Author/Presenter.
112. **Tree Farm System Inspector Training**, Eugene, OR, November 8, 2017, Duration: 4 hours, (7 adult educational contacts) **Collaborative Effort**, with Oregon Tree Farm System. How to assess a tree farm and management plan for the Tree Farm sustainability certification. My Role: Presenter.
113. **Ties to the Land**, EWEB Building, Eugene, OR, October 14, 2017, Duration: 3 hours, (26 adult educational contacts) **Collaborative Effort**, With Presenter Tamera Cushing

and Co-organizer Friends of Buford Park and Mt. Pisgah. Landowner succession planning. My Role: Organizer/Facilitator.

114. **Oregon Forest Pest Detector**, Eugene, September 1, 2017, Duration: 5 hours, (24 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 My Role: Coordinator/Organizer/Facilitator.
115. **Cruise Fall Buck and Scale**, Bauman Tree Farm, Eugene, OR, April 22, 2017, Duration: 3 hours, (19 adult educational contacts, 1 youth educational contacts) **Collaborative Effort**, with presenter Steve Bowers. My Role: Coordinator/Organizer/Facilitator.
116. **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 My Role: Coordinator/Organizer/Facilitator.
117. **Oregon Forest Pest Detector**, Eugene, October 14, 2016, Duration: 4 hours (25 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 My Role: Coordinator/Organizer/Facilitator.
118. **Native Trees Walk: Identification and Silvics**, Elkton Community Education Center, Elkton, OR, September 21, 2016, Duration: 2 hours (16 adult educational contacts, 2 youth educational contacts) **Collaborative Effort**, with Alicia Christiansen (presenter). Walk in the woods to identify key characteristics of native trees and their life characteristics. My Role: Author/Presenter.
119. **Native Trees Walk: Identification and Silvics**, University of Oregon Campus, Eugene, September 8, 2016, Duration: 2 hours (31 adult educational contacts). Walk in the woods to identify key characteristics of native trees and their life characteristics. My Role: Author/Presenter/Organizer.
120. **Ties to the Land**, River Rd Park, Eugene, OR, May 14, 2016, Duration: 4 hours (9 adult educational contacts) **Collaborative Effort**, with Janean Creighton (presenter). Strategies to maintain generational ties to the land; building awareness of the key challenges facing family businesses; and motivating families to address the challenges. My Role: Coordinator/Organizer/Facilitator.

Other

121. **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) **Collaborative Effort** with all of Lane County Extension. Talk with public about tree questions, their property, and the forestry extension program. My Role: Organizer/Presenter
122. **Mobile Plant Clinic**, Veneta Farmers Market, Veneta, OR, August 3, 2019, Duration: 4 hours (22 adult educational contacts) **Collaborative Effort**, with Master Gardeners. Master Woodland Managers answered public questions about their trees and wooded properties. My Role: Coordinator/Organizer.
 123. **Mobile Plant Clinic**, Veneta Farmers Market, Veneta, OR, July 20, 2019, Duration: 4 hours (20 adult educational contacts) **Collaborative Effort**, with Master Gardeners. Master Woodland Managers answered public questions about their trees and wooded properties. My Role: Coordinator/Organizer.
 124. **Mobile Plant Clinic**, Dexter Lake Farmers Market, Dexter, OR, June 16, 2019, Duration: 4 hours (20 adult educational contacts) **Collaborative Effort**, with Master Gardeners. Master Woodland Managers answered public questions about their trees and wooded properties. My Role: Coordinator/Organizer.
 125. **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. My Role: Author/Presenter.
 126. **Clear Cut or Not? Understanding Sustainable Forestry**, Eugene, OR, April 12, 2018, Duration: 2 hours, (110 adult educational contacts) **Collaborative Effort**, with the Eugene Sustainable Business Network. Panel discussion about forest ecology and management in Lane County. Representatives on the panel included myself representing OSU, Oregon Wild, Seneca Family of Companies, and Trout Mountain Forestry. My Role: Panelist.
 127. **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.
 128. **Management Planning Office Hours**, Kaufman house, 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/Organizer/Facilitator/Presenter.
 129. **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.

130. **Reforestation Q&A**, Lane County Small Woodlands Association Seedling Sale, Alton Baker Park, 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

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

In review, expected publication in 2020

This curriculum has been developed 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. Participants of this training program will understand the following: steps to selling trees, how to properly identify the people involved, and the expected outcomes when the operation is complete.

