



Linda Chalker-Scott

Urban Horticulture Extension Specialist and Professor
 Department of Horticulture
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WASHINGTON STATE UNIVERSITY APPOINTMENT INFORMATION

Appointment: 100% Extension (E-4)
 Date of Present Rank: April 2021 (Professor; Tenured)

PROGRAM MISSION AND MANAGEMENT

The mission of my Urban Horticulture Extension Program is to research, synthesize, and distribute information needed to increase public awareness and application of appropriate horticultural practices for the sustainable management of arboreta, urban forests and other public greenspaces, restoration sites, and home landscapes and gardens. The mission of my UHEP is realized through the integrated management of state, national, and international programs, briefly described below.

- 2011 – present:** Creator and manager of *The Garden Professors* Facebook page (<https://www.facebook.com/TheGardenProfessors/>) and group (<https://www.facebook.com/groups/GardenProfessors/>), two science-based social media sites. With help from a team of 10 volunteer administrators, we have over 4 million visits annually to our Facebook page and a membership of over 24,000 in our Facebook group.
- 2011 – present:** WSU Garden Team leader, responsible for updating, creating, and reviewing new Extension publications and blog posts for the *Gardening in Washington State* website (<http://gardening.wsu.edu>) for use by WSU Master Gardeners, home gardeners, and landscape professionals.
- 2009 – present:** Co-creator and current manager of *The Garden Professors blog* (www.gardenprofessors.com), an international, science-based blog with visitors from 199 countries.
- 2004 – present:** Creator and manager of *The Informed Gardener* website (www.informedgardener.com), which serves as a repository of science-based white papers, case studies, podcasts, and other curated materials.
- 2013 – 2015:** Co-lead (with three other faculty at different universities of *The Garden Professors* eXtension Community of Practice, who provide the latest research-based information on managing gardens and landscapes to a national audience. (This program was discontinued after WSU declined to renew university membership in national eXtension and I was no longer able to manage the program.)
- 2006-2008:** WSU Master Gardener Program Curriculum Director, responsible for development, revision, and delivery of curricula to WSU Master Gardeners.

EDUCATION

OREGON STATE UNIVERSITY

- 1989** Doctor of Philosophy - Plant Physiology, Department of Horticulture, College of Agriculture. Minors in Botany (Department of Botany and Plant Pathology) and Biochemistry (Department of Biochemistry), College of Science, Corvallis, Oregon
- 1981** Master of Science - Marine Photobiology, Department of General Science, College of Science, Corvallis, Oregon
- 1978** Bachelor of Science - Biological Sciences, Department of General Science, College of Science, Corvallis, Oregon

CERTIFICATES AND LICENSES

- 2001-present** Certified Arborist, International Society of Arboriculture (ISA)
- 2014-present** Consulting Arborist, American Society of Consulting Arborists

EMPLOYMENT

UNIVERSITY

- 2021-Present** Extension Urban Horticulture Specialist and Professor, Department of Horticulture, Washington State University
- 2004-2021** Extension Urban Horticulture Specialist and Associate Professor, Department of Horticulture, Washington State University
- 1997-2004** Associate Professor, Center for Urban Horticulture, Division of Ecosystem Sciences, College of Forest Resources, University of Washington, Seattle, Washington
- 1995-1997** Associate Professor, Department of Biology, College of Natural and Social Sciences, SUNY College at Buffalo, Buffalo, New York
- 1989-1995** Assistant Professor, Department of Biology, College of Natural and Social Sciences, SUNY College at Buffalo, Buffalo, New York
- 1988-1989** Research Associate in Forest Products, College of Forestry, Oregon State University, Corvallis, Oregon
- 1987-1988** Teaching Assistant, Department of General Science, College of Science, Oregon State University, Corvallis, Oregon
- 1983-1987** Research Assistant, Department of Horticulture, College of Agriculture, Oregon State University, Corvallis, Oregon
- 1981-1983** Departmental Associate, Department of Biology, Reed College, Portland, Oregon
- 1980-1981** Instructor, Department of Biology, Lane Community College, Eugene, Oregon

OTHER

- 2020-present** Editor, *Western Arborist* magazine, Western Chapter of the ISA, Porterville, California

UNIVERSITY AFFILIATIONS

- 2004-present** Affiliate Associate Professor, (1) Department of Landscape Architecture, College of Architecture, (2) Center for Urban Horticulture, College of the Environment, University of Washington.

AWARDS, HONORS, AND FELLOWSHIPS

- 2020** Finalist for WSU Faculty Excellence in Extension award
- 2020** Award of Excellence in Gardening and Gardens (for *Gardening with Native Plants of the PNW*), Council on Botanical and Horticultural Libraries
- 2020** R.W. Harris Author's Citation Award, ISA Awards of Distinction
- 2020** National award for bound book (for *Gardening with Native Plants of the PNW*), National Association of County Agricultural Agents (NACAA)
- 2020** Western region award for audio recording, NACAA
- 2020** Western region award for featured story, NACAA
- 2020** Western region award for website, NACAA
- 2020** R.W. Harris Award for Excellence in Education (2019), Western Chapter of the ISA
- 2020** GardenComm Gold Award for Writing (Technical/Reference Book - for *Gardening with Native Plants of the PNW*), Garden Writers Association (GWA)
- 2019** Distinguished Service Award, Washington State, NACAA
- 2019** Named "Literary Lion" by the King County Library System Foundation (<https://static1.squarespace.com/static/5b0323f94cde7a39978047c6/t/5ced7c66ee6eb0146da1097a/1559067755053/2019+KCLS+Spring+Newsletter+WEB.PDF>)
- 2019** Appointed to the Board of Advisors, Arboriculture Studies of Hong Kong
- 2019, 2018** Nominated for Alex L. Shigo Award for Excellence in Education, ISA
- 2019, 2017** Nominated for WSU Women of Distinction award
- 2018** Invited membership to Renaissance Weekend as one of several "innovative leaders who have made significant contributions in their fields." <https://www.renaissanceweekend.org/>
- 2018** Invited presenter for *The Great Courses* "The Science of Gardening" series: <https://www.thegreatcourses.com/courses/the-science-of-gardening.html>
- 2018** Nominated for American Horticultural Society teaching award
- 2017** Nominated for Excellence in Landscape Horticulture Award, NACAA
- 2017** Cynthia Westcott Scientific Writing Award (first awardee), GWA
- 2016** National award for bound book (for *How Plants Work*), NACAA
- 2016** Western region award for website, NACAA
- 2016** Best book award (for *How Plants Work*), American Horticultural Society
- 2015** Nominated for CAHNRS Interdisciplinary Team Award (for the Garden Team), WSU
- 2015** Western region award for learning module, NACAA
- 2015** Western region award for website, NACAA
- 2009** Best Book Writing Award (for *The Informed Gardener*), GWA
- 2009** Silver Award of Achievement (for *The Informed Gardener*), GWA
- 2008** Nominated for Scott Medal and Award, Scott Arboretum, Swarthmore College

- 2006** Award of appreciation, American Society for Photobiology
- 2004** Honorable mention, Environmental Education Association of Washington
- 2003** Sabbatic leave, College of Forest Resources, University of Washington (UW)
- 2003** Earth Hero at School, King County Earth Legacy Initiative, Seattle, WA
- 2002** Washington State Nursery and Landscape Association (WSNLA) Educator of the Year

- 2002** Research poster award (Taryn Bauerle, co-author), ISA Conference, Seattle, WA
- 1999** Nominated for University Distinguished Teaching Award, UW
- 1999** Invited participant, UW Institute for Teaching Excellence
- 1998** Sabbatic Leave Award, SUNY College at Buffalo (SUCB) (not taken)
- 1996** Nominated for Chancellor's Award for Excellence in Teaching, SUCB
- 1994** President's Award for Excellence in Academic Advisement, SUCB
- 1994** Nuala Drescher Affirmative Action Leave Award, SUCB
- 1990** Outstanding Research Publication Award, American Society for Horticultural Science (ASHS)
- 1989** National Award in Organismic Biology, AAAS Conference, San Francisco
- 1988** Robert I. Larus Award, Pacific Division, AAAS
- 1988** First place award, Western Region of the ASHS
- 1988** Second place award, Sigma Xi poster session, Oregon State University (OSU) Chapter
- 1987-88, 1985-86** Menke Scholarship, OSU
- 1985-1986** Oregon Association of Nurserymen Award Scholarship
- 1986** Gamma Sigma Delta, Agriculture Graduate Student Honor Society, OSU
- 1980** Phi Kappa Phi, National Honor Society, OSU
- 1980** Sigma Xi, National Research Honorary, OSU
- 1979** Sigma Xi Grant-in-Aid of Research, OSU
- 1978** Phi Sigma, National Biological Research Honorary, OSU

IMPACT H-INDICES

Google Scholar: 19

ResearchGate: 17

Web of Science: 10

Rubric: (1) Developed initial idea; (2) Obtained or provided funding or other resources; (3) Collected data; (4) Analyzed data; (5) Wrote/Created product; (6) Edited product. (*) Corresponding author; (+) directly supervised student, post-doc, technician. Citation number since publication date.

SUMMARY – 24 JOURNAL ARTICLES SINCE 1989

PEER REVIEWED – PUBLISHED

Chalker-Scott,* L., and A.J. Downer. 2021. Myth busting for Extension educators: reviewing the literature on pruning woody plants. *Journal of the NACAA* 14(2). <https://www.nacaa.com/journal/013d802c-fdab-479a-9fd5-20064d80f465>. (1,2,3,4,5,6)

Chalker-Scott,* L., and A.J. Downer. 2020. Soil myth busting for Extension educators: reviewing the literature on soil nutrition. *Journal of the NACAA* 13(2). <https://www.nacaa.com/journal/b295275c-e93b-4a92-804d-c4db0301352d>. (1,2,3,4,5,6)

Chalker-Scott,* L., and A.J. Downer. 2019. Soil myth busting for Extension educators: reviewing the literature on soil structure and functionality. *Journal of the NACAA* 12(2). <https://www.nacaa.com/journal/e359e03b-7c25-4c70-acd7-e9b10ced9205>. (1,2,3,4,5,6)

Shahzad, K., A.I. Bary, D.P. Collins, **L. Chalker-Scott**, M. Abid, H.Y. Sintim, and M. Flury. 2019. Carbon dioxide and oxygen exchange at the soil-atmosphere boundary as affected by various mulch materials. *Soil & Tillage Research* 194. <https://doi.org/10.1016/j.still.2019.104335>. (1,2,6) Citations: 7

Chalker-Scott*, L., and A.J. Downer. 2018. Garden myth busting for Extension educators: reviewing the literature on landscape trees. *Journal of the NACAA* 11(2). <https://www.nacaa.com/journal/42c536ba-aa7d-4d18-ab67-0323a7173849>. (1,2,3,4,5,6)

Chalker-Scott*, L., and C.H. Daniels. 2017. Improving the scientific literacy of university volunteers who work with adult audiences. *Journal of the NACAA* 10(2). <https://www.nacaa.com/journal/index.php?jid=770>. (1,2,3,4,5,6)

Daniels, C.H., **L. Chalker-Scott**, and N. Martini. 2016. Uncovering transdisciplinary team project outcomes through ripple effects mapping. *Journal of Extension*. <https://joe.org/joe/2016october/tt1.php>. (1,3,4,6) Citations: 2

Chalker-Scott*, L., C.H. Daniels, and N. Martini. 2016. Creating teams increases Extension educator productivity. *Journal of Extension*. http://www.joe.org/joe/2016june/pdf/JOE_v54_3iw1.pdf. (1,2,3,4,5,6)

Chalker-Scott*, L. 2015. Nonnative, noninvasive woody species can enhance urban landscape biodiversity. *Arboriculture and Urban Forestry* 41(4):173-186. (1,2,3,4,5,6) Citations: 36

Chalker-Scott*, L. 2013. The science behind biodynamic preparations: A literature review. *HortTechnology* 23(6):814-819. (1,2,3,4,5,6) Citations: 35

Gillman, J., **L. Chalker-Scott**, H. Scoggins, and B. Cregg. 2011. A successful multi-institutional blog for transferring garden and landscape information to the public. *Journal of Extension*. <http://www.joe.org/joe/2011december/iw3.php>. (2,5,6) Citations: 1

Chalker-Scott*, L. and R. Tinnemore. 2009. Is community-based sustainability education sustainable? *Journal of Cleaner Production* 17:1132–1137. (1,2,3,4,5,6) Citations: 32

Chalker-Scott*, L. 2007. Impact of mulches on landscape plants and the environment – a review. *Journal of Environmental Horticulture* 25(4):239-249. (1,2,3,4,5,6) Citations: 289

- Chalker-Scott*, L.**, and S.J. Collman. 2006. Washington State's Master Gardener program: Thirty years of leadership in university-sponsored, volunteer-coordinated, sustainable community horticulture. *Journal of Cleaner Production* 14:988-993. (1,2,3,4,5,6) Citations: 26
- Krizek, D.T., and **L. Chalker-Scott**. 2005. Ultraviolet radiation and terrestrial ecosystems: Introduction to Symposium-in-Print. *Photochemistry and Photobiology* 81:1021-1025. (1,3,4,5,6) Citations: 14
- Cahill⁺, A., **L. Chalker-Scott***, and K. Ewing. 2005. Wood-chip mulch improves plant survival and establishment at no-maintenance restoration site (Washington). *Ecological Restoration* 23:212-213. (1,5,6) Citations: 24
- Chalker-Scott*, L.**, and J.D. Scott. 2004. Elevated ultraviolet-B radiation induces cross-protection to cold in leaves of *Rhododendron* under field conditions. *Photochemistry and Photobiology* 79:199-204. (1,2,3,4,5,6) Citations: 61
- Chalker-Scott, L.** 2002. Do anthocyanins function as osmoregulators in leaf tissues? *Advances in Botanical Research* 37:103-127. (1,2,3,4,5,6) Citations: 212
- Chalker-Scott*, L.** 1999. Environmental significance of anthocyanins in plant stress responses. *Photochemistry and Photobiology* 70:1-9. **Invited review** (1,2,3,4,5,6) Citations: 1748
- Scott, J.D., **L. Chalker-Scott***, A.E. Foreman⁺, and M. D'Angelo. 1999. *Daphnia pulex* fed UVB-irradiated *Chlamydomonas reinhardtii* show decreased survival and fecundity. *Photochemistry and Photobiology* 70:308-313. (1,2,5,6) Citations: 44
- Chalker-Scott*, L.** 1995. Survival and sex ratios of the marine copepod, *Tigriopus californicus*, following ultraviolet-B (290-320 nm) radiation exposure. *Marine Biology* 123:799-804. (1,3,4,5,6) Citations: 83
- Dunning⁺, C.A., **L. Chalker-Scott***, and J.D. Scott. 1994. Exposure to ultraviolet-B radiation increases cold hardiness in *Rhododendron*. *Physiologia Plantarum* 92:516-520. (1,2,5,6) Citations: 54
- Chalker-Scott*, L.** 1992. Disruption of an ice-nucleation barrier in cold hardy *Azalea* buds by sublethal heat stress. *Annals of Botany* 70:409-418. (1,3,4,5,6) Citations: 36
- Chalker-Scott*, L.**, L.H. Fuchigami, and R.M. Harber. 1989. Spectrophotometric measurement of leached phenolic compounds as an indicator of freeze damage. *Journal of the American Society for Horticultural Science* 114:315-319. **1990 Outstanding Research Publication Award, ASHS** (1,3,4,5,6) Citations: 58

PUBLICATIONS – BOOKS AND BOOK CHAPTERS

Rubric: (1) Developed initial idea; (2) Obtained or provided funding or other resources; (3) Collected data; (4) Analyzed data; (5) Wrote/Created product; (6) Edited product. (+) Directly supervised student, post-doc, technician. Citation number since publication date.

SUMMARY – 23 BOOKS AND BOOK CHAPTERS SINCE 1989

PEER REVIEWED – PUBLISHED BOOKS

Kruckeberg, A., and **L. Chalker-Scott**. 2019. *Gardening with Native Plants of the Pacific Northwest*, 3rd edition, University of Washington Press, Seattle, WA. **Award of Excellence in Gardening and Gardens**, Council on Botanical and Horticultural Libraries; **National Book Award**, NACAA; **GardenComm Gold Award for Writing (Technical/Reference Book)**, GWA (1,3,4,5,6) Citations: 93

Chalker-Scott, L. 2010. *The Informed Gardener Blooms Again*. University of Washington Press, Seattle, WA. (1,2,3,4,5,6) Citations: 5

Chalker-Scott, L. (ed.) 2009. *Sustainable Landscapes and Gardens: good science – practical application*. GFG Publishing, Yakima, WA. (1,2,3,4,5,6) Citations: 6

Chalker-Scott, L. 2008. *The Informed Gardener*. University of Washington Press, Seattle, WA. **Best Book Writing Award from GWA**. (1,3,4,5,6) Citations: 8

PEER REVIEWED – PUBLISHED CHAPTERS

Chalker-Scott, L. 2011. Getting out of the field and into the forest: sustainable management practices for campus landscapes and other urban sites, pp. 127-143. In: R.V. Nata (ed.), *Progress in Education*, Vol. 21. Nova Science Publishers, NY. (1,3,4,5,6)

Antonelli, A., **L. Chalker-Scott**, C. Foss, and J. Glass. 2009. Diagnosing plant stress – living and non-living causes, pp. 17(1-23). In: L. Chalker-Scott (ed.) *Sustainable Landscapes and Gardens: good science – practical application*. Good Fruit Grower (GFG) Publishing, Yakima, WA. (1,2,3,4,5,6)

Cahill, A., **L. Chalker-Scott**, and K. Ewing. 2009. Plant propagation – techniques and nurseries, pp. 10(1-23). In: L. Chalker-Scott (ed.) *Sustainable Landscapes and Gardens: good science – practical application*. GFG Publishing, Yakima, WA. (1,2,3,4,5,6)

Chalker-Scott, L. 2009. Basic plant science – structures and functions, pp. 4(1-13). In: L. Chalker-Scott (ed.) *Sustainable Landscapes and Gardens: good science – practical application*. GFG Publishing, Yakima, WA. (1,2,3,4,5,6)

Chalker-Scott, L. 2009. Installation and aftercare - permanent landscapes, pp. 12(1-11). In: L. Chalker-Scott (ed.) *Sustainable Landscapes and Gardens: good science – practical application*. GFG Publishing, Yakima, WA. (1,2,3,4,5,6)

Chalker-Scott, L. 2009. Plant choices – natives or introductions?, pp. 8(1-9) In: L. Chalker-Scott (ed.) *Sustainable Landscapes and Gardens: good science – practical application*. GFG Publishing, Yakima, WA. (1,2,3,4,5,6)

Chalker-Scott, L. 2009. Scientific literacy – becoming a citizen scientist, pp. 2(1-7). In: L. Chalker-Scott (ed.) *Sustainable Landscapes and Gardens: good science – practical application*. GFG Publishing, Yakima, WA. (1,2,3,4,5,6)

Chalker-Scott, L. 2009. The lay of the land - site assessment and preparation, pp. 7(1-7). In: L. Chalker-Scott (ed.) *Sustainable Landscapes and Gardens: good science – practical application*. GFG Publishing, Yakima, WA. (1,2,3,4,5,6)

Chalker-Scott, L. and R. Hummel. 2009. Selecting quality plants – better long-term value and satisfaction, pp. 11(1-8). In: L. Chalker-Scott (ed.) *Sustainable Landscapes and Gardens: good science – practical application*. GFG Publishing, Yakima, WA. (1,2,3,4,5,6)

Chalker-Scott, L. and D. Pehling. 2009. Managing vertebrates – in the garden and landscape, pp.21(1-17). In: L. Chalker-Scott (ed.) *Sustainable Landscapes and Gardens: good science – practical application*. GFG Publishing, Yakima, WA. **(1,2,3,4,5,6)**

Chalker-Scott, L., R. Tinnemore and C. Turnbull. 2009. Sustainable pruning – woody landscape plants, pp. 15(1-13). In: L. Chalker-Scott (ed.) *Sustainable Landscapes and Gardens: good science – practical application*. GFG Publishing, Yakima, WA. **(1,2,3,4,5,6)**

Cahill⁺, A., and **L. Chalker-Scott**. 2002. Sustainable community landscapes, pp. 363-377. In: W. Leal Filho (ed.) *Teaching Sustainability at Universities: Towards Curriculum Greening. Environmental Education, Communication and Sustainability*, Vol. 11, Peter Lang Verlag, NY. **(1,2,3,4,5,6)** Citations: 6

Chalker-Scott, L., and A. Cahill⁺. 2001. Plant responses to natural and enhanced UV environments, pp. 231-250. In: T.P. Coohill and D.P. Valenzano (eds.), *Photobiology for the 21st Century*, Valdenmar Publishing Co., Overland Park, KS. **(1,2,3,4,5,6)**

Reichard, S., **L. Chalker-Scott**, and S. Buchanan. 2001. Interactions among non-native plants and birds, pp. 179-223. In: J. Marzluff, R.A. Bowman, and R. Donnelly (eds.), *Avian Ecology and Conservation in an Urbanizing World*, Kluwer Academic Publishers, Boston, MA. **(1,2,3,4,5,6)** Citations: 99

Wright, D.A., J.A. Magee, E.M. Setzler-Hamilton, **L. Chalker-Scott**, and G.L. Morgan. 1997. Use of high energy monochromatic UV light to kill dreissenid larvae, pp. 467-475. In: F.M. D'Itri, (ed.), *Zebra Mussels and Aquatic Nuisance Species*, Ann Arbor Press Inc., Chelsea, MI. **(1,6)**

Chalker-Scott, L., and L.H. Fuchigami. 1989. The role of phenolic compounds in plant stress responses, pp. 67-79. In: P.H. Li (ed.), *Low Temperature Stress Physiology in Crops*, CRC Press Inc., Florida. **(1,2,3,4,5,6)** Citations: 121

Chalker-Scott, L., and R.L. Kraemer. 1989. Microscopic studies of tannin formation and distribution in plant tissues, pp. 345-368. In: R.W. Hemingway and J.J. Karchesy (eds.), *Chemistry and Significance of Condensed Tannins*, Plenum Press, Inc. **(1,2,3,4,5,6)** Citations: 48

Karchesy, J.J., Y.S. Bae, **L. Chalker-Scott**, and R.F. Helm. 1989. Chromatography of proanthocyanidins, pp. 139-151. In: R.W. Hemingway and J.J. Karchesy (eds.), *Chemistry and Significance of Condensed Tannins*, Plenum Press, Inc. **(3,4,6)** Citations: 40

INVITED – PUBLISHED BOOK

Chalker-Scott, L. 2015. *How Plants Work: The Science Behind the Amazing Things Plants Do*. Timber Press, Portland, OR. **National Book Award from NACAA and the American Horticultural Society**. Citations: 5

PUBLICATIONS – EXTENSION

Rubric: (1) Developed initial idea; (2) Obtained or provided funding or other resources; (3) Collected data; (4) Analyzed data; (5) Wrote/Created product; (6) Edited product. (+) Directly supervised student, post-doc, technician. Citation number since publication date

