Bart Reinholdt Johnson, Professor and Department Head

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Education

University of Georgia. Ph.D. in Ecology. 1995. Dissertation title: The ecology and restoration of a high montane rare plant community.

University of Georgia. M.L.A. in Landscape Architecture. 1992. Thesis title: Mitigation of visitor impacts on high montane rare plant habitat: habitat protection through an integrated strategy of design, interpretation and restoration, Craggy Gardens, Blue Ridge Parkway, North Carolina.

Cornell University. B.S. in Agronomy. Major in Soils. 1987.

University of Michigan. Major in Mathematics. 1972-73.

Yale University. Major in Mathematics. 1971-72.

Honors & Scholarships

University of Oregon Fund for Faculty Excellence. Awarded each year to honor 15 UO faculty "performing at the forefront of research and discovery" and to "recognize world-class research and teaching…(in) our finest tenured faculty" (2016).

Council of Educators in Landscape Architecture. 2014 CELA Excellence in Research and Creative Works Award, Senior Level (2014).

West Eugene Wetlands Program. WEW Partnership Appreciation Award (2006).

University of Oregon. University of Oregon Summer Research Award (1999), Johnson Faculty Development Award (1997).

University of Georgia. First Place, Graduate Research Division, American Society of Landscape Architects National Student Design Competition (1990); American Society of Landscape Architects Certificate of Honor Award (1990); National Council of State Garden Clubs Scholarship (1988-90); University Research Assistantship (1987-90); University Foundation Scholarship (1987-89).

Cornell University. Outstanding Agronomy Senior (1987); Presidential Scholar for outstanding academic achievement; Graduated with distinction in all subjects; Member, Gamma Sigma Delta, the Honor Society of Agriculture; Homer S. Thompson Scholarship (1985-87).

Yale University. Catherine Tuck Scholarship.

Special Training

Wilderness First Responder. Wilderness Medicine Institute, Pitkin, CO. 1999, 2002, 2004; **Winter Snow Tracking**. Wildlife Society of Oregon, Bend OR. 2002; **Water Harvesting and Aquaculture.** International Center for Aquaculture, Auburn University; Auburn, AL. 1983; **Natural Farming Methods.** Shusan and Matsuyama, Japan. 1981-82; **Japanese Landscape Gardens.** Kyoto, Japan. 1981-82; **Agriculture in Rural China.** People's Republic of China. 1981; **Permaculture Design.** Earthward Bound Ecology Center; New Haven, KY. 1981; **Biodynamic Intensive Gardening.** Carmel Garden Project, New Market VA. 1979-80.

Academic Experience

1995- **University of Oregon**, Department of Landscape Architecture, Eugene, OR. Professor, 2015-present; Department Head, 2015-2018; Ph.D. Program Director, 2005-2011. Associate Professor, 2002-2015; Assistant Professor, 1995-2001. Responsible for courses in ecology, design, and research methods, and for integrating ecology into both undergraduate and graduate curricula.

2005-06 **Tsinghua University,** Beijing, People's Republic of China. Visiting Professor, Department of Landscape Architecture. Taught two 8-week courses in Landscape Ecology and Hydrology to graduate students at one of China's top universities.

1990-93 **University of Georgia**, Athens, GA. Graduate Teaching Assistant, Biology Dept. Taught laboratory sections of basic biology for undergraduate majors and non-majors.

1982-95 **Other Teaching and Educational Program Development.** Developed and delivered educational programs emphasizing participatory and hands-on learning. Includes intensive training courses and/or internship programs for the International Aquaculture Program, Auburn University; the Office of Services for the Aging, State of Michigan; the Farallones Institute Rural Center, Occidental, CA; the Carmel Garden Project, New Market, VA; and the national Elderhostel program, Simpsonwood Conference Center, Norcross, GA.

Research and Academic Development

2008- **Climate Change Adaptation Planning**. Research focuses on alternative futures planning analysis and simulation modeling to investigate the consequences of climate change for urbanizing landscapes and biodiversity, including climate change adaptation planning, impacts of wildfire on wildland-urban interface development, and climate change effects on Pacific Northwest prairie and savanna.

2002- **Urban Ecology.** Design, planning and research that focuses on integration of ecological function and ecosystem services into urban landscapes. Includes service as the lead faculty developer for the UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes Research Hub, and service as the first Chair of its Academic Steering Committee; the lead role in an international educational consortium of U.S. and European universities; and teaching and professional practice related to urban biodiversity, urban riverfront development, riparian restoration, stormwater planning, green infrastructure planning and parks management.

1998- **Ecology, Conservation and Restoration of Open Habitats**. Research focuses on the ecology, conservation and restoration of landscape mosaics composed of wetland and upland prairie, oak-pine savanna and woodland, and cliff/rock outcrop habitats. Includes both landscape-scale planning initiatives and investigations of site-scale management techniques, as well as extensive work with diverse stakeholder groups from multiple disciplines and perspectives.

1996- **Ecological Design Education**. Visiting Professor, Dept. of Landscape Architecture, Tsinghua University, Beijing, China; UO Principal Investigator for international consortium of student exchanges in urban ecology; Lead role in development of UO Landscape Architecture Ph.D. program, the first new degree in the department in nearly 50 years; Organizer and co-chair for the 1998 Shire conference: *From Theory to Practice, Teaching Ecology in Landscape Design and Planning Programs*; Lead author/editor for resultant book, *Ecology and Design: Frameworks for Learning* (Island Press).

1995-98 **Ecosystem Management and Biodiversity**. Principal Investigator for development of a conceptual and operational framework linking ecological analysis to participatory watershed

planning. Included Landscape futures design and implementation for the Little Applegate watershed in Southern Oregon.

1992-2000 **Rare Plant Habitat Protection and Restoration**. Principal investigator for studies of federal and state-listed plant species restricted to Southern Appalachian rock outcrops, including *Geum radiatum*. Includes experimental habitat protection and restoration of outcrop habitats, species management plan development, design and implementation of a long-term monitoring program, and execution of other scientific and managerial studies.

1987-95 **Related Research Experience.** Project leader for ecological field studies including rare plant habitat protection and restoration, grassy bald restoration and management, deer home range meta-analysis, and backcountry hiking impacts; National Park Service Cooperative Studies Unit, Athens, GA. Responsible for developing vegetation sampling methods for simulation models of vegetation-animal-landscape interactions in Dr. H. Ronald Pulliam's lab, Institute of Ecology; Univ. of Georgia, Athens, GA.

Research Grants and Awards

In review **A Research Network for Enhanced Natural Climate Solutions**. National Science Foundation Sustainable Regional Systems Networks Program. $15,000,000 (Co-PI). *Project provisionally identified for funding. Three-hour reverse site visit with NSF Program Directors completed and awaiting final decision.*

2021-22 **Monitoring oak-pine savanna restoration using remote sensing and field-based data to inform site management and future restoration prescriptions**. Oregon Department of Forestry and US Forest Service, Good Neighbor Authority (GNA) Program. $21,125 (P.I.)

2020-21 **Post-Implementation Monitoring of Jim's Creek Oak Savanna Restoration Project**. Oregon Department of Forestry, Technical Assistance and Science Support (TASS) Program. $74,668 (P.I.)

2020-21 **Co-producing restorative fire: a transdisciplinary approach to indigenous fire stewardship and the restoration of forest resilience**. Resilience Initiative Seed Funding, University of Oregon. $50,000 (Co-P.I.)

2019-2023 **Developing Adaptive Capacity in Wildfire-prone Regions.** National Science Foundation Dynamics of Integrated Socio-Environmental Systems (CNH2) Program. $1,590,861. (P.I.).

2019-2020 **Landscape Carbon Sequestration for Atmospheric Recovery (LCSAR).** National Science Foundation award to support workshop that develops an NSF Convergence Accelerator topic idea, expand collaboration, and spur momentum across universities and industry partners. $81,000. (Organizing committee member).

2019-2020 **Applying a social-ecological systems approach to managing green stormwater infrastructure for environmental health and human well-being.** Renée James Seed Grant Initiative to Accelerate Scientific Research, University of Oregon. $45,000 (Co-P.I.)

2018- **Alternative Futures Planning for Gabon National Park Biodiversity Conservation.** Global Studies Institute, University of Oregon. $15,000 (P.I).

2016- **Alternative Futures Planning for Gabon National Park Biodiversity Conservation.** Gabon-Oregon Center, University of Oregon. $47,560 (P.I)

2013-18 **Scaling to Regional Controls Over Prairie Plant Range Distributions under Future Climate Change.** National Science Foundation's Macrosystems Biology Program, $3,800,000 (Co-P.I).

2013-14 **Wildfire Simulation and Wildfire Risk Reduction Modeling.** Western Wildland Threat Assessment Center, Pacific Northwest Research Station, USDA Forest Service. $25,000 (P.I.)

2011-16 **Monitoring in the Mixed Conifer Habitats on Willamette National Forest**. USDA Forest Service. $24,850 (P.I.)

2009-10 **FlamMap-Envision Simulation Model Linkage**. Western Wildland Threat Assessment Center, Pacific Northwest Research Station, USDA Forest Service. $45,000 (P.I.).

2009-10 **Research Experiences for Undergraduates Supplement**. National Science Foundation. $15,850 (P.I.).

2008-14 **The Interactions of Climate Change, Land-Management Policies, and Forest Succession on Fire Hazard and Ecosystem Trajectories in the Wildland-Urban Interface**. National Science Foundation Dynamics of Coupled Natural and Human Systems Program. $1,400,000. (P.I.).

2008-13 **Climate Effects on Plant Range Distributions and Community Structure of Pacific Northwest Prairies**. U.S. Department of Energy. $1,836,500. (Co-P.I.).

2004-08 **A Landscape-Level Approach to Fuels Management Through Ecological Restoration: Developing a Knowledge Base for Application to Historic Oak-Pine Savanna.** U.S. Department of Interior Joint Fire Sciences Program. $398,000 (P.I.)

2003-08 **Plant and Soil Responses to Experimental Restoration Techniques in the West Eugene Wetlands.** Lane Council of Governments & U.S. Army Corps of Engineers. $79,000 (Co-P.I.).

2003-05 **Jim's Creek Savanna: Trajectories of change and potential for restoration.** USDA Forest Service and Institute for Sustainable Environment. $15,000 (P.I.).

2003-04 **Vanishing Habitats: A scientific and aesthetic approach to restoration and design.** Yeon Grant Program, School of Architecture and Allied Arts, University of Oregon. $4,500 (P.I.).

2002-05 **Urban Ecology: Educating for Management of Cultural Landscapes**. U.S. Department of Education Fund for Improvement of Post-Secondary Education (FIPSE); and The European Community-United States of America Cooperation Program in Higher Education and Vocational Education and Training. Cooperative Agreement with University of Wisconsin-Madison and four other cooperator institutions. $248,000. Project Director for University of Oregon component.

1998 **A Hierarchical Approach to the Protection and Restoration of a High Montane Rare Plant Community.** Univ. of Oregon Summer Research Award. $4,000 (P.I.).

1996-2000 **Ecology in Design and Planning Education**. Funding from The Shire: John Yeon Preserve for Landscape Studies for the 1998 Shire Conference and book. $49,000 (P.I.).

1995-98 **An Operational and Conceptual Framework for Ecosystem Management**. U.S. Forest Service grant through Interagency Agreement with U.S. EPA. $81,000 (P.I.).

1992-97 **Habitat Protection and Restoration of *Geum radiatum***. U.S. Fish and Wildlife. $33,000 (P.I.).

1992-93 **Odum Foundation Research Grants**. $850 (P.I.).

1988-91 **Habitat Restoration and Landscape Design**. National Park Service. $15,200 (P.I.).

Professional Experience

1995- **Private Consultant, Innovative Landscapes; Eugene Oregon.** Projects focus on participatory landscape planning and ecological research. Projects include: Huangshui Watershed ecological planning, city of Xining, Qinghai Province, China; Proposal for National Horticultural Center with theme of Nature as a Model for Design, Beijing China; Eugene Water and Electric Board's River Site Development Master Plan and Land Use Code Development; City of Eugene Downtown visioning project design development; Landscape

futures design for the Little Applegate watershed in southern Oregon; and Landscape curriculum development workshops for elementary and middle school teachers.