Authors: Lauren Grand, Alicia Christiansen, Kelsey Ketchenson, Francisca Belart, Tamara Cushing, and Chris Schnepf.

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

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

Committee Member

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

e) Team or Collaborative Efforts

My work with OSU, FNR Extension is all collaborative.

I've currently started fostering a working collaborative relationship with the Wildlife Biologist on the Siuslaw National Forest. In this partnership we are finding research projects that Master Woodland Manager Volunteers can help to collect the data for on the forest.

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. My Role: Presenter.

2. Student and Participant/Client Evaluation

Citizen Assessment of Extension Teaching. This uses a standard form from OSU Extension.

Responses are none, very poor, poor, fair, good, very good and excellent (0-6).

Date	Title of NC Instruction	# of Respondents	CET Mean Rating Q1	CET Mean Rating Q2
October 9, 2019	Introduction to Woodland Management and Planning	10	5.8	5.9
March 29, 2019	Introduction to Forest Management Plan Writing	14	5.43	5.5
March 23, 2019	Basic Tree Measurements	10	5.8	5.67
November 20, 2018	Native Trees and Shrubs	14	5.57	5.64
June 21, 2018	WOWNet Management Planning Hands-on Workshop	12	6	5.83
February 10, 2018	Introduction to Woodland Management: A basic forestry shortcourse	9	5.56	5.56
October 19, 2017	Woodlands and Wildlife	27	5.11	5.07
April 8, 2017	Oregon Season Tracker Training	8	5.88	5.88
March 25, 2017	Finding Frogs and Noticing Newts	18	5.67	5.44

3. Peer Teaching Evaluations

a) Credit

None

b) Non-Credit

Introduction to Woodland Management-Harrisburg, OR, 3.78 of 4
March 9, 2019,
Amy M Garrett, OSU Extension – Small Farms

Wild at the Refuge: Amphibians of the Willamette Valley-Monroe, OR, 3.6 of 4
October 6, 2018
Margaret T Livesay, 4-H Natural Resource Faculty

Living on the Land - Woodlands and Wildlife-Waltermville, 3.9 of 4
October 19, 2017
Melissa A Fery, OSU Extension - Small Farms

Native Tree ID and Silvics Class; Native Tree walk-University of Oregon Campus, Eugene,
OR, 3.83 of 4
September 8, 2016
Alicia C Christiansen, OSU FNR Extension Faculty

4. Advising

None

5. Other Assignments

None

C. SCHOLARSHIP AND CREATIVE ACTIVITY

1. Publications

Peer-reviewed

a) Refereed publications

Grand, L., Christiansen, A. C., Belart, F. IN PRESS. How the Woodland Stick benefits Oregon Family Forestland Owners and Extension Volunteers. *Journal of Extension*

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/ Springer*, 13. https://link.springer.com/article/10.1186/s13717-017-0111-7?wt_mc=Internal.Event.1.SEM.ArticleAuthorIncrementalIssue

Zobrist, K. W., Grand, L., Rozance, M. A. (2016). Fostering Adaptation by Changing Landowners' Knowledge Framework -Responses to Extension Education in Northwest WA, USA. *Acta Silvatica et Lignaria Hungarica*, 12(1), 35-46.

http://aslh.nyme.hu/fileadmin/dokumentumok/fmk/acta_silvatica/cikkek/Vol12-2016/ASLH_Vol_12_2016_Issue1_03_Zobrist_et_al.pdf

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? University of California, Agriculture and Natural Resources*, 64(1), 31-36.
<http://calag.ucanr.edu/Archive/?article=ca.v064n01p31>

b) Extension Publications

Belart, F., Grand, L. 2019 *Tools for Measuring your Forest* (EC 1129, pp. 9). Corvallis, OR: OSU Extension <https://catalog.extension.oregonstate.edu/ec1129>

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: Extension and Experiment Station Communications (EESC) <https://catalog.extension.oregonstate.edu/em9228>

Edmunds, B. A., Grand, L., Christiansen, A. C., Hulting, A. 2018 *Pacific Poison-Oak and Western Poison-Ivy: Identification and Management*. <https://catalog.extension.oregonstate.edu/pnw108>

Berger, C. A., Grand, L., Fitzgerald, S. A., Leavell, D. M. 2018 *Fire FAQs - What is fire Severity?* (EM 9222, pp. 2). Corvallis, OR: Extension and Experiment Station Communications (EESC) <https://catalog.extension.oregonstate.edu/em9222>