SUMMARY – 31 EXTENSION PUBLICATIONS SINCE 2012

PEER REVIEWED – PUBLISHED

- Chalker-Scott, L.** 2021. Using coffee grounds in gardens and landscapes (revision). *WSU Extension Fact Sheet FS207E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2021. Rubber mulch use in home landscapes (revision). *WSU Extension Fact Sheet FS163E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2021. Why do leaves turn red (revision)? *WSU Extension Fact Sheet FS209E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2021. Dust mulch efficacy in gardens and landscapes (revision). *WSU Extension Fact Sheet FS167E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2021. Growing rhubarb in home gardens. *WSU Extension Fact Sheet F360E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2020. Protecting water resources: planting and caring for home wetlands (revision). *WSU Extension Fact Sheet FS091E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2019. Snow dwarf primrose in the landscape. *Native Plants for the Intermountain West*, WERA1013 http://www.wyoextension.org/westernnativeplants/plantlist_view.php?id=98&name=douglasianivalis. (1,3,4,5,6)
- Chalker-Scott, L.** 2019. Columbia desert parsley for the landscape. *Native Plants in the Intermountain West*, WERA1013 http://www.wyoextension.org/westernnativeplants/plantlist_view.php?id=97&name=lomatiumcolumbianum. (1,3,4,5,6)
- Chalker-Scott, L.** 2019. The efficacy and environmental consequences of kelp-based garden products. *WSU Fact Sheet FS3309E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2019. Using cereal straw bales in home gardens. *WSU Fact Sheet FS329E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2019. Cornmeal and corn gluten meal applications in gardens and landscapes. *WSU Fact Sheet FS326E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2019. Do black walnut trees have allelopathic effects on other plants? *WSU Fact Sheet FS325E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2018. How are hydrangea flower colors determined? *WSU Extension Fact Sheet FS309E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 2
- Chalker-Scott, L., and R. Guggenheim.** 2018. Epsom salt use in home gardens and landscapes. *WSU Fact Sheet FS308E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L., and R. Guggenheim.** 2018. Gypsum use in home gardens and landscapes. *WSU Fact Sheet FS307E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2018. Are native trees and shrubs better choices for wildlife in home landscapes? *WSU Extension Fact Sheet FS300E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.** 2017. Hügelkultur: What is it, and should it be used in home gardens? *WSU Extension Fact Sheet FS283E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 1
- Chalker-Scott, L.** 2017. Potential contaminants in residential rain barrel water. *WSU Extension Fact Sheet FS280E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 1

- Chalker-Scott, L.** 2017. A gardener's primer to mycorrhizae: understanding how they work and learning how to protect them. *WSU Extension Fact Sheet FS269E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.,** and M. Bush. 2017. Lady beetles: should we buy them for our gardens? *WSU Extension Fact Sheet FS268E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 1
- Chalker-Scott, L.** 2016. Why do leaves turn red? *WSU Extension Fact Sheet FS209E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 1
- Chalker-Scott, L.** 2016. Using coffee grounds in gardens and landscapes. *WSU Extension Fact Sheet FS207E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 4
- Chalker-Scott, L.,** and C.H. Daniels. 2016. Scientific literacy for the citizen scientist. *WSU Extension Manual EM100E*. Pullman, Washington, USA. (1,3,4,5,6)
- Chalker-Scott, L.,** and C.H. Daniels. 2015. Pesticide ingredient: horticultural oil. *WSU Extension Fact Sheet FS184E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 1
- Chalker-Scott, L.** 2015. Dust mulch efficacy in gardens and landscapes. *WSU Extension Fact Sheet FS167E*. (1,3,4,5,6) Citations: 1
- Chalker-Scott, L.,** M.A. Elliott, S. Collman, and A. Antonelli. 2015. Identifying, treating, and avoiding azalea and rhododendron problems. *WSU Extension Manual EM091E*. (1,3,4,5,6)
- Chalker-Scott, L.** 2015. Rubber mulch use in home landscapes. *WSU Extension Fact Sheet FS163E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 2
- Chalker-Scott, L.** 2015. Using arborist wood chips as a landscape mulch. *WSU Extension Fact Sheet FS160E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 7
- Chalker-Scott, L.** 2014. Biochar: a gardener's primer. *WSU Extension Fact Sheet FS147E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 10
- Calvert⁺, I., and **L. Chalker-Scott**. 2014. Organic fungicides for the home gardener. *WSU Extension Fact Sheet FS128E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 1
- Chalker-Scott, L.** 2012. Protecting water resources: planting and caring for home wetlands. *WSU Extension Fact Sheet FS091E*. Pullman, Washington, USA. (1,3,4,5,6) Citations: 1

PUBLICATIONS – CURRICULA

Rubric: (1) Developed initial idea; (2) Obtained or provided funding or other resources; (3) Collected data; (4) Analyzed data; (5) Wrote/Created product; (6) Edited product. (+) Directly supervised student, post-doc, technician. Citation number since publication date

Chalker-Scott, L. and C.H. Daniels. 2018. *Scientific Inquiry and Method: Becoming a Literate Citizen*. WSU Master Naturalist online module (peer-reviewed). (1,2,3,4,5,6)

PUBLICATIONS – WORKSHOP PROCEEDINGS (SCIENTIFIC CONFERENCES)

Rubric: (1) Developed initial idea; (2) Obtained or provided funding or other resources; (3) Collected data; (4) Analyzed data; (5) Wrote/Created product; (6) Edited product. (+) Directly supervised student, post-doc, technician. Citation number since publication date

Chalker-Scott, L., and S. Olmsted*. 2009. Iron deficiency in *Rhododendron* is due to excess soil phosphorus, pp. 356-367. In: G.W. Watson, L. Costello, B. Scharenbroch and E. Gilman (eds.), *The Landscape Below Ground III: Proceedings of an International Workshop on Tree Root Development in Urban Soils*. International Society of Arboriculture, The Morton Arboretum, Lisle, IL. (1,2,5,6)

Chalker-Scott, L., and T. Stout*. 2009. Bare-rooting containerized materials: a comparison of installation techniques, pp. 191-204. In: G.W. Watson, L. Costello, B. Scharenbroch and E. Gilman (eds.), *The Landscape Below Ground III: Proceedings of an International Workshop on Tree Root Development in Urban Soils*. International Society of Arboriculture, The Morton Arboretum, Lisle, IL. (1,2,5,6)

Chalker-Scott, L., and A. Cahill*. 2002. Sustainable community landscapes, pp. 63-75. In: H. Lotz-Sisifka and N. Hamer (eds.), *Proceedings from the 2002 Environmental Management for Sustainable Universities Conference*. Rhodes University, Grahamstown, South Africa. (1,2,3,4,5,6) Citations: 3

Chalker-Scott, L., J.D. Scott, J. Titus, and J. Scalia. 1994. Influence of wide-range ultraviolet radiation upon behavior and mortality of *Dreissena polymorpha*, pp. 161-177. In: *Proceedings from the Fourth International Zebra Mussel Conference*. Madison, Wisconsin. University of Wisconsin Sea Grant Institute. (1,2,3,4,5,6)

Chalker-Scott, L., J.D. Scott, R. Carnevale, and K. Smith. 1993. Comparison of acute and chronic mid-range ultraviolet radiation (280-320 nm) effects on adult zebra mussels, pp. 4:149-161. In: J.L. Tsou (ed.), *Proceedings from the Third International Zebra Mussel Conference*. Toronto, Ontario. Electric Power Research Institute. (1,2,3,4,5,6)

PUBLICATIONS – TECHNICAL REPORT

Rubric: (1) Developed initial idea; (2) Obtained or provided funding or other resources; (3) Collected data; (4) Analyzed data; (5) Wrote/Created product; (6) Edited product. (+) Directly supervised student, post-doc, technician. Citation number since publication date

Chalker-Scott, L. and J. Brickey*. 2004. Determination of the effects of anti-icer compounds upon the rare plant *Hackelia venusta*. *Research Project T1803, Task 47*, Washington State Department of Transportation. 44 pp. (2,5,6) Citations: 2

PUBLICATIONS – ABSTRACTS (SCIENTIFIC CONFERENCES)

Rubric: (1) Developed initial idea; (2) Obtained or provided funding or other resources; (3) Collected data; (4) Analyzed data; (5) Wrote/Created product; (6) Edited product. (+) Directly supervised student, post-doc, technician. Citation number since publication date

SUMMARY – 39 CONFERENCE ABSTRACTS SINCE 1986

Chalker-Scott, L. 2021. Landscape soil tests – getting the right tests and interpreting them correctly. ISA Conference online. <https://www.isa-arbor.com/Events/Annual-Conference/2021-Annual-Conference/Agenda> (Abs. - talk) (1,2,3,4,5,6)

Chalker-Scott, L., and A.J. Downer. 2021. Soil myth busting for Extension educators: soil nutrition. NACAA Conference Proceedings of the 106th Annual Meeting of the NACAA online. <https://www.nacaa.com/ampic/2021/2021%20Proceedings%20LR.pdf>, page 196. (Abs. - talk) (1,2,3,4,5,6)

Chalker-Scott, L. 2020. The return of arboriculture myths - the science behind what works, what doesn't, and why. ISA Conference online. <https://www.isa-arbor.com/Events/Annual-Conference/2020-Annual-Conference/Agenda> (Abs. - talk) (1,2,3,4,5,6)

Chalker-Scott, L., and A.J. Downer. 2020. Soil myth busting for Extension educators: soil structure and functionality. NACAA Conference Proceedings of the 105th Annual Meeting of the NACAA online. <https://www.nacaa.com/ampic/2020/2020%20Proceedings%20lr.pdf>, page 216. (Abs. - talk) (1,2,3,4,5,6)

Chalker-Scott, L. 2019. The unkindest cut: pruning myths. International Society of Arboriculture (ISA) Conference, Knoxville, TN. <https://eventmobi.com/isa2019/agenda/00000000-0000-0000-0000-4147454e4441/c2a631d5-7c68-43d3-b30d-6c9544e69c8e> (Abs. - talk) (1,2,3,4,5,6)

Chalker-Scott, L. 2019. Citizen science – improving critical thinking skills. National Association of County Agricultural Agents (NACAA) Conference, Fort Wayne, IN. Proceedings of the 104th Annual Meeting of the NACAA <https://www.nacaa.com/ampic/2019/2019%20Proceedings.pdf>, p. 223. (Abs. - talk) (1,2,3,4,5,6)

Chalker-Scott, L., and A.J. Downer. 2019. Garden myth busting for Extension educators. NACAA Conference, Fort Wayne, IN. Proceedings of the 104th Annual Meeting of the NACAA <https://www.nacaa.com/ampic/2019/2019%20Proceedings.pdf>, p. 206. (Abs. - talk) (1,2,3,4,5,6)

Downer, A.J., and **L. Chalker-Scott.** 2019. The effects of science-based social media on long-term behavioral changes in gardeners. ASHS Conference, Las Vegas, NV. HortScience 54(9)S147. (Abs. - talk) (1,2,3,6)

Chalker-Scott, L. 2019. Citizen science – improving critical thinking skills. American Society for Horticultural Science (ASHS) Conference, Las Vegas, NV. HortScience 54(9)S54. (Abs. - talk) (1,2,3,4,5,6)

Chalker-Scott, L. 2018. Fertilizers: the good, the bad, and the generally unnecessary. ISA Conference, Columbus, OH. <https://eventmobi.com/isa2018/agenda/306203/1517557> (Abs. - talk) (1,2,3,4,5,6)

Chalker-Scott, L. 2017. More arboriculture myths: what works, what doesn't, and why. ISA Conference, Washington DC. (Abs. - talk) (1,2,3,4,5,6)

Chalker-Scott, L. 2016. What does science say about pruning mature trees? ISA Conference, Ft. Worth, TX. (Abs. - talk) (1,2,3,4,5,6)

Chalker-Scott, L. 2015. Weed control and growth of Douglas fir (*Pseudotsuga menziesii*) are increased with deeper, coarser woodchip mulches. ISA Conference, Orlando, FL. <https://www.isa-arbor.com/events/>

- Chalker-Scott, L.** 2014. Organic pesticides: reviewing the science behind their efficacy. ISA Conference, Milwaukee, WI. <https://www.isa-arbor.com/events/conference/proceedings/2014/presentationDescription?ID=1205> (Abs. - talk) (1,2,3,4,5,6)
- Chalker-Scott, L., B. Cregg, and H. Scoggins.** 2013. The Garden Professors on all things arboricultural: choosing, installing, and maintaining landscape trees: what matters, what doesn't, and why. ISA Conference, Toronto, Ontario. <https://www.isa-arbor.com/events/conference/proceedings/2013/presentationDescription?ID=1052> (Abs. - talk) (1,2,3,4,5,6)
- Chalker-Scott, L.** 2013. Are native-species planting mandates good for biodiversity? ISA Conference, Toronto, Ontario. <https://www.isa-arbor.com/events/conference/proceedings/2013/presentationDescription?ID=886> (Abs. - talk) (1,2,3,4,5,6)
- Chalker-Scott, L.** 2012. Out on a limb: arboricultural myths. ISA Conference, Portland, OR. (Abs. - talk) (1,2,3,4,5,6)
- Chalker-Scott, L., B. Cregg, J. Gillman, and H. Scoggins.** 2011. The Garden Professors blog - bringing plant science and critical thought to the gardening blogosphere. Consumer Horticulture/Master Gardener Working Group - Workshop: "Social media - how can we use it to increase our effectiveness?" ASHS Conference, September 25-28, Waikoloa, HI. HortScience 46(9)S75. (Abs. - talk) (1,2,3,4,5,6)
- Bauerle⁺, T., and **L. Chalker-Scott.** 2002. Relative effectiveness of control mechanisms for juvenile English ivy (*Hedera helix*) as determined by environmental and physiological variables. ISA Conference, Seattle, Washington. (Abs. - talk) (1,2,5,6)
- Chalker-Scott, L., and J.D. Scott.** 2002. Digital Photobiology Compendium. American Society for Photobiology (ASP) Conference, Quebec City, Quebec. ASP 2002 Abstracts p.19 (Abs. - poster). (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. Do anthocyanins function as osmoregulators in leaf tissues? Botanical Society of America Conference, Albuquerque, NM. Botany 2001 Abstracts p.78 (Abs. - talk). Invited speaker (1,2,3,4,5,6)
- Bauerle⁺, T., and **L. Chalker-Scott.** 2001. Relative effectiveness of control mechanisms for juvenile English ivy (*Hedera helix*) as measured by leaf respiration and root-crown starch content. 98th International Conference of the ASHS, Sacramento, CA. HortScience 36:431 (Abs. - talk). (1,2,5,6)
- Bergendorf⁺, D., and **L. Chalker-Scott.** 2001. Soil bulk density and the health of the Pacific madrone. 98th International Conference of the ASHS, Sacramento, CA. HortScience 36:529 (Abs. - talk). (1,2,5,6)
- Chalker-Scott, L., J.D. Scott, and P. Fabiniak⁺.** 2000. Induction of cross-protection in plant tissues exposed to low temperature or UV-B radiation. 13th International Congress on Photobiology, San Francisco, CA. ICP 2000 Abstracts p.143 (Abs. - talk). (1,2,4,5,6)
- Salemi⁺, M.R., J.D. Scott, and **L. Chalker-Scott.** 1999. Seasonal characterization of the phenolic layer beneath floral buds of *Rhododendron* spp. 96th International Conference of the ASHS, Minneapolis, MN. HortScience 34:500 (Abs. - talk). (1,2,5,6)
- Reichard, S., **L. Chalker-Scott,** and S. Buchanan. 1999. Relationships between birds and non-native plants in urban and other areas. Special Symposium: Avian Conservation in an Urbanizing World, Cooper Ornithological Society Conference, Portland, OR. (Abs. - talk) (1,2,3,4,5,6)
- Chalker-Scott, L.** 1998. Ultraviolet-B radiation induces cold hardiness in field-tested *Rhododendron*. Photobiology School 3, ASP Conference, Snowbird, UT. Photochemistry and Photobiology S67:xxii. (Abs. - talk) (1,2,3,4,5,6)
- Chalker-Scott, L., and J.D. Scott.** 1998. Ultraviolet-B radiation induces cold hardiness in field-tested *Rhododendron*. ASP Conference, Snowbird, UT. Photochemistry and Photobiology S67:64-65 (Abs. - talk). (1,2,3,4,5,6)

- Foreman⁺, A.E., J.D. Scott, and **L. Chalker-Scott**. 1998. Population dynamics of *Daphnia pulex* fed ultraviolet-B irradiated *Chlamydomonas reinhardtii*. ASP Conference, Snowbird, UT. Photochemistry and Photobiology S67:37 (Abs. - talk). **(1,2,5,6)**
- Scott, J.D., **L. Chalker-Scott**, N. Richardson⁺, M. D'Angelo, and R. Carnevale⁺. 1995. Nutritional changes in ultraviolet-B irradiated *Chlamydomonas reinhardtii* as monitored by population dynamics in *Daphnia pulex*. ASP Conference, Washington, DC. Photochemistry and Photobiology S61:16 (Abs. - talk). **(1,2,5,6)**
Citations: 2
- Chalker-Scott, L.**, and J.D. Scott. 1994. Histochemical comparisons of UV-B and cold hardened *Rhododendron* leaves. American Society of Plant Physiologists Conference, Portland, OR. Plant Physiology S105:25 (Abs. - talk). **(1,2,3,4,5,6)**
- Dunning⁺, C.A., **L. Chalker-Scott**, and J.D. Scott. 1994. Exposure to ultraviolet-B radiation increases cold hardiness in *Rhododendron*. ASHS Conference, Corvallis, OR. HortScience 29:456 (Abs. - talk). **(1,2,5,6)**
- Chalker-Scott, L.**, J.D. Scott, and J. Titus. 1994. Brief exposure to ultraviolet radiation inhibits locomotion of veligers and juvenile *D. polymorpha*. 37th Annual Conference on Great Lakes Research (IAGLR/ERF), Windsor, Ontario. International Association of Great Lakes Research 1994:166 (Abs. - talk). **(1,2,3,4,5,6)** Citations: 5
- Chalker-Scott, L.**, J.D. Scott, C. Dunning⁺ and K. Smith. 1992. Influence of enhanced ultraviolet-B radiation (280-320 nm) on survival of zebra mussel (*Dreissena polymorpha*) larvae and adults. 35th Annual Conference, International Association of Great Lakes Research, Waterloo, Ontario. (Abs. - talk). **(1,2,3,4,5,6)**
- Chalker-Scott, L.**, J.D. Scott, C. Dunning and K. Smith. 1991. Effect of ultraviolet-B radiation (280-320 nm) on survivorship of zebra mussel (*Dreissena polymorpha*): a potential control strategy. Second International Zebra Mussel Research Conference, Rochester, NY. J. Shellfish Res. 1992; 11:221 (Abs. - talk). **Invited speaker (1,2,3,4,5,6)**
- Chalker-Scott, L.** and L.H. Fuchigami. 1989. Removal of the ice nucleation barrier in cold hardy *Azalea* flower buds by sublethal heat stress. Proceedings of the American Association for the Advancement of Science (AAAS), 88-30:189 (Abs. - poster). **National graduate student competition winner (1,3,4,5,6)**
- Chalker-Scott, L.** and L.H. Fuchigami. 1988. Removal of the ice nucleation barrier in cold hardy *Azalea* flower buds by sublethal heat stress. Proceedings of the Pacific Division of AAAS 7:24-25 (Abs. - poster). **Regional graduate student competition winner (1,3,4,5,6)**
- Chalker-Scott, L.**, L.H. Fuchigami and L.V. Gusta. 1987. Supercooling in *Azalea* flower buds: evidence for an ice growth barrier, American Society of Plant Physiologists Conference, St. Louis, MO. Plant Physiology S83:85 (Abs. - talk). **(1,3,4,5,6)**
- Scott, L.C.** and L. Fuchigami. 1986. Impact of freezing stress on the phenolic constituents of *Rhododendron* leaves, American Society for Horticultural Science Conference, Davis, CA. HortScience 21:166 (Abs. - talk). **(1,3,4,5,6)**

PUBLICATIONS – WHITE PAPERS, TRADE ARTICLES

Rubric: (1) Developed initial idea; (2) Obtained or provided funding or other resources; (3) Collected data; (4) Analyzed data; (5) Wrote/Created product; (6) Edited product. (+) Directly supervised student, post-doc, technician. Citation number since publication date

SUMMARY – 143 WHITE PAPERS AND TRADE ARTICLES (34 INVITED) SINCE 1994

- Chalker-Scott, L.** 2021. Green solutions for lawn care. *Fine Gardening* Sept/Oct:50-53. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2021. Do black walnut trees have allelopathic effects on other plants? *Western Arborist* 47(2):87-90. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2021. Take it all off! Maximizing planting success of trees and shrubs. *Western Arborist* 47(2):60-65. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2021. Protecting water resources: planting and caring for home wetlands. *Western Arborist* 47(1):64-70. **(1,2,3,4,5,6)**
- Chalker-Scott, L.,** and A.J. Downer. 2020. Garden myth busting for Extension educators: reviewing the literature on landscape trees. *Western Arborist* 46(4):53-61.
- Downer, A.J., B. Hagen, and **L. Chalker-Scott.** 2020. Botany for arborists: trees and sex. *Western Arborist* 46(2):20-22. **(5, 6)**
- Chalker-Scott, L.** 2020. Root washing is the best way to get your plant established. *Fine Gardening* 191:22-24. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2019. Using arborist wood chips as a landscape mulch. *Journal of the American Rhododendron Society* 73(3):140-143. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2015. Fall maintenance: fact or fiction? *Fine Gardening* 165:18, 20. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2015. Does red mulch help tomatoes? *Fine Gardening* 163:20. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2015. Do epiphytic orchids benefit from foliar fertilizers? *Journal of the International Phalaenopsis Alliance* 25:9-11. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2014. Is rubber mulch safe? *Mother Earth News* 266:74-76. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2014. Roots need water through autumn. *Fine Gardening* 159:24. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2014. Ollas might be more trouble than they are worth. *Fine Gardening* 159:20. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2014. Beat peat with these alternative amendments. *Fine Gardening* 157:20. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2014. Buying lady beetles is a bad idea. *Fine Gardening* 156:20. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2013. Drought stress. *Fine Gardening* 151:20-21. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2013. The scoop on biochar. *Fine Gardening* 149:25. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2012. It's natural for conifers to drop needles. *Fine Gardening* 148:23. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2012. What's wrong with my plant? *Fine Gardening* 146:24. **Invited article (1,2,3,4,5,6)**

- Chalker-Scott, L.** 2012. Mulch is the fix for compacted soil. *Fine Gardening* 144:26. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2012. What's the difference between hybrids and GMOs? *Fine Gardening* 143:21. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2011. What's wrong with my plant? *Fine Gardening* 142:23. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2011. What's wrong with my plant? *Fine Gardening* 140:24. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2011. Reconsider the "P" in N-P-K. *Fine Gardening* 140:22. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2011. What's wrong with my plant? *Fine Gardening* 139:28. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2011. What's wrong with my plant? *Fine Gardening* 138:28. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2011. What's wrong with my plant? *Fine Gardening* 137:77. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2010. Building a better tree. *Nursery Management & Production Magazine* August: 22, 24-25. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2010. Clinging to life: how rock garden plants survive nature's worst conditions. *MasterGardener Magazine* 4(1):14-16. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2010. Invasive ornamentals: making ethical choices. *MasterGardener Magazine* 4(1):20-22. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. Q and A. *MasterGardener Magazine Newsletter* online, November issue. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. Hazards of rubber mulch. *Fine Gardening* 129:26. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. Summer watering. *MasterGardener Magazine Newsletter* online, August issue. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. Sheet mulches. *MasterGardener Magazine Newsletter* online, June issue. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. Q and A. *MasterGardener Magazine* 3(2):6. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. The color conundrum. *MasterGardener Magazine* 3(2):32-35. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. Baking soda – will fungi fail and roses rejoice? *MasterGardener Magazine* 3(2):36-38. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. Q and A. *MasterGardener Magazine* 3(1):6. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. Capture and release of beneficial insects: a case study. *MasterGardener Magazine* 3(1):14. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. Mycorrhizae. *MasterGardener Magazine* 3(1):25-28. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2009. Coffee grounds – will they perk up plants? *MasterGardener Magazine* 3(1):40-41. **(1,2,3,4,5,6)** Citations: 5
- Chalker-Scott, L.** 2009. Are horticultural oils safe? *Fine Gardening* 125:30, 32. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Q and A. *MasterGardener Magazine* 2(4):6. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Horticultural oils. *MasterGardener Magazine* 2(4):25-28. **(1,2,3,4,5,6)**