Projects include work as design consultant in China for three projects that received awards from the International Federation of Landscape Architecture (IFLA). In this role, I traveled twice to China for 6 weeks full-time work on these projects, including leading a 4-person team, and continued work remotely from the US. My role has been to guide how ecological functions and services are translated into design forms:

- Ecological Landscape Concept Planning of Qinghai Haidong Huangshui River Basin. Honorable Mention in the Analysis & Master Planning Category of 2018 International Federation of Landscape Architects AAPME Awards.
- Comprehensive Planning of the 2019 Beijing International Horticultural Exposition. Outstanding Award in the Analysis & Master Planning Category of 2017 International Federation of Landscape Architects Asia Pacific Landscape Architecture Awards.
- Chongli Olympic Forest Park Landscape Planning. Honorable Mention in the Analysis & Master Planning Category of 2019 International Federation of Landscape Architects Asia Pac Landscape Architecture Awards.

1981-89 **Related Landscape Design Experience.** Leader of diverse landscape design and installation projects including: design of ecologically sensitive overlook and trail system to protect fragile rare plant habitat, Blue Ridge Parkway National Park, Asheville, NC; principal of design-build firm offering edible landscaping, wildlife enhancement and energy-conserving landscaping, Innovative Landscapes, Ithaca, NY & Sebastopol, CA; and garden designer and landscaper for the Stone Flower Mountain Inn, Chinamerica Corporation, Taishan City, Guangdong Province, Peoples Republic of China.

1973-83 **Related Professional Experience.** Developed a wide range of skills in agronomy, horticulture and forestry. Included: Garden Program Coordinator, Farallones Institute Rural Center; Occidental, CA; Staff Member and Head Gardener under horticulturist Alan Chadwick, Carmel Garden Project, New Market, VA; Member of worker-owned reforestation cooperative, Olympic Reforestation Inc.; Port Townsend, WA.

Peer-Reviewed Publications (final stages of preparation)

Johnson, B. R., A. A. Ager, C. Evers, D. W. Hulse, M. Nielsen-Pincus, T. J. Sheehan, and J. P. Bolte. In Prep. Modeling wildfire risk and decision-making in the face of deep uncertainty. For submission to Ecological Applications.

Johnson, B. R., A. A. Ager, C. Evers, and J. P. Bolte. In Prep. Climate change and landowner behavior cast uncertainty on wildfire impacts to the wildland-urban interface. For submission to Anthropocene as Invited Research Article.

Johnson, B. R., M. Nielson-Pincus, D. W. Hulse, J. P. Bolte, C. Evers, R. G. Ribe, A. A. Ager, R. P. Neilson, S. D. Bridgham, C. Enright, A. Branscomb, P. J. Gould, J. A. Kertis, C. A. Harrington, D. Bachelet, D. Conklin, G. I. Yospin, and T. Sheehan. In Prep. Anticipatory Planning: Imagining the future to alter its course.

Sheehan, T. I., S. D. Bridgham and **B. R. Johnson**. In Preparation. The spatial distribution of human- and lightning-caused wildfire ignitions in the Willamette Valley, Oregon, USA. International Journal of Wildland Fire.

Peer-Reviewed Publications (in review)

Reed, P. B., L. E. Pfeifer-Meister, B. A. Roy, **B. R. Johnson**, G. T. Bailes, A. A. Nelson, and S. D. Bridgham. In Review. prairies of the Pacific Northwest, USA. Ecology Letters.

Silva, Lucas C. R., M. Wood, **B. R. Johnson**, M. R. Coughlan, H. Brinton, S. Bridgham and K. McGuire. In Review. A Perspective on Interdisciplinary Convergence to Accelerate Natural Climate Solutions. Environmental Science and Policy.

Peer-Reviewed Publications

Johnson, B. R. and Ko, Y. In Final Revision. The APRU Sustainable Cities and Landscape Hub: A Platform for Collaborative Knowledge Production and Action. In, Y. Yang and A. Taufen, Eds., *Sustainable Cities and Landscapes: Boundaries, Scales, and Disciplines*. Book in finalization under contract with Routledge Press.

Pierce, J.R., M. A. Barton, I. T. Brown, P. Mooney., T. P. Yok, S. Park, K. Jessup, L. Hallett, M. Alberti, R. Harrigan, M. Yun, and **B. R. Johnson**. In Final Revision. Operationalizing Urban Biodiversity: A Call for Action in Cities and Landscapes. In, Y. Yang and A. Taufen, Eds., *Sustainable Cities and Landscapes: Boundaries, Scales, and Disciplines*. Book in finalization under contract with Routledge Press.

Reed, P. B., S. D. Bridgham, L. E. Pfeifer-Meister, M. L. Peterson, **B. R. Johnson**, B. A. Roy, G. T. Bailes, A. A. Nelson, W. F., Morris, and D. F. Doak. In Press. Climate warming threatens the persistence of a community of disturbance-adapted native annual plants. Ecology.

Peterson, M. L., G. Bailes, L. Hendricks, L. Pfeifer-Meister, P. Reed, S. D. Bridgham, **B. R. Johnson**, R. Shriver, E. Waddle, H. Wroton, D. F. Doak, B. A. Roy and W F. Morris. 2021. Latitudinal gradients in population growth do not reflect demographic responses to climate. Ecological Applications. https://dx.doi.org/10.1002/eap.2242.

Reed, P. B., M. L. Peterson, D. F. Doak, W. F., Morris, L. E. Pfeifer-Meister, B. A. Roy, **B. R. Johnson,** G. T. Bailes, A. A. Nelson, and S. D. Bridgham. 2020. Climate manipulations differentially affect plant population dynamics within versus beyond northern range limits. Journal of Ecology. https://dx.doi.org/10.1111/1365-2745.13494.

Mhuireach, G. Á., Wilson, H., **Johnson, B. R**., 2020. Urban aerobiomes are influenced by season, vegetation, and individual site characteristics. EcoHealth. https://doi.org/10.1007/s10393-020-01493-w.

Wu, H. and **B. R. Johnson**. 2019. Climate change will both exacerbate and attenuate urbanization impacts on streamflow regimes in southern Willamette Valley, Oregon. River Research and Applications. https://doi.org/10.1002/rra.3454.

Mhuireach G. Á., C. M. Betancourt-Román, J. L. Green and **B. R. Johnson** 2019. Spatiotemporal Controls on the Urban Aerobiome. Frontiers in Ecology and Evolution 7:43. https://doi.org/10.3389/fevo.2019.00043.

Reed, P. B., L. E. Pfeifer-Meister, B. A. Roy, **B. R. Johnson**, G. T. Bailes, A. A. Nelson, M. C. Boulay, S. T. Hamman, S. D. Bridgham. 2019. Prairie plant phenology driven more by temperature than moisture in climate manipulations across a latitudinal gradient in the Pacific Northwest, USA. Ecology and Evolution: 1-14. https://doi.org/10.1002/ece3.4995.

Reynolds, L. L., K. Lajtha, R. D. Bowden, M. M. Tfaily, **B. R. Johnson,** and S. D. Bridgham. 2018. The path from litter to soil: Insights into soil C cycling from long-term input manipulation and high-resolution mass spectrometry. Journal of Geophysical Research: Biogeosciences, 123: 1486–1497. https://doi.org/10.1002/2017JG004076.

Pfeifer-Meister, L., L. G. Gayton, B. A. Roy, B. R. Johnson, and S. D. Bridgham. 2018. Greenhouse gas emissions limited by low nitrogen and carbon availability in natural,

restored, and agricultural Oregon seasonal wetlands. Peerj 6: 25. https://doi.org/10.7717/peerj.5465.

Reynolds, L. L., K. Lajtha, R. D. Bowden, **B. R. Johnson**, and S. D. Bridgham. 2017. The carbon quality-temperature hypothesis does not consistently predict temperature sensitivity of soil organic matter mineralization in soils from two manipulative ecosystem experiments. Biogeochemistry 136: 249-260. https://doi.org/10.1007/s10533-017-0384-z.

Carey, J. C., J. Tang, P. H. Templer, K. D. Kroeger, T. W. Crowther, A. Burton, J. S. Dukes, B. Emmett, S. Frey, M. Heskel, L. Jiang, M. Machmuller, J. E. Mohan, A. Marie Panetta, P. B. Reich,, S. Reinsch, X. Wang, St. D. Allison, C. Bamminger, S. D. Bridgham, S. L. Collins, G. de Dato, W. C. Eddy, B. J. Enquist, M. Estiarte,, J. Harte, A. Henderson, **B. R. Johnson,** K. S. Larsen, Y. Luo, S. Marhan, J. Melillo, J. Peñuelas, L. Pfeifer-Meister , C Poll, E B. Rastetter, A Reinmann, L L. Reynolds, I K. Schmidt, G R. Shaver, A L. Strong, V Suseela, A Tietema. 2016. Temperature response of soil respiration largely unaltered with experimental warming. Proceedings of the National Academy of Sciences. https://doi.org/10.1073/pnas.1605365113.

Crowther, T.W., K.E.O. Todd-Brown, C.W. Rowe, W.R. Wieder, J.C. Carey, M.B. Machmuller, L.B. Snoek, S. Fang, G. Zhou, S.D. Allison, J. M. Blair, S. D. Bridgham, A.J. Burton, Y. Carrillo, A. T. Classen, F.A. Dijkstra, B. Elberling, B. Emmett, M. Estiarte, S.D. Frey, J. Harte, L. , Jiang, **B. R. Johnson**, G. Kröel-Dulay, K.S. Larsen, H. Laudon, J.M. Lavallee, Y. Luo, L.N. Ma, S. Marhan, A. Michelsen, S. Niu, E. Pendell, J. Peñuelas, C. Poll, S. Reinsch, L.L. Reynolds, I.K. Schmidt, S. Sistla, N.W. Sokol, P.H. Templer, K.K. Treseder, P. Reich, and M.A. Bradford. 2016. Quantifying global soil C losses in response to warming. Nature 540 (7631): 104-108. http://dx.doi.org/10.1038/nature20150.

Mhuireach, G. Á., **B. R. Johnson**, A. E. Altrichter, J. Ladau, J. F. Meadow and J. L. Green. 2016. Urban greenness influences airborne bacterial community composition. Science of the Total Environment 571: 680–687. http://dx.doi.org/10.1016/j.scitotenv.2016.07.037.

Wilson, H., **B. R. Johnson**, B. Bohannan, L. Pfeifer-Meister, R. Mueller, and S. D. Bridgham, 2016. Experimental warming decreases arbuscular mycorrhizal fungal colonization in prairie plants along a Mediterranean climate gradient. PeerJ 4:e2083 https://doi.org/10.7717/peerj.2083.

Roos, C. I, A. C. Scott, C. M. Belcher, W. G. Chaloner, J. Aylen, R. Bliege Bird, M. R. Coughlan, **B. R. Johnson**, F. H. Johnston, J. McMorrow, T. Steelman, and the Fire and Mankind Discussion Group. 2016. Living on a flammable planet: interdisciplinary, cross-scalar, and varied cultural lessons, prospects, and challenges. Phil. Trans. R. Soc. B 371:20150469. http://dx.doi.org/10.1098/rstb.2015.0469.

Fischer, P. A., T. A. Spies, T. A. Steelman, C. Moseley, **B. R. Johnson**, J. D. Bailey, A. A. Ager, P. Bourgeron, S. Charnley, B. M. Collins, J. D. Kline, J. E. Leahy, J. S. Littell, J. D. A. Millington, M. Nielsen-Pincus, C. S. Olsen, T. B. Paveglio, C. I. Roos, M. M. Steen-Adams, F.R. Stevens, J. Vukomanovic, E. M. White, and D. M. J. S. Bowman. 2016. Wildfire risk as a socio-ecological pathology. Frontiers in Ecology and the Environment 14(5): 276–284. http://dx.doi.org/10.1002/fee.1283.

Hulse, D., A. Branscomb, C. Enright, **B. Johnson**, C. Evers and J. Bolte. 2016. Anticipating Surprise: using agent-based alternative futures simulation modeling to identify and map surprising fires in the Willamette Valley, Oregon U.S.A. Landscape and Urban Planning. http://dx.doi.org/10.1016/j.landurbplan.2016.05.012.

Pfeifer-Meister, L., S. D. Bridgham, L. L. Reynolds, M. E. Goklany, H. E. Wilson, C. J. Little, A. Ferguson, and **B. R. Johnson**. 2016. Climate change alters plant biogeography in

Mediterranean prairies along the West Coast, USA. Global Change Biology. 22(2): 845–855. http://dx.doi.org/10.1111/gcb.13052.

Vandegrift, R., B. A. Roy, L. Pfeifer-Meister, **B. R. Johnson**, and S. D. Bridgham. 2015. The herbaceous landlord: integrating the effects of symbiont consortia within a single host. PeerJ 3:e1379 https://doi.org/10.7717/peerj.1379.

Wu, H., D. Hulse, J. Bolte and **B. R. Johnson**. 2015. A scenario-based approach to integrating flow-ecology research with watershed development planning. Landscape and Urban Planning 144: 74–89. http://dx.doi.org/10.1016/j.landurbplan.2015.08.012.