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, vol. EM 9195, pp. 2). Corvallis, OR: Oregon State University Extension Service <https://catalog.extension.oregonstate.edu/em9195>

Grand, L., Bevis, K., Cafferata Coe, F., Cafferata Coe, F. 2017 *Amphibians in Managed Woodlands* (pp. 11). Oregon and Washington: The Woodland Fish and Wildlife Group http://woodlandfishandwildlife.com/wp-content/uploads/2017/11/2017_AmphibiansInManagedWoodlands.pdf

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>

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>

Other Publications – Not peer reviewed

a) Newspaper Articles

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>

Grand, L. 2019 *FORESTRY TALKS: If Old-Growth Isn't Just An Age, Then What Is It?* Springfield, OR: Free For All News. <http://www.freeforallnews.com/news/forestry-talks-if-old-growth-isn-t-just-an-age-then-what-is-it>

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

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

b) Extension Teaching Material

Bowers, S. C., Grand, L., Christiansen, A. C., Belart, F. 2017 *The Woodland Stick*.

Grand, L., Zobrist, K., Ketchenson, K. 2016 *Washington State Consulting Forester and Silvicultural Contractor Directory*. Pullman, WA: <http://forestry.wsu.edu/consultingdirectory/>

c) Trade/industrial journal articles

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>

d) Websites

Grand, L., Grotta, A. T. 2018 *Oregon Forest Management Planning Website*. oregonforestmanagementplanning.org

e) Extension Newsletter Article Contributions

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>

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>

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>

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>

Grand, L. 2019 *Everything, but predictable: Logs & Non-timber Forest Products – Prices & Trends*. Canopy View News. <http://blogs.oregonstate.edu/lanelogprices/2019/10/>

Grand, L. 2019 *Drones on Smaller Acreage Woodlands: An interview with Cory Garms*. Canopy View News.

Grand, L. 2019 *The Snowstorm Strikes Again! Log & Non-Timber Forest Product Prices & Trends*. Canopy View News. <http://blogs.oregonstate.edu/lanelogprices/2019/08/>

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>

Grand, L. 2019 *Spring has sprung, but log prices haven't: Logs and Non-timber Forest Products – Prices & Trends*. Canopy View News.
<http://blogs.oregonstate.edu/lanelogprices/2019/04/>

Grand, L. 2019 *Low Lumber, Pricey Polls: Logs and Non-timber Forest Products – Prices & Trends*. Canopy View News. <http://blogs.oregonstate.edu/lanelogprices/2019/01/>

Grand, L. 2018 *It was good while it lasted*. Canopy View News.
<http://blogs.oregonstate.edu/lanelogprices/2018/11/>

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>

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>

Grand, L. 2018 *What's the buzz on poles?* Canopy View News.
<http://blogs.oregonstate.edu/lanelogprices/2018/08/>

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>

Grand, L. 2018 *In Anticipation of Fire Season*. Canopy View News.
<http://blogs.oregonstate.edu/lanelogprices/2018/06/>

Betancourt, A., Dindinger, J., Bhakta, B., Grand, L. 2018 *We Are Listening: What Members Want from ANREP* (vol. spring 2018).
<http://www.anrep.org/resources/newsletters>

Grand, L. 2018 *Logs and Non-timber forest products - Prices & Trends* (pp. 3). Woodland Roots Newsletter <http://blogs.oregonstate.edu/lanelogprices/>

Grand, L. 2018 *Wildlife Cameras: a snapshot of what you need to know*. Woodland Roots Newsletter (pp. 4). <https://extension.oregonstate.edu/outdoors-environments/wildlife/wildlife-cameras-snapshot-what-you-need-know>

Grand, L. 2017 *Identifying and Managing for Laminated Root Rot* (pp. 2). Woodland Roots Newsletter

Grand, L. 2017 *Selling Trees: Start Planning Early* (4th ed., vol. 23). Oregon Small Woodlands Association <https://www.oswa.org/blog/wp-content/uploads/2013/03/Quarterly-Bark-2017.10.pdf>

Grand, L. 2017 *Reducing the Fire Risk to Your Western Oregon Home in the Woods* (pp. 3). Woodland Roots Newsletter

Grand, L. 2017 *Do you know the history of your property?* (pp. 3). Woodland Roots Newsletter

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>

Grand, L. 2017 *Ice Storm 2016 Managing the Damage*. Woodland Roots Newsletter

Grand, L. 2016 *Finding Frogs, Noticing Newts*. Woodland Roots Newsletter

Grand, L. 2016 *Fresh Cut vs Artificial Christmas Trees*. Woodland Roots Newsletter.

f) Newsletter Issues
Canopy View News

Alicia Christiansen and I each contribute half of the content, then Alicia compiles and format all of the information into a cohesive newsletter. I develop it into an online format. We both contributed articles we authored.