- Chalker-Scott, L.** 2008. Q and A. *MasterGardener Magazine* 2(3):6. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Desert survival – how cacti and succulents thrive in hostile environments. *MasterGardener Magazine* 2(3):21-23. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Lifestyles of the green and succulent. *MasterGardener Magazine* 2(3):22-23. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Do xerophytic plants really use less water? *MasterGardener Magazine* 2(3):24. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Dust mulches. *MasterGardener Magazine* 2(3):47-49. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Foliar feeding. *Fine Gardening* 122:22. **Invited article (1,2,3,4,5,6)** Citations: 1
- Chalker-Scott, L.** 2008. Q and A. *MasterGardener Magazine* 2(2):6. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. A great tree, but a poor companion. *MasterGardener Magazine* 2(2):15-16. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Bt biopesticides. *MasterGardener Magazine* 2(2):33-38. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. First Bite column. *Good Fruit Grower* 59(4):6. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Q and A. *MasterGardener Magazine* 2(1):6. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Are recycled rubber products safe for the environment? *MasterGardener Magazine* 2(1):14-15. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Solutions for solid surface problems. *MasterGardener Magazine* 2(1):16. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Washington’s native orchids. *MasterGardener Magazine* 2(1):37-42. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2008. Three twisted tales of urban landscape management. *Indiana Nursery and Landscape Magazine* 68(1):28, 30. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2007. Error-free transplants: Maximizing planting success of trees and shrubs. *MasterGardener Magazine* 1(4):45-48. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2007. Super-absorbent water crystals – are they really so “super?” *MasterGardener Magazine* 1(4):35-38. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2007. Q and A. *MasterGardener Magazine* 1(4):6. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2007. Maackia, the perfect street tree. *MasterGardener Magazine* 1(3):13-15. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2007. Arborist wood chip mulches – landscape boon or bane? *MasterGardener Magazine* 1(3):21-23. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2007. Q and A. *MasterGardener Magazine* 1(3):7. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2007. The myth of Epsom salts. *MasterGardener Magazine* 1(2):17-19. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2007. Biological control: Nature as a pest manager. *American Nurseryman* 205(6):28-30, 32. **Invited article (1,2,3,4,5,6)**
- Chalker-Scott, L.** 2007. Compost tea: examining the science behind the claims. *MasterGardener Magazine* 1(1):8-10. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2006. The myth of vibrating vehicles. *Washington State Nursery and Landscape Association (WSNLA) B&B* 58 (11):10-11. **(1,2,3,4,5,6)**
- Chalker-Scott, L.** 2006. The myth of seaweed extracts. *WSNLA B&B* 58 (7):10-11. **(1,2,3,4,5,6)**

- Chalker-Scott, L.** 2006. The myth of compost tea, episode III. *WSNLA B&B* 58(4):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2006. Are botanical insecticides safer than synthetics? *American Nurseryman* 203(4):10. *Invited article* (1,2,3,4,5,6)
- Chalker-Scott, L.** 2006. The myth of rubber mulch. *WSNLA B&B* 58(1):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2005. Growing healthier trees. *Organic Gardening* Oct/Nov: 14-15. *Invited article* (1,2,3,4,5,6)
- Chalker-Scott, L.** 2005. The myth of stoic trees. *WSNLA B&B* 57(8):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2005. The myth of companion plantings. *WSNLA B&B* 57(7):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2005. The myth of protected preservatives. *WSNLA B&B* 57(6):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2005. The myth of folklore gardening. *WSNLA B&B* 57(5):12-13. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2005. The myth of the magic bullet. *WSNLA B&B* 57(4):10-12. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2005. Transplant science: will the patient live? *American Nurseryman* 201(6):20-23. *Invited article* (1,2,3,4,5,6)
- Chalker-Scott, L.** 2005. The myth of foliar feeding. *WSNLA B&B* 57(3):10-11, 20. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2005. The myth of tree topping, part II. *WSNLA B&B* 57(2):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2005. The myth of chloroxed clippers. *WSNLA B&B* 57(1):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of soil amendments part IV. *WSNLA B&B* 56 (12):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of uniform plant performance. *WSNLA B&B* 56(11):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of mineral magic. *WSNLA B&B* 56(10):9-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of biodynamic agriculture. *WSNLA B&B* 56(9):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. Horticultural techniques for successful establishment of landscape plants. *WSNLA B&B* 56(8):13. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of indisputable information. *WSNLA B&B* 56(8):11-12. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of collapsing root balls. *WSNLA B&B* 56(7):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of weed-killing gluten. *WSNLA B&B* 56(6):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. Should you be worried about sudden oak death? *WSNLA B&B* 56(6):8-9. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of beneficial bonemeal. *WSNLA B&B* 56(5):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of vitamin stimulants. *WSNLA B&B* 56 (4):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of hydrogels revisited. *WSNLA B&B* 56 (3):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of night light. *WSNLA B&B* 56 (2):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2004. The myth of gypsum magic. *WSNLA B&B* 56 (1):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2003. The myth of vitamin injections. *WSNLA B&B* 55 (12):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2003. The myth of absolute science. *WSNLA B&B* 55 (11):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2003. The myth of root snorkels. *WSNLA B&B* 55 (10):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2003. The myth of tree topping. *WSNLA B&B* 55 (9):8-10. (1,2,3,4,5,6) Citations: 1
- Chalker-Scott, L.** 2003. The myth of compost tea revisited. *WSNLA B&B* 55 (8):9-11. (1,2,3,4,5,6)

- Chalker-Scott, L.** 2003. The myth of xeriscaping. *WSNLA B&B* 55 (7):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2003. The myth of allelopathic wood chips. *WSNLA B&B* 55 (6):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2003. The myth of phytotoxic yard waste. *WSNLA B&B* 55 (5):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2003. The myth of wilting leaves. *WSNLA B&B* 55 (4):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2003. The myth of soil amendments part III. *WSNLA B&B* 55 (3):10-11. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2003. The myth of winter watering. *WSNLA B&B* 55 (2):8-9. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2003. The myth of fragile roots. *WSNLA B&B* 55 (1):7-8. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of pathogenic woodchips. *WSNLA B&B* 54 (12):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of wandering weedkiller. *WSNLA B&B* 54 (11):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of organic superiority part II. *WSNLA B&B* 54 (10):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of antitranspirants. *WSNLA B&B* 54 (9):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of hot-weather watering. *WSNLA B&B* 54 (8):5. (1,2,3,4,5,6) **Chalker-Scott, L.** 2002. The myth of pretty mulch. *WSNLA B&B* 54 (7):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of paper-based sheet mulch. *WSNLA B&B* 54 (6):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of well-behaved ornamentals. *WSNLA B&B* 54 (5):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of red leaves. *WSNLA B&B* 54 (4):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of phosphate, part II. *WSNLA B&B* 54 (3):4. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of clean compost. *WSNLA B&B* 54 (2):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of landscape fabric. *WSNLA B&B* 54 (1):5. (1,2,3,4,5,6)
- Cahill⁺, A., and **L. Chalker-Scott.** 2001. The role of soil environment in *Arbutus menziesii* (Pacific madrone) seedling success. *American Nurseryman* 193 (8):26-34. (1,2,5,6)
- Chalker-Scott, L.** 2001. The myth of mighty roots. *WSNLA B&B* 53 (12):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of organic superiority. *WSNLA B&B* 53 (11):7. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of Arbor Day/Earth Day planting in the West. *WSNLA B&B* 53 (10):10. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of native plant superiority. *WSNLA B&B* 53 (9):4. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of instant landscaping. *WSNLA B&B* 53 (8):4. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of environmental defense. *WSNLA B&B* 53 (7):6. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of polyacrylamide hydrogels. *WSNLA B&B* 53 (6):4. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of plant quality. *WSNLA B&B* 53(5):6. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of compost tea. *WSNLA B&B* 53(4):4. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of tree staking *WSNLA B&B* 53(3):5 (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of wound dressings. *WSNLA B&B* 53 (1):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2000. The myth of drainage material in container plantings. *WSNLA B&B* 52 (12):10. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2000. The myth of soil amendments part II. *WSNLA B&B* 52 (11):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2000. The myth of top-pruning transplanted material. *WSNLA B&B* 52 (10):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2000. The myth of phosphate fertilizer. *WSNLA B&B* 52 (9):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2000. The myth of soil amendments. *WSNLA B&B* 52 (8):5. (1,2,3,4,5,6)

- Chalker-Scott, L.** 2002. The myth of wandering weedkiller. *WSNLA B&B* 54 (11):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of organic superiority part II. *WSNLA B&B* 54 (10):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of antitranspirants. *WSNLA B&B* 54 (9):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of hot-weather watering. *WSNLA B&B* 54 (8):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of pretty mulch. *WSNLA B&B* 54 (7):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of paper-based sheet mulch. *WSNLA B&B* 54 (6):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of well-behaved ornamentals. *WSNLA B&B* 54 (5):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of red leaves. *WSNLA B&B* 54 (4):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of phosphate, part II. *WSNLA B&B* 54 (3):4. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of clean compost. *WSNLA B&B* 54 (2):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2002. The myth of landscape fabric. *WSNLA B&B* 54 (1):5. (1,2,3,4,5,6)
- Cahill⁺, A., and **L. Chalker-Scott.** 2001. The role of soil environment in *Arbutus menziesii* (Pacific madrone) seedling success. *American Nurseryman* 193 (8):26-34. (1,2,5,6)
- Chalker-Scott, L.** 2001. The myth of mighty roots. *WSNLA B&B* 53 (12):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of organic superiority. *WSNLA B&B* 53 (11):7. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of Arbor Day/Earth Day planting in the West. *WSNLA B&B* 53 (10):10. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of native plant superiority. *WSNLA B&B* 53 (9):4. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of instant landscaping. *WSNLA B&B* 53 (8):4. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of environmental defense. *WSNLA B&B* 53 (7):6. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of polyacrylamide hydrogels. *WSNLA B&B* 53 (6):4. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of plant quality. *WSNLA B&B* 53(5):6. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of compost tea. *WSNLA B&B* 53(4):4. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of tree staking *WSNLA B&B* 53(3):5 (1,2,3,4,5,6)
- Chalker-Scott, L.** 2001. The myth of wound dressings. *WSNLA B&B* 53 (1):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2000. The myth of drainage material in container plantings. *WSNLA B&B* 52 (12):10. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2000. The myth of soil amendments part II. *WSNLA B&B* 52 (11):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2000. The myth of top-pruning transplanted material. *WSNLA B&B* 52 (10):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2000. The myth of phosphate fertilizer. *WSNLA B&B* 52 (9):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 2000. The myth of soil amendments. *WSNLA B&B* 52 (8):5. (1,2,3,4,5,6)
- Chalker-Scott, L.** 1999. Sterilized pruning tools: nuisance or necessity? *PlantAmnesty Newsletter* 11 (1):4-5. **Invited article** (1,2,3,4,5,6)
- Chalker-Scott, L.** 1998. A little stress can be a good thing. *PlantAmnesty Newsletter* 10 (3):9. **Invited article** (1,2,3,4,5,6)
- Chalker-Scott, L.,** and J. Scott. 1998. Effectiveness of ultraviolet radiation for control of *Dreissena polymorpha*: a four-year study. *Dreissena!* 9(3):1-5. (1,2,3,4,5,6)
- Chalker-Scott, L.,** J. Scott, R. Carnevale⁺, and K. Smith. 1994. Comparison of acute and chronic mid-range ultraviolet radiation (280-320 nm): effects on adult zebra mussels. *Dreissena!* 5(1):1-4. (1,2,3,4,5,6)

OTHER CREATIVE ACTIVITIES

ONLINE EDUCATION

"Basic environmental photobiology." <http://www.photobiology.info/Chalker-Scott.html>
Photobiology Online: <http://www.photobiology.info/>.

BLOG POSTS (THE GARDEN PROFESSORS WWW.GARDENPROFESSORS.COM)

SUMMARY – 343 POSTS SINCE 2009

2021 - 13	2016 - 0*	2011 - 68
2020 - 12	2015 - 13	2010 - 99
2019 - 14	2014 - 8	2009 - 30
2018 - 10	2013 - 13	*Blog migration year
2017 - 4	2012 - 59	

PODCASTS (THE INFORMED GARDENER WWW.THEINFORMEDGARDENER.COM)

Season 1 (Summer-Fall 2011)

Mulch!
Garden Concoctions
Plants, Drugs, and Rock and Roll
Going Native
Selling Sustainability
Garden Hocus Pocus
Better Red than Dead
Water Works

Season 2 (Fall-Winter 2011)

Scary Gardens
Real Turkeys
Leftovers
Gifts that Keep on Giving
Winter Winners
Winter Weather Worries
Keeping Cozy
Resolutions

Season 3 (Spring 2012)

What's Bugging You?
Say It with Flowers
Subarctic Gardening
Better Living Through Chemistry
Getting Your Money's Worth
Spring Cleaning

WEBINARS

"Can we enhance the urban environment with non-native trees and shrubs?" 2018. Urban Forestry Today webinar series, University of Massachusetts at Amherst 201. <https://vimeo.com/275129135>

"Rubbery shrubbery: Should we use rubber mulch in our landscapes?" 2015. Invited presentation for Reuse & Recycling Sustainability Seminar series, University of Illinois at Urbana-Champaign <https://www.youtube.com/watch?v=zNuO6RgPut4>.

"An Introduction to the new WSU Gardening Website – gardening.wsu.edu." 2014. WSU Extension Webinar (Breeze link no longer available).

"How to run literature searches when writing extension publications and how to develop client material using the information from the search." 2012. WSU Extension Skills Webinar (Breeze link no longer available).

"Clinic resources for Master Gardeners." 2012. WSU Extension Webinar (Breeze link no longer available).

RESEARCH PRESENTATIONS – INTERNATIONAL

- Chalker-Scott, L.** 2006. Getting out of the field and into the forest: sustainable management practices for campus landscapes. 4th International Conference on Environmental Management for Sustainable Universities, Stevens Point, WI.
- Chalker-Scott, L.**, and R. Tinnemore. 2006. Is community-based sustainability education sustainable? 4th International Conference on Environmental Management for Sustainable Universities, Stevens Point, WI.
- Chalker-Scott, L.**, and S.J. Collman. 2004. Washington State's Master Gardener program: Thirty years of leadership in university-sponsored, volunteer-coordinated, sustainable community horticulture. 3rd International Conference on Environmental Management for Sustainable Universities, Tecnológico de Monterrey, Monterrey, Mexico.
- Chalker-Scott, L.** 2002. Sustainable community landscapes. 2nd International Conference on Environmental Management for Sustainable Universities, Rhodes University, Grahamstown, South Africa.

RESEARCH PRESENTATIONS – NATIONAL

- Chalker-Scott, L.**, B. Cregg, J. Gillman and H. Scoggins. 2011. A successful multi-institutional blog for transferring garden and landscape information to the public. National eXtension Conference, Louisville, KY.
- Cregg, B., and **L. Chalker-Scott**. 2014. Research in real time: Integrating social media and landscape horticulture research. National eXtension Conference, Sacramento, CA.
- Chalker-Scott, L.** 2001. Digital Photobiology Compendium Development Workshop. ASP Conference, Chicago, IL.
- Zirin, S.O., E.S. Greenstein, J.B. Barry, and **L. Chalker-Scott**. 1994. Enhancing the freshman experience: the emerging role of faculty. 1994 Annual Meeting of the National Orientation Directors Association, Portland, OR. *Invited speaker*.
- Chalker-Scott, L.** and R.L. Krahmer. 1988. Microscopic studies of tannin formation and distribution in plant tissues. First North American Tannin Conference, Port Angeles, WA.

RESEARCH PRESENTATIONS – REGIONAL

- Chalker-Scott, L.** 2016. Madrone research update. WSU PREC Madrone Conference, Puyallup, WA.
- Chalker-Scott, L.** 2010. Ensuring successful restoration projects using sustainable landscaping practices. Society for Ecological Restoration, NW Chapter 2010 Regional Conference, Marysville, WA.
- Chalker-Scott, L.** 2005. Sustainable management of restoration soils for improved tree and shrub survival. Society for Ecological Restoration, NW Regional Conference, Seattle, WA.
- Chalker-Scott, L.** 2005. Weed warfare: environmentally sustainable management strategies in restoration and landscape. Society for Ecological Restoration, NW Regional Conference, Seattle, WA.
- Chalker-Scott, L.** 2001. Horticultural techniques for successful plant establishment. Society for Ecological Restoration Northwest Chapter 2001 Regional Conference, Bellevue, WA.
- Ostolski⁺, P., **L. Chalker-Scott**, and J.D. Scott. 1993. Influence of L- or D-phenylalanine and sublethal cold stress on *Rhododendron* leaf disk hardiness. ASHS Northeast Regional Conference, Clarks Summit, PA.
- Chalker-Scott, L.** 1991. An ice-nucleation barrier in cold hardy *Azalea* buds: The effect of sublethal heat treatment upon barrier integrity and resultant bud hardiness. ASHS Northeast Regional Conference, Burlington, VT.

RESEARCH PRESENTATIONS – ACADEMIC

Murray, T, E. LaGasa, C. Looney, C. Black, R. Zack, C. Foss, R. Maguire, T. Fitzgerald, K. Ward, J. Glass, C. Daniels, **L. Chalker-Scott**, S. Collman, G. Hoheisel, M. Bush. 2013. The significance of WSU program clientele in the detection of exotic insect pests in Washington State. Academic Showcase. Pullman WA.

Chalker-Scott, L. 2006. Is community-based sustainability education sustainable? Washington State University Sustainability Forum, Pullman, WA.

Chalker-Scott, L. 2006. Getting out of the field and into the forest. Washington State University Sustainability Forum, Pullman, WA.

Chalker-Scott, L. 1999. Better red than dead: how anthocyanins protect plant tissues from environmental stress. Sigma Xi Chapter, University of Washington. **Invited speaker.**

Chalker-Scott, L. 1998. Environmental stress interactions: impact of enhanced UV-B on resultant cold hardiness of *Rhododendron*. Department of Botany Seminar Series. **Invited speaker.**

Chalker-Scott, L. 1997. Mussel beach: a case study of Great Lakes invasions." University of Washington Lecture Series: The Management of Invasive Organisms in Urban and Natural Ecosystems, Seattle, WA. **Invited speaker.**

Chalker-Scott, L. 1991. Potential control of zebra mussel infestation by mid-range ultraviolet radiation. Zebra Mussels - Strategies for Control: Sponsored by Niagara University Center for Continuing Studies. **Invited speaker.**

PANELIST PARTICIPATION

Women in Arboriculture Networking Breakfast. 31 Jul 2017. ISA Conference. **Invited participant.**

Landscape Architect Forum. 16 Apr 2013. Bartlett Tree Labs, Charlotte, NC. **Invited participant.**

"What happened to the gardening movement?" 17 Oct 2006. PlantAmnesty panel discussion, Center for Urban Horticulture, Seattle, WA. **Invited participant.**

"Compost teas – has their time come?" 18 Jun 2004. Greenhouse Management Institute, Silverdale, WA. **Invited participant.**

"Horticultural truth, myth, or in between?" 17 Nov 2004. Puget Sound Green Industry Seminar Series, Puyallup, WA. **Invited participant.**

WORKSHOPS AND SYMPOSIA – (LEAD ORGANIZER)

Chalker-Scott, L. 2010. Nuts and Bolts: Constructing a successful restoration using appropriate horticultural techniques. Society for Ecological Restoration Northwest Chapter 2010 Regional Conference, Marysville, WA.

Chalker-Scott, L. 2001. Horticulture in restoration. Society for Ecological Restoration Northwest Chapter 2001 Regional Conference, Bellevue, WA.

Chalker-Scott, L., D. Krizek and M. Caasi-Lit, co-chairs. 2000. Solar UV radiation effects of plants: Interactions with abiotic and biotic stress factors. 13th International Congress on Photobiology, San Francisco, CA, July 2000.

WORKSHOPS AND SYMPOSIA – (CO-ORGANIZING)

Krizek, D. and **L. Chalker-Scott**, co-chairs. 2004. Symposium on UV effects in terrestrial ecosystems. 2004 Annual Meeting of the American Society for Photobiology, Seattle, WA.

SUMMARY – 569 PRESENTATIONS SINCE 1997

EXTENSION PRESENTATIONS – OUTSIDE OF UNITED STATES OF AMERICA (LOCATION OR AUDIENCE)

- "How garden soils work, Part 3: Creating new garden spaces with soil health in mind." 14 Dec 2021. Garden Masterclass, UK (online).
- "How garden soils work, Part 2: Amendments and mulches." 23 Nov 2021. Garden Masterclass, UK (online).
- "Garden zombies! Myths that will not die." 20 Nov 2021. Master Gardener Association of Alberta, Canada (online).
- "Landscape mulches: the good, the bad, and the really, really ugly." 24 Oct 2021. American Rhododendron Society Virtual Fall Conference, Parksville, BC, Canada (online).
- "How garden soils work, Part 1: Garden soil basics." 19 Oct 2021. Garden Masterclass, UK (online).
- "Arboricultural zombies! – Myths that will not die." 7 Sept 2021. Canada TREE Fund (online).
- "Myth busting with Dr. Chalker-Scott." 19 Aug 2021. Garden Masterclass, UK (online).
- "West-coast gardening in a changing climate." 17 Jun 2021. Lynn Valley Garden Club, BC, Canada (online).
- "Native or non-native plants? Using good plant science to make good choices." 6 Apr 2021. South Delta Garden Club, BC, Canada (online).
- "Gardening in a changing climate." 28 Mar 2021. Vancouver Master Gardener Annual Meeting, BC, Canada (online).
- "Raised bed gardens: keeping your veggies - and your family - safe." 6 Mar 2021. Vancouver Island Master Gardener Association, BC, Canada (online).
- "Gardening in a changing climate." 23 Feb 2021. Dunbar Garden Club, BC, Canada (online).
- "The Informed Gardener: Dare to be heretical!" 28 Oct 2020. Salt Springs Island Garden Club, Salt Springs Island, BC (online).
- "Arboricultural zombies! Myths that will not die." 6 Nov 2019. Swedish Tree Association Conference, Växjö, Sweden.
- "Landscape mulches: the good, the bad, and the really, really ugly." 6 Nov 2019. Swedish Tree Association Conference, Växjö, Sweden.
- "Garden zombies: horticultural myths that refuse to die." 26 Sept 2019. CanWest Horticultural Expo, Langley, BC, Canada.
- "Are native species always the best choice?" 25 Sept 2019. CanWest Horticultural Expo, Langley, BC, Canada.
- "Little-used native plants for big impact." 8 Apr 2019. Van Dusen Botanical Garden, Vancouver, BC, Canada.
- "Horticultural zombies – How to recognize and dispatch." 7 Apr 2019. Sunshine Coast Botanical Garden, Sechelt, BC, Canada.
- "Horticultural zombies – How to recognize and dispatch." 6 Apr 2019. Powell River Garden Club, Powell River, BC, Canada.
- "Horticultural CSI – uncovering the dirt on why native plants die." 28 Feb 2019. **Keynote speaker**, BC Recreation and Parks Association, Langley, BC, Canada.