Kirchholtes, R. P. J., J.M. van Mourik and **B. R. Johnson**. 2015. Phytoliths as indicators of plant community change: A case study of the reconstruction of the historical extent of the oak savanna in the Willamette Valley Oregon, USA. Catena 132: 89-96. http://dx.doi.org/10.1016/j.catena.2014.11.004.

Reynolds, L. L., **B. R. Johnson**, L. Pfeifer-Meister, and S. D. Bridgham. 2015. Soil respiration response to climate change in Pacific Northwest prairies is mediated by a regional Mediterranean climate gradient. Global Change Biology 21(1): 487–500. http://dx.doi.org/10.1111/gcb.12732.

Nielsen-Pincus, M., R. G. Ribe, and **B. R. Johnson**. 2015. Spatially and socially segmenting private landowner motivations, properties, and management: A typology for the wildland urban interface. Landscape and Urban Planning 137: 1-12. http://dx.doi.org/10.1016/j.landurbplan.2014.11.020.

Yospin, G. I., S. D. Bridgham, R. P. Neilson, J. P. Bolte, D. M. Bachelet, P. J. Gould, C. A. Harrington, J. A. Kertis, C. Evers, and **B. R. Johnson**. 2015. A new model to simulate climate change impacts on forest succession for local land management. Ecological Applications 25(1): 226–242. http://dx.doi.org/10.1890/13-0906.1.

Roy, B. A., K. Hudson, M. Visser, and **B. R. Johnson**. 2014. Grassland fires may favor native over introduced plants by reducing pathogen loads. Ecology 95(7): 1897-1906. http://dx.doi.org/10.1890/13-1362.1.

Bone C., **B. Johnson**, M. Nielsen-Pincus, E. Sproles, and J. Bolte. 2014. A Temporal Variant-Invariant Validation Approach for Agent-based Models of Landscape Dynamics. Transactions in GIS 18(2): 161–182. http://dx.doi.org/10.1111/tgis.12016.

Pfeifer-Meister, L., S. D. Bridgham, T. Tomaszewski, C. J. Little, L. L. Reynolds, M. E. Goklany and **B. R. Johnson**. 2013. Pushing the limit: experimental evidence of climate effects on plant range distributions. Ecology 94(10): 2131–2137. http://dx.doi.org/10.1890/13-0284.1.

Pfeifer-Meister, L., **B. R. Johnson**, B. A. Roy, S. Carreño, J. L. Stewart, and S. D. Bridgham. 2012. Restoring wetland prairies: tradeoffs among native plant cover, community composition, and ecosystem functioning. Ecosphere 3(12): 1–19. http://dx.doi.org/10.1890/ES12-00261.1.

Pfeifer-Meister, L., B. A. Roy, **B. R. Johnson**, J. Krueger, and S. D. Bridgham. 2012. Dominance of native grasses leads to community convergence in wetland restoration. Plant Ecology 213(4): 637-647. doi:10.1007/s11258-012-0028-2.

Yospin, G. I., S. D. Bridgham, J. Kertis, and **B. R. Johnson**. 2012. Ecological correlates of fuel dynamics and potential fire behavior in former upland prairie and oak savanna. Forest Ecology and Management 266: 54-65.

Bachelet, D., **B. R. Johnson**, S. D. Bridgham, P. V. Dunn, H. E. Anderson and B. M. Rogers. 2011. Climate Change Impacts on Western Pacific Northwest Prairies and Savannas. Northwest Science: 85 (2): 411-429. https://doi.org/10.3955/046.085.0224.

Holmes, S. E., B. A. Roy, J. P. Reed, and **B. R. Johnson**. 2009. Context-Dependent Pattern and Process: The Distribution and Competitive Dynamics of an Invasive Grass, *Brachypodium sylvaticum*. Biological Invasions. https://doi.org/10.1007/s10530-009-9645-7.

Johnson, B. R. and K. Hill (eds.). 2002. Ecology and Design: Frameworks for Learning. Washington, D.C.: Island Press. 530 pages.

Johnson, B. R. and K. Hill. 2002. Introduction: Toward Landscape Realism. Pages 1-26 in B. R. Johnson and K. Hill, eds., Ecology and Design: Frameworks for Learning. Washington, D.C.: Island Press.

Johnson, B. R., J. Silbernagel, M. Hostetler, A. Mills, F. Ndubisi, E. Fife and M. C. Rossiter Hunter. 2002. The nature of dialogue and the dialogue of nature: Designers and ecologists in collaboration. Pages 305-356 in B. R. Johnson and K. Hill, eds., Ecology and Design: Frameworks for Learning. Washington, D.C.: Island Press.

Pulliam H. R. and **B. R. Johnson**. 2002. Ecology's new paradigm: What does it offer designers and planners? Pages 51-84 in B. R. Johnson and K. Hill, eds., Ecology and Design: Frameworks for Learning. Washington, D.C.: Island Press.

Hill, K. and **B. R. Johnson**. 2002. Conclusions: Frameworks for Learning. Pages 493-501 in B. R. Johnson and K. Hill, eds., Ecology and Design: Frameworks for Learning. Washington, D.C.: Island Press.

Johnson, B. R. and R. Campbell. 1999. Ecology and participation in landscape-based planning within the Pacific Northwest. Policy Studies Journal 27(3): 502-529.

Johnson, B. R. 1996. Southern Appalachian rare plant reintroductions on granite outcrops. Pages 433-443 in D.A. Falk, C.I. Millar and M. Olwell, eds., Restoring diversity, strategies for reintroduction of endangered plants. Washington, D.C.: Island Press.

Godt, M. J., **B. R. Johnson** and J.L. Hamrick. 1996. Genetic diversity and population size in four rare Southern Appalachian plant species. Conservation Biology 10(3): 796-805.

Peer-Reviewed Technical Reports and Conference Proceedings Papers

Ribe, R., M. Nielsen-Pincus, J. Bolte and B. Johnson. 2014. Testing Patterns of Landowner Propensities to Implement Extensive Forest Fuels Reduction: Agent-based Modeling Experiments in the Willamette Valley, U.S.A. In: Wissen Hayek, U., P. Fricker, and E. Buhmann (eds.) Peer Reviewed Proceedings of Digital Landscape Architecture 2014 at ETH Zurich. Herbert Wichmann Verlag, Berlin, ISBN 978-3-87907-530-0, pp. 248-260.

Kerns, B. K., Hemstrom, M. A., Conklin, D., Yospin, G. I., Johnson, B. R., Bachelet, D., and Bridgham, S. D., 2012. Approaches to incorporating climate change effects in state and transition simulation models of vegetation. Pages 161-171 in Kerns, B. K.; Shlisky, A. J.; and Daniel, C. J., tech. eds. 2012. Proceedings of the First Landscape State-and-Transition Simulation Modeling Conference, June 14–16, 2011, Portland, Oregon. Gen. Tech. Rep. PNW-GTR-869. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 215 p.

Nielsen-Pincus, M, R.G. Ribe, and B.R. Johnson. 2011. The sociology of landowner interest in restoring fire-adapted, biodiverse habitats in the wildland-urban interface of Oregon's Willamette Valley Ecoregion. In: McCaffrey, S. M.; and Fisher, C. LeBlanc, eds. Proceedings of the second conference on the Human Dimensions of Wildland Fire. Gen. Tech. Rep. NRS-P-84. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station: pp. 58-66.

Technical Reports

Silva L. C. R., Wood M., Johnson B., Bomfim B., Coughlan M., Smith M., Brinton H., Bridgham S., and McGuire K. (eds.)] 2019. National Science Foundation (NSF) Landscape Carbon Sequestration for Atmospheric Recovery White Paper: A Perspective on Convergence to Accelerate Carbon Sequestration. University of Oregon, Eugene, Oregon.

Fischer, P. A., T. A. Spies, T. A. Steelman, C. Moseley, B. R. Johnson, J. D. Bailey, A. A. Ager, P. Bourgeron, S. Charnley, B. M. Collins, J. D. Kline, J. E. Leahy, J. S. Littell, J. D. A. Millington, M. Nielsen-Pincus, C. S. Olsen, T. B. Paveglio, C. I. Roos, M. M. Steen-Adams, F.R. Stevens, J. Vukomanovic, E. M. White, and D. M. J. S. Bowman. 2016. Pathology of wildfire risk: A characterization of social and ecological dimensions. Research Brief 11. Northwest Fire Science Consortium. 2 p.

Johnson, B. R., J. Lippert, J. Kertis, and M. Juillerat. 2016. Effectiveness of Restoration Prescriptions for Jim's Creek Mixed Conifer and Oak Savannah in Middle Fork Ranger District, Willamette National Forest. Report to the USDA Forest Service, Willamette National Forest. Eugene, OR.

Pfeifer-Meister, L., S. Bridgham, B. A. Roy and B. Johnson. 2007. Testing the Effectiveness of Site Preparation Techniques for Wetland Prairie Restoration. Eugene, OR: Lane Council of Governments. 28 p.

Johnson, B. R., N. Murdock and C. Frost. 1993. Spreading Avens management plan. U.S. Fish and Wildlife Service, Atlanta, GA. 19 p.

Johnson, B. R. 1992. Mitigation of visitor impacts on high montane rare plant habitat: habitat protection through an integrated strategy of design, interpretation and restoration, Craggy Gardens, Blue Ridge Parkway, North Carolina. MLA Thesis, University of Georgia, Athens. 143 p. Printed as National Park Service Technical Report. NPS Southeast Region, Atlanta, GA.

Johnson, B. R. 1992. Home range size of white-tailed deer: analysis of factors that influence home range size through between-study comparisons. Final Report. National Park Service Cooperative Studies Unit, University of Georgia, Athens, GA 30602.

Hamrick, J. L., M. Godt and B. R. Johnson. 1991. Levels and distribution of genetic diversity in four rare vascular plant species. Final report. National Park Service Cooperative Studies Unit, University of Georgia, Athens, GA.

Johnson, B. R. 1989. Visitor use at Craggy Pinnacle, Blue Ridge Parkway: Its impacts on rare plants and implications for site management. CPSU Technical Report No. 54. National Park Service Cooperative Studies Unit, Institute of Ecology, University of Georgia, Athens, GA. 69 p.

Johnson, B.R., S.P. Bratton and I. Firth. 1988. The feasibility of using brushing to deter visitor use of unofficial trails at Craggy Gardens, Blue Ridge Parkway, North Carolina. CPSU Technical Report No. 43. National Park Service Cooperative Studies Unit, Institute of Ecology, University of Georgia, Athens, GA. 32 p.

Professional Articles and Publications

Bowden, T., J. Modi, A. Alverson, J. Blazar, B. R. Johnson. The Mt. Pisgah Summit: UO Landscape Architecture Design Studio Projects, Winter 2020. In Revision. Eugene OR: Lane County Parks and Friends of Buford Park & Mt. Pisgah.

Sustainable Cities and Landscapes Hub. 2019. Declaration of Climate Emergency and Call to Action. https://apru-scl.uoregon.edu/climate-declaration/. Endorsed by the 16-university consortium and presented to the United Nations Santiago Climate Change Conference, for the 25th Conference of the Parties (COP25). *I am the lead author of the Declaration*.

Johnson, B. R., A. R. Ferguson and J. T. Simms. 2010. Riverfront Ecological Analysis and Design, Eugene Water and Electric Board Site, Eugene, Oregon. 70 pages. Eugene Oregon: Eugene Water and Electric Board.

Johnson, B. R., R. Ribe, C. Girling and J. Eisenburg (eds.). 2002. A spatially based framework for riverine planning in the Eugene-Springfield Metropolitan area. Department of Landscape Architecture, University of Oregon, Eugene, OR.

Johnson, B. R. and C. Girling (eds.). 2000. Rowena Wilds ecological planning and design studio: Innovative approaches for ecologically sensitive rural development. Department of Landscape Architecture, University of Oregon, Eugene, OR.

Johnson, B. R. (ed.). 1998. Proposals for restoration and management of East Alton Baker Park. Department of Landscape Architecture, University of Oregon, Eugene, OR.

Johnson, B. R. 1995. A question of practice. Oregon Land: Winter 1995.

Johnson, B. R. 1995. The ecology and restoration of a high montane rare plant community. Ph.D. Diss., University of Georgia, Athens. 199 p.

Johnson. B. R. 1990. The design edge. Georgia Landscape, Spring: 11-13.

Johnson, B. R. 1989. Detailed microhabitat assessment accompanies restoration of rare plants, outcrop communities. Restoration & Management Notes 7(2): 97-98.