Christiansen, A. C., Grand, L. 2019 *Canopy View News*.
<https://extension.oregonstate.edu/sites/default/files/documents/9451/canopy-view-news-issue-5-winter-2019.pdf>

Christiansen, A. C., Grand, L. 2019 *Canopy View News*.
<https://extension.oregonstate.edu/sites/default/files/documents/9451/canopy-view-news-fall-2019-issue-4-email-only.pdf>

Christiansen, A. C., Grand, L. 2019 *Canopy View News*.
<https://extension.oregonstate.edu/sites/default/files/documents/11826/canopy-view-news-issue-3-summer-2019.pdf>

Christiansen, A. C., Grand, L. 2019 *Canopy View News*.
<https://extension.oregonstate.edu/sites/default/files/documents/9451/canopy-view-news-spring-2019-issue-2.pdf>

Christiansen, A. C., Grand, L. 2018 *Canopy View News*.
<https://extension.oregonstate.edu/sites/default/files/documents/8571/canopy-view-news-winter-2018-issue-1.pdf>

Woodland Roots

I compiled, formatted, and edited all of the content for this newsletter.

Grand, L. 2018 *Woodland Roots* (pp. 12).
<http://extension.oregonstate.edu/lane/forestry-newsletter-0>

Grand, L. 2018 *Woodland Roots* (pp. 12).
<http://extension.oregonstate.edu/lane/forestry-newsletter-0>

Grand, L. 2018 *Woodland Roots* (pp. 12).
<http://extension.oregonstate.edu/lane/forestry-newsletter-0>

Grand, L. 2017 *Woodland Roots* (pp. 12).
<http://extension.oregonstate.edu/lane/forestry-newsletter-0>

Grand, L. 2017 *Log Prices and Trends* (pp. 2). *Woodland Roots Newsletter*
<http://blogs.oregonstate.edu/lanelogprices/>

Grand, L. 2017 *Woodland Roots* (pp. 12).
<http://extension.oregonstate.edu/lane/forestry-newsletter-0>

Grand, L. 2017 *Woodland Roots* (pp. 12).
<http://extension.oregonstate.edu/lane/forestry-newsletter-0>

Grand, L. 2017 *Woodland Roots* (pp. 12).
<http://extension.oregonstate.edu/lane/forestry-newsletter-0>

Grand, L. 2016 *Woodland Roots* (pp. 12).
<http://extension.oregonstate.edu/lane/forestry-newsletter-0>

Grand, L. 2016 *Woodland Roots* (pp. 12).
<http://extension.oregonstate.edu/lane/forestry-newsletter-0>

2. Presentations

a) National presentations

Oral Presentation

Grand, L. - Author & Presenter, Society of American Foresters National Convention, "Habitat controls on Northern Red-legged Frogs in the Pacific Northwest," Portland, OR. (October 5, 2018).

Poster

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

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

b) Regional presentations

Oral Presentation

Grand, L. – Author & Presenter, Christiansen, A. C. – Author, Ketchenson, 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)

Grand, L. - Author, Hayes, M. - Author & Presenter, Wildlife Society and Partners for Amphibian and Reptile Conservation joint meeting, "Exploring habitat controls on Northern red-legged frog: implications for conservation on urbanizing landscapes in the PNW," Portland, OR. (February 14, 2018).

Grand, L. - Presenter, Society of Wetland Scientists Pacific Northwest Conference, "Identification Of Habitat Controls On Amphibian Populations: The Northern Red-Legged Frog In The Pacific Northwest," Boise, ID. (September 2012).

Panel

Grand, L. - Moderator, 2019 PNW SAF Forestry Leadership Conference, "Next Generation Leadership Panel: Hearing from emerging natural resource leaders," Troutdale, OR. (February 1, 2019).

Poster

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

Workshop

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).

c) Statewide presentations.