"Landscape maintenance zombies – how to recognize and dispatch." 27 Feb 2019. Keynote speaker, BC Recreation and Parks Association, Langley, BC, Canada.

"Horticultural zombies – Debunking landscape myths." 28 Oct 2018. Keynote speaker, Fall Horticultural Mini-conference, Parksville, BC, Canada.

"(Un)sustainable landscapes: Getting to the root of the problem." 25 Mar 2018. Vancouver Master Garden Spring Affair, Burnaby, BC, Canada.

"Selecting healthy trees and installing them correctly." 8 Mar 2018. Landscape Alberta spring forum, Edmonton, AB, Canada.

"Sustainable tree planting: Easier on your back, your wallet, and the environment." 15 Nov 2017. Institute of Arboriculture Studies, Hong Kong.

"To mulch or amend? Use of organic material in permanent landscape installations." 15 Nov 2017. Institute of Arboriculture Studies, Hong Kong.

"How native and nonnative trees affect landscape biodiversity." 14 Nov 2017. Institute of Arboriculture Studies, Hong Kong.

"Roots on steroids: how mycorrhizae work." 14 Nov 2017. Institute of Arboriculture Studies, Hong Kong.

"Diagnosing environmental stresses in urban landscapes." 13 Nov 2017. Institute of Arboriculture Studies, Hong Kong.

"Take it all off! The bare-root method of installing trees and shrubs." 13 Nov 2017. Institute of Arboriculture Studies, Hong Kong.

"Evaluating gardening products and practices: What works, what doesn't, and why." 21 Oct 2017. Victoria Master Gardener Association, Victoria, BC, Canada.

"Rethinking gardening myths: the science behind what works, what doesn't, and why." 24 Apr 2017. **Featured speaker**, Steinbach and Area Garden Club, Steinbach, MB, Canada.

"Problems solved: the definitive guide to gardening sustainably in today's back yard." 22 Apr 2017. **Featured speaker**, Manitoba Master Gardeners Conference, Winnipeg, MB, Canada.

"How plants work: the science behind the amazing things plants do." 11 Mar 2017. Vancouver Master Gardener Conference, Burnaby, BC, Canada.

"Right plant, right preparation: the sustainable approach." 30 Apr 2016. Thunder Bay MG, Thunder Bay, ON, Canada.

"Garden mythbusting." 30 Apr 2016. Thunder Bay MG, Thunder Bay, ON, Canada.

"How plants work – The science behind the amazing things plants do." 28 Apr 2016. Ottawa Gardeners, Ottawa, ON, Canada.

"Take it all off! The bare-root method of installing trees and shrubs." 12 Mar 2015. Van Dusen Gardens guides seminar, Vancouver, BC, Canada.

"Plant Health Care products: miracle or marketing?" 19 Feb 2015. Ontario Chapter International Society of Arboriculture (ISA) Conference, London, ON, Canada.

"Evaluating landscape products and practices: What works, what doesn't, and why." 18 Feb 2015. Ontario Chapter ISA Conference, London, ON, Canada.

"Killing with kindness: how we enable trees to their ultimate demise." 18 Feb 2015. **Keynote speaker**, Ontario Chapter ISA Conference, London, ON, Canada.

"Evaluating landscape products and practices: What works, what doesn't, and why." 13 Feb 2015. Bartlett Client seminar, Summerland, BC, Canada.

"Evaluating landscape products and practices: What works, what doesn't, and why." 11 Feb 2015. Bartlett Client seminars Victoria, BC, Canada.

"Evaluating landscape products and practices: What works, what doesn't, and why." 10 Feb 2015. Bartlett Client seminars Vancouver, BC, Canada.

"Evaluating garden products and practices." 11 Apr 2014. University of Granada, Granada, Spain.

"Exploding horticultural myths." 6 Feb 2014. BC Recreation and Parks Conference, Burnaby, BC, Canada.

"Sustainable soils for urban landscapes." 5 Feb 2014. BC Recreation and Parks Conference, Burnaby, BC, Canada.

"Keeping trees, shrubs (and you) stress-free: what works, what doesn't, and why." 31 Jan 2014. Lower Mainland Horticulture Improvement Association Grower's Short Course, Abbotsford, BC, Canada.

"Exploding arboricultural myths." 24 Sept 2013. Pacific Northwest Chapter ISA Conference, Surrey, BC, Canada.

"Exploding the myths: horticultural practices for healthy landscapes." 11 Jun 2013. Qualicum Beach Garden Club, Qualicum, BC, Canada.

"Sustainable landscaping: Easier on your back, your wallet, and the environment." 22 May 2013. South Surrey Garden Club, Surrey, BC, Canada.

"Sustainable landscaping: Easier on your back, your wallet, and the environment." 16 Mar 2013. Victoria Master Gardener Association, Victoria, BC.

"Take it all off – the bare root approach." 20 Oct 2012. David Douglas Horticultural Society, Prince George, BC, Canada.

"Landscape mulches – the good, the bad, and the just plain ugly." 20 Oct 2012. David Douglas Horticultural Society, Prince George, BC, Canada.

"Horticultural myths: separating fact from fiction." 19 Oct 2012. David Douglas Horticultural Society, Prince George, BC, Canada.

"Gardening myths: alternatives to ineffective, expensive, and sometimes harmful products." 21 Apr 2012. Sechelt Garden Club, Sechelt, BC, Canada.

"How plants survive in urban environments." 21 Apr 2012. Sechelt Garden Club, Sechelt, BC, Canada.

"Too much of a good thing: why organic amendments can hurt your soil." 20 Mar 2012. Vancouver Master Gardener Conference, Burnaby, BC, Canada.

"An update: changes in recommended practices and products." 25 Feb 2012. Van Dusen Botanical Gardens Master Gardeners, Vancouver, BC, Canada.

"How good horticultural practices can help restore natural landscapes." 19 Mar 2011. Darts Hill Garden, South Surrey, BC, Canada.

"The 'rights' of spring: avoid seven deadly sins when planting trees and shrubs." 13 Mar 2011. Vancouver BC Master Gardeners, Burnaby, BC, Canada.

"Nursery school: learning how to select healthy plants." 24 Jun 2010. Vancouver Island Master Gardener Association, Nanaimo, BC, Canada.

"(Top)Dress for success!" 24 Jun 2010. Vancouver Island Master Gardener Association, Nanaimo, BC, Canada.

"Garden myths: practices and products." 23 Jun 2010. South Surrey Garden Club, BC, Canada.

"Take it all off! The bare-root method of installing trees and shrubs." 17 Oct 2009. Sunshine Coast Garden Club, Langdale, BC, Canada.

"Plants without problems: how to beat the odds." 25 Mar 2007. Van Dusen Master Gardeners, Burnaby, BC.

"Exploding the myths: horticultural practices for healthy landscapes." 26 Jul 2005. 10th International Master Gardener Conference, University of Saskatchewan, Saskatoon, SK, Canada.

"Healthy home landscapes - Exploding the myths." 13 Mar 2004. Van Dusen Master Gardeners Green Day Fair, Vancouver BC, Canada.

"Horticulturally healthy home landscapes." 6 Apr 2003. Vancouver BC Master Gardeners, Burnaby, BC, Canada.

"Exploding the myths: sustainable horticultural practices for healthy landscapes." 18 Sept 2002. CanWest Horticulture Show, Vancouver, BC, Canada.

EXTENSION PRESENTATIONS – OUTSIDE OF WASHINGTON

- "Q&A with Dr. Chalker-Scott." 19 Nov 2021. Florida Master Gardener Book Club (online).
- "Diagnosing environmental stress in trees and shrubs." 18 Nov 2021. Portland Parks & Recreation Pesticide Applicators Recertification, Portland, OR (online).
- "Landscape zombies! Tree and shrub myths that will not die. Part 2: focus on practices and phenomena." 22 Oct 2021. **Keynote speaker**, New Jersey Shade Tree Federation conference, Cherry Hill, NJ.
- "Landscape zombies! Tree and shrub myths that will not die. Part 1: focus on products." 21 Oct 2021. **Keynote speaker**, New Jersey Shade Tree Federation conference, Cherry Hill, NJ.
- "West coast gardening in a changing climate." 4 Oct 2021. Corvallis Evening Garden Club, Corvallis, OR.
- "Tree root physiology and urban soils - can't we all just get along?" 4 Oct 2021. PNWISA annual conference (online).
- "Arboricultural zombies! Myths that will not die." 4 Oct 2021. PNWISA annual conference (online).
- "Garden rehab: a twelve-step program to sustainable gardens and landscapes." 17 Sept 2021. **Keynote speaker**, Cuyahoga County MG, OH (online).
- "Good and not-so-good science" (breakout session). 20 Aug 2021. Michigan State University Master Gardener annual conference, MI (online).
- "Citizen science - Improving critical thinking skills." 20 Aug 2021. **Keynote speaker**, Michigan State University Master Gardener annual conference, MI (online).
- "Take it all off! The bare-root method of installing trees and shrubs." 10 Jun 2021. Alabama Community Forestry, AL (online).
- "Gardening with metals, mulch, and mycorrhizae." 1 June 2021. Washington County Master Gardeners, OR (online).
- "Soils and nutrients - Q&A" 1 Mar 2021. New Hampshire Giant Pumpkin Growers, NH (online).
- "Arboricultural myths - what works, what doesn't, and why." 16 Feb 2021. Missouri Department of Conservation, MO (online).
- "Native or non-native plants? Using good plant science to make good choices." 9 Feb 2021. Willamete Valley Hardy Plant Group, OR (online).
- "Garden zombies! Myths that will not die." 14 Jan 2021. Lafayette Garden Club, CA (online).
- "Deep dive into arboricultural myths." 10 Nov 2020. Western Chapter, ISA (online).
- "Is it environmentally ethical to plant non-native trees?" 5 Oct 2020. Pacific NW Chapter, ISA (online).
- "Rescuing plants in bondage - the bare-root method of installing trees and shrubs." 2 Sept 2020. Western Chapter, ISA (online).
- "Horticultural zombies! How to recognize and dispatch." 2 Jun 2020. Washington County Master Gardeners, Portland, OR (online).
- "Gardening in a changing climate." 3 Mar 2020. Davidson Horticultural Symposium, Davidson, NC.
- "Sustainable landscaping: easier on your back, your wallet, and the environment." 18 Feb 2020. Wisconsin Arborist Association, Green Bay, WI.
- "Is it environmentally ethical to plant non-native trees?" 18 Feb 2020. Wisconsin Arborist Association, Green Bay, WI.
- "Horticultural zombies! Myths that will not die." 13 Feb 2020. Indiana Nursery and Landscape Association, Indianapolis, IN.
- "Stressed out: how to treat and avoid environmental stresses in landscape plants." 13 Feb 2020. Indiana Nursery and Landscape Association, Indianapolis, IN.

"Arboricultural zombies! Myths that will not die." 1 Feb 2020. Think Trees Community Outreach, Albuquerque, NM.

"The unkindest cut: pruning myths." 31 Jan 2020. Think Trees Conference, Albuquerque, NM.

"Digging up the dirt on soil myths." 30 Jan 2020. Think Trees Conference, Albuquerque, NM.

"Horticultural zombies – How to recognize and dispatch." 25 Jan 2020. Pitt County Master Gardeners, Greenville, NC.

"The unkindest cut: pruning myths." 16 Jan 2020. South Dakota Arborist Association, Sioux Falls, SD.

"Improving tree establishment and survival using sustainable horticultural practices." 15 Jan 2020. South Dakota Arborist Association, Sioux Falls, SD.

"Native or nonnative plants? Using good plant science to make good choices." 30 Jun 2019. Hardy Plant Society of Oregon, Portland, OR.

"Mulches: the good, the bad, and the really, really ugly." 13 May 2019. Clackamas County Master Gardeners, Clackamas, OR.

"Native plant are the best plants and other gardening myths." 2 May 2019. Hoffman Center for the Arts, Manzanita, OR.

"Are native plants always the best choice? A scientific approach to plant selection." 18 Apr 2019. University of Idaho Arboretum, Moscow, ID.

"Helpful or hindering? Dissecting three popular landscape practices." 19-20 Apr 2019. Minnesota Shade Tree Short Course (MSTSC), Minneapolis, MN.

"The Magical Mystery Cure – 1960s gardening myths." 7 Mar 2019. Bartlett Tree Care update, Philadelphia Flower Show, Philadelphia, PA.

"Native or nonnative plants? Using good plant science to make good choices." 30 Jun 2019. Hardy Plant Society of Oregon, Portland, OR.

"Mulches: the good, the bad, and the really, really ugly." 13 May 2019. Clackamas County Master Gardeners, Clackamas, OR.

"Native plant are the best plants and other gardening myths." 2 May 2019. Hoffman Center for the Arts, Manzanita, OR.

"Are native plants always the best choice? A scientific approach to plant selection." 18 Apr 2019. University of Idaho Arboretum, Moscow, ID.

"Helpful or hindering? Dissecting three popular landscape practices." 19-20 Apr 2019. Minnesota Shade Tree Short Course (MSTSC), Minneapolis, MN.

"The Magical Mystery Cure – 1960s gardening myths." 7 Mar 2019. Bartlett Tree Care update, Philadelphia Flower Show, Philadelphia, PA.

"Organic pesticides: reviewing the science behind their efficacy." 28 Jan 2019. Association of Montana Turf and Ornamental Professionals (AMTOPP) Conference, Fairmont, MT.

"Phytoremediation – creating functional ecosystems to solve urban soil problems." 28 Jan 2019. AMTOPP Conference, Fairmont, MT.

"Horticultural zombies – How to recognize and dispatch garden myths." 8 Jan 2019. Multnomah County Master Gardeners, Portland, OR.

"Mulches: the good, the bad, and the really, really ugly." 6 Dec 2018. Waynesboro Tree Workshop, Waynesboro, VA.

"Arboricultural zombies! Myths that will not die." 27 Sept 2018. 38th Annual Texas Tree Conference, Waco, TX.

"Woody mulch? Or wouldn't he?" 25 Apr 2018. Western Chapter International Society of Arboriculture (ISA) Conference, Santa Rosa, CA.

"Garden zombies! Home remedy myths that never die." 4 Apr 2018. San Francisco Flower and Garden Show, San Francisco, CA.

"Tree fertilization: the good, the bad, and the completely unnecessary." 13-14 Mar 2018. MSTSC, Minneapolis, MN.

"The root of the problem: diagnosing why plants don't thrive." 3 Mar 2018. Pennington County Master Gardeners Spring Fever, Rapid City, SD.

"Evaluating gardening products and practices: What works, what doesn't, and why." 3 Mar 2018. Pennington County Master Gardeners Spring Fever, Rapid City, SD.

"Mulches: the good, the bad, and the really, really ugly." 1 Feb 2018. Midwestern Chapter ISA Conference, Overland Park, KS.

"The unkindest cut: pruning myths." 31 Jan 2018. Midwestern Chapter ISA Conference, Overland Park, KS.

"Are native-species planting mandates good for biodiversity?" 29 Jan 2018. New York State Arborists Conference, Suffern, NY.

"Horticultural myths: is it science or pseudoscience?" 29 Jan 2018. **Keynote speaker**, New York State Arborists Conference, Suffern, NY.

"Going native: the best choice for trees?" 24 Jan 2018. Michigan Great Lakes Trade Exposition, East Lansing, MI.

"Horticultural zombies! Myths that will not die." 24 Jan 2018. Michigan Great Lakes Trade Exposition, East Lansing, MI.

"Horticultural zombies! Bogus products, baseless practices, and bad science." 17 Jan 2018. Idaho Horticulture Expo, Boise, ID.

"Arboricultural zombies! Bogus products, baseless practices, and bad science." 17 Jan 2018. Idaho Horticulture Expo, Boise, ID.

"Stressed out: how to recognize, treat, and avoid stresses in your trees and shrubs." 10 May 2017. Western Chapter ISA Conference, San Diego, CA.

"Plant health care products: miracle or marketing?" 9 Apr 2019. San Francisco Flower and Garden Show, Santa Clara, CA.

"How plants work: the science behind the amazing things plants do." 6 Apr 2017. **Featured speaker**, Santa Barbara Horticulture Society, Santa Barbara, CA.

"Are native-species planting mandates good for biodiversity?" 15 Mar 2017. MSTSC, Minneapolis, MN.

"What does science say about pruning mature trees?" 14 Mar 2017. MSTSC, Minneapolis, MN.

"Sustainable landscaping: Easier on your back, your wallet, and the environment." 4 Mar 2017. Michigan State Master Gardener Conference, Grand Rapids, MI.

"Garden myths: separating fact from fiction." 4 Mar 2017. Michigan State Master Gardener Conference, Grand Rapids, MI.

"How plants work: the science behind the amazing things plants do." 30 Jan 2017. AMTOPP Conference, Anaconda, MT.

"Mulches: the good, the bad, and the really, really ugly." 30 Jan 2017. AMTOPP Conference, Anaconda, MT.

"Garden zombies! Horticultural myths that will not die." 30 Jan 2017. **Keynote speaker**, AMTOPP Conference, Anaconda, MT.

"Killing with kindness: how we enable trees to their ultimate demise." 21 Jan 2017. Think Trees Community Outreach, Albuquerque, NM.

"What does science say about pruning mature trees?" 20 Jan 2017. Think Trees Conference, Albuquerque, NM.

"Evaluating arboriculture products and practices: What works, what doesn't, and why." 19 Jan 2017. Think Trees Conference, Albuquerque, NM.

"Arboriculture myths." 14 Oct 2016. Western Chapter ISA Conference, Arcata, CA.

"Mulches vs. amendments." 14 Oct 2016. Western Chapter ISA Conference, Arcata, CA.

"Mycorrhizae: so what the heck are they anyway?" 14 Oct 2016. Western Chapter ISA Conference, Arcata, CA.

"Garden zombies: myths that will not die." 9 Oct 2016. **Keynote speaker**, Association of Zoological Horticulture Conference, Cincinnati, OH.

"Garden products and practices: miracles or marketing?" 3 Oct 2016. Colorado State Master Gardener Conference, Denver, CO.

"Evaluating landscape products and practices: what works, what doesn't, and why." 3 Oct 2016. **Keynote speaker**, Colorado State Master Gardener Conference, Denver, CO.

"Facts or fantasy? The science behind popular tree care products." 4 May 2016. Western Chapter ISA Conference, Anaheim, CA.

"Garden zombies! Myths that refuse to die." 9 Apr 2016. Michigan State Gardening Conference, East Lansing, MI.

"How plants work – The science behind the amazing things plants do." 18 Mar 2016. San Francisco Garden Show, Santa Clara, CA.

"The Informed Gardener: Dare to be heretical!" 12 Mar 2016. Rutgers MG symposium, Princeton, NJ.

"Weed control and growth of Douglas fir (*Pseudotsuga menziesii*) are increased with deeper, coarser woodchip mulches." 10 March 2016. Garden State Shade Tree Conference, Atlantic City, NJ.

"Killing with kindness: how we enable trees to their ultimate demise." 3 Mar 2016. Denver Botanical Gardens, Denver, CO.

"Diagnosing plant stress using leaf color and size." 21 Jan 2016. Mid Atlantic Horticultural Short Course (MAHSC), Virginia Beach, VA.

Horticultural practices to help restore natural landscapes." 21 Jan 2016. MAHSC, Virginia Beach, VA.

"Mulches vs. amendments." 20 Jan 2016. MAHSC, Virginia Beach, VA.

"Rescuing plants in bondage." 20 Jan 2016. MAHSC, Virginia Beach, VA.

"Sustainable landscaping." 16 Jan 2016. Lewis and Clark County Master Gardener Celebration, Helena, MT.

"Gardening myths." 16 Jan 2016. **Keynote speaker**, Lewis and Clark County Master Gardener Celebration, Helena, MT.

"Sustainable Landscaping: 29 Aug 2015. Easier on your back, your wallet, and the environment." Ohio Master Gardener State Conference, Maumee Bay, OH.

"Garden myths: Separating fact from fiction as university volunteers." 29 Aug 2015. **Keynote speaker**, Ohio Master Gardener State Conference, Maumee Bay, OH.

"Plant Health Care products: miracle or marketing?" 23 Apr 2015. City of Portland Pesticide Recertification Seminar, Portland, OR.

"Organic pesticides: The science behind their efficacy." 23 Apr 2015. City of Portland Pesticide Recertification Seminar, Portland, OR.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 18 Apr 2015. Pennsylvania Master Gardener Conference, Pittsburgh, PA.

"Roots on steroids: how mycorrhizae work." 17-18 Mar 2015. MSTSC, Minneapolis, MN.

"Organic pesticides: reviewing the science behind their efficacy." 16 Jan 2015. ProGreen Conference, Denver, CO.

"Evaluating garden products and practices: What works, what doesn't, and why." 15 Jan 2015. ProGreen Conference, Denver, CO.

"Evidence-based information." 4 Dec 2014. American Society of Certified Arborists Conference, Palm Springs, CA.

"Mulch demo and arboricultural CSI." 23 Aug 2014. Professional Tree Care Association (PTCA Conference, San Diego, CA.

"Stressed out: how to treat and avoid drought stress in landscape trees." 22 Aug 2014. PTCA Conference, San Diego, CA.

"Managing tree pests – What works, what doesn't and why." 22 Aug 2014. PTCA Conference, San Diego, CA.

"Gardening myths: alternatives to ineffective, expensive, and sometimes harmful products." 8 Oct 2013. Golden Gardeners, Portland, OR.

"Horticultural myths: The science behind what works, what doesn't, and why." 5 Oct 2013. Kansas City Master Gardeners, Kansas City, MO.

"Urban stress: understanding plant responses." 5 Oct 2013. Kansas City Master Gardeners, Kansas City, MO.

"Too much of a good thing: can organic amendments hurt your landscape? 27 Apr 2013. Southern California Spring Garden Show, Costa Mesa, CA.

"Arboricultural myths: The science behind what works, what doesn't, and why." 9 Feb 2013. Think Trees Community Outreach, Albuquerque, NM.

"Arboricultural myths: The science behind what works, what doesn't, and why." 8 Feb 2013. Think Trees Conference, Albuquerque, NM.

"Natural and synthetic pesticides: safety, efficacy, and smart choices." 7 Feb 2013. Think Trees Conference, Albuquerque, NM.

"Miracle or marketing? Do garden remedies really work?" 5 Feb 2013. MAHSC, Newport News, VA.

"Mulches vs. amendments." 5 Feb 2013. MAHSC, Newport News, VA.

"Right plant, right place: the abiotic approach." 5 Feb 2013. MAHSC, Newport News, VA.

"Natural and synthetic pesticides: safety, efficacy, and smart choices." 4 Feb 2013. MAHSC, Newport News, VA.

"Plants and water: Understanding uptake, usage, and stress responses." 4Feb 2013. MAHSC, Newport News, VA.

"Better red than dead: how anthocyanins protect plant tissues from environmental stress." 4 Feb 2013. MAHSC, Newport News, VA.

"Is mulch beneficial or detrimental?" 29 Jan 2013. NJASLA Conference, Atlantic City, NJ.

"Arboricultural myths: The science behind what works, what doesn't, and why." 25 Jan 2013. Idaho Horticultural Expo, Boise, ID.

"Garden myths: separating fact from fiction." 5 Oct 2012. Purdue State Master Gardener Conference, Indiana.

"Horticultural CSI – why did my landscape plants die?" 13 Aug 2012. Professional Grounds Management Society Conference, Portland, OR.

"Horticultural CSI – why did my landscape plants die?" 24 May 2012. Bonner County Master Gardeners, Sandpoint, ID.