Johnson, B. R. 1989. Interpretive signs increase effectiveness of brush-pile barriers. Restoration & Management Notes 7(2): 97-98.

Johnson, B., S. Bratton & B. Teague. 1989. Rare plants protected on Blue Ridge Parkway. Highlights of Natural Resources Management 1988. Natural Resources Report NPS-NR-89-01.

Johnson. B. R. 1989. Footprints on rare plants: habitat protection through design, interpretation and restoration. Georgia Landscape, Spring 1989:12-13.

Johnson, B. R., S. P. Bratton and I. Firth. 1988. Brushing alone of limited value in deterring use of unofficial trails. Restoration and Management Notes 6(2):102-103.

Johnson, B. R. 1987. A game of ecological clue. Cornell Plantations 43:30-35. Reprinted in Crescent Trail News 9(4):5-7.

Additional Manuscripts in Preparation

Johnson, B. R., K. Hudson and B. A. Roy. Experimental prescription burn benefits native herbaceous species over exotics in Willamette Valley, Oregon upland prairie.

Johnson, B. R., S. D. Bridgham, G. I. Yospin, M. S. Murphy, J. W. Day and K. S. Sonnenblick. The successional fates of historic oak savanna.

Johnson, B. R., J. W. Day and S. D. Bridgham. Historical structure and successional trajectories of a former Oregon white oak savanna.

Johnson, B. R., and N. U. Ulrich. Restoring remnants versus extreme makeover Site-scale tradeoffs and landscape strategies for restoring oak habitats

Ulrich, N. U., and B. R. Johnson. A framework for analyzing alternative restoration strategies: assessing tradeoffs in habitat value, fire hazard reduction and cost-effectiveness for oak habitat restoration

Garmon, J., B. R. Johnson and S. D. Bridgham. An alternative futures approach for conservation and fire hazard reduction in Oregon white oak habitats.

Bridgham, S. D. K. S. Sonnenblick and B. R. Johnson. Environmental controls over forest succession on a former Oregon white oak savanna.

Johnson, B. R. and S. P. Bratton. Microhabitat differentiation of sympatric rare plants toward restoration of Southern Appalachian rock outcrops.

Johnson, B. R. A hierarchical approach to the protection and restoration of a high montane rare plant community.

Johnson, B. R. The ecological significance of high montane rock outcrops in the Southern Appalachians.

Johnson, B. R. Population status, threats and management for *Geum radiatum*.

Johnson, B. R. Long-term monitoring of *Geum radiatum*, a federally endangered plant species.

Johnson, B. R., Godt, M. J. and J. L. Hamrick. Fine-scale population genetic structure of *Geum radiatum*, an endangered plant species.

Johnson, B. R. Habitat-specific demography of an endangered herb, *Geum radiatum.*

Johnson, B. R. Tuning in to visitors: A case study of protecting fragile habitat in a public natural area by enhancing visitor experience.

Johnson. B. R. A simple, non-disruptive method for measuring fine-scale variation in soil moisture.

Conferences and Workshops Organized

Co-chair and lead facilitator of one-day Pacific Northwest Green Infrastructure Roundtable with 23 invited participants including landscape designers, scientists and agency personal. Portland, Oregon USA, November 15, 2019.

Co-chair and lead facilitator for three-day 54-person workshop of invited scientists, designers and agency personnel with expertise related to landscape carbon sequestration for NSF-funded project on Landscape Carbon Sequestration for Atmospheric Recovery. Portland, Oregon USA, October 25-27, 2019.

Co-chair and lead facilitator of inaugural annual conference of the UO's APRU Sustainable Cities and Landscapes Research Hub. Attended by over 120 invited participants from 14 countries, including designers, planners, researchers, practitioners, educators, and students from various disciplines. Activities focused on 10 Working Groups that each addressed a key landscape or urban sustainability theme. Portland, Oregon USA, September 15-17, 2017. https://apru-scl.uoregon.edu/2017/12/12/inaugural-conference-highlights/.

Invited Conference Presentations

* = Invited presentation, I = International presentation

*I Johnson. B. R. 2020, December. What Makes a Landscape Good? Toward a theory of a landscape sustainability and resilience. Keynote Presentation. APRU Sustainable Cities and Landscapes Annual Conference. Auckland, New Zealand, remote meeting due to COVID-19.

*I Johnson. B. R. 2020, December. Lessons from SCL Auckland 2020: Key advances and signature innovations. Closing remarks. APRU Sustainable Cities and Landscapes Annual Conference. Auckland, New Zealand, remote meeting due to COVID-19.

*I Johnson. B. R. 2019, September. Developmental Milestones: Growing the SCL Hub. APRU Sustainable Cities and Landscapes Annual Conference. Sydney, Australia.

*I Johnson. B. R. 2019, September. Crafting a strategy for collaborative SCL Research. APRU Sustainable Cities and Landscapes Annual Conference. Sydney, Australia.

* Johnson. B. R. 2019, August. What management or policy interventions might improve our ability to reach oak conservation goals in a changing climate? At Climate Change: Planning for the future in East Cascades Oak Systems, East Cascades Oaks Partnership Annual Meeting, Hood River Oregon.

*I Johnson. B. R. 2018, September. The SCL Hub and its Mission. APRU Sustainable Cities and Landscapes Annual Conference. Hong Kong, China.

*I Johnson, B. R. 2017, September. The Sustainable Cities and Landscapes Research Hub. Opening Conference Keynote and Introduction to the Hub. 2017 Inaugural APRU Sustainable Cities and Landscapes Conference. Portland, OR.

* Johnson, B. R. 2016, November. Design without a designer: The genius of evolution. Bio-inspired Design Symposium, University of Oregon, Eugene, OR.

* Johnson, B. R. 2014, November. Surprise in Coupled Human-Natural Systems. Exploring Complexity Conference. Spatial Computation, Cognition and Complexity Lab, University of Oregon, Eugene, OR.

* Johnson, B. R., M. Nielsen-Pincus, J. P. Bolte, D. W. Hulse, A. A. Ager, R. G. Ribe, S. D. Bridgham, G. I. Yospin, T. Sheehan, J. A. Kertis, D. Bachelet, R. P. Neilson, D. Conklin, C. A. Harrington and P. J. Gould. 2014, August. Climate Change Adaptation Planning: An Alternative Futures Approach. Conference on Coupled Human and Natural Systems in Fire-Prone Landscapes: Interconnections and Research Needs, Bend, Oregon.

* Johnson, B. R. Johnson, D. W. Hulse, M. Nielsen-Pincus, C. Evers, and A. A. Ager and J. P. Bolte. 2013, March. Climate Change, Oak Savannas, Urbanization and Wildfire: Dilemmas, Tradeoffs and Approaches for Adaptation Planning. Northwest Scientific Association. Portland OR.

* Bridgham, S. D., B. R. Johnson, L. Pfeifer-Meister, T. Tomaszewski. 2012, April. Pushing limits: Altered temperature and precipitation differentially affect plant species inside and beyond their current ranges. Terrestrial Ecosystem Sciences P.I. Meeting, U.S. Department of Energy, Washington, D.C.

* Pfeifer-Meister. L, B. Johnson, T. Tomaszewski, M. Goklany, L. Reynolds, H. Wilson, S. Bridgham. December, 2011. Life on the edge: natural and experimental climate effects on plant range distributions, Rivers to Ridges Working Group, Eugene Police Department, Eugene, OR

* Johnson, B. R. Oak restoration, fuels reduction, social trends and climate change in the Willamette Valley 2010, July. Oak Communities in the Willamette Province: Habitats in Jeopardy and Restoration Opportunities for Interagency Partnership. William L. Finley National Wildlife Refuge, Corvallis, OR.

* Bridgham. S. D. and B. R. Johnson. 2009, November. Pacific Northwest prairie warming. U.S. Department of Energy, Program for Ecosystem Research Investigator Meeting, Washington D.C.

*I Johnson, B. R. 2009, October. Making Enduring Cities in an Era of Rapidly Changing Climate. Chinese Landscape Architecture Education Conference & Landscape Architects Congress, Beijing, China.

*I Johnson, B. R. Design with nature: form or function? Public lecture, School of Architecture. Tsinghua University, January 2006. Beijing, China.

*I Johnson, B. R. 2009, October. An Ecological Framework for Design. Chinese Landscape Architecture University Teacher Training Course, Beijing, China.

* Johnson, B. R. 2006, September. Fire as an Ecological Management Tool International Park and Recreation Association Annual Meeting. Corvallis, OR.

* Johnson, B. R., J. Garmon, S. D. Bridgham and Jane Kertis. 2006, June. A framework for alternative futures restoration analysis of historic oak savanna: integrating habitat, fuels reduction and cost-effectiveness. Managing Biodiversity in Pacific Northwest Forests: Strategies and Opportunities. Portland, OR.

* Johnson, B. R. 2006, April. Biodiversity of Rock Outcrops. Forest Openings in the Pacific Northwest. Northwest Oregon Ecology Group Information-Sharing Workshop. Salem Bureau of Land Management, Salem OR.

* Johnson, B. R. and B. A. Roy 2006, March. Guidelines for Propagule Source Selection: Ecology, Evolution and Pragmatics. Native Plant Genetics Workshop: Addressing Seed Transfer Issues in the Willamette Valley. Institute for Applied Ecology, Corvallis, OR.

*I Johnson, B.R. 2005, December. A landscape-level approach to restoring an endangered ecosystem: oak-pine savanna in the Willamette Valley, Oregon, U.S.A. Ecological Design and Planning Conference, Tsinghua University, Beijing, China.

* Johnson, B.R. 2005, November. Restoration ecology and integrated vegetation management: a landscape ecosystem Approach. Western Forestry and Conservation. Association, 9th Annual PNW Integrated Vegetation Management Conference. Portland, Oregon.

* Johnson, B. R., J. R. Garmon, K. S. Sonnenblick, J. Kertis, J. Lippert and S. D. Bridgham. 2005. March. Development and evaluation of alternative oak savanna restoration strategies through analysis of successional trajectories. Northwest Scientific Association. Corvallis, OR.

* Johnson, B.R. and R. Batra. 2005. February. Creating satisfying rural places. Working with Treasure: The Future of Oregon's Coast, 1000 Friends of Oregon, Oregon Coastal Futures Project. Seaside, OR.

* Johnson, B. R. and B. A. Roy. 2004, August. Experimental prescription burn benefits native herbaceous species over exotics in Willamette Valley, Oregon upland prairie. Ecological Society of America, Portland, OR.

* Johnson, B. R. 2004, April. Designing a salmon-friendly urban riverfront in Eugene, Oregon. HOPES Conference, Eugene, OR.

* Johnson, B. R. 2003, September. Reintroducing oak savanna into designed urban landscapes. Oregon Oak Communities Meeting - Restoration Activities Within An Urban Setting. Silverton, OR.

* Johnson, B. R., B. A. Roy, J. Jancaitis and K. Hudson. 2003, March. Living in a multivariate world: Asking and answering useful questions about prairie and savanna restoration. Society for Ecological Restoration Northwest Chapter and Society of Wetland Scientists Pacific Northwest Chapter 2003 Joint Regional Conference. Portland, OR.

* Johnson, B. R. 2003, January. Ecological function in cultural landscapes. Students and Educators for Ecological Design and Sustainability (SEEDS), College of Environment and Design, University of Georgia. Athens, GA.

* Johnson, B. R. 2002, November. A tale of two fires. Mt. Pisgah Arboretum Annual Meeting, Eugene, OR.

* Johnson, B. R. 2002, October. Fire as a tool for landscape designers and managers. Oregon Parks Association. Eugene, OR.

* Johnson, B. R. 2001, November. The role of landscape architecture in ecological restoration. Willamette Valley Native Plant Materials Conference. Co-Sponsored by the Society for Ecological Restoration - Northwest Chapter and Marion County Parks. Salem OR.

* Johnson, B. R. 2001, October. Can salmon take the "A" train? At the Water's Edge: Science-based Approaches to Managing Urban Riparian Areas for Salmonid Protection and Recovery. Willamette Urban Watershed Network, Corvallis, OR.

* Johnson, B. R. 1999, April. Urban ecology: A sense of place. HOPES Conference, University of Oregon. Eugene, OR.

* Johnson, B. R. 1999, March. Linking stakeholder participation and science in watershed planning. Ecosystem Workforce Project Forum: state and federal land management agency roles in linking land management, social and economic objectives, Eugene, OR.

* Johnson, B. R. 1989, September. Habitat protection through an integrated strategy of design interpretation and restoration. Parkways, Greenways, Riverways: The Way More Beautiful, Third Biennial International Linear Parks Conference, Asheville, NC.