Oral Presentation

Grand, L. - Author & Presenter, Partners For Forestry Education, "Management Planning Website," Silverton, OR. (November 5, 2019).

Grand, L., - Author & Presenter, Meeting of the Partners for Forestry Education, "Oregon Management Planning Website Presentation," Silverton. (October 11, 2018).

Grand, L. - Author & Presenter, Oregon State University Extension Conference, "Selling Logs from your property Impacts," Oregon State University Extension Conference, Corvallis, OR. (December 6, 2017).

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

Poster

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

Peer Reviewed Workshop

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

3. List grant and contract support

a) Competitive Grants and Contracts

Years	Funder	Total Award	My Portion	My Role
July 1, 2019 - June 30, 2021	OSU Extension Service - Renewable Resources Extension Act - Promoting Knowledge and Stewardship of Forest Pollinator Resources among Small Woodland Owners	\$20,000.00	\$20,000.00	Supporting
January 1, 2020 – December 31, 2020	“Building the local forest sector workforce through technology and partnerships,” Sponsored by The international Paper Foundation	\$5,000.00	\$5,000.00	Principal
January 1, 2020 – December 31, 2020	“Building the local forest sector workforce through technology and partnerships,” Sponsored by The Friends of Paul Bunyan Foundation	\$5,000.00	\$5,000.00	Principal
January 1, 2019 - December 31, 2019	OSU Extension Service - Renewable Resources Extension Act - Developing and delivering a curriculum to help Oregon’s woodland owners make informed, goal oriented harvesting decisions	\$10,000.00	\$10,000.00	Co-Principal
August 15, 2019 - December 31, 2019	OSU Extension Professional Development Fund, Sponsored by Oregon State University	\$250.00	\$250.00	Principal
August 1, 2018 - July 30, 2019	University of Minnesota via USDA RREA-NFF - EmpowerU: Empowering Citizens to Engage Decision Makers	\$2,900.00	\$2,900.00	Principal
July 1, 2018 - June 30, 2019	OSU FNR Extension - Effective Forest Roads Training Curriculum and Delivery	\$6,600.00	\$6,600.00	Supporting
July 1, 2018 - June 30, 2019	Oregon Forest Resources Institute - Forest Wellness Checkup	\$2,900.00	\$2,900.00	Supporting
July 1, 2018 - June 30, 2019	OFRI - New Landowner Outreach Strategy	\$3,300.00	\$3,300.00	Supporting

June 1, 2018 - June 30, 2019	Oregon Forest Resource Institute - FNR Extension Fire Program: A statewide program that seeks to deliver comprehensive fire education and outreach based on sound science.	\$7,500.00	\$7,500.00	Supporting
June 15 th , 2019	"Forests for Engaged Learning," Sponsored by American Forest Foundation via Oregon Tree Farm System	\$5000.00	\$5000.00	Supporting
September 5, 2018 - December 31, 2018	OSU Extension Professional Development Fund, Sponsored by Oregon State University	\$250.00	\$250.00	Principal
January 1, 2018 - December 31, 2018	OSU Extension Service - Renewable Resources Extension Act - Developing and delivering a curriculum to help Oregon's woodland owners make informed, goal oriented harvesting decisions	\$10,000.00	\$10,000.00	Co-Principal
January 1, 2017 - July 30, 2018	Oregon Forest Resources Institute - OSU Forestry and Natural Resources Social Media Strategy	\$6,000.00	\$6,000.00	Supporting
April 2018	ANREP Conference Travel Scholarship," Sponsored by Association of Natural Resources Extension Professionals	\$250.00	\$250.00	Principal
November 21, 2016 - December 31, 2017	OSU Extension Association in partnership with the Dale & Alice Hoecker Family - Selling Logs From Your Property: An Educational Symposium for Landowners	\$1,000.00	\$1,000.00	Principal
TOTAL		\$85,950.00	\$81,300.00	

Contracts - \$2,900.00

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, Other University, \$2,900.00. (August 1, 2018 - July 30, 2019).

Scholarship - \$750.00

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

Grand, L., "OSU Extension Professional Development Fund," Sponsored by Oregon State University, 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, Other, \$250.00. (April 2018).

Grant - \$77,650.00

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, 2020).

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, 2020).

Grotta, A. T. (Principal), Grand, L., 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. (Co-Principal), Christiansen, A. C. (Co-Principal), "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, \$10,000.00. (January 1, 2019 - December 31, 2019).