"Manna, myths, or marketing?" 14 Apr 2012. Alaska Master Gardener Conference, Anchorage, AK.

"Exploding the myths: horticultural practices for healthy landscapes." 14 Apr 2012. Alaska Master Gardener Conference, Anchorage, AK.

"Landscape mulches: the good, the bad, and the just plain ugly." 6 Mar 2012. Bartlett Client seminars, Frelinghuysen, NJ.

"The “rights” of spring – avoid seven deadly sins when planting trees and shrubs." 6 Mar 2012. Bartlett Client seminars, Frelinghuysen, NJ.

"Killing with kindness." 19 Jan 2012. Connecticut Tree Protection Association, Southing, CT.

"Restoring the urban forest." 19 Jan 2012. Connecticut Tree Protection Association, Southing, CT.

"Weeding out myths and planting seeds of thought." 9 Nov 2011. Calaveras County Garden Club, Kautz Ironstone Winery, CA.

"Garden myths: practices and products." 22 Oct 2011. Keynote speaker, Arizona State Master Gardener Conference, Prescott, AZ.

"Transplant science: will the patient survive?" 15 Sept 2011. Portland Garden Club, Portland, OR.

"Evidence-based gardening information for writers." 29 Aug 2011. Garden Writer's Association Conference, Indianapolis, IN.

"Landscape rehabilitation - a twelve-step program to a sustainable landscape." 26 Jun 2011. **Keynote speaker**, Virginia Master Gardener Conference, Blacksburg, VA.

"Garden myths." 14 May 2011. UC Berkeley Botanical Gardens, Berkeley, CA.

"Horticultural CSI – why did my landscape plants die?" 13 May 2011. San Jose County Master Gardeners, Santa Clara, CA.

"Home grown goodness: Keeping your vegetables – and your family – safe." 13 May 2011. San Jose County Master Gardeners, Santa Clara, CA.

"The Informed Gardener: dare to be heretical!" 12 May 2011. Livermore Amador Valley Garden Club, Livermore, CA.

"The Informed Gardener: dare to be heretical!" 8 Apr 2011. California Flower, Food and Garden Show, Sacramento, CA.

"Horticultural CSI - why did my plant die?" 7 Apr 2011. California Flower, Food and Garden Show, Sacramento, CA.

"Horticultural CSI – uncovering the dirt on why landscape plants die." 2 Apr 2011. Portland Master Gardener Recertification, Portland, OR.

"Horticultural CSI – Uncovering the dirt on why landscape plants die." 12 Sept 2010 GWA Conference, Dallas, TX.

"The Informed Gardener Blooms Again: digging up myths and planting the seeds of thought." 18 May 2010. Sandpoint Garden Club, Sandpoint, ID.

"Selecting healthy plants/The Informed Gardener Blooms Again." 6 Apr 2010. Indio Garden Club, Indio, CA.

"Take it all off! The bare-root method of installing trees and shrubs." 20 Mar 2010. Santa Clara Master Gardeners, Santa Clara, CA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 20 Mar 2010. Santa Clara Master Gardeners, Santa Clara, CA.

"Dispelling desert myths (saving time, money, and natural resources)." 1 Aug 2009. Madras Garden Club, Jefferson County Library, Madras, OR.

"Dispelling desert myths (saving time, money, and natural resources)." 7 Apr 2009. Indio Garden Club, Indio, CA.

"Take it all off! The bare-root method of installing trees and shrubs." 5 Apr 2009. Palm Desert Visitor Center, Palm Desert, CA.

"Desert myths." 9 Apr 2008. Palm Desert Rotary Club, Palm Desert, CA.

"Much ado about mulches." 8 Feb 2008. Inland Northwest Turf, Tree & Landscape Conference, Couer d'Alene, ID.

"Transplant science: the bare root method." 8 Feb 2008. Inland Northwest Turf, Tree & Landscape Conference, Couer d'Alene, ID.

"Landscape mulches: the good, the bad, and the just plain ugly." 6 Feb 2008. Urban Pest Management Course, Oregon City, OR.

"Diagnosing environmental stresses in urban landscapes." 16 Jan 2008. Indiana Arborist Association, Indianapolis, IN.

"Not my cup of (compost) tea: discovering, dissecting, and dispelling landscape myths." 16 Jan 2008. Indiana Arborist Association, Indianapolis, IN.

"Diagnosing environmental stresses in urban landscapes." 15 Jan 2008. Indiana Nursery and Landscape Association, Indianapolis, IN.

"Bare-root transplanting." 15 Jan 2008. Grower's forum, Indiana Nursery and Landscape Association, Indianapolis, IN.

"Not my cup of (compost) tea: discovering, dissecting, and dispelling landscape myths." 15 Jan 2008. Indiana Nursery and Landscape Association, Indianapolis, IN.

"Landscape mulches: the good, the bad, and the just plain ugly." 9 Jan 2008. OSU Chemical Applicator's Short Course, Portland, OR.

"Weed control with landscape mulches: what works, what doesn't." 26 Apr 2007. City of Portland Pesticide Recertification Seminar, Portland, OR.

"Urban warfare: Will your landscape survive?" 27 Jan 2006. Inland Northwest Turf, Tree & Landscape Conference, Couer d'Alene, ID.

"Plants without problems: a good place to start." 17 Feb 2005. High Desert Green Industry Conference, Redmond, OR.

"Exploding the myths: horticultural practices for healthy landscapes." 17 Feb 2005. **Keynote speaker**, High Desert Green Industry Conference, Redmond, OR.

"Soil amendments in the landscape – too much of a good thing?" 3 Feb 2005. Inland Northwest Turf, Tree & Landscape Conference, Couer d'Alene, ID.

"Landscape rehabilitation: a twelve-step program to a sustainable landscape." 2 Feb 2005. **Keynote speaker**, Inland Northwest Turf, Tree & Landscape Conference, Couer d'Alene, ID.

"Exploding the myths: sustainable horticultural practices for healthy landscapes." 6 Jan 2005. Montana Nursery and Landscape Association Conference, Billings, MT.

"Transplant science: the bare root method." 5 Jan 2005. Montana Nursery and Landscape Association Conference, Billings, MT.

"To mulch or amend? Use of organic material in permanent landscape installations." 5 Jan 2005. Montana Nursery and Landscape Association Conference, Billings, MT.

"Restoring the urban forest." 5 Jun 2004. Keynote speaker, Pacific Northwest Community Trees Conference, Portland, OR.

"Organic vs. synthetic pesticides." 5 Dec 2002. City of Portland Pesticide Recertification Seminar, Portland, OR.

"Cherries in the landscape." 6 Dec 2001. City of Portland Pesticide Recertification Seminar, Portland, OR.

EXTENSION PRESENTATIONS – REGIONAL (WITHIN WASHINGTON)

- "Garden zombies! Myths that will not die. 14 Oct 2021. Broadview Garden Club, Issaquah, WA (online).
- "Citizen science - improving critical thinking skills." 1 Oct 2021. WSU Master Gardener annual conference (online).
- "Nursery school: how to select the best plants for your landscape and install them correctly." 18 May 2021. Central Puget Sound Chapter of the Washington Native Plant Society, WA (online).
- "Garden zombies! Myths that will not die." 21 Apr 2021. Orcas Island Garden Club, WA (online).
- "Citizen science - improving critical thinking skills." 14 Apr 2021. Snohomish County Beach Watchers, WA (online).
- "Garden zombies! Myths that will not die." 9 Mar 2021. Auburn Garden Club, WA (online).
- "Garden zombies! Myths that will not die." 2 Mar 2021. Southeast Washington/Southwest Idaho Master Gardeners, WA (online).
- "Garden zombies! Myths that will not die." 19 Feb 2021. Cowlitz County Advanced Master Gardeners, WA (online).
- "Gardening in a changing climate." 29 Feb 2020. Northwest Flower and Garden (NWFG Show, Seattle, WA.
- "Little used native plants for big impact!" 26 Feb 2020. NWFG Show, Seattle, WA.
- "The unkindest cut: pruning myths." 26 Feb 2020. NWFG Show, Seattle, WA.
- "Horticultural zombies – Garden myths that will not die!" 20 Feb 2020. Parkside Garden Club, Normandy Park, WA.
- "Horticultural zombies – How to recognize and dispatch." 8 Feb 2020. King County Master Gardeners, Seattle, WA.
- "Evaluating information: how to become an informed citizen scientist." 8 Jan 2020. Amazon Spheres horticultural team, Seattle, WA.
- "Mulches: the good, the bad, and the really, really ugly." 10 Dec 2019. Washington Turf and Landscape Show, Lynnwood, WA.
- "Deconstructing myths – how to recognize 'alternative facts.'" 17 Sept 2019. Seattle Rose Society, Seattle, WA.
- "Are native species always the best choice?" 20 Aug 2019. PlantAmnesty, Center for Urban Horticulture (CUH), University of Washington (UW), Seattle, WA.
- "Digging up the dirt on soil myths." 20 Apr 2019. Association of Plant Landscape Designers of Washington, Mercer Island, WA.
- "Garden zombies! Myths that refuse to die." 10 Apr 2019. Flotsam and Jetsam Garden Club, Hansville, WA.
- "You're stuck with the soil you've got – now deal with it!" 23 Feb 2019. NWFG Show, Seattle, WA.
- "Little-used native plants for big impact." 21 Feb 2019. NWFG Show, Seattle, WA.
- "Deconstructing soil advice: how to recognize "alternative facts." 20 Feb 2019. NWFG Show, Seattle, WA.
- "Evaluating gardening products and practices: what works, what doesn't, and why." 23 Jan 2019. Yakima County Master Gardeners, Union Gap, WA.
- "Horticultural zombies – How to recognize and dispatch." 22 Feb 2019. Benton-Franklin Master Gardener training, Richland, WA.
- "Horticultural zombies – How to recognize and dispatch." 12 Jan 2019. King County Master Gardener training, CUH, UW, Seattle, WA.

"Landscape zombies! Myths that will not die." 9 Nov 2018. Tree School, Spokane, WA.

"Mulches: the good, the bad, and the really, really ugly." 6 Nov 2018. Washington State Nursery and Landscape Association Day of Professionalism, Woodinville, WA.

"Horticultural zombies – How to recognize and dispatch." 19 Oct 2018. Skagit County Master Gardener Advanced Training workshop, Mt. Vernon, WA.

"Hype, hokum and honesty: What works, what doesn't, and why." 29 Sept 2018. WSU Master Gardener Conference, Wenatchee, WA.

"Sustainable rose gardens – saving time, money, and the environment." 8 May 2018. Rainy Rose Society, Auburn, WA.

"Gardening zombies! Myths that refuse to die." 21 Apr 2018. **Keynote speaker**, Columbia Basin Eco-Gardening Symposium, Moses Lake, WA.

"Going native: the best choice for trees?" 27 Feb 2018. Bartlett Tree Experts Client Seminar, Seattle, WA.

"Arboricultural zombies! Bogus products, baseless practices, and bad science." 16 Feb 2018. Snohomish County Master Gardener Winter Speaker series, Lynnwood, WA.

"Four little fallacies: using science to debunk popular gardening myths." 14 Feb 2018. Yakima County Master Gardener training, Yakima, WA.

"Evaluating gardening products and practices: What works, what doesn't, and why." 13 Feb 2018. Benton-Franklin County Master Gardener training, West Richland, WA.

"You're stuck with the soil you've got – now deal with it!" 9 Feb 2018. NWFG Show, Seattle, WA.

"Evaluating gardening products and practices. What works, what doesn't, and why." 13 Jan 2018. King County Master Gardener training, Burien, WA.

"Native vs. nonnative trees: comparative impacts on landscape biodiversity." 30 Nov 2017. American Society of Consulting Arborists Conference, Skamania, WA.

"Stressed out: How to recognize, treat, and avoid stresses in your trees and shrubs." 18 Nov 2017. King County Master Gardener Foundation, Renton, WA.

"How plants work: the science behind the amazing things plants do." 18 Nov 2017. King County Master Gardener Foundation, Renton, WA.

"Garden zombies: Horticultural myths that refuse to die." 22 Sept 2017. WSU State Master Gardener Conference, Yakima, WA.

"Sustainable landscaping: Easier on your back, your wallet, and the environment." 21 Mar 2017. San Juan County Master Gardener training, Friday Harbor, WA.

"Home grown goodness: keeping your vegetables – and your family – safe." 23 Feb 2017. NWFG Show, Seattle, WA.

"Garden zombies! Home remedy myths that never die." 23 Feb 2017. NWFG Show, Seattle, WA.

"Garden zombies! Myths that will not die." 13 Feb 2017. Monroe Garden Club, Monroe, WA.

"Evaluating gardening products and practices: What works, what doesn't, and why." 10 Jan 2017. King County Master Gardener training, Seattle, WA.

"How plants work: getting ready for winter." 9 Nov 2016. Northwest Horticulture Society Lecture Series, Seattle, WA.

"Take it all off! The bare-root method of installing trees and shrubs." 29 Oct 2016. Chelan-Douglas County Master Gardener Educational Gardening Conference, Leavenworth, WA.

"How plants work – The science behind the amazing things plants do." 16 Mar 2016. Orcas Island Garden Club, Southsound, WA.

"The landscape below ground: relationships between roots, microbes, and nutrients." 26 Feb 2016. Snohomish County MG, Mukilteo, WA.

"Rooting out problems before you plant: The bare-root method." 18 Feb 2016. NWFG Show, Seattle, WA.

"How plants work – The science behind the amazing things plants do." 17 Feb 2016. NWFG Show, Seattle, WA.

"Going native: the best choice for trees?" 8 Dec 2015. Washington Turf and Landscape Show, Lynnwood, WA.

"Horticulture myths: Separating fact from fiction." 10 Oct 2015. San Juan County Fall Gardening Workshop, Friday Harbor, WA.

"How plants work: getting ready for winter." 6 Oct 2015. Arboretum Clinic Master Gardeners, Seattle, WA.

"Garden with science (and avoid horticultural myths)." 7 Mar 2015. Whidbey Island Gardening Workshops, Oak Harbor, WA.

"Sustainable garden management: site analysis, plant selection and aftercare." 7 Mar 2015. Whidbey Island Gardening Workshops, Oak Harbor, WA.

"Sustainable Landscaping: Easier on your back, your wallet, and the environment." 3 Mar 2015. San Juan County Master Gardener training, Friday Harbor, WA.

"Garden myths: separating fact from fiction." 23 Feb 2015. Edmonds Floretum Club, Edmonds, WA.

"The real dirt on mulches and soil amendments." 15 Feb 2015. NWFG Show, Seattle, WA.

"Garden myths: separating fact from fiction." 9 Sept 2014. Oak Harbor Garden Club, Oak Harbor, WA.

"Evaluating garden products and practices: What works, what doesn't, and why." 4 Sept 2014. Northwest Perennial Alliance, North Bend, WA.

"Meet your garden soil – up close and personal." 18 Feb 2014. Wedgwood Garden Club, Seattle, WA.

"Going native: the best choice for gardens?" 9 Feb 2014. NWFG Show, Seattle, WA.

"Understanding plant responses to environmental stress." 18 Jan 2014. King County Master Gardeners, Seattle, WA.

"Evaluating garden products and practices: What works, what doesn't, and why." 18 Jan 2014. King County Master Gardener training, Seattle, WA.

"Gardening myths: alternatives to ineffective, expensive, and sometimes harmful products." 18 Nov 2013. Hardy Plant Society, CUH, UW, Seattle, WA.

"Understanding plant responses to environmental stress." 12 Nov 2013. UW Grounds Department, UW, Seattle, WA.

"Natural pesticides that actually work." 29 Oct 2013. City of Seattle Pesticide Recertification Program, South Seattle Community College, Seattle, WA.

"Urban stress: understanding plant responses." 26 Sept 2013. Washington State Master Gardener Advanced Training Conference, Everett, WA.

"Putting your landscape to bed for the winter." 16 Sept 2013. Wedgwood Northwest Perennial Alliance, Seattle, WA.

"Exploding the myths: horticultural practices for healthy landscapes." 12 Sept 2013. North Bend Northwest Perennial Alliance, Issaquah, WA.

"Evaluating garden products and practices: What works, what doesn't, and why." 5 Mar 2013. King County Master Gardener training, Seattle, WA.

"Sustainable landscaping: Easier on your back, your wallet, and the environment." 27 Feb 2013. San Juan County Master Gardener training, Friday Harbor, WA.

"Natural pesticides that actually work." 24 Feb. 2013. NWFG Show, Seattle, WA.

"Horticultural CSI – uncovering the dirt on why native plants die." 16 Feb 2013. Evergreen District Garden Club, Everett, WA.

"Landscape rehabilitation: a twelve-step program to a sustainable landscape." 9 Jan 2013. Flotsam and Jetsam Garden Club, Hansville, WA.

"Too much of a good thing: can organic amendments hurt your landscape?" 17 Dec 2012. Washington Turf and Landscape Show, Bellevue, WA.

"Landscape rehabilitation: a 12-step program to a sustainable landscape." 14 Nov 2012. Kingston Garden Club, Kingston, WA.

"Urban tree stress diagnosis." 30 Oct 2012. Seattle Pesticide Recertification Conference, Seattle, WA.

"Horticultural CSI – why did my landscape plants die?" 17 Oct 2012. Grangeville Garden Club, Grangeville, WA.

"Horticultural CSI – why did my landscape plants die?" 16 Oct 2012. Olympic Peninsula Chapter, Garden Clubs of America, Port Townsend, WA.

"Fall fallacies: avoid seven deadly sins when planting trees and shrubs." 19 Sept 2012. Whatcom Horticultural Society, Bellingham, WA.

"Myth-busting in the garden: alternatives to ineffective, expensive, and sometimes harmful products." 16 Sept 2012. Northwest Perennial Alliance, Seattle, WA.

"Evidence-based gardening advice: weeding out myths and planting seeds of thought." 13 Sept 2012. Broadview Garden Club, Seattle, WA.

"Organic vs. conventional: working “across the aisle” to create healthy gardens and landscapes." 13 Jul 2012. Wenatchee River Institute, Leavenworth, WA.

"Horticultural CSI – uncovering the dirt on why native plants die." 6 Jun 2012. Washington State Federation of Garden Clubs annual meeting, Mt. Vernon, WA.

"Restoring the urban forest: informed practices for volunteers." 14 May 2012. Urban Forestry symposium, CUH, UW, Seattle, WA.

"Digging up the dirt on garden myths." 8 May 2012. Green Thumb Garden Club, Anacortes, WA.

"Urban soils." 18 Apr 2012. AHBL Landscape Architects, Seattle, WA.

"Myths and musts for growing roses." 20 Mar 2012. Seattle Rose Society, Seattle, WA.

"Evidence-based information for Master Gardeners." 10 Mar 2012. King County Master Gardeners, Seattle, WA.

"Sustainable soils in urban landscapes." 27 Feb 2012. Association of Professional Landscape Designers, Seattle, WA.

"Meet your garden soil up close and personal." 11 Feb 2012. NFG Show, Seattle, WA.

"Rooting out problems before you plant." 8 Feb 2012. NFG Show, Seattle, WA.

"Accurate diagnosis of nonliving problems." 1 Dec 2011. Washington Turf and Landscape Association Conference, Bellevue, WA.

"Arboricultural myths." 29 Nov 2011. Washington Turf and Landscape Association Conference, Bellevue, WA.

"Meet your garden soil – up close and personal." 17 Oct 2011. Northwest Perennial Alliance – NE Seattle, Seattle, WA.

"Sustainable landscaping: Easier on your back, your wallet, and the environment." 13 Oct 2011. Lopez Island Garden Club, Lopez Island, WA.

"A selection of 30 minute presentations on urban horticulture, given over a two day period." 9-10 Sept 2011. Chelan County Fair, Cashmere, WA.

"Sustainable soils for urban environments." 2 Jun 2011. The Portico Group, Seattle, WA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 18 May 2011. Orcas Island Garden Club, Eastsound, WA.

"How good horticultural practices can help restore natural landscapes." 30 Apr 2011. North Seattle Forest Stewards, Seattle, WA.

"Selecting, installing, and caring for landscape trees and shrubs." 30 Mar 2011. San Juan County Master Gardeners, Friday Harbor, WA.

"Weeding out myths and planting seeds of thought." 17 Mar 2011. Northwest Horticultural Society, Seattle, WA.

"Arboriculture myths." 14 Mar 2011. Bartlett Tree Care Symposium, CUH, UW, Seattle, WA.

"The Informed Gardener Blooms Again: busting common myths about gardening practices." 27 Feb 2011. Northwest Flower and Garden Show, Seattle, WA.

"Meet your garden soil: discover the easy steps for basic soil testing." 24 Feb 2011. Northwest Flower and Garden Show, Seattle, WA.

"Mulching: the good, the bad, and the just plain ugly." 28 Oct 2010 PNW ISA Conference, Tacoma, WA.

"Landscape mulch demo." 27 Oct 2010. PNW ISA Conference, Tacoma, WA.

"Meet your garden soil: up close and personal." 26 Oct 2010. CUH, UW, Seattle, WA.

"Landscape mulches - attractive and functional choices." 19 Oct 2010. Wedgwood Garden Club, Seattle, WA.

"Choosing and caring for landscape trees." 5 Oct 2010. Alliance of South Sound Stewards, Ravensdale, WA.

"Organic methods to build your soil." 30 Sept 2010. Whatcom County Master Gardeners, Bellingham, WA.

"Selecting and installing woody plants." 21 Sept 2010. NGC Gardening Study School, Seattle, WA.

"Myths and musts for growing roses." 7 Sept 2010. Rainy Rose Society, Seattle, WA.

"Improving the success of native landscapes." 2 Sept 2010. Washington Native Plant Society, Seattle, WA.

"Sustainable gardening Q&A." 21 Aug 2010. Sustainable Seattle, Seattle, WA.

"Horticultural CSI - why did my landscape plants die?" 11 Jul 2010. Bainbridge in Bloom, Bainbridge Island, WA.

"The Informed Gardener Blooms Again: digging up myths and planting the seeds of thought." 12 May 2010. Hansville Garden Club, Hansville, WA.

"Miracle or marketing? Do garden remedies really work?" 8 May 2010. Backyard Wildlife Festival, Tukwilla, WA.

"Horticultural CSI." 17 Apr 2010. San Juan County Master Gardeners, Friday Harbor, WA.

"The Informed Gardener Blooms Again: digging up myths and planting the seeds of thought." 13 Apr 2010. Village Books, Bellingham, WA.

"The Informed Gardener Blooms Again: digging up myths and planting the seeds of thought." 30 Mar 2010. Third Place Books, Lake Forest Park, WA.

"Miracle or marketing? Do garden remedies really work"? 24 Mar 2010 Yakima Master Gardener Spring seminar series, Yakima, WA.

"Home grown goodness: Keeping your vegetables – and your family - safe." 24 Mar 2010. Yakima Master Gardener Spring seminar series, Yakima, WA.

"The Informed Gardener Blooms Again: digging up myths and planting the seeds of thought." 2 Mar 2010. Elliott Bay Books, Seattle, WA.

"Rooting out problems before you plant: untangling problems for plant success." 5 Feb 2010. Northwest Flower and Garden Show, Seattle, WA.

"Horticultural CSI: uncovering the dirt on why landscape plants die." 5 Feb 2010. Northwest Flower and Garden Show, Seattle, WA.

"Horticultural CSI – why did my landscape plants die? 3 Feb 2010. Trilogy Garden Club, Redmond, WA.

"Take it all off! The bare-root method of installing trees and shrubs." 20 Jan 2010. Arboretum Foundation Unit #26, Bainbridge Island, WA.