Peer-Reviewed Conference Presentations

I = International presentation

Brambila, A., Reed, P. B., Bridgham, S. D., Roy, B. A., Johnson, B. R., Pfeifer-Meister, L., & Hallett, L. M. (2020, August 3-6). Disturbance: a double-edged sword for restoration under global change [conference poster]. ESA 2020 Meeting, Salt Lake City, UT, United States. https://eco.confex.com/eco/2020/meetingapp.cgi/Paper/84732.

Bomfim, B. H., R. Dawson, L. Silva, B. J. M. Bohannan, S. D. Bridgham, P. Reed, G. Bailes, B. R. Johnson, and L. Pfeifer-Meister. 2019, December. Seasonal Effects of Experimental Warming on Soil Biogeochemistry and Plant Functional Diversity in Pacific Northwest Prairies. American Geophysical Union Annual Meeting, San Francisco, CA.

Reed, P. B., M. L. Peterson, D. F. Doak, W. F. Morris, L.E. Pfeifer-Meister, B. A. Roy, B. R. Johnson, G. T. Bailes, A. A. Nelson and Scott D. Bridgham. 2019, November. 'Restoring' for future climates: plant population dynamics across a latitudinal gradient in a climate manipulation experiment. Eighth Western Native Plants Conference, Olympia, WA.

Memiaghe H.R, B. Johnson, C. Enright, E. Bush, and K. Abernethy. 2019, September. Is forest elephant crop depredation associated with seasonal availability of forest fruits? The American Fisheries Society & Wildlife. Society, Joint Annual Conference, Reno, NV.

Reed, P. B., M. L. Peterson, D. F. Doak, W. F. Morris, L.E. Pfeifer-Meister, B. A. Roy, B. R. Johnson, G. T. Bailes, A. A. Nelson and Scott D. Bridgham. 2019, September. Assisted migration may be necessary to save plant species from climate change. Eighth World Conference on Ecological Restoration, Cape Town, South Africa.

Reed, P. B., L. E. Pfeifer-Meister, S. T. Hamman, B. A. Roy, B. R. Johnson, G. T. Bailes, A. A. Nelson and Scott D. Bridgham. 2018, August. Prairie phenology driven more by temperature than moisture in climate manipulations across a latitudinal gradient. Ecological Society of America (ESA) Annual Meeting, New Orleans, LA.

Johnson, B. R., N. D. Ulrich, S. D. Bridgham and A. Moll. 2018, April. Rescuing Remnants v. Extreme Makeover: Restoring Oak Ecosystems Across their Range of Historical Variability. Cascadia Prairie-Oak Partnership (CPOP) Annual Conference, Eugene, OR.

Reed, P. B., L. E. Pfeifer-Meister, S. T. Hamman, B. A. Roy, B. R. Johnson, G. T. Bailes, A. A. Nelson and Scott D. Bridgham. 2018, April. Prairie Phenology Responds to Manipulated

Temperature, but Not Precipitation, Across a Latitudinal Gradient. Cascadia Prairie-Oak Partnership (CPOP) Annual Conference, Eugene, OR.

I Mhuireach, G. A., C. M. Betancourt-Román, J. L. Green and B. R. Johnson. 2017, September. Microbiome composition in urban forests, parks, and parking lots. International Conference on Urban Health. Coimbra, Portugal.

Reynolds, L. L., L. Pfeifer-Meister, S. D. Bridgham, and B. R. Johnson. 2017, August. Ecosystem responses to experimental warming and wetting across a Mediterranean climate gradient in the Pacific Northwest prairies. Ecological Society of America, Portland, OR.

Reed, P. B., L. E. Pfeifer-Meister, B. A. Roy, B. R. Johnson, M. A. Krna, G. T. Bailes, A. Rue-Johns, K. M. Nock, A. A. Nelson, M. J. Sherritt, L. McCollough, M. Kanner and S. D. Bridgham. 2017, August. Climate and biotic interactions influence plant species' demographic responses across a Mediterranean-climate system. Ecological Society of America, Portland, OR.

Mhuireach, G., J. L. Green, and B. R. Johnson. 2017, August. Fine-scale urban vegetation patterns shape airborne microbial community composition. Ecological Society of America, Portland, OR.

Jordan, D. A., G. Yospin and B. R. Johnson. 2015, October. Dendrochronology across borders: developing a network of Garry oak (*Quercus garryana*) tree-ring chronologies for the Pacific Northwest. Cascadia Prairie-Oak Partnership (CPOP) Annual Conference, Tacoma, WA.

Evers., C., Mhuireach, G. A., Johnson, B. R. 2015, July. Modeled impacts of land use decisions on highly fragmented and dispersal-limited species in the Southern Willamette Valley, Oregon. 9th Annual Congress of the International Association of Landscape Ecology.

I Jordan, D. A., G. Yospin and B. R. Johnson. 2015, March. Developing a Network of Garry Oak (Quercus garryana) Tree-ring Chronologies for the Willamette Valley, Oregon. Western Division of Canadian Association of Geographers conference, Prince George, B.C., Canada.

I Johnson, B. R. 2014, June. Designing Enduring Cities for an Era of Rapidly Changing Climate. Future Infinite Academic Conference. Helsinki, Finland.

I Johnson, B. R., M. Nielsen-Pincus, C. Evers, D. W. Hulse, A. A. Ager, R. Ribe and J. P. Bolte. 2014, June. Anticipating surprise: Exploring climate adaptation in coupled human and natural systems. Future Infinite Academic Conference. Helsinki, Finland.

I Ribe, R., M. Nielsen-Pincus, J. Bolte and B. Johnson. 2014, May. Testing Patterns of Landowner Propensities to Implement Extensive Forest Fuels Reduction: Agent-based Modeling Experiments in the Willamette Valley, U.S.A. The 15th International Conference on Information Technology in Landscape Architecture: Digital Landscape Architecture DLA 2014. Zurich, Switzerland.

Johnson, B. R. 2014, April. Anticipating Surprise: Better approximately right than exactly wrong. UO Climate Change Research Symposium, Eugene, OR.

I Kirchholtes, R. J Van Mourik, and B. R. Johnson. 2014, April. Phytolith analysis as a tool for palaeo-environmental studies: a case study of the reconstruction of the historical extent of oak savanna in the Willamette Valley, Oregon. European Geophysical Union, Vienna, Austria.

Johnson, B. R. 2014, January. Anticipating Surprise: Better approximately right than exactly wrong. Geodesign Summit, Lightning Talk. Esri Headquarters, Redlands, California.

Reynolds, L. L., K. Lajtha, R. Bowden, B. R. Johnson, S. D. Bridgham. 2013, December. American Geophysical Union, San Francisco, CA.

Johnson, B. R., M. Nielsen-Pincus, C. Evers, R. Ribe, C. Bone, D. W. Hulse, A. A. Ager and J. P. Bolte, 2013, September. Spatial and temporal partitioning of WUI fire regimes under future climate, development and management scenarios. Pacific Northwest Climate Science Conference, Portland, OR.

I Ager, A.A., Johnson, B., Evers, C., Bolte, J., Spies, T., Day, M. 2013, July. Integrating wildfire into an agent based landscape model for studying coupled natural and human systems. At the Crossroads: Looking Toward the Future in a Changing Environment, 4th Behavior and Fuels Conference, International Association of Wildland Fire, St. Petersburg, Russia.

Johnson, B. R., J. P. Bolte, S. D. Bridgham, D. W. Hulse, R. P. Neilson, R. G. Ribe, A. A. Ager, M. Nielsen-Pincus., T. Sheehan, G. I. Yospin, J. A. Kertis, C. A. Harrington, and P. J. Gould. 2012, August. Addressing uncertainties in climate change adaptation planning by using an integrated suite of mechanistic simulation models within an alternative futures planning framework. Ecological Society of America, Portland, OR.

Yospin, G. I., S. D. Bridgham, R. P. Neilson, J. P. Bolte, D. M. Bachelet, P. J. Gould, C. A. Harrington, J. A. Kertis, J. Merzenich, C. Evers and Johnson, B. R. 2012, August. Projections of climate change impacts on forest succession for local land management using a new vegetation model, CV-STM. Ecological Society of America, Portland, OR.

Pfeifer-Meister, L., S. D. Bridgham, T. Tomaszewski, M. E. Goklany, L. L. Reynolds, C. J. Little and B. R. Johnson. 2012, August. Pushing limits: Altered temperature and precipitation differentially affect plant species inside and beyond their current ranges. Ecological Society of America, Portland, OR.

Reynolds, L. L., B. R. Johnson, L. Pfeifer-Meister, T. E. Tomaszewski and S. D. Bridgham, 2012, August. Response of soil efflux to experimental warming and increased precipitation intensity depends upon latitudinal climate gradient in Pacific Northwest grasslands. Ecological Society of America, Portland, OR.

Tomaszewski, T. E., B. R. Johnson, L. Pfeifer-Meister , M. E. Goklany, L., L. Reynolds , H. E. Wilson, and S. D. Bridgham. 2012, August. Site-dependent versus regionally consistent effects of increased temperature and precipitation on plant community composition, productivity, and soil nutrient availability in restored Pacific Northwest prairies. Ecological Society of America, Portland, OR.

Wilson, H. E., B. R. Johnson, R. C. Mueller, L. Pfeifer-Meister, T. E. Tomaszewski, B. J. M. Bohannan, S. D. Bridgham. 2012, August. Experimental warming across a natural climate gradient reverses soil. nutrient effects on arbuscular mycorrhizal abundance in prairie plants. Ecological Society of America, Portland, OR.

Vandegrift, A. W., B. A. Roy, L. E. Pfeifer-Meister, T. E. Tomaszewski, B. R. Johnson and S. D. Bridgham, 2012, August. Climate change and Epichloe endophyte infection influences arbuscular mycorrhizal colonization rates in grasses. Ecological Society of America, Portland, OR.

Reynolds, L. L., L. Pfeifer-Meister, T. Tomaszewski, B. R. Johnson, S. D. Bridgham. 2012, April. Response of soil respiration to experimental warming and increased precipitation intensity depends upon a latitudinal climate gradient in Pacific Northwest grasslands. Terrestrial Ecosystem Sciences P.I. Meeting, U.S. Department of Energy, Washington, D.C.

Bone, C., Johnson, B., Bolte, B. and others. 2012, February. Integrating multi-objective decision making theory and agent-based modeling for enhancing spatial decision support systems. Presented at the Association of American Geographers Annual General Meeting, New York, N.Y.

Bridgham, S. D., L. Pfeifer-Meister, T. Tomaszewski, L. Reynolds, M. Goklany, H. Wilson, and B. R. Johnson. 2011, September. Experimental Warming and Precipitation Effects on Plant Community Composition, Productivity, and Soil Respiration in Restored Pacific Northwest Prairies along a Natural Climate Gradient. Second Annual PNW Science Climate Science Conference, Seattle, Washington.

Pfeifer-Meister, L. B. Johnson, T. Tomaszewski, M. Goklany, L. Reynolds, H. Wilson and S. Bridgham. 2011, September. Natural and Experimental Climatic Effects on Native Prairie Plant Range Distributions in the Pacific Northwest. Second Annual PNW Science Climate Science Conference, Seattle, Washington.

Reynolds, L., B. Johnson, L. Pfeifer-Meister, T. Tomaszewski, and S. Bridgham. 2011, September. The Response of Soil Respiration to Simulated Climate Change Along a Latitudinal Climate Gradient in Pacific Northwest Prairies. Second Annual PNW Science Climate Science Conference, Seattle, Washington.

Wilson, H. E., B. R. Johnson and S. D. Bridgham. 2011, September. Increased Experimental Heating Decreases Arbuscular Mycorrhizal Abundance Across a Latitudinal Gradient in an Annual Prairie Forb. Second Annual PNW Science Climate Science Conference, Seattle, Washington.

Bridgham, S. D., B. R. Johnson, T. Tomaszewski, L. Pfeifer-Meister, M. Goklany, L. Reynolds, and H. Wilson. 2011, February. Poster: Temperature and Precipitation Effects on Plant Range Distributions, Community Structure, and Ecosystem Function across a Natural Climate Gradient in Prairie Ecosystems. Invited participant in workshop on How Do We Improve Earth System Models: Integrating Earth System Models, Ecosystem Models, Experiments and Long-Term Data, organized by Integrated Network for Terrestrial Ecosystem Research on Feedbacks to the Atmosphere and Climate (INTERFACE). Captiva Island, FL.