Belart, F. (Co-Principal), Souder, J. (Co-Principal), Kline, N. (Supporting), Grand, L. (Supporting), Fitzgerald, S. (Supporting), Jones, A. (Supporting), Landgren, C. (Supporting), Grotta, A. (Supporting), Withrow-Robinson, B. (Supporting), "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., Shaw, D. C., Fitzgerald, S. A., Panches, J. W., Grand, L., 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., Ahrens, G. R., Fitzgerald, S. A., Christiansen, A. C., Kline, N. (Supporting), 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., 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).

Sahnow, S. (Principal), Grand, L. (Supporting), "Forests for Engaged Learning," Sponsored by American Forest Foundation via Oregon Tree Farm System, Private, \$5000.00; My share \$350.00. (June 15, 2019).

Grand, L. (Co-Principal), Christiansen, A. C. (Co-Principal), "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, \$10,000.00. (January 1, 2018 - December 31, 2018).

Strong, N. A., Grotta, A. T., Parker, R. T., Fitzgerald, S. A., Berger, C. A., Grand, L., 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).

c) Non-competitive Grants and Contracts

Years	Funder	Total Award	My Portion	My Role
January 2019 - June 30, 2019	"Characterizing native bee presence in regenerating western Oregon forests," Sponsored by Oregon Department of Forestry, State	\$2,600.00	\$2,600.00	Supporting
January 1, 2018 - July 31, 2018	Tree School Lane," Sponsored by Oregon Forest Resources Institute, Other Government	\$3,750.00	\$3,750.00	Principal
October 15, 2018 - December 31, 2018	Selling Logs From Your Property: An Educational Symposium for Landowners," Sponsored by Oregon Small Woodlands Association	\$500.00	\$500.00	Principal

May 2018 - June 2, 2018	"Tree School Lane," Sponsored by Lane County Small woodlands Association	\$150.00	\$150.00	Principal
May 2018 - June 2, 2018	"Tree School Lane," Sponsored by Saplings.	\$100.00	\$100.00	Principal
May 2018 - June 2, 2018	"Tree School Lane Support," Sponsored by OSWA.	\$500.00	\$500.00	Principal
October 2017 - December 2017	"Selling Logs From Your Property: An Educational Symposium for Landowners," Sponsored by Associated Oregon Loggers	\$500.00	\$500.00	Principal
October 1, 2017 - December 31, 2017	"Selling Logs From Your Property: An Educational Symposium for Landowners," Sponsored by Lane County Small Woodlands Association	\$1,500.00	\$1,500.00	Principal
September 1, 2016 - March 2017	"Landowner Outreach," Sponsored by Lane County Small Woodlands Association.	\$3,000.00	\$3,000.00	Principal
TOTAL		\$12,600.00	\$12,600.00	

Contract - \$6,350.00

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

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

Sponsorship - \$6250.00

Grand, L. (Co-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, Other Government, \$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 Support," Sponsored by OSWA, Other Government, \$500.00. (May 2018 - June 2, 2018).

Grand, L. (Principal), Belart, F. (Supporting), Christiansen, A. C. (Supporting), "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, Local, \$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).

4. List patent awards, cultivar releases, and inventions, with titles and dates.

none

5. List other information appropriate to one's discipline

Membership in Professional Societies

Oregon Women in Timber. (August 14, 2018 - Present).

Northwest Partners for Amphibian and Reptile Conservation. (January 2018 - Present).

Oregon Wildlife Society. (January 2018 - Present).

Oregon State University Extension Association. (September 19, 2016 - Present).

Epsilon Sigma Phi. (September 2016 - Present).

Oregon Small Woodlands Association. (April 4, 2016 - Present).

Association of Natural Resource Extension Professionals. (December 18, 2013 - Present).

Society of American Foresters. (December 18, 2013 - Present).

Professional development:

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

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

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

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.

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

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

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.

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

OSU Extension Conference. Conference Attendance, OSU Extension Service. (December 3, 2018 - December 6, 2017). Corvallis, Oregon, United States.

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

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.

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

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.

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

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

Research Currently in Progress

"Characterizing native bee presence in regenerating western Oregon forests". (January 2019 - Present).

Our applied research project aims to help fill in the knowledge gaps surrounding the role of managed conifer forests in supporting bee populations, while engaging and educating forest managers. We want to learn which native bees occupy recently cut areas, how their populations change as flowering plants re-establish on the sites, and whether enhancing the sites by seeding flowering forbs has any measurable benefits.