"Urban tree death: causes and pest management implications." 28 Oct 2009. City of Seattle Pesticide Recertification, Seattle, WA.

"Sustainable landscaping: Easier on your back, your wallet, and the environment." 5 Oct 2009. Skagit County Master Gardeners Regional Advanced Training, Mt. Vernon, WA.

"Summertime – and the gardening is easy." 5 Aug 2010. Trilogy Garden Club, Redmond, WA.

"The Informed Gardener: Dare to be heretical!" 2 Jul 2009. Clark County Historical Museum, Vancouver, WA.

"Killing with kindness: how we enable trees to their ultimate demise." 10 May 2009. PlantAmnesty Festival of Trees, Seattle, WA.

"Will sudden oak death be a problem for your *Rhododendron* nursery or garden?" 2 May 2009. American Rhododendron Society annual meeting, Everett, WA.

"Ensuring successful restoration projects using sustainable landscaping practices." 15 Apr 2009. Salmon Habitat Conference, Shelton, WA.

"The Informed Gardener: Dare to be heretical!" Northwest Flower and Garden Show, 21 Feb 2009. Seattle, WA.

"The Informed Gardener: Dare to be heretical!" 12 Jan 2009. Snohomish Garden Club, Snohomish, WA.

"Landscape mulches: the good, the bad, and the just plain ugly." 3 Dec 2008. Washington Turf and Landscape Association Conference, Bellevue, WA.

"Are natural pesticides better than synthetics?" 22 Oct 2008. City of Seattle Pesticide Recertification, South Seattle Community College, Seattle, WA.

"Fall fallacies: Avoid seven deadly sins when planting trees and shrubs." 21 Oct 2008. Suquamish Garden Club, Suquamish, WA.

"Sustainable landscaping: Easier on your back, your wallet, and the environment." 16 Oct 2008. Seattle Garden Club, CUH, UW, Seattle, WA.

"Fall fallacies: Avoid seven deadly sins when planting trees and shrubs." 10 Sept 2008. Hansville Garden Club, Hansville, WA.

"Summertime – and the gardening is easy!" 20 Jul 2008. Eagle Harbor Books, Bainbridge Island, WA.

"Summertime – and the gardening is easy!" 20 Jul 2008. Fox Farm Lavender Festival, Vashon Island, WA.

"Manna, myths, or marketing? The science behind alternative products." 3 Jul 2008. Inland Empire Garden Club, Spokane, WA.

"Sustainable management of restoration soils for improved tree and shrub survival." 28 Jun 2008. Cascade Land Conservancy, Tukwila, WA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 10 May 2008. Village Books, Bellingham, WA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 6 May 2008. UW Bookstore, Bellevue, WA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 26 Apr 2008. Growing Garden Experts seminar series, King County Master Gardeners, South Seattle Community College, Seattle, WA.

"The Informed Gardener: Dare to be heretical!" 24 Apr 2008. CUH, UW, Seattle, WA.

"Selecting, installing, and caring for trees and shrubs: a quick overview." 20 Apr 2008. Molbak's Nursery, Woodinville, WA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 13 Apr 2008. Swanson's Nursery, Seattle, WA.

"Conserving water and reducing weeds with landscape mulches." 24 Mar 2008. Green Sanctuary Seminar Series, University Unitarian Church, Seattle, WA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 22 Mar 2008. Wight's Nursery, Lynnwood, WA.

"Transplant science: the bare root method." 17 Mar 2008. Green Sanctuary Seminar Series, University Unitarian Church, Seattle, WA.

"Bare-root transplanting technique." 15 Mar 2008. Island County Master Gardeners, Coupeville, WA.

"Plants without problems: selecting healthy nursery plants." 10 Mar 2008. Green Sanctuary Seminar Series, University Unitarian Church, Seattle, WA.

"Garden rehab: a twelve-step program." 23 Feb 2008. Northwest Flower and Garden Show, Seattle, WA.

"Bare-bones transplanting: the root of the problem or the problem of the root?" 23 Feb 2008. Northwest Flower and Garden Show, Seattle, WA.

"Urban warfare: Will your landscape survive?" 14 Feb 2008. Skagit County Master Gardener Basic Training, Padilla Bay, WA.

"Manna, myths, or marketing? The science behind alternative products." 12 Feb 2008. Oak Harbor Garden Club, Oak Harbor, WA.

"Diagnosing environmental stress in urban landscapes." 4 Dec 2007. Washington Turf and Landscape Association Conference, Bellevue, WA.

"Compost tea: examining the science behind the claims." 1 Nov 2007. Greenbank Garden Club, Greenbank, WA.

"Exploding the myths: horticultural practices for healthy landscapes." 28 Jun 2007. Island County Master Gardeners, Coupeville, WA.

"Mulching urban soils for water conservation." 10 Apr 2007. Oak Harbor Garden Club, Oak Harbor, WA.

"Selecting and installing landscape plants." 14 Mar 2007. Yakima Master Gardeners, Yakima, WA.

"Selecting and installing landscape plants." 13 Mar 2007. Benton-Franklin Master Gardeners, Richland, WA

"Weed warfare: beneficial mulches for your landscape." 17 Feb 2007. Northwest Flower and Garden Show, Seattle, WA.

"Bare-bones transplanting: the root of the problem or the problem of the root?" 17 Feb 2007. Northwest Flower and Garden Show, Seattle, WA.

"Exploding the myths: horticultural practices for healthy landscapes." 9 Jan 2007. Redmond Garden Club, Redmond, WA.

"Plants without problems – a good place to start." 5 Dec 2006. Washington Turf and Landscape Association Conference, Bellevue, WA.

"Bare root transplanting – the root of the problem or the problem of the root?" 4 Dec 2006. Washington Turf and Landscape Association Conference, Bellevue, WA.

"Transplanting and root washing." 30 Sept 2006. PNW ISA Chapter Conference, Redmond, WA.

"Exploding the myths: horticultural practices for healthy landscapes." 30 Sept 2006. Bellevue Botanical Gardens, Bellevue, WA.

"Killing trees with kindness." 29 Sept 2006. PNW ISA Chapter Conference, Redmond, WA.

"Landscape mulches - what works and what doesn't." 8 Sept 2006. WSU Master Gardener Conference, South Seattle Community College, Seattle, WA.

"A practical approach to controlling invasives." 8 Sept 2006. WSU Master Gardener Conference, South Seattle Community College, Seattle, WA.

"Bare-bones transplanting: the root of the problem or the problem of the root?" 9 May 2006. Oak Harbor Garden Club, Oak Harbor, WA.

"Effective mulches for weed control in urban landscapes." 28 Apr 2006. West Seattle Garden Club, Seattle, WA.

"Manna, myths, or marketing? The science behind alternative products." 7 Mar 2006. The Bloedel Reserve, Bainbridge Island, WA.

"Improving the success of native landscapes." 2 Mar 2006. Northwest Native Plant Society, Seattle, WA.

"Plants without problems: selecting healthy nursery plants." 11 Feb 2006. Northwest Flower and Garden Show, Seattle, WA.

"Bare-bones transplanting: the root of the problem or the problem of the root?" 11 Feb 2006. Northwest Flower and Garden Show, Seattle, WA.

"Urban warfare: Will your landscape survive?" 7 Feb 2006. Skagit County Master Gardener Basic Training, Mt. Vernon, WA.

"Interpreting information: Science, soapbox, or scam?" 24 Jan 2006. King County Master Gardeners, Seattle, WA.

"Compost tea - examining the science behind the claims." 7 Dec 2005. Washington Turf and Landscape Association Conference, Bellevue, WA.

"Effective mulches for weed control in urban landscapes." 3 Nov 2005. WSWA Weed Conference, Yakima, WA.

"Exploding the myths: horticultural practices for healthy landscapes." 25 Oct 2005. City of Seattle Pesticide Recertification, Shoreline Conference Center, Seattle, WA.

"Myth-information: five favorite fallacies." 13 Oct 2005. Spokane County Master Gardener Seminar, Spokane, WA.

"Urban landscape soil management." 13 Oct 2005. Inland Northwest Green Industry Seminars, Spokane, WA.

"Newsletter basics: organization and resources." 8 Sept 2005. WSU Master Gardener Conference, Pullman, WA.

"Exploding the myths: horticultural practices for healthy landscapes." 8 Sept 2005. WSU Master Gardener Conference, Pullman, WA.

"Continuing education - only the best for our Master Gardeners!" 8 Sept 2005. WSU Master Gardener Conference, Pullman, WA.

"Transplant science seminar and demonstration." 9 Apr 2005. Gorden's Garden Center, Yelm, WA.

"Urban warfare: will your landscape survive?" 5 Apr 2005. Whatcom County Master Gardeners, Bellingham, WA.

"Transplant science – will the patient survive?" 8 Mar 2005. Clallam/Jefferson Counties Master Gardener Basic Training, Sequim, WA.

"Landscape rehabilitation: a twelve-step program to a sustainable landscape." 8 Mar 2005. Clallam/Jefferson Counties Master Gardener Basic Training, Sequim, WA.

"Rescuing plants in bondage." 13 Feb 2005. Northwest Flower and Garden Show, Seattle, WA.

"Too much of a good thing: can organic amendments hurt your landscape?" 9 Feb 2005. Issaquah Garden Club, Issaquah, WA.

"WSU Master Gardeners: how university-trained volunteers can bring real change to urban landscapes." 8 Feb 2005. Emerald City Rotary Club, Seattle, WA.

"Interpreting information: science, soapbox, or scam?" 18 Jan 2005. King County Master Gardeners, Seattle, WA.

"Sustainable soils in urban landscapes." 8 Dec 2004. Washington Turf and Landscape Show, Bellevue, WA.

"Healthy urban landscapes: the science of sustainable landscape management." 7 Dec 2004. Washington Turf and Landscape Show, Bellevue, WA.

"Plants and water: understanding uptake, usage and stress responses." 6 Dec 2004. Washington Turf and Landscape Show, Bellevue, WA.

"Transplanting trees and shrubs: maximizing health and minimizing hassle." 6 Dec 2004. Washington Turf and Landscape Show, Bellevue, WA.

"Planting right for your site: what science tells us." 4 Dec 2004. National Resource Stewardship Network 10th Anniversary Forum, Seattle, WA.

"Transplant science: the key to healthy landscapes." 30 Nov 2004. Washington State Nursery and Landscape Association Fall Seminar Series, Seattle, WA.

"Myth-information: five favorite fallacies." 28 Oct 2004. Snohomish County Master Gardener Recognition Dinner, Everett, WA.

"Bare bones transplanting: a tough love approach." 27 Oct 2004. King County Master Gardener Recognition Dinner, Seattle, WA.

"Compost tea: separating fact from fantasy." 16 Oct 2004. Master Gardener Foundation of Washington State Conference, Olympia, WA.

"Plant myths debunked: an urban horticulturist's perspective." 8 Oct 2004. Fall Expo, Washington Chapter, American Society of Landscape Architects, Seattle, WA.

"Plants without problems: a good place to start." 5 Oct 2004. Kitsap County IPM Workshop, Poulsbo, WA.

"Mulches to reduce pesticide usage." 5 Oct 2004. Kitsap County IPM Workshop, Poulsbo, WA.

"Mulches for your beds: what works and what doesn't." 28 Sept 2004. Bellevue Garden Club, Bellevue, WA.

"Right plant/right place: the abiotic approach." 24 Sept 2004. Whatcom County Master Gardeners, Bellingham, WA.

"Urban plant stress: causes and symptoms of common environmental stresses." 14 Sept 2004. Clark County Master Gardeners, Vancouver, WA.

"Urban plant stress: causes and symptoms of common environmental stresses." 13 Sept 2004. King County Master Diagnosticians, CUH, Seattle, WA.

"Woody landscape plant materials." 6 Apr 2004. Whatcom County Master Gardeners, Bellingham, WA.

"Urban plant stresses." 2 Apr 2004. Kitsap County Master Gardeners, Silverdale, WA.

"Mulches vs. amendments." 2 Apr 2004. Kitsap County Master Gardeners, Silverdale, WA.

"Landscape Rehabilitation: a twelve-step program to a sustainable landscape." 27 Feb 2004 Skagit County Master Gardeners, Mt. Vernon, WA.

"Too much of a good thing: can soil amendments hurt your landscape?" 6 Feb 2004. Northwest Flower and Garden Show, Seattle, WA.

"Stressed out: how to recognize, treat, and avoid stresses in the home landscape." 5 Feb 2004. Northwest Flower and Garden Show, Seattle, WA.

"Mulches for your beds: what works and what doesn't." 3 Dec 2003. Washington Turf Association, Seattle, WA.

"Urban plant stress: causes and symptoms of common environmental stresses." 29 Oct 2003. City of Seattle Pesticide Recertification Seminar, Seattle, WA.

"Landscape rehabilitation: a twelve-step program to a sustainable landscape." 5 Sept 2003. Whatcom County Master Gardeners Advanced Training Seminar, Bellingham, WA.

"Urban plant stress physiology." 13 Mar 2003. Tools & Techniques to Manage the Urban Forest, Seattle, WA.

"Transplanting trees and shrubs: maximizing health, minimizing hassle." 21 Feb 2003. Northwest Flower and Garden Show, Seattle, WA.

"Healthy home landscapes: the science of sustainable landscape management." 15 Feb 2003. Port Townsend Master Gardeners, Port Townsend, WA.

"Healthy urban landscapes: the science of sustainable landscape management." 6 Feb 2003. WSU Pesticide Education Program, Lake Washington Technical College, Redmond, WA.

"Research and teaching in sustainable landscape sciences." 10 Jan 2003. Washington State Nursery and Landscape Association Conference, Seattle, WA.

"Sustainable management of public landscapes." 7 Nov 2002. Washington Recreation and Parks Association Mid-Year Conference, Redmond, WA.

"Successful weed management of woody perennials with wood chips." 7 Nov 2002. Green Gardening Program, Seattle, WA.

"Transplant science: the key to healthy landscapes." 31 Oct 2002. ProHort Program, CUH, UW, Seattle, WA.

"Horticulture in restoration." 25 Oct 2002. SERNW Design to Dirt Symposium Series, CUH, UW, Seattle, WA.

"Synthetics vs. botanicals: what do we need to know?" 3 Oct 2002. Natural Care: Basics and Beyond Workshop, Bainbridge Gardens, Bainbridge Island, WA.

"Landscape rehabilitation: a twelve-step program to a sustainable landscape." 12 Jun 2002. PlantAmnesty, CUH, UW, Seattle, WA.

"To mulch or amend? Use of organic material in permanent landscape installations." 23 May 2002. ProHort and Seattle Public Utilities Program, CUH, UW, Seattle, WA.

"Horticultural practices for healthy landscapes." 7 Mar 2002. WSU Pesticide Education Program, CUH, UW, Seattle, WA.

"Healthy landscape practices." 8 Feb 2002. Northwest Flower and Garden Show, Seattle, WA.

"Horticultural practices for healthy landscapes." 7 Mar 2002. WSU Pesticide Education Program, CUH, UW, Seattle, WA.

"Healthy landscape practices." 8 Feb 2002. Northwest Flower and Garden Show, Seattle, WA.

"Horticultural practices for healthy landscapes." 25 Jan 2002. WSU Pesticide Education Program, Edmonds Community College, Lynnwood, WA.

"Horticulture in restoration." 13 Nov 2001. ProHort Program, CUH, UW, Seattle, WA.

"Cherries in the landscape." 6 Nov 2001. ProHort Program, CUH, UW, Seattle, WA.

"Sustainable soils in urban landscapes." 23 Oct 2001. Association for Women in Horticulture, CUH, UW, Seattle, WA.

"Sustainable management practices." 26 Jul 2001. WSNLA Emerald Expo, Seattle, WA.

"Recognizing environmental stress symptoms." 1 Nov 2000. City of Seattle Pesticide Recertification Seminar, Seattle, WA.

"Plants under stress." 4 Feb 2000. WSU Pesticide Education Program, Highline Community College, Des Moines, WA.

"Ecological and economic effects of zebra mussels in the Great Lakes: Could Washington be the next 'Mussel Beach?'" 4 May 1999. Washington Co-op Seminar Series, Olympia, WA.

"What can we learn from the zebra mussel infestation in the Great Lakes? 1998. Washington Public Utility Districts, Douglas County, WA.

"Basic soil science." 1998. ProHort Program, CUH, UW, Seattle, WA.

"Plant stress physiology: focus on environmental stresses." 1998. Interstate Professional Applicators Association Winter School, Seattle, WA.

"Plants and water." 1998. ProHort Program, CUH, UW, Seattle, WA.

"Plant stress physiology." 1998. City of Seattle Pesticide Recertification Seminar, Seattle, WA.

"Identifying urban stress and plant health care." 1998. Interstate Professional Applicators Association Convention, Stevenson, WA.

"Urban plant stress physiology." 1997. ProHort Program, CUH, UW, Seattle, WA.

EXTENSION PRESENTATIONS - LOCAL (PIERCE COUNTY)

"Fall and winter garden care." 15 Nov 2021. Root and Bloom Garden Club, Puyallup, WA.

"Raised bed gardens: keeping your veggies - and your family - safe." 24 Jul 2020. Lakewood United, Tacoma, WA.

"Horticultural zombies – How to recognize and dispatch." 11 Jan 2020. Pierce County Master Gardeners, Puyallup, WA.

"Take it all off! The bare-root method of installing trees and shrubs." 23 Sept 2019. WSU PREC Appreciation Days, Puyallup, WA.

"You're stuck with the soil you've got – now deal with it! 21/14 Sept 2019. "Washington State Fair, Puyallup, WA.

"Horticultural zombies – How to recognize and dispatch." 12 Mar 2019. Pierce County Master Gardeners, Puyallup, WA.

"Mulches: getting ready for spring." 10 Jan 2019. Joint meeting of the Sand and Soil Garden Club and the Fox Island Garden Club, Fox Island, WA.

"When worlds collide: plant nutrients vs. fertilizers." 23 Jun 2019. Keynote speaker, Pierce County Master Gardener June Workshop, Tacoma, WA.

"Gardening zombies! Myths that refuse to die." 21 Mar 2018. The Tacoma Garden Club, Tacoma, WA.

"Sustainable soils in urban landscapes." 20 Apr 2017. Lakewold Gardens volunteer training, Lakewood, WA.

"Stressed out: how to treat and avoid drought stress in landscape plants." 25 Jun 2016. **Keynote speaker**, Pierce County MG Conference, Parkland, WA.

"Finding love in a sedentary world." 14 Apr 2016. Pierce County Beekeepers Association, Puyallup, WA.

"How plants work: getting ready for winter." 29 Sept 2015. Seymour Conservatory, Tacoma, WA.

"Too much of a good thing: How fertilizers and soil amendments can overload your soil, injure your plants, and contaminate the environment." 8 Nov 2014. Pierce County Master Gardeners, Puyallup, WA.

"Take it all off! The bare root approach." 20 Nov 2013. Tacoma Garden Club, Tacoma, WA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 13 May 2013. Buds and Blooms Celebration, Federal Way Rhododendron Gardens, Federal Way, WA.

"Digging up the dirt on garden myths." 7 May 2012. UW Tacoma Seminar Series, Tacoma, WA.

"Killing with kindness: why landscape trees and shrubs die." 29 Jan 2012. Tacoma Home and Garden (THG) Show, Tacoma, WA.

"Nursery school: learning how to select healthy plants." 28 Jan 2012. THG Show, Tacoma, WA.

"Landscape rehabilitation - a twelve-step program to a sustainable landscape." 4 Oct 2011. Northwest Perennial Alliance - Gig Harbor, Gig Harbor, WA.

"The Informed Gardener: Digging up myths and planting seeds of thought." 25 Jun 2011. Gig Harbor Garden Tour, Gig Harbor, WA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 31 May 2011. Pierce County Natural Yard Care, Lakewood, WA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs. 19 May 2011. Pierce County Natural Yard Care, Dupont, WA.

"Rooting out problems – how to improve plant establishment in your landscape." 30 Jan 2011. THG Show, Tacoma, WA.

"Meet your garden soil – up close and personal." 29 Jan 2011. THG Show, Tacoma, WA.

"Horticultural CSI – why did my landscape die?" 26 Jan 2011. THG Show, Tacoma, WA.

"Fall maintenance for your landscape." 13 Oct 2010. Pierce County Natural Yard Care, Puyallup, WA.

"The Informed Gardener Blooms Again: digging up myths and planting the seeds of thought." 5 May 2010. Lakewold Gardens, Lakewood, WA.

"Home grown goodness: Keeping your vegetables – and your family - safe." 31 Jan 2010. THG Show, Tacoma, WA.

"Stressed out: How to recognize, treat, and avoid stresses in your trees and shrubs." 30 Jan 2010. THG Show, Tacoma, WA.

"Miracle or marketing? Do garden remedies really work?" 27 Jan 2010. THG Show, Tacoma, WA.

"Landscape mulches: the good, the bad, and the just plain ugly." 21 Oct 2009. Tacoma Garden Club, Tacoma, WA.

"Selecting, installing, and caring for trees and shrubs." 8 Oct 2009. Puyallup Natural Yard Care workshop, Puyallup, WA.

"How sustainable landscaping practices can ensure a successful restoration project." 22 Apr 2009. Green Tacoma Partnership, Tacoma, WA.

"Choose healthy plants – and install them correctly." 21 Feb 2009. Natural Areas Stewardship Program, Tacoma, WA.

"The Informed Gardener: Dare to be heretical!" 19 Feb 2009. Key Center Library, Key Center, WA.

"How plants function in urban environments." 10 Feb 2009. Oak Harbor Garden Club, Oak Harbor, WA.

"Too much of a good thing: can soil amendments hurt your landscape?" 1 Feb 2009. THG Show, Tacoma, WA.

"Sustainable landscaping: Easier on your back, your wallet, and the environment." 29 Jan 2009. THG Show, Tacoma, WA.

"The "rights" of spring: avoid seven deadly sins when planting trees and shrubs." 28 Jan 2009. THG Show, Tacoma, WA.

"Sustainable landscapes and gardens." 20 Jan 2009. Arboretum Foundation Unit #98, Tacoma, WA.

"Plants without problems: selecting healthy nursery plants." 2 Feb 2008. THG Show, Tacoma, WA.

"Transplant science: the bare root method." 1 Feb 2008. THG Show, Tacoma, WA.

"Conserving water and reducing weeds with landscape mulches." 31 Jan 2008. THG Show, Tacoma, WA.

"Preparing ornamental landscapes for winter." 16 Oct 2007. Natural Yard Care Seminar Series, Tacoma/ Pierce County Health Department, Tacoma, WA.

"Choose healthy plants – and install them correctly." 7 Oct 2007. South Sound Chapter, Washington Native Plant Society, Tacoma, WA.

"Plants without problems: a good place to start." 1 Feb 2007. THG Show, Tacoma, WA.

"Diagnosis of environmental stresses in urban landscapes." 9 Dec 2006. Puget Sound Green Industry Seminars, WSU Puyallup Research and Extension Center, Puyallup, WA.

"Environmental stresses in urban landscapes." 10 Jul 2006. Pierce County Master Gardeners, Puyallup, WA.

"Improving the success of native landscapes." 5 Apr 2006. Washington Native Plant Society Native Plant Stewardship Training, Tacoma, WA.

"Mulching urban soils for water conservation." 11 Mar 2006. Tahoma Fruit Society, Tacoma, WA.

"Redefining horticulture: meeting the needs of an increasingly urbanized population." 15 Feb 2006. WSU ANR Days, Puyallup, WA.

"From gardens to greenspaces: How WSU Master Gardeners can bring real change to urban landscapes." 15 Feb 2006. WSU ANR Days, Puyallup, WA.