I Johnson, B. R., R. G. Ribe, D. W. Hulse, J. P. Bolte, S. D. Bridgham, T. Sheehan, G. I. Yospin, M. Nielsen-Pincus, A. A. Ager, J. A. Kertis, D. M. Bachelet, R. P. Neilson, D. R. Conklin, C. A. Harrington, and P. J. Gould. 2010, August. Conservation Planning in the Face of Uncertainty: Modeling the Potential for Surprise in Coupled Human and Natural Systems Under Future Climate Change, Population Growth and Wildfire Hazard in a Former Savanna and Prairie Ecosystem, Willamette Valley, Oregon, USA. American Geophysical Union Meeting of the Americas. Foz de Iguazu, Brazil.

Johnson, B. R., R. G. Ribe, D. W. Hulse, J. P. Bolte, S. D. Bridgham, T. Sheehan, M. Nielsen-Pincus, G. I. Yospin, A. A. Ager, J. A. Kertis, D. Bachelet, R. P. Neilson, D. Conklin, C. A. Harrington and P. J. Gould. 2010, June. Modeling the Potential for Surprise in Coupled Human and Natural Systems Under Future Climate Change, Population Growth and Wildfire Hazard in the Willamette Valley Ecoregion. Oregon Climate Change Research Institute, PNW Science Climate Science Conference, Portland, Oregon.

Bridgham, S., B. Johnson, L. Pfeifer-Meister, T. Tomaszewski, L. Reynolds, and M. Goklany. 2010, June. How Will Climate Change Affect the Range Distributions of Native Prairie Plants and the Viability of Restored Prairies in the Pacific Northwest? Oregon Climate Change Research Institute, PNW Science Climate Science Conference, Portland, Oregon.

Nielsen-Pincus, M. R. Ribe, and B. Johnson. 2010, April. Integrating socioeconomic and biophysical processes in a coupled landscape planning model. Second Conference on the Human Dimensions of Wildland Fire, International Association of Wildland Fire. San Antonio, Texas.

Johnson, B. R., J. P. Bolte, S. D. Bridgham, D. W. Hulse, R. P. Neilson, R. G. Ribe, G. I. Yospin, A. A. Ager, C. A. Harrington, J. A. Kertis, J. M. Lenihan, P. J. Gould and M. Nielsen-Pincus.

2009, August. The interactions of climate change, land management policies and forest succession on fire hazard and ecosystem trajectories in the wildland-urban interface. Ecological Society of America, Albuquerque, NM.

Yospin, G. I., S. D. Bridgham, J. A. Kertis and B. R. Johnson. 2009, August. A framework for predicting stand-level fire behavior from forest community data in former prairie and savanna grasslands. Ecological Society of America, Albuquerque, NM.

Pfeifer-Meister, L., S. D. Bridgham, B. R. Johnson, J. Krueger, and B. A. Roy. 2009, June. Plant Community and Soil Responses to Experimental Restoration Techniques in a Wetland Prairie. Society of Wetland Scientists, Madison, WI.

Yospin, G. I., S. D. Bridgham, J. Kertis and B. R. Johnson. 2009, May. Predicting Stand-Level Fire Behavior From Forest Community Data in Former Prairie and Savanna. Joint Meeting of the American and Canadian Geophysical Unions, Toronto, Ontario, Canada.

Johnson. B. R. , S. D. Bridgham, G. I. Yospin, M. S. Murphy, J. W. Day, D. W. Hulse, R. G. Ribe, J. P. Bolte, R. P. Neilson, J. A. Kertis, C. A. Harrington, P. J. Gould, and A. A. Ager. 2008, August. Maintenance of Imperiled Oak Savanna and Prairie in the Willamette Valley, OR, USA: Interactions of Forest Succession, Fire Hazard, Climate Change, and Land Management Policies. Ecological Society of America, Milwaukee, WI.

Bridgham S. D., B. R. Johnson, G. I. Yospin, M. S. Murphy. 2008, August. Landscape controls over forest successional pathways in former oak savanna and prairie in Oregon. Ecological Society of America, Milwaukee, WI.

Johnson, B. R., J. Day and S. D. Bridgham. 2007, August. Forest succession and inhibition on a former oak-pine-fir savanna: The influence of spatial heterogeneity on temporal change. Ecological Society of America, San Jose, OR.

Johnson, B. R., K. S. Sonnenblick, J. R. Garmon, J. Kertis, J. Lippert, and S. D. Bridgham. 2005. May. Successional trajectories of an historic oak-pine-fir savanna and strategies for restoration as a function of within-site spatial heterogeneity. Society for Ecological Restoration Northwest Chapter. Seattle, WA.

Johnson, B.R. and J.R. Garmon. 2005. February. An alternative futures approach to stakeholder education: Crafting restoration scenarios for Oregon white oak savanna in the southern Willamette Valley. Oregon Oak Communities Meeting. Salem, OR.

Roy, B. A. and B. R. Johnson. 2004, August. Fire may favor native over invasive plants by reducing pathogen loads. Ecological Society of America, Portland, OR.

Hudson, Ken, Jean J. Jancaitis, and Bart R. Johnson. 2002, March. Hierarchical linear difference models. Winter Meetings of the American Sociological Association Section on Methodology, Princeton University, Princeton, NJ.

Johnson, B. R. and K. Hill (eds.). 2001, August. Ecology and design: Frameworks for learning. Council of Educators in Landscape Architecture, San Luis Obisbo, California.

Borchers, J. G., G. A. Bradshaw, C. Spinos, D. Apostol, and B. R. Johnson. 2001, July. Decision mapping for landscape restoration under adaptive management. Society for Conservation Biology, Hilo, HA.

Hurley, P. T. and B. R. Johnson. 2000, July. Conserving threatened habitat types in rural landscapes outside of nature preserves through land use planning: A case study in Wasco County, Oregon. Land Conservation Summit 2000: Advancing the Debate in the New Millennium. University of Minnesota, Minneapolis, MN.

Johnson, B. R. 1999, July. Ecology and participation in spatially explicit landscape planning for the Little Applegate Watershed, Oregon. International Association for Landscape Ecology, Snowmass, CO.

Apostol, D. A., M. Sinclair and B. R. Johnson. 1998, October. Top-down meets bottom-up in watershed design. American Society of Landscape Architects, Portland, OR.

Johnson, B. R., A. J. Moore, and R. Campbell. 1998, March. Ecology and public participation in landscape-based planning in the Pacific Northwest. International Association for Landscape Ecology, East Lansing, MI.

Hill, K. E. and B. R. Johnson. 1997, October. The present and future of teaching ecology in landscape architecture programs. Council of Educators in Landscape Architecture, Asheville, NC.

Johnson, B. R., K. E. Hill, S. R. Raval. 1997, March. Lessons learned? Teaching landscape ecology in design and planning programs. International Association for Landscape Ecology, Raleigh, NC.

Johnson, B. R. and S. P. Bratton. 1993, August. Habitat heterogeneity plays major role in coexistence of rare herbs in a high-montane rock outcrop community. Ecological Society of America, Madison, WI.

Johnson, B. R. 1992, August. Decline of a rare plant species examined through microhabitat assessment and experimental reintroduction. Ecological Society of America, Honolulu, HI.

Godt, M. W., J. L. Hamrick and B. R. Johnson. 1992, August. Conservation genetics of four rare Appalachian plant species. American Institute of Biological Sciences, Honolulu, HI.

Johnson, B. R. 1992, July. Protection and restoration of a fragile rare plant habitat in a public natural area. Cullowhee Native Plants Conference, Cullowhee, NC.

Johnson, B. R. 1992, June. Rare plant protection strategy includes restoration of disturbed habitat and creation of experimental population on semi-natural habitat. Society for Conservation Biology, Blacksburg, VA.

Johnson, B. R. 1992, June. Visitor disturbance to rare plant habitat mitigated through design, interpretation and restoration. Society for Conservation Biology, Blacksburg, VA.

Godt, M. W., J. L. Hamrick and B. R. Johnson. 1992, June. Conservation genetics of four rare Appalachian plant species. Society for Conservation Biology, Blacksburg, VA.

Johnson, B. R. 1991, May. Restoration of rare plant habitat planned through combined experimental reintroduction and ecological study. Society for Ecological Restoration, Orlando, FL.

Johnson, B. R. 1991, May. Design, interpretation and restoration mitigate visitor impacts on rare plant habitat. Society for Ecological Restoration, Orlando, FL.

Johnson, B. R. 1989, May. Interpretation of fragile habitat increases success of protective management. The Uplands Areas of the Southeast Region National Park Service, Gatlinburg, TN.

Johnson, B. R. 1988, May. The feasibility of using brushing to deter visitor use of unofficial trails. The Uplands Areas of the Southeast Region National Park Service, Gatlinburg, TN.

Recent Invited Lectures, Seminars and Workshops

* = Invited presentation, I = International presentation

* Johnson. B. R. 2021, May. Wildfire Recovery and Resilience 2020: Developing adaptive capacity to increasing risk in the Willamette Valley. 2020 Mount Pisgah Arboretum Wildflower Festival. Eugene Oregon, USA.

* Johnson. B. R. 2021, April. Not seeing the forest for the trees. City Club of Eugene Forum. Seeing the Forest for the Trees: The Emerald Valley's Urban Forest. Eugene Oregon, USA.

I Johnson. B. R. 2019, September. The emerging integration of agriculture and biodiversity in the urban interface, Willamette Valley, Oregon USA. Working Group Presentation. 2018 APRU Sustainable Cities and Landscapes Annual Conference. Sydney, Australia.

*I Johnson, B. R. 2017, July. Restoring Biodiversity in an Ancient Cultural Landscape: Lessons from Two Projects. Public lecture, Tsinghua Urban Planning and Design Institute, Tsinghua University, Beijing, China, July 2017.

*I Johnson, B. R. 2017, July. Nature and the City: The Future of Urban Ecosystems. Public lecture, School of Architecture, Tsinghua University, Beijing, China, July 2017.

*I Johnson, B. R. 2017, July. Ecological Design Principles and Practice. Beijing Urban People Space landscape design Co. Ltd., Beijing, China.

* Johnson, B. R. 2017, May. Willamette Valley Natural and Cultural History. Partnerships for International Research and Education (PIRE) Annual Meeting, Eugene, OR.

* Johnson, B. R. 2016, October. Nature and the City: The Future of Urban Ecosystems. Oregon Museum of Science and Industry (OMSI) Science Pub, Eugene, OR.

*I Johnson, B. R. 2014, August. Designing adaptive landscapes in the face of uncertainty: the challenges of climate change and human settlement. Lecture to Tsinghua University School of Architecture, Beijing, China.

*I Johnson, B. R. 2014, August. Beneath the Surface – How Ecology Informs Landscape Design and Planning. Lecture to Tsinghua Planning and Urban Design Institute, Beijing China.

*I Johnson, B. R. 2014, August. Beneath the Surface – How Ecology Informs Landscape Design and Planning. Lecture to Chinese Federal Landscape Design and Planning Agency, Beijing, China.

* Johnson, B. R. An Ecological Framework for Design. Class presentation to GEOG 142 Human Geography, University of Oregon. February, 2014. Eugene, OR.

* Johnson, B. R. No easy fixes, no simple answers: we need to think like a mountain. Friends of Buford Park Annual Celebration. October, 2012. Eugene, Oregon.

* Johnson, B. R Managing Urban Natural Resources in an Era of Rapidly Changing Climate. Eugene Climate and Energy Action Plan Public Forum. March, 2010. Eugene, Oregon.

* Johnson, B. R. and D. Hulse. The Challenges of Modeling the Interactions of Climate Change, Ecosystem Trajectories and Land Use Decisions. Seeking Sustainable Solutions: A Series of Fireside Conversations on Global Warming. University of Oregon School of Law's Environmental and Natural Resources Law Program and the Environmental Studies Program. March, 2009. Eugene, Oregon.

* Johnson, B. R. Urban ecosystems, restoration and sustainability: What time is this place? Presentation to PPPM Sustainable Urban Development class, University of Oregon. April, 2008. Eugene Oregon.

* Johnson, B. R. Conservation planning for Oregon White oak savanna: Linking ecological science and stakeholder involvement. Dept. of Landscape Architecture, University of Minnesota. May 2006. Minneapolis, MN

*I Johnson, B. R. Design with nature: form or function? Public lecture, School of Architecture. Tsinghua University, January 2006. Beijing, China.

*I Johnson, B. R. Ecological restoration in a cultural world. FIPSE-EU Urban Ecology International Student Exchange Program Intensive Course. June 2005. Amsterdam, The Netherlands.

* Johnson, B. R. Can salmon take the "A" train? Eugene Neighborhood Leadership Council. May 2005. Eugene, OR.

* Johnson, B. R. A tale of two fires. Mt. Pisgah Arboretum Annual Meeting. November 2002. Eugene, OR.

* Johnson, B. R. Rock outcrops as sacred ecological and cultural space. Ecological Conversation Seminar, Center for the Study of Women and Society, University of Oregon. November 2001. Eugene, OR.