"Alternative Silviculture Options for Family Forest Owners: Variable Retention Harvesting". (May 17, 2017 - Present).

Project Description: Develop educational resources on alternative silviculture methods. Specifically, we will 1) develop a series of continuous inventory plots on the forest to measure forest response to management. 2) develop and publish a case study of an alternative silviculture method – variable retention harvesting - in various stages of development in Western Oregon Douglas-fir forest; 3) develop and deliver a series of workshops/classes on inventory, forest growth and development, variable retention harvesting. This project builds on some earlier efforts in developing and publishing alternative silviculture case studies around Oregon.

Media attention

Television

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

Local Tree response to drought conditions. (September 20, 2019).
interview with kval local tv news reporter on why trees are dying in Lane County and
what people can do about it.

Newspaper

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

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. Lauren 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

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

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.

D. SERVICE

1) Institutional Service

a. Service to the Department

(2017 - Present), Committee Member, Forestry Extension Website Content Team.

Has multiple meetings to evaluate and organize existing program content and is working with the website team to get it onto the new extension web presence. Reviews forestry content periodically for accuracy and to make sure everything is up to date.

(2016 - Present), Committee Member, FNR Extension Digital Strategy Team.

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

(2017 - 2019), Committee Member, Management Planning Website Update.

The committee has updated the management planning guidelines and template, have purchased a domain for the website update, and maintains the management planning website for the public to use for information.

b. Service to the College

(2019 - Present), Committee Member, Starker Lecture Workshop Series Planning Committee.

c. Service to the University

(2019 - Present), ANREP Representative, OSU Extension Association.

Yearly awards, plans and administers the extension annual conference.

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

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

(2017 - 2018), Committee Member, OS2 search committee.

The committee has reviewed 51 applications and has invited 11 of those applicants to answer a supplemental question before inviting the top candidates for interviews.

(2017), Committee Chair, OS1 Search Committee.

The committee reviewed 44 applications and interviewed 6 candidates for the position. The best qualified applicant was selected and accepted the position.

2) Service to the Profession

Chairperson

Chairperson, Association of Natural Resource Extension Professionals/Awards Committee. (January 1, 2018 - Present).

The committee, consisting of about 25 volunteers, reviews and disseminates 23 awards each year.

Member

Member, OFRI Wildlife in Managed Forests Steering Committee, OR. (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,

Member, Woodland Fish and Wildlife Group. (March 2019 - Present). Maintains a website that houses the 23 publications written by the group.
<https://woodlandfishandwildlife.com/>

Member, 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.

Officer, Other Officer

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.

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

Western Regional Representative, Association of Natural Resource Extension Professionals. (January 1, 2018 - Present). ANREP is a national association for Cooperative Extension Service (CES) professionals working in environmental education, fisheries, forestry, wood sciences, range, recreation, waste management, water, wildlife, energy and related disciplines. Members are active and retired CES employees at the county, area, state, or national level.

Reviewer, Book

Reviewer, Book, Society of American Foresters. (May 25, 2018 - July 5, 2018). The book was on a Foresters account of restoration the book is still in in press.

Reviewer, Curriculum chapter

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

3. Service to the Public – Professionally-related

Board Member, Ex-officio, Oregon Community Trees, OR. (December 7, 2018 - Present).

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

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

Board Member, Oregon Tree Farm System, Eugene, OR. (October 21, 2017 - Present). I train new inspectors for reviewing properties for sustainability certification.

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

Assistant membership chair, Lane County Small Woodlands Association, Eugene, Oregon. (April 4, 2016 – December 31, 2018). Helped to maintain and increase membership into the association.

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

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

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

Task Force Chair, Sustainable Community Steward, Everett, WA. (February 2014 - April 2016).

Member, Woodland Park Zoo Amphibian Monitoring Program, Seattle, WA. (January 2012 - March 2016).

(2004 - 2007), UC Berkeley Project SMILE, Berkeley, CA.

E. AWARDS

1. National and International Awards

April 24th, 2019, Outstanding Team Achievement Award, ANREP, For Tree School Oregon.

Recipients include, Glenn Ahrens, Alicia Christiansen, Nicole Strong, Daniel Leavell, John Panches, Lauren Grand, Max Bennett and Michael Bondi, Oregon State University

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>

2. State and Regional Awards

None

3. University and Community Awards

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