"Urban landscape soil management." 26 Oct 2005. Puget Sound Green Industry Seminars, WSU Puyallup Research and Extension Center, Puyallup, WA.

"Mulch well, mulch often: managing urban landscapes sustainably." 16 Mar 2005. WSU Puyallup Symposium [Managing urban soils for water conservation], Puyallup, WA.

"Transplant science: the key to healthy landscapes." 16 Dec 2004. Washington State Nursery and Landscape Association Fall Seminar Series, Puyallup, WA.

"Sustainable community landscapes: trans-disciplinary conservation community learning." 13 Dec 2004. **Keynote speaker**, Urban Habitats Tacoma, University of Puget Sound, Tacoma, WA.

"Landscape rehabilitation: a twelve-step program to a sustainable landscape." 16 Nov 2004. Pierce County Master Gardener Advanced Training, Puyallup, WA.

"Urban tree stress: life in the city." 3 Nov 2004. Puget Sound Green Industry Seminar Series, Puyallup, WA.

"Healthy home landscapes." 19 Feb 2003. Tacoma Garden Club, Tacoma, WA.

FUND GENERATION (GRANTS)

Rubric: (1) Provided initial idea; (2) Developed research design and hypotheses; (3) Authorship of grant application; (4) Developed and/or managed budget; (5) Managed personnel and project activities. Dollar value after project title is total project value; dollar value in rubric parentheses is money directly to my program. Dates are fiscal years.

SUMMARY – \$172,227 IN DIRECT PROGRAM FUNDING* (2004 - CURRENT)

*In my Extension position, I do not have a lab or research support, so I do not receive direct program funds from many research grants on which I am a PI or co-PI. Given the limited funds available from many of these agencies, I allow my co-PIs to use the grants to support their labs and personnel.

WASHINGTON STATE UNIVERSITY

CURRENT

- 2020-2021** Bimodal seed mixes for sustainable urban landscapes - year 2. Chicona Endowment Graduate Assistantship. \$16,795. PI L. Chalker-Scott, Co-PI A. Feliciano. **(2,3,4,5; \$7,795.)**
- 2020-2021** Bimodal seed mixes for sustainable urban landscapes - year 2. Washington State Department of Agriculture Nursery Grants Program. \$16,795. PI L. Chalker-Scott, Co-PI A. Feliciano. **(2,3,4,5; \$9,000.)**
- 2019-2021** Overwatering and overfertilizing landscape plants: why this behavior happens and how it affects environmental health. Idaho State Department of Agriculture Nursery Advisory and Florists Advisory Committee. \$2623. PI L. **Chalker-Scott (1,2,3,4,5; \$2,623)**
- 2019-2022** The effects of mulch on stormwater treatment and maintenance effort in bioretention systems. City of Puyallup. \$191,495. PI A. Jarakayan, Co-PIs L. **Chalker-Scott**, B. Simmons, J. Stark. **(1,2,3,4,5; \$17,588.75)**
- 2017-2100** Writing retreat and workshop .Chicona Fund. \$4100. PI L. **Chalker-Scott**, Co-PI C. Daniels. **(1,2,3,4,5; \$4,100)**

COMPLETED

- 2020** Bimodal seed mixes for sustainable urban landscapes. Washington State Department of Agriculture Nursery Grants Program. \$14,825. PI L. **Chalker-Scott**, Co-PI A. Feliciano. **(2,3,4,5; \$14,825)**
- 2018** Oxygen availability in soils under various mulch materials (year 2). Washington State Department of Agriculture Nursery Grants Program. \$15,000. PI L. **Chalker-Scott**, Co-PIs M. Flury, D. Collins, A. Bary. **(1,2,3,4,5; \$0)**
- 2017** Oxygen availability in soils under various mulch materials. Washington State Department of Agriculture Nursery Grants Program. \$20,000. PI L. **Chalker-Scott**, Co-PIs M. Flury, D. Collins, A. Bary. **(1,2,3,4,5; \$0)**
- 2015** Where does P come from? Solving a science puzzle, saving our lake! Chamber-Clover Creek Watershed Council. \$2,431.10. PI J. Wu, Co-PIs L. **Chalker-Scott**, R. Ewing. **(1,2; \$0)**
- 2016** Scientific literacy workshop for landscape professionals. Chicona Endowment Fund. \$8,075. PI L. **Chalker-Scott**. **(1,2,3,4,5; \$8,075)**

- 2015** Multi-scale assessment of phosphorus pollution potential in the increasingly urbanized Puget Sound region. CAHNRS ERI. \$70,895. PI J. Wu, Co-PIs **L. Chalker-Scott**, D. Collins, J. Harrison, B. Bodah. **(1,2; \$0)**
- 2015** Response of ornamental plants to experimental soil amendment. CityMix Contract. \$4662. PI **L. Chalker-Scott**. **(1,2,3,4,5; \$4662)**
- 2014** Pacific madrone research conference. Chicona Endowment Fund. \$2,000. PI G. Chastagner, Co-PIs **L. Chalker-Scott**, M. Elliott, R. Hummel. **(2,3,4,5; \$0)**
- 2014** Assessing non-point source nutrient pollution potential in the increasingly urbanized Puget Sound region. Chicona Endowment Fund. \$4,000. PI J. Wu, Co-PI **L. Chalker-Scott** **(1,2; \$0)**
- 2014** Multi-scale assessment of phosphorus pollution potential in a rapidly urbanizing environment: Puget Sound region, Washington. CAHNRS ERI. \$79,937. PI J. Wu, Co-PIs **L. Chalker-Scott**, D. Collins, J. Harrison, B. Bodah. **(1,2; \$0)**
- 2014** Scientific inquiry and method: Becoming a literate citizen scientist. WSU Extension. \$4551. PI **L. Chalker-Scott**, Co-PI C. Daniels. **(1,2,3,4,5; \$4,551)**
- 2013** Garden Professors Community of Practice optimization (National eXtension, Fall 2013: \$50,000). PI **L. Chalker-Scott**, four Co-PIs outside WSU. **(1,2,3,4,5; \$50,000)**
- 2007** Web-based Master Gardener training for core competencies. CAHNRS. \$50,000. Co-PI **L. Chalker-Scott**, multiple other WSU faculty and staff. **(3; \$0)**
- 2007** Weed suppression with organic mulch. Chicona Endowment Fund. \$6,600. PI **L. Chalker-Scott**, Co-PI E. Eulenberg. **(1,2,3,4,5; \$6,600)**
- 2005** Master Gardener basic training manual rewrite – author stipends. Washington Foundation for the Environment. \$1,000. PI **L. Chalker-Scott**. **(1,2,3,4,5; \$1,000)**
- 2004** Development of an industry-specific basic training manual in sustainable management of urban landscapes. Washington State Department of Agriculture Nursery Grants Program: \$20,000 and Washington State Nursery and Landscape Association: \$11,407. PI **L. Chalker-Scott**. **(1,2,3,4,5; \$31,407)**
- 2004** Master Gardener basic training manual rewrite - copy editor. Chicona Endowment Fund. \$5,000. PI **L. Chalker-Scott**. **(1,2,3,4,5; \$5,000)**
- 2004** Master Gardener basic training manual rewrite - scientific illustrator. Chicona Endowment Fund. \$5,000. PI **L. Chalker-Scott**. **(1,2,3,4,5; \$5,000)**

GIFT FUND GENERATION

SUMMARY – \$96,194.59 IN UNRESTRICTED PROGRAM GIFTS SINCE FY 2005*

* does not include credit card donations or donations made directly to the WSU Foundation

2021 - \$10,685.00	2016 - \$4,449.00	2011 - \$3,848.11	2006 - \$2,905.03
2020 - \$5,655.95	2015 - \$4,438.55	2010 - \$12,553.50	2005 - \$5,694.75
2019 - \$4,805.11	2014 - \$1,689.47	2009 - \$3,994.00	
2018 - \$5,293.78	2013 - \$5,051.32	2008 - \$11,312.27	
2017 - \$4,885.00	2012 - \$5,483.36	2007 - \$4,450.39	

SUMMARY – \$380,879 IN DIRECT PROGRAM FUNDING

- 2003** Comparisons of plant quality among large production nurseries. Washington State Department of Agriculture Nursery Grants Program. \$20,000. PI L. **Chalker-Scott. (1,2,3,4,5; \$20,000)**
- 2002** Assessment of a 100% recycled soilless medium for use in container plant propagation. Recovery 1, Tacoma, WA. \$15,000. PI L. **Chalker-Scott. (1,2,3,4,5; \$15,000)**
- Will a carbon-rich mulch cause nitrogen deficiency in landscape plants? Washington State Department of Agriculture Nursery Grants Program. \$28,294. PI L. **Chalker-Scott. (1,2,3,4,5; \$28,294)**
- Management of whitebark pine: assessing predisposition to fire and disease. USDI National Park Service. \$16,069. PI L. **Chalker-Scott. (1,2,3,4,5; \$16,069)**
- Sustainable Community Landscapes educational symposium. DNR Community Forestry Assistance Grants Program. \$1,475. PI L. **Chalker-Scott. (1,2,3,4,5; \$1,475)**
- Turf application of phosphate fertilizer and potential for groundwater contamination. King County Dept. of Natural Resources. \$10,000. PI L. **Chalker-Scott. (1,2,3,4,5; \$10,000)**
- 2001** Treating containerized trees as bare-root material: a comparison of tree installation techniques. International Society of Arboriculture Duling Research Grants. \$5,000. PI L. **Chalker-Scott. (1,2,3,4,5; \$5,000)**
- Treating containerized shrubs as bare-root material: a comparison of installation techniques. Washington State Department of Agriculture Nursery Grants Program. \$23,754. PI L. **Chalker-Scott. (1,2,3,4,5; \$23,754)**
- Is foliar chlorosis in *Rhododendron* due to excess soil phosphorus? Washington State Department of Agriculture Nursery Grants Program. \$25,014. PI L. **Chalker-Scott. (1,2,3,4,5; \$25,014)**
- Hérons Glen wetland restoration project. CBC Inc. \$10,000. PI L. **Chalker-Scott. (1,2,3,4,5; \$10,000)**
- Determination of the effects of anti-icer compounds upon the rare plant *Hackelia venusta*. Washington State Department of Transportation. \$11,900. PI L. **Chalker-Scott. (1,2,3,4,5; \$11,900)**
- Sustainable Community Landscapes: Restoring Public Urban Sites. UW Tools for Transformation. \$50,000. PI L. **Chalker-Scott. (1,2,3,4,5; \$50,000)**
- 2000** Sustainable community landscapes: organizational meeting. CFR Incubation Team. \$13,000. PI L. **Chalker-Scott. (1,2,3,4,5; \$13,000)**
- Comparative susceptibility of soil type to compaction and subsequent impact on *Arbutus menziesii*. Save Magnolia's Madrones. \$12,886. PI L. **Chalker-Scott. (1,2,3,4,5; \$12,886)**
- 1999** Comparative control mechanisms for English ivy (*Hedera helix*) in Seattle City Parks. Seattle Dept. Parks and Recreation. \$60,823. PI L. **Chalker-Scott. (1,2,3,4,5; \$60,823)**
- Preventing the spread of zebra mussels (*Dreissena polymorpha*) into Washington State. Washington Dept. of Fish and Wildlife. \$20,001. PI L. **Chalker-Scott. (1,2,3,4,5; \$20,001)**
- 1998** Preventing the spread of zebra mussels (*Dreissena polymorpha*) into Washington State. Washington Dept. of Fish and Wildlife. \$5,005. PI L. **Chalker-Scott. (1,2,3,4,5; \$5,005)**
- 1997** Histochemical examination of phenolic deposition during development of stress resistance in *Rhododendron*. McIntire-Stennis Grants Program. \$52,658. PI L. **Chalker-Scott. (1,2,3,4,5; \$52,658)**

SUMMARY – \$321,864 IN DIRECT PROGRAM FUNDING

- 1996** Nutritional changes in ultraviolet-B irradiated *Chlamydomas reinhardtii* as monitored by population dynamics in *Daphnia pulex*. Research Incentive Grant, SUNY College at Buffalo. \$8,124. PI **L. Chalker-Scott**, Co-PI J. Scott. (1,2,3,4,5; \$8,124)
- 1995** Differences among high, ambient, and no ultraviolet-B (UV-B) radiation in induction of cold hardiness in *Rhododendron* leaves. Faculty of Natural and Social Science Research Mini-Grant. \$858. PI **L. Chalker-Scott**. (1,2,3,4,5; \$858)
- Travel grant to present paper at American Society for Photobiology Conference, Washington, DC. New Faculty Development Award, United University Professions at SUNY College at Buffalo. \$717. PI **L. Chalker-Scott**. (1,2,3,4,5; \$717)
- 1994** Leaf lipid profile of *Castanea dentata* [(Marsh.) Borkh.] and related species. American Chestnut Foundation. \$1,000. PI **L. Chalker-Scott**. (1,2,3,4,5; \$1,000)
- Nutritional changes in ultraviolet-B irradiated *Chlamydomas reinhardtii* as monitored by population dynamics in *Daphnia pulex*. SUNY College at Buffalo Research Incentive Grant. PI **L. Chalker-Scott**, Co-PI J. Scott. (1,2,3,4,5; \$4,000)
- 1993** Isolation and identification of stress-induced phenolic compounds in *Rhododendron*. Research Incentive Grant, SUNY College at Buffalo. \$4,500. PI **L. Chalker-Scott**. (1,2,3,4,5; \$4,500)
- In-vitro germination of pink lady's slipper orchid (*Cypripedium acaule*). SUNY College at Buffalo Research Foundation. \$2,300. PI **L. Chalker-Scott**. (1,2,3,4,5; \$2,300)
- 1992** Application of wide-range ultraviolet radiation for zebra mussel control. National Sea Grant Program. \$256,553. PI **L. Chalker-Scott**. (1,2,3,4,5; \$256,553)
- Effect of ultraviolet-B radiation (280-320 nm) on survivorship of zebra mussel (*Dreissena polymorpha*): a potential control strategy. National Sea Grant Program. \$34,467. PI **L. Chalker-Scott**. (1,2,3,4,5; \$34,467)
- 1991** A study of two germination techniques with *Cypripedium acaule*. Faculty of Natural and Social Science Research Mini-Grant. \$250. PI **L. Chalker-Scott**. (1,2,3,4,5; \$250)
- Development of a possible ice barrier in flower buds of *Rhododendron* and *Azalea*. American Rhododendron Society. \$1,815. PI **L. Chalker-Scott**. (1,2,3,4,5; \$1,815)
- Travel grant to present paper at ASHS Northeast Regional Meeting, Burlington, VT. New Faculty Development Award, United University Professions at SUNY College at Buffalo. \$630. PI **L. Chalker-Scott**. (1,2,3,4,5; \$630)
- 1990** Construction of a Differential Thermal Analysis (DTA) apparatus for cold hardiness determinations. Faculty of Natural and Social Sciences Mini Grant Proposal. \$800. PI **L. Chalker-Scott**. (1,2,3,4,5; \$800)
- Incorporation of ¹⁴C-L-phenylalanine into cell walls of sublethally cold stressed *Rhododendron* leaves. SUCB Research Foundation, Research Incentive Fund. \$5,850. PI **L. Chalker-Scott**. (1,2,3,4,5; \$5,850)

GRANTS DENIED

Total grants denied / Total requested dollars to program denied (not total grant value)

2021	1 / \$20,000	2020	2 / \$119,989	2010	0 / \$0	2000	2 / \$86,090	1990	2 / \$78,723
		2019	0 / \$0	2009	1 / \$2,400	1999	4 / \$604,365	1989	1 / \$2,500
		2018	0 / \$0	2008	1 / \$4,200	1998	8 / \$1,168,726		
		2017	1 / \$23,000	2007	4 / \$466,199	1997	1 / \$14,502		
		2016	1 / \$0	2006	2 / \$200,164	1996	0 / \$0		
		2015	1 / \$0	2005	3 / \$179,051	1995	0 / \$0		
		2014	1 / \$0	2004	1 / \$425,376	1994	4 / \$783,440		
		2013	1 / \$0	2003	4 / \$1,415,154	1993	2 / \$375,918		
		2012	3 / \$55,634	2002	6 / \$95,212	1992	1 / \$2,000		
		2011	0 / \$0	2001	3 / \$39,973	1991	1 / \$93,561		

UNIVERSITY INSTRUCTION

WASHINGTON STATE UNIVERSITY

GUEST LECTURER (*one lecture per year unless otherwise noted*)

Majors/nonmajors course

Introduction to cultivated plants (HORT 102): Fall 2017 (Evaluating horticultural products and practices), 2012 (Nursery School: learning how to select healthy plants).

Majors course

Landscape Plant Installation and Management (HORT 331, two lectures per year): Spring 2009-2012. Choose healthy plants - and install them correctly.

Graduate course

Seminar/Graduate Seminar (HORT 509/510): Fall 2019, Spring 2020. Citizen science - improving critical thinking skills.

UNIVERSITY OF MASSACHUSETTS AT AMHERST

FACULTY INSTRUCTOR, STOCKBRIDGE SCHOOL (*online*) (2019-present)

Sustainable Horticulture (STOCKSCH 110) - This is a one-semester introduction to the applied plant and soil sciences necessary to managing gardens and landscapes sustainably.

UNIVERSITY OF WASHINGTON

GUEST LECTURER (*generally one lecture per year, 2004-present*)

Restoration Ecology Network Capstone Course (ESRM 462) - Improving restoration success using sustainable horticultural practices.

FACULTY INSTRUCTOR (1997-2004)

Nonmajors courses (100 level)

Introduction to Environmental Science Freshman Seminar

Majors/graduate student courses (400 level)

Native Plant Propagation (team taught)
Horticultural Stress Physiology
Selection and Management of Landscape Plants
Field Practicum in Landscape Plant Management

Graduate course (500+ level)

Issues in Urban Horticulture (team taught)

SUNY COLLEGE AT BUFFALO

FACULTY INSTRUCTOR (1989-1997)

Nonmajors courses (100 level)

Principles of Biology
Environmental Biology

Majors/nonmajors courses (100-200 level)

General Botany
Introductory Cell Biology

Majors course (400 level)

Plant Physiology

Graduate courses (500+ level)

Plant Ecology (team taught)
Plant Responses to Stress
Fundamentals of Environmental Physiology (team taught)
Graduate Seminar (team taught)

OREGON STATE UNIVERSITY

TEACHING ASSISTANT (1987-1988, 1978-1980)

Nonmajors courses (100 level)

General Biology laboratories and recitations

REED COLLEGE

DEPARTMENTAL ASSOCIATE (1981-1983)

Majors/nonmajors courses (100 level)

Introductory Biology laboratories

LANE COMMUNITY COLLEGE

FACULTY INSTRUCTOR, PART-TIME (1980-1981)

Majors/nonmajors courses (100 level)

Ecology and the Environment
Marine Biology

UNIVERSITY MENTORING

GRADUATE STUDENT ADVISING - WASHINGTON STATE UNIVERSITY

MAJOR ADVISOR

IN-PROGRESS

- PhD** Alejandra Feliciano, 2017 - present. Note: Alejandra is employed as an instructor at Edmonds Community College while working on her doctorate degree.
- MSAg*** Lisa Smith, 2021 - present.
Amy Huie, 2021 - present.

*MSAg = Masters of Science in Agriculture

GRADUATED

- PhD** Dr. Eric Eulenberg, *Effects of wood chip mulches on weed suppression and woody plant establishment*. April 2012. Currently: Freelance teacher (Washington).
- MS** Irena Neffeova, *Influence of pre-transplanting treatments on root establishment in woody plants*. 2012 - 2013.
- MSAg** Brianna Wells, *Happy Trowels internship*. 2019-2020. Currently: Instructor in Floral Design in Ogden, Utah.
- Alexander Liang, *Review of integrated biological control measures for sciarid, phorid and cecid pests of mushroom*. 2017-2020. Currently: Gardener at Jane Gil Gardens, Staten Island, NY.
- Leah Rottke, *Alternative water sources for sustainable urban agriculture: desalination, stormwater harvesting, air conditioning condensate recovery*. 2014 - 2017. Currently: Program Coordinator and Faculty, Department of Ornamental Horticulture, Cuyamaca College (California).
- Heather Malone, *Sustainable peat moss alternatives in custom soil mixes for home gardeners*. 2012 - 2013. Currently: Agriculture Inspector, US Department of Homeland Security (California).

GRADUATE COMMITTEE MEMBER

IN-PROGRESS

- MS** Bailey Hallwachs, 2020-present. Major Advisor: Dr. Bhaskar Bondada.

GRADUATED

- MSAg** Veronica Miniard, 2021. Major Advisor: Dr. Alan Felsott
Paula Dinius, 2005-2010. Major Advisor: Dr. Michael Swan (Department of Crops and Soil Sciences, WSU. Currently: WSU Urban Horticulture Specialist, Chelan County, WA.

MAJOR ADVISOR

- MEH*** Cindy Riskin, *Guidebook to invasive nonnative plants of the Elwha Watershed Restoration, Olympic National Park, Washington*. 2012-2013. Currently: Freelance writer and high-tech communications.
- Kathleen DeMaria, *Horticultural practices in restoration projects: a systematic review*. 2010. Currently: Seattle arborist (Washington).
- Deborah Brown, *A tree management plan for the University of Washington, Seattle campus*. 2007. Currently: Seattle Parks and Recreation arboriculturist (Washington).
- Amanda Stuckey, *Effects of planting techniques on Pacific Northwest native conifers in urban forested open spaces*. 2007.
- *MEH = Masters of Environmental Horticulture
- MS** Jina Chan, *Effects of harvest method and stratification on germination of California beaked hazelnut (Corylus cornuta var. californica)*. 2004. Currently: Programmer, Aquent (Washington).
- Scott Olmsted, *Foliar chlorosis in Rhododendron due to excess soil phosphorus*. 2004. Currently: Wetland ecologist, US Army Corps of Engineers (Washington).
- Paul Cereghino, *Survival and growth of three native shrubs planted as unrooted cuttings across a wetland-upland gradient: Cornus sericea, Rubus spectabilis, and Symphoricarpos albus*. 2004. Currently: Restoration ecologist, NOAA (Washington).
- Tammy Stout, *Treating containerized material as bare-root material: a comparison of installation techniques*. 2004. Currently: Wetland ecologist, Cascade Environmental Group (Oregon).
- Jennifer Brickey, *Determination of the effects of anti-icer compounds upon the rare plant Hackelia venusta*. 2004. Currently: Forest Ecologist, USFS (Idaho).
- Gemma Alexander, *Effect of mulch on Pacific Northwest natives*. 2003. Currently: Freelance writer (Washington).
- David Bergendorf, *The influence of soil properties on the morphology and health of the Pacific madrone (Arbutus menziesii Pursh) in Seattle public parks*. 2002. Currently: National budget coordinator, USFS (Washington DC).
- Taryn Bauerle, *Relative effectiveness of control mechanisms for juvenile English ivy (Hedera helix) as determined by environmental and physiological variables*. 2001. Currently: Associate Professor of Horticulture, Department of Plant Sciences, Cornell University (New York).
- Michelle Salemi, *Seasonal characterization of the phenolic layer beneath floral buds of Rhododendron spp.* 1999. Currently: Research Associate, UC Davis Genome Center (California).