* Johnson, B. R. What can ecologists learn from landscape designers (and vice versa)?. Ecology and Evolution Colloquium, Dept. of Biology, University of Oregon. October, 2001. Eugene, OR.

* Johnson, B. R., E. Alverson, and J. Blazar. State of the habitat: management issues facing Mt. Pisgah's diverse ecotypes. Annual meeting of Friends of Pisgah-Mt. Buford. November, 2000. Eugene, OR.

* Johnson, B. R. Ecosystem management in the Pacific Northwest: the roles of science and public participation. Seminar to the U.S. Environmental Protection Agency Research Laboratory. November 1997. Corvallis, OR.

* Johnson, B. R. Protection and restoration of a montane rare plant community: pattern, process and scale. Ecology and Evolution Colloquium, Dept. of Biology, University of Oregon. January 1996. Eugene, OR.

Student Awards and Recognition

Major advisor for Deanna Lynn, who received a 2020 ASLA National Student Honor Award for her project *Landscape design for carbon sequestration*.

Current Graduate Committees

(* indicates committee chair or co-chair)

Student	*Title*	*Dept.*	*Deg.*	*Start*
*Eyrie Horton	Developing Spatially Explicit Invasive Species Management Recommendations for Grassland Restoration Sites in the Western Cascades	LA	M.L.A.	2021
*Lindsey Kurtz	Oak Savanna restoration management based on remote sensing and Light Detection and Ranging (LiDAR) technologies	LA	M.L.A.	2021
*Taylor Bowden	Narratives in Nature: Inclusivity of Black, Indigenous, and People of Color's in public natural areas	LA	M.L.A.	2020
Claire Goodfellow	An investigation of the forces driving interspecies hybridization in a natural elephant population	ANTH	Ph.D.	2019
Alejandro Brambila	Mechanisms and dynamics of state change in pacific northwest grasslands	ENVS	Ph.D.	2019
*Hervé Memiaghe	Human-wildlife Coexistence: Assessing the potential for the coexistence of villagers' farming and forest elephant conservation in Lopé National Park, Gabon	LA	Ph.D.	2015

Post-doctoral and Graduate Student Advisees

Post-Doctoral Advisees

Laurel Pfeifer-Meister. Climate Effects on Plant Range Distributions and Community Structure of Pacific Northwest Prairies (2008-2014)

Timothy Tomaszewski, Climate Effects on Plant Range Distributions and Community Structure of Pacific Northwest Prairies (2008-2012)

Completed Graduate Student Theses and Dissertations

(* indicates committee chair or co-chair)

2020-21

Reed, Paul. Climate change effects on plant range distributions, community dynamics, and productivity in pacific northwest grasslands. Ph.D. Dissertation. Environmental Studies Program.

2019-20

*Deanna Lynn. Landscape design for carbon sequestration. M.L.A. Project. Dept. of Landscape Architecture.

2018-19 (on sabbatical)

Goswami, Swagata. Geomorphology, Hydrology and Human-Environment Interactions in the Kosi Megafan, India. Ph.D. Dissertation. Dept. of Geography.

2017-18

* Mhuireach, Gwynne. Relationships Among Airborne Microbial Communities, Urban Land Uses and Vegetation Cover: Implications for Urban Planning and Human Health. Ph.D. Dissertation. Dept. of Landscape Architecture.

2016-17

Hendricks, Lauren B. The Performance of Four Native Perennial Forb Species Along a Climate Gradient in Pacific Northwest Prairies. M.S. Thesis. Environmental Studies Program.

2015-16

*Reynolds, Lorien L. Soil-Climate Feedbacks: Understanding the Controls and Ecosystem Responses of the Carbon Cycle Under a Changing Climate. Ph.D. Dissertation. Dept. of Biology.

2014-15

*Wu, Hong. Protecting Stream Ecosystem Health in the Face of Rapid Urbanization and Climate Change. Ph.D. Dissertation. Dept. of Landscape Architecture.

2013-14

*Green, William. 2014. Adaptive trees for a changing climate: Assessing the environmental plasticity of the Eugene Street Tree List. M.L.A. Project. Dept. of Landscape Architecture.

Peach, Morgan. 2014. Management Intensity Effects on Lawn Soil Carbon Content in the Eugene-Springfield, Oregon Urban Ecosystem. M.S. Thesis. Environmental Studies Program.

Penteado, Homero. 2014. Open Space As An Armature For Urban Expansion: A Future Scenarios Study To Assess The Effects Of Spatial Concepts On Wildlife Populations. Ph.D. Dissertation. Dept. of Landscape Architecture.

2012-13

*Bednarz, Amanda. 2013. Adaptation Design Network: A Tool for Connecting Research and Design. M.L.A. Project. Dept. of Landscape Architecture.

*Bilot, Danielle. 2013. A Sticky Situation: Retrofitting the Urban Environment to Support Native Bee Habitat and Foraging Areas. M.L.A. Project. Dept. of Landscape Architecture.

*Guzinski, Janielle. 2013. Protecting the Small: Micro-reserves to Address a Gap in Small Population Conservation. M.L.A. Project. Dept. of Landscape Architecture.

Enright, Chris. A Landscape Approach to Ecosystem Services in Oregon's Southern Willamette Valley Agricultural Landscape. Ph.D. Dissertation. Dept. of Landscape Architecture.

*Wilson, Hannah (co-chair). 2012. Climate Change Effects on Arbuscular Mycorrhizal Fungi and Prairie Plants Along a Mediterranean Climate Gradient. M.S. Thesis. Dept. of Biology.

2011-12

*Yospin, Gabriel (co-chair). 2012. Historic and Simulated Vegetation Dynamics in Former Oregon White Oak Savanna, Southern Willamette Valley, Oregon, USA. Ph.D. Dissertation. Dept. of Biology.

*Goklany, Maya (co-chair). 2012. To Escape, Avoid, or Tolerate: Physiological Responses of Perennial Grasses to Experimental Climate Change. M.S. Thesis. Dept. of Biology.

*Sheehan, Tim (co-chair). 2011. Modeling Wildfire and Ignitions for Climate Change and Alternative Land Management Scenarios in the Willamette Valley, Oregon. M.S. Thesis. Dept. of Biology.

2010-11

*Ulrich, Nathan (chair). 2010. Restoring Oak Habitats in the Southern Willamette Valley, Oregon: A Multi-Objective Tradeoffs Analysis for Landowners And Managers. M.L.A. Thesis. Dept. of Landscape Architecture.

Robertson, Sara. A Flexible Future? Three Scenarios for the Future of Confluence Island, their Effects and their Adaptability. M.L.A. Project. Dept. of Landscape Architecture.

2009-10

*Simms, Justin (chair). 2010. Tributary Urbanism: A Guide to Integrate Aquatic Restoration, Property Development, and Civic Space. M.L.A. Project. Dept. of Landscape Architecture.

*Koike, Sandra (chair). 2010. Latent Schoolyards: A Cultural Immersion Approach to Sustainable Schoolyard Design. M.L.A. Project. Dept. of Landscape Architecture.

2008-09

*Pfeifer-Meister, Laurel (co-chair). 2008. Community and Ecosystem Dynamics in Remnant and Restored Prairies. Ph.D. Dissertation Dept. of Biology.

*Day, Kris (chair). 2008. Collaborative Prospects: School Landscapes as Catalysts for Urban Sustainability. M.L.A. Project. Dept. of Landscape Architecture.

*Murphy, Meghan (co-chair). 2008. Edaphic Controls Over Succession In Former Oak Savanna, Willamette Valley, Oregon. M.S. Thesis. Environmental Studies Program.

Walsh, Megan. Natural and Anthropogenic Influences on the Holocene Fire and Vegetation History of the Willamette Valley, Northwest Oregon and Southwest Washington. Ph.D. Dissertation Dept. of Geography.

Turnbull, Lisa. Changes to Nutrient and Carbon Cycling, Soil Properties, and Ecosystem Processes by the Invasive Plants Phalaris Arundinacea and Zostera Japonica. Ph.D. Dissertation Dept. of Biology.

Carr, Erik. Maintenance Amenity Utility: Sustaining Biofilter Performance Through Maintenance-Enhanced Design Techniques. M.L.A. Project. Dept. of Landscape Architecture.

Wrolstad, Eric. The Authentic Willamette Valley Vineyard. M.L.A. Project. Dept. of Landscape Architecture.

2007-08

*McGinley, Shannon (chair). 2008. Shared Habitat: Architecture + Biodiversity. M.L.A. Project. Dept. of Landscape Architecture.

2006-07

*Dauksch, Deborah (chair). 2007. Habitat Gardens: A Homeowner's Guide to Creating Oak Woodland, Oak Savanna, Upland Prairie & Seasonally Wet Prairie Gardens in the Willamette Valley. M.L.A. Project. Dept. of Landscape Architecture.

*Lindgren, John (chair). 2007. Residential Patterns and Habitat Conservation: Human and Fringe-Toed Lizard Survival in the Deserts of the Coachella Valley, Southern California. M.L.A. Project. Dept. of Landscape Architecture.

*Holmes, Susan (chair). 2006. Integrating Invasive Plant Awareness & Management Into Landscape Architecture: A Transferable Methodology. M.L.A. Project. Dept. of Landscape Architecture.

Hersch, Erika. Hybridization and polyploidy among three species of Indian paintbrush. Ph.D. Dissertation. Dept. of Biology

2005-06

*Fisher, Talley (chair). 2006. The Art and Science of Mining Reclamation: An Integrated Approach to the Design of the Post-mined Landscape. M.L.A. Project. Dept. of Landscape Architecture.

*Garmon, Jenna (chair). 2006. Restoring Oak Savanna to Oregon's Willamette Valley: Using Alternative Futures to Guide Land Management Decisions. M.S. Thesis, Environmental Studies Program.

*Sonnenblick, Karen (co-chair). 2006. Environmental Controls over Forest Succession of a Former Oak Savanna, Jim's Creek, Willamette National Forest, Oregon. M.S. Thesis, Dept. of Biology.

Enright, Chris. Integrating Regional Conservation Priorities with Site Scale Knowledge: An Approach to Habitat Conservation Planning in Oregon's Willamette Valley. M.L.A. Project. Dept. of Landscape Architecture.

2004-05

*Day, Jonathon (chair). 2005. Historical savanna structure and succession at Jim's Creek, Willamette National Forest, Oregon. M.S. Thesis, Dept. of Geography.

*Richardson, Philip (chair). 2005. A Decision Support Matrix to Assist Planners in Conserving Priority Oak Habitats in the Southern Willamette Valley. M.L.A. Project. Dept. of Landscape Architecture.

*Lamborn, Matt (chair). 2005. Ecological Experience: Exploring Aesthetics & Behavior Change as Integral Processes in Ecological Design. M.L.A. Project. Dept. of Landscape Architecture.

Wrensch, Marina. Innovative fish passage design for bull trout: a species-oriented design. M.L.A. Project. Dept. of Landscape Architecture.

2003-04

Sabbatical

2002-03

*Carnagey, Craig (chair). 2003. Envisioning School Grounds for Learning: A Design Notebook for the Outdoor Spaces of Eugene District 4J School Facilities. M.L.A. Project. Dept. of Landscape Architecture.

*Chinitz, Amy (chair). Humans and cougars in southwestern Oregon: From conflict to coexistence? M.S. thesis. Environmental Studies Program.

Chao, Jih-Shen. Living Urban Riverfronts: A Framework of Creative Landscape design to Optimize Human and Natural Values in Existing and Future Urban Riverfronts. M.L.A. Project. Dept. of Landscape Architecture.

Payne, Susan. Modeling the Effects of Alternative Rural Residential Patterns on Vertebrate Biodiversity in the Willamette River Basin, Oregon. M.L.A. Project. Dept. of Landscape Architecture.

Long, Colin. Holocene fire history and vegetation change in the Oregon Coast Range. Ph.D. Dissertation Dept. of Geography.

2001-02

*Jancaitis, Jean (chair). Restoration of a Willamette Valley wet prairie: an evaluation of two management techniques. M.S. thesis. Environmental Studies Program.

*Guay, Michelle (chair). Enhancement and monitoring plan for a wetlands restoration in Amazon Park, Eugene, Oregon. M.S. Terminal Project. Environmental Studies Program.

Crosby, Stewart. Preserving the pleasure drive: A rehabilitation plan for Terwilliger Boulevard. M.L.A. Project. Dept. of Landscape Architecture.

Roelof, Steve. Inevitable emergence: examining elements of self-organization and enabling nonlinear transformation in a Coast Range riparian zone. M.L.A. Project. Dept. of Landscape Architecture.