GRADUATE COMMITTEE MEMBER

- | | |
|---|--|
| <p>PhD Kuntinee Suvarnakich, 2003
Perry Gayaldo, 2002
Ann Cavender, 2000*
*serving as Graduate School Representative to the Department of Comparative Literature</p> | <p>MS Michael Bradshaw, 2015
Dangelei Fox, 2008
Rodney Pond, 2005
Katie McGowan, 2004
Jason Ontjes, 2003
Chrissy Scannell, 2000
Holly Becher Stoj, 1998</p> |
| <p>MFR* Mike McLean, 2005
Steven Van Hoven, 2003
Eric Gay, 1999
MFR = Masters of Forest Resources</p> | <p>MLA Carolyn Salisbury, 2003
*MLA = Masters of Landscape Architecture</p> |

UNDERGRADUATE RESEARCH SUPERVISION - UNIVERSITY OF WASHINGTON

- Heidi Watters, *Plant selection approach and method*. Mary Gates Scholarship Recipient, Winter 2000 - Fall 2000.
- Angela Cahill, *Influence of soil texture and compaction on success of Arbutus menziesii seedlings*. Mary Gates Scholarship Recipient, Winter 1999 - Fall 1999.

INDEPENDENT STUDY SUPERVISION - UNIVERSITY OF WASHINGTON

- Ilana Calvert, *Natural fungicides: literature review and fact sheet preparation*. Fall 2012.
- Melissa Mock, *Landscape installation practicum*. Winter 2010.
- Morea Christenson, *Montlake Elementary garden design and installation*. Autumn 2002-Spring 2003.
- Martin Jones, *Junior arborist handbook*. Autumn 2002.
- Doug Schmitt, Autumn 2002.
- Joel Uttech, Autumn 2002.
- Lori Darrin, *Comparison of plant installation techniques*. Winter 2002.
- Erik Lewis, *Follow-up on REN Capstone Experience*. Winter 2002.
- Eric Smits, *Vegetation management in the historical district at Sandpoint Magnuson Park in Seattle, Washington*. Autumn 2002.
- Lena Jones, *Three parks for the summer: community involvement and success in urban park restoration*. Spring 2002.
- Rachel Ramos, *Ramos family landscape design*. Autumn 2001.
- Heidi Watters, *Plant selection approach and method*. Spring 2001.
- Jesse Craven, *Evaluation of compost tea effectiveness in combating cherry blossom brown rot*. Spring 2001.
- Sharon Collman, *Host selection by root weevils*. 1997-2001.
- Rick Bailey, *Creation of the Bear Tree Pond landscape*. Autumn 2000.
- Jessica Christensen, *Comparison of mulched and unmulched restoration plots in the Union Bay Natural Area*. Autumn 2000.
- Erik Lewis, *Effectiveness of mulch in preventing weed growth of containerized nursery stock*. Autumn 2000.
- Phillis Yu, *Danny Woo International Garden: a community garden*. Summer 2000.
- Ty Snethan, *Crindodendron patagua performance evaluation*. Spring 2000.
- Angie Cahill, *Crindodendron patagua performance evaluation*. Winter 2000.
- Nori Cryder, *Crindodendron patagua performance evaluation*. Summer 1999, Fall 1999.
- Christy Carr, *Crindodendron patagua performance evaluation*. Fall 1998, Winter 1999.
- Gemma Alexander, *Crindodendron patagua performance evaluation*. Summer 1998.
- Tina Hazenberg and Annie Habedank, *Crindodendron patagua performance evaluation*. Spring 1998.

SUMMER INTERNS - UNIVERSITY OF WASHINGTON

- Nicole Bender & Alberto Nunez, *ALVA interns*. 2000.
- Stephanie Moniz, *STEM intern*. 2000.

GRADUATE STUDENT ADVISING - SUNY COLLEGE AT BUFFALO

MAJOR ADVISOR

GRADUATED

- MA** Alynda Empie, *Monitoring population dynamics in Daphnia pulex fed ultraviolet-B irradiated Chlamydomonas reinhardtii – an investigation into food quality modification*. 1998. Currently: Ecologist, WSP USA (Massachusetts).
- Carol Siegel, *Non-polar lipid profile of leaves of Castanea dentata (Marsh.) Borkh., Castanea dentata (Marsh.) Borkh. hybrids, and other Castanea spp.* 1997. Currently: Senior research technician, Roswell Park Cancer Institute (New York).
- Norman Johnson, *Effects of germicidal ultraviolet radiation on the quality of a wastewater treatment facility effluent containing algal total suspended solids*. 1996. Currently: Microbiologist, Life Technologies (New York).
- Chris A. Dunning, *The effect of prior exposure to ultraviolet-B radiation on the 'English Roseum' cultivar of rhododendron and its subsequent ability to cold harden*. 1993. Currently: Farmer (Nebraska).
- MS** Anne Snyder, *A comparison of germination techniques on the seeds of Cypripedium acaule (Ait.)*. 1996. Currently: Chemistry teacher, Frontier High School (New York).
- Susan M. Brodka, *The effects of boron deficiency and mechanical stress on broccoli*. 1993. Currently: Biology teacher (retired), Heim Middle School (New York).
- Julie A. Lockett, *A study of the association between Ribes uva-crispa L., the European gooseberry, and Sphaerotheca mors-uvae [(Schwein.) Berk. & Curt.], the American gooseberry mildew*. 1992. Adjunct faculty, SUNY College at Buffalo (deceased) (New York).

GRADUATE COMMITTEE MEMBER

- MA** Jason Scalia, 1997
Sandra Paré Keppner, 1996
Harold Keppner, 1994
Robert Maslanka, 1991
Robert Klips, 1990
- MS** Laura Hegedus-Gill, 1995

UNDERGRADUATE RESEARCH SUPERVISION - SUNY COLLEGE AT BUFFALO

Multiple students, *Antibiotic metabolites in Rhododendron*. Ronald McNair Postbaccalaureate Achievement Program - Summer 1995.

Multiple students, *Interactions among plant stresses*. Ronald McNair Postbaccalaureate Achievement Program - Summer 1993.

Multiple students, *UV-B radiation effects on the photosynthetic and nitrogen-fixing capabilities of blue-green "algae" (Cyanobacteria)*. NSF Research Experiences for Undergraduates in Aquatic Biology - Fall 1989.

PROFESSIONAL ORGANIZATION MEMBERSHIP AND SERVICE

INTERNATIONAL - CURRENT

- 2001-present** International Society for Arboriculture
2007-2014 Certified Proctor, ISA Certification Program

NATIONAL - CURRENT

- 2006-present** American Association of University Professors
2014-present American Society of Consulting Arborists
2014-present National Association of County Agricultural Agents
2020-2022 Western Vice Chair, Horticulture and Turfgrass, Professional Improvement Council

NATIONAL - PREVIOUS

- 1984-2006** American Society for Horticultural Science
1999-2001 Outstanding Undergraduate Educator Award Selection Committee
1998-2001 ASHS Membership Representative
- 1980-2008** American Society for Photobiology
2002-2005 Council Member
2002 Chair, Mentoring Committee
- 1984-1997** American Society for Plant Physiology
2007-2010 Garden Writers Association
2010-2015 National eXtension
2010-2015 Content Team Advisor for Gardens, Lawns and Landscapes webpages, eXtension Consumer Horticulture Community of Practice
- 1995-2004** Sigma Xi
1999-2004 President, University of Washington Chapter
1995-1997 Treasurer, SUNY College at Buffalo Chapter

REGIONAL - CURRENT

- 2020-present** Western Chapter, ISA, ex-officio board member
- 2017-present** Western Extension and Research Activity (WERA-1013) Intermountain and Regional Evaluation and Introduction of Native Plants working group
2019 Host, WERA-1013 annual meeting, Spokane WA

STATE - CURRENT

- 2014-present** Washington Extension Agents and Specialists Association

JOURNAL EDITOR AND REVIEW ACTIVITIES

EDITORIAL

Editorial Board member, Compost Science and Utilization, 2015-present
Editorial Board member, Horticulturae, 2014-2018
Contributing Editor, Fine Gardening magazine, 2010-2021
Editor of International Journal of Agriculture and Biology, 2010-2015

REVIEWER

- 2021** *Agronomy, Agrosystems, Applied Sciences, Arboriculture and Urban Forestry, Environmental Advances, European Journal of Wood and Wood Products, Forestry, Geosciences and Environment, Journal of the American Society for Horticultural Science, Journal of the NACAA, Microorganisms, Plants, Scientia Horticulturae, Sustainability, Urban Forestry and Urban Greening, Washington State University Extension Publications.* Reviewed 21 manuscripts.
- 2020** *Agronomy, Applied Sciences, Arboriculture and Urban Forestry, Environmental Advances, European Journal of Wood and Wood Products, Forests, Journal of the NACAA, Microorganisms, Urban Forestry and Urban Greening, World Review of Science, Technology, and Sustainable Development.* Reviewed 10 manuscripts.
- 2019** *Agronomy, Arboriculture and Urban Forestry, Compost Science and Utilization, European Journal of Wood and Wood Products, HortTech, Journal of the American Society for Horticultural Science, Journal of Plant Physiology, Microorganisms, PLOS One, Torrey Botanical Society, University of California ANR Publications, Urban Forestry and Urban Greening, Washington State University Extension publications.* Reviewed 17 manuscripts.
- 2018** *Biological Agriculture and Horticulture, Children, Youth and Environments, HortScience, HortTech, Journal of Photochemistry and Photobiology B: Biology, Soil and Tillage Research, Washington State University Extension publications.* Reviewed 10 manuscripts.
- 2017** *Horticulturae, HortTech, Journal of Experimental Botany, Urban Forestry and Urban Greening, Washington State University Extension publications.* Reviewed 12 manuscripts.
- 2016** *Folia Horticulturae, Horticulturae, HortTech, International Journal of Environment and Pollution, Journal of the Saudi Society of Agricultural Sciences, Sustainability, Urban Forestry and Urban Greening, Washington State University Extension publications.* Reviewed 27 manuscripts.
- 2015** *Arboriculture and Urban Forestry, Compost Science and Utilization, Soil and Tillage Research, Urban Forestry and Urban Greening, Washington State University Extension publications.* Reviewed 24 manuscripts.
- 2014** *Annals of Botany, Arboriculture and Urban Forestry, Arizona Cooperative Extension, Compost Science and Utilization, Urban Forestry and Urban Greening, Washington State University Extension publications.* Reviewed 26 manuscripts.
- 2013** *Arboriculture and Urban Forestry, Ecological Informatics, HortScience, HortTech, Journal of Environmental Horticulture, Urban Forestry and Urban Greening, Washington State University Extension publications.* Reviewed 25 manuscripts.
- 2012** *Arboriculture and Urban Forestry, Canadian Journal of Plant Pathology, Ecological Informatics, HortTech, Journal of Plant Physiology, Scandinavian Journal of Forest Research, Washington State University Extension publications.* Reviewed 18 manuscripts.
- 2011** *Advances in Horticultural Science, Arboriculture and Urban Forestry, Compost Science and Utilization, Washington State University Extension publications.* Reviewed 4 manuscripts.

- 2010** *Arboriculture and Urban Forestry, Compost Science and Utilization, International Journal of Agriculture and Biology, Soil and Tillage Research, Washington State University Extension publications, Waste Management and Research.* Reviewed 6 manuscripts.
- 2009** *Arboriculture and Urban Forestry, Chemistry of Materials, Compost Science and Utilization, Environmental and Experimental Botany, HortScience, Journal of Cleaner Production, Journal of Environmental Monitoring, Journal of Experimental Botany, New Phytologist, Waste Management and Research.* Reviewed 12 manuscripts.
- 2008** *Arboriculture and Urban Forestry, Journal of Cleaner Production, Journal of Environmental Monitoring, International Journal of Agriculture and Biology, Journal of Plant Physiology, Native Plants Journal, Open Environmental Engineering Journal, Photochemical and Photobiological Sciences, Tree Physiology.* Reviewed 11 manuscripts.
- 2007** *Environmental and Experimental Botany, HortTech, Journal of the American Society for Horticultural Science, Journal of Plant Physiology, Molecules, OSU Extension publications, Waste Management and Research.* Reviewer for: Reviewed 11 manuscripts.
- 2006** *Physiologia Plantarum, Tree Physiology, Waste Management and Research.* Reviewed 3 manuscripts.
- 2005** *Environmental and Experimental Botany, HortScience, HortTech, Journal of Plant Physiology, New Phytologist, Photochemistry & Photobiology, Physiologia Plantarum.* Reviewed 7 manuscripts.
- 2004** *Journal of Biomedicine and Biotechnology, New Phytologist, Photochemistry & Photobiology, Physiologia Plantarum.* Reviewed 4 manuscripts.
- 2003** *New Phytologist, Physiologia Plantarum, Plant Physiology and Biochemistry.* Reviewed 3 manuscripts.
- 2002** *New Phytologist, Oecologia, Physiologia Plantarum, Waste Management and Research.* Reviewed 4 manuscripts.
- 2001** *Canadian Journal of Botany, HortScience, Physiologia Plantarum, Tree Physiology.* Reviewed 4 manuscripts.
- 2000** *Physiologia Plantarum, Trees Journal.* Reviewed 2 manuscripts.
- 1999** *Physiologia Plantarum.* Reviewed 1 manuscript.
- 1998** *Physiologia Plantarum.* Reviewed 1 manuscript.
- 1997** *Physiologia Plantarum.* Reviewed 1 manuscript.
- 1996** *Physiologia Plantarum.* Reviewed 1 manuscript.
- 1995** *Physiologia Plantarum, Environmental and Experimental Botany, Journal of the American Society for Horticultural Science.* Reviewed 3 manuscripts.
- 1994** *Physiologia Plantarum, Environmental and Experimental Botany.* Reviewed 2 manuscripts.
- 1993** *Physiologia Plantarum, Environmental and Experimental Botany.* Reviewed 2 manuscripts.
- 1992** *Physiologia Plantarum.* Reviewed 1 manuscript.

UNIVERSITY SERVICE

WASHINGTON STATE UNIVERSITY - COMMITTEE SERVICE

COLLEGE

Chair

2011-present Garden Team (G-Team) chair (with Catherine Daniels until 2019)

2016-2019 G-Team Publications committee

Member

2021 Department Chair Search Committee

2019-2020 Department Chair Search Committee (search cancelled)

2011-2019 Leadership committee (G-Team)

2019 CAHNRS Student Awards Selection Committee

2014 Environmental Horticulture Task Force

2012-2014 Organics committee (G-Team)

2012-2013 Spokane County Extension educator search (search failed)

2011-2016 Environmental Concerns and Safety committee (G-Team)

2011-2016 Ornamental and Landscape Design committee (G-Team)

2011-2013 Soils committee (G-Team)

2005 CAHNRS Assistant Director of Development Search Committee

DEPARTMENT

Chair

2019-present Extension Committee

Member

2014 Environmental Horticulture Task Force

PUYALLUP RESEARCH AND EXTENSION CENTER

Chair

2016-present Landscape Committee (previously Grounds Committee)

2016-2017 Crowd-sourced Funding Initiative Committee

2015-2016 Collaboration and Collegiality Initiative Committee

2015-2016 Master Plan Initiative Committee

2014-2015 Ad-hoc Parking Solutions Committee

2005-2010 Chicona Grants Committee

Member

2015 Faculty Performance Initiative committee

2014-2015 CEU committee

2013 Biochar Research Project Group

2004-2019 Chicona Grants Committee

WASHINGTON STATE UNIVERSITY - OTHER SERVICE

INTERNAL - REVIEW ACTIVITY

- 2011-present** All Home Garden Series Extension manuscripts and other Extension publications as needed
- 2010** Manuscript for HortTechnology - Hummel and Cogger
 - 2009** Grant Proposal - Rita Hummel
 - 2009** Grant Proposal - Ginny Lohr
 - 2009** Manuscript for Extension publications - Compost Educator's Guide

EXTERNAL - GRANT PROPOSAL REVIEW

- 2021** UTSA Transdisciplinary Teams
- 2018-2019** Horticulture Research Institute
- 2018** CRDF Global SRNSF Fundamental Research Competition
- 2013** USDA
- 2013** USDA, NIFA Small Business Innovation Research Program Forests & Related Resources
- 2012-2013** National Geographic
- 2012** University of California Competitive Grants Program
- 2010** Washington Wildlife and Recreation Program
- 2009** USDA-CSREES
- 2006** US Civilian Research and Development Foundation
- 2005-2006** USDA-CSREES review panelist (Small and Mid-Sized Farm Prosperity) Georgian-U.S.
- 2004** Bilateral Grants Program

EXTERNAL - TENURE AND PROMOTION DECISIONS

- 2020** Research and Extension faculty T&P, Mississippi State University, Mississippi State, MS
- 2018** Extension faculty T&P, Utah State University, Logan, UT
- 2017** Extension faculty promotion, University of Florida, Jacksonville, FL
- 2015** Academic faculty promotion, University of Agriculture, Faisalabad, Pakistan
- 2015** Extension faculty promotion, University of Nevada at Reno, Reno, NV
- 2015** Academic faculty promotion, University of Agriculture, Faisalabad, Pakistan
- 2014** Extension faculty promotion, Oregon State University, Corvallis, OR
- 2014** Academic faculty promotion, Government College University, Faisalabad, Pakistan
- 2013** Academic faculty promotion, University of Agriculture, Faisalabad, Pakistan
- 2007** Academic faculty promotion and tenure, University of Florida, Apopka, FL
- 2006** Extension faculty promotion and tenure, University of Idaho, Moscow, ID
- 2006** Academic faculty promotion and tenure, University of Wisconsin, Madison, WI
- 2006** Extension faculty promotion and tenure, Oregon State University, Corvallis, OR

EXTERNAL - OTHER PROFESSIONAL ACTIVITIES

- 2010-present** Contributing Editor, *Fine Gardening* magazine
- 2010-2015** Web Content Team Advisor for eXtension Consumer Horticulture Community of Practice
- 2010-2012** Sustainability Awards Judge, Sustainable Seattle
- 2010** Reviewer, *Dirt: The Movie* (Bullfrog Films)
- 2005-2010** Science editor, *Master Gardener Magazine*
- 2005-2010** Member, Advisory Board, Master Gardener Magazine

UNIVERSITY OF WASHINGTON - COMMITTEE SERVICE

UNIVERSITY

Chair

- 2003** School of Aquatic and Fishery Sciences Review Committee
- 1999-2001** Faculty Council on Instructional Quality

Member

- 2002** Program on the Environment (PoE) Curriculum Committee
- 2000-2004** PoE Advisory Board
- 2000-2004** Campus Landscape Advisory Committee
- 1999-2001** Faculty Senate Executive Committee
- 1999-2000** Accountability Advisory Board
- 1999-2000** Ad Hoc Committee on Distance Education and Residency
- 1999-2000** College of Forest Resources (CFR) Dean Search Committee
- 1998-2001** Faculty Council on Instructional Quality

COLLEGE

Member

- 2002-2004** CFR Elected Faculty Council
- 2002-2004** CFR Promotion, Merit and Tenure Committee
- 2000-2001** CFR Curricular Review Team
- 2000-2001** Environmental Horticulture and Urban Forestry (EHUF) Faculty Search Committee
- 2000-2001** CFR Synthesis Team
- 2000** CFR Forest Certification Symposium Steering Committee
- 1999-2003** CFR Academic Committee
- 1999-2003** CFR Graduate Committee
- 1999-2000** Center for Urban Horticulture (CUH) Review Committee
- 1998-1999** CFR Retention and Recruitment Subcommittee
- 1997-1999** CFR Library Committee

DEPARTMENT

Chair

- 1998-2004** EHUF Curriculum Committee

Member

- 2000-2004** CUH Curatorial Committee

UNIVERSITY OF WASHINGTON - OTHER SERVICE

INTERNAL

- 2003** New Student Orientation Faculty Connections Presenter
- 2002** WISE program Faculty Mentor
- 1999-2004** EHUF Undergraduate Advisor
- 1999-2004** EHUF Graduate Student Coordinator
- 1999-2003** Faculty Fellows Program Senior Faculty
- 1999** CFR Scholarship Luncheon Faculty Speaker
- 1998-2002** Commencement Marshal
- 1998-2000** New Student Orientation First Lecture Series Presenter
- 1998-2000** Blooms of Bressingham Perennial Garden Evaluator
- 1998** CFR Commencement Faculty Speaker
- 1998** Facilitator, CUH Pro-Net
- 1998** Participant, CFR Arbor Day
- 1998** Participant, Family Science Day & Science Fun Day
- 1998** Participant, Faculty Field Tour
- 1997-1998** Participant, Faculty Fellows Program

EXTERNAL

- 2003-2005** Secretary of the Board, Seattle Urban Nature Project
- 2003** Book Proposal Reviewer, CAB International
- 2003** Editorial review board, Tree Physiology
- 2000-2002** Proposal Reviewer, USDA
- 2000-2001** Section Editor, Photobiology for the 21st Century, T.P. Coohill and D.P. Valenzano (eds.), Valdenmar Publishing Co., Overland Park, KS.
- 1999** Reviewer, CRS Report for Congress, "Harmful Non-Native Species: Issues for Congress,"
- 1998-2000** Member, Board Development Committee, PlantAmnesty
- 1998** Member, American Rhododendron Society, Seattle Chapter
- 1997-1998** Proposal Reviewer, BARD

SUNY COLLEGE AT BUFFALO - COMMITTEE SERVICE

COLLEGE/DIVISION

Chair

- 1996-1997** College Senate Curriculum Committee
1995-1997 Faculty of Natural and Social Sciences (FNSS) Budget and Staff Allocations Committee
1995-1996 President's Council for Equity and Diversity
1995 College Senate General Education Subcommittee

Member

- 1997** Master Plan Advisory Committee
1996 College Priorities Task Force
1996-1997 President's Council for Equity and Diversity
1996 FNSS Dean's Search Committee
1995-1997 FNSS Advisory Committee
1995-1997 Senate Agenda Committee
1994-1997 Status on Women Senate Subcommittee
1994-1997 Student Health Advisory Committee
1994-1996 All College Honors Program Board
1994-1995 College Senate Curriculum Committee
1993-1997 College Senate
1993-1996 Senate Instruction and Research Committee
1993-1996 Senate International Education Committee
1993-1995 FNSS Budget and Staff Allocations Committee
1993 Focus on Teaching Committee
1993 Honorary Degree Committee
1993 Career Counselor Search Committee
1992-1997 Faculty/Staff Wellness Committee
1991-1994 College Teaching Effectiveness Committee
1991-1994 Diversity Subcommittee
1990-1991 Faculty Representative, Faculty Oversight Committee,
1990-1991 College Subcommittee on General Education Assessment

DEPARTMENT

Chair

- 1989-1990** Curriculum Committee

Member

- 1997** Personnel Committee
1996-1997 Genetics/Plant Biology Search Committee
1996,1994 Instructional Support Associate Search
1994-1996 Committee Curriculum Committee
1992-1994 Assessment Committee
1991-1997 Honors Committee
1991-1994 Graduate Committee
1991-1993 Aquatic Biology Steering Committee
1990-1992 Personnel Committee

SUNY COLLEGE AT BUFFALO - OTHER SERVICE

INTERNAL

- 1996, 1995, 1993** Commencement Faculty Reader
- 1990-1997** New Student Orientation Summer Advisor
- 1994-1997** Freshman Orientation Faculty Presenter: "BSC 101: Introduction to a College Course"
- 1994** Winterim Panel Member: "Dealing with the Underprepared Student"
- 1989-1997** Biology Majors and Uncommitted Students Advisor
- 1989-1997** Faculty-Staff Fitness Program Volunteer Leader

EXTERNAL

- 2003** BARD Proposal Reviewer
- 1997** Great Lakes Sea Grant Network Web Site Reviewer
- 1995** Great Lakes Protection Fund Proposal Reviewer
- 1991-1997** American Chestnut Foundation, New York Chapter, Board Member