Aoki, Mieko. Designing for birds: Using the North American Breeding Bird Survey to investigate the effects of land cover changes between 1970 and 1990 on bird populations in the northern Willamette Valley. M.L.A. Project. Dept. of Landscape Architecture.

2000-01

*Hurley, Patrick (chair). Conserving threatened habitat types outside of protected areas in rural landscapes: A case study in Wasco County, Oregon M.S. thesis. Environmental Studies Program.

Matthews, Laurie. A Circle in Time: Frederick Law Olmsted's design for The Lawrenceville School. M.L.A. Project, Department of Landscape Architecture.

Madsen, Jeremy. Collaboration for Federal Forest Management and Environmentalists in the Pacific Northwest and Northern California. M.S. Thesis. Environmental Studies Program.

1998-99

Clark, Britten. Assessing the Effects of Suburban Land Use Decisions on Wildlife Habitat in a Charette Context. M.L.A. Project. Dept. of Landscape Architecture.

Senos, Rene. Ecological Restoration as Community Healing: A Regenerative Strategy for Urban Watersheds. M.L.A. Project. Dept. of Landscape Architecture.

Thomas Walla. Measures of Temporal and Spatial Diversity in a Neotropical Fruit-Feeding Nymphalid Butterfly Community. Ph.D. Dissertation. Dept. of Biology.

1998-99

*Whitman, Tina (chair). Landscape biodiversity modeling as a tool for applying ecological theory to land use planning in the Little Applegate watershed. M.S. thesis. Environmental Studies Program.

Pinit, P. Thomas. A survey of Oregon coastal wetland restoration and case study on fish monitoring. Environmental studies, M.S. Thesis. Environmental Studies Program

1997-98

*Sardy, Marin (chair). Control of English Ivy (Hedera helix) in Oregon parks. B.A. Honors thesis. Honors College & Dept. of Biology.

1996-97

Armbruster, Peter. Consequences of, and opportunities for, genetic differentiation among populations of the pitcher-plant mosquito, Wyeomyia smithii. Ph.D. dissertation. Dept. of Biology.

Dearborn, Hilary. Riparian restoration design and historical patterns of vegetation: using U.S. government land office survey notes in Muddy Creek watershed, Willamette Valley, Oregon. M.L.A. project. Dept. of Landscape Architecture.

Christensen-Kirsch, Kathleen. Phytoremediation and wastewater effluent disposal: guidelines for landscape planners. M.L.A. project. Dept. of Landscape Architecture.

Brock, Emily. Outbreeding depression in the restoration of plant populations. M.A. Critical project. Dept. of Biology.

1995-96

Rolph, Diane. A comparative study of three watershed partnerships in Oregon. M.S. Thesis. Dept. of Planning, Public Policy and Management.

University of Oregon Teaching History

2020-21

Fall LA 441/541 Principles of Applied Ecology

Winter LA 489/589 Design Studio: Wildfire Recovery and Resilience

LA 410/510 Climate Change Adaptation

Spring LA 621 Landscape Research II

Supervised Independent Studies:

Fall

LA 601 Research (2 cr) Taylor Bowden
LA 601 Research (2 cr) Elizabeth Koonce
LA 603 Dissertation (3 cr.) Herve Memiaghe

Winter

LA 601 Research (4 cr) Lindsey Kurtz
LA 603 Dissertation (3 cr.) Herve Memiaghe

2019-20

Fall LA 441/541 Principles of Applied Ecology

Winter LA 489/589 Design Studio: Mt. Pisgah Summit

Spring LA 410/510 Climate Change Adaptation

LA 439/539 Design Studio: Doing the Most with the Least

Supervised Independent Studies:

Fall

LA 601 Research (2 cr) Deanna Lynn

LA 603 Dissertation (3 cr.) Herve Memiaghe
LA 605 Reading (5 cr) Erica Andrus
Winter
LA 603 Dissertation (3 cr.) Herve Memiaghe
Spring
LA 603 Dissertation (3 cr.) Herve Memiaghe

2018-19 *Fall* Sabbatical
Winter Sabbatical
Spring Sabbatical
Supervised Independent Studies:
Fall
LA 605 Reading (9 cr.) Herve Memiaghe
Winter
LA 603 Dissertation (9 cr.) Herve Memiaghe
Spring
LA 603 Dissertation (9 cr.) Herve Memiaghe

2017-18 *Fall* LA 441/541 Principles of Applied Ecology
Spring LA 621 Landscape Research II
Supervised Independent Studies:
Fall
LA 601 Research (3 cr) Herve Memiaghe, Oak savanna restoration and conservation
LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach
Winter
LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach
LA 605 Reading (9 cr.) Herve Memiaghe
ENVS 604 Internship (4 cr.) Alejandro Brambila
Spring
LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach
LA 605 Reading (9 cr.) Herve Memiaghe

2016-17 *Fall* LA 441/541 Principles of Applied Ecology
Spring LA 621 Landscape Research II
Supervised Independent Studies:
Fall
LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach
Winter
LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach
Spring
LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach

2015-16 *Fall* LA 441/541 Principles of Applied Ecology
Spring LA 621 Landscape Research II
Supervised Independent Studies:
Fall

LA 606 Special Problems (5 cr.), Memiaghe, Herve
LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach

Winter

ENVS 604 Internship (5 cr.) Paul Reed, Ecology Lab Rotation
LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach

Spring

LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach

2014-15 *Fall* LA 441/541 Principles of Applied Ecology

LA 465/565 Advanced Landscape Ecology: Reading the Landscape of Wild Oregon

Winter HC 441H Climate Change Adaptation Planning

Spring LA 621 Landscape Research II

Supervised Independent Studies:

Fall

LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach
LA 603 Dissertation (9 cr.) Hong Wu
LA 406 Special Problems (2 cr.) Charles Newton

Winter

LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach

Spring

LA 603 Dissertation (9 cr.) Gwynhwyfer Mhuireach

2013-14 *Fall* LA 441/541 Principles of Applied Ecology

LA 494/594 Planning Studio: Sustaining Livability and Ecosystem Services: The challenges of planning for climate change, population growth and wildfire in the Eugene-Springfield wildland-urban interface

Winter LA 465/565 Advanced Landscape Ecology: Climate Change Adaptation Planning

Spring LA 621 Landscape Research II

LA 439/539 Design Studio: Doing the Most with the Least

Supervised Independent Studies:

Fall 2013

LA 409 Practicum (1 cr.) Rebecca Shepard, UO Riverfront
LA 601 Research (2 cr.) Gwynhwyfer Mhuireach, Wildlife Simulation Modeling
LA 606 Special Problems (2 cr.) Gwynhwyfer Mhuireach, LA 541
LA 606 Special Problems (2 cr.) Michael Corrente, LA 541

Winter 2014

LA 409 Practicum (1 cr.) Rebecca Shepard, UO Riverfront
LA 605 Reading (2 cr.) Gwynhwyfer Mhuireach, Dissertation Prospectus Preparation

Spring 2014

LA 401 Research (1 cr.) Rebecca Shepard, UO Riverfront
LA 606 Special Problems (4 cr.) Miranda Hawkes, LA 539 studio
LA 606 Special Problems (2 cr.) Gwynhwyfer Mhuireach, Wildlife Simulation Modeling

2012-13 *Fall* LA 441/541 Principles of Applied Ecology

LA 494/594 Planning Studio: Sustainable Human Settlements: The challenges of planning for climate change, population growth and wildfire in the Eugene-Springfield wildland-urban interface

Winter LA 408/508 Climate Change Planning and Design

Spring LA 621 Landscape Research II

LA 439/539 Design Studio: Doing the Most with the Least

Supervised Independent Studies:

Fall 2012

LA 405 Reading (1 cr.) Eric Bechler, Ecology Fundamentals for Designers
LA 405 Reading (3 cr.) Jesse Denny, Ecology Fundamentals for Designers
LA 405 Reading (4 cr.) Meseret Tegenu, Ecology Fundamentals for Designers
LA 601 Research (3 cr.) Gwynhwyfer Mhuireach, Wildlife Simulation Modeling
LA 606 Special Problems (2 cr.) Gwynhwyfer Mhuireach, Research Bibliography

Spring 2013

LA 601 Research (2 cr.) Amanda Bednarz, Climate Adaptation Planning
LA 606 Special Problems (2 cr.) Michael Corrente, LA Research II Ph.D. credits
LA 606 Special Problems (2 cr.) Gwynhwyfer Mhuireach, LA Research II Ph.D. credits

2011-12 *Fall* Sabbatical

Winter Sabbatical

Spring Sabbatical

Supervised Independent Studies: none

2010-11 *Fall* LA 441/541 Principles of Applied Ecology

Course Buyout

Winter LA 621 Landscape Research II

LA 408/508 Climate Change Planning and Design

Spring Course buyout

Supervised Independent Studies:

Fall 2009

LA 601 Research (3 cr.) Wu Hong, Savanna Land Use History
LA 606 Dissertation Development (2 cr.) Wu Hong

Winter 2010

LA 406 Special Problems (2 cr.) Charlotte Goldman, LA Research II
LA 601 Research (2 cr.) Wu Hong, Savanna Land Use History
LA 605 Reading (9 cr.) Wu Hong, Dissertation Prospectus Preparation

2009-10 *Fall* LA 441/541 Principles of Applied Ecology

Course Buyout

Winter LA 621 Landscape Research II

LA 408/508 Climate Change Planning and Design

Spring Course buyout

Supervised Independent Studies:

Fall 2009

LA 601 Research (3 cr.) Wu Hong, Savanna Land Use History
LA 606 Dissertation Development (2 cr.) Wu Hong

Winter 2010

LA 406 Special Problems (2 cr.) Charlotte Goldman, LA Research II
LA 601 Research (2 cr.) Wu Hong, Savanna Land Use History
LA 605 Reading (9 cr.) Wu Hong, Dissertation Prospectus Preparation

2008-09	*Fall*	LA 441/541 Principles of Applied Ecology
		LA 465/565 Advanced Landscape Ecology: Reading the Landscape of Wild Oregon
	Winter	LA 621 Landscape Research II
		LA 408/508 Climate Change Planning and Design
	Spring	Course buyout

Supervised Independent Studies:

Fall 2008

LA 601 Research (5 cr.) Wu Hong, Savanna Land Use History
LA 699 Masters Project (2 cr.) Sandra Koike
LA 605 Reading (4 cr.) Joshua Skov, Climate Change and Fire Policy
LA 605 Reading (2 cr.) Cody Evers, Applied Ecology
LA 609 Practicum (6 cr.) Nathan Ulrich, Oak Savanna Restoration Modeling

Spring 2009

LA 605 Reading (6 cr.) Wu Hong, Hydrology and Climate Change
LA 605 Reading (4 cr.) Tim Sheehan, Fire Ecology and Management

2007-08	*Fall*	LA 441/541 Principles of Applied Ecology
		LA 408/508 Workshop: Fire Ecology and Management
	Winter	LA 621 Landscape Research II
		LA 489/589 Design Studio: Campus Habitats Pattern Language
	Spring	Course buyout

Supervised Independent Studies:

Fall 2007

LA 699 Masters Project (6 cr.) Shannon McGinley
LA406 Special Problems (2 cr.) Susan Phillips, Forest Lands Management

Winter 2008

LA 699 Masters Project (3 cr.) Shannon McGinley
LA406 Special Problems (4 cr.) Susan Phillips, Forest Lands Management

Spring 2008

LA 699 Masters Project (3 cr.) Shannon McGinley
LA601 Research (5 cr.) Wu Hong, Savanna Land Use History
LA 601 Research (2 cr.) Jennifer Marx, Information Services For Oak Habitat Landowners
LA601 Research (2 cr.) Wu Hong, Urban Hydrology Readings

2006-07	*Fall*	LA 441/541 Principles of Applied Ecology

LA 465/565 Advanced Landscape Ecology: Reading the Landscape of Wild Oregon

Winter LA 621 Landscape Research II and Department Service

Spring Course buyout

Supervised Independent Studies:

Summer 2006

LA699 Masters Project (6 cr.) John Lindgren

Fall 2006

LA 406 Special Problems (4 cr.) Joel Smith, GIS data Development For Historical Savanna Research

LA 699 Masters Project (3 cr.) John Lindgren

LA 699 Masters Project (6 cr.) Deborah Dauksch

LA 699 Masters Project (5 cr.) Susan Holmes

Winter 2007

LA 699 Masters Project (3 cr.) John Lindgren

Spring 2007

LA 606 Special Problems (4 cr.) Simms, Justin, Development Of Evidence For Clean Water Act Violations For The U.S. Dept. Of Justice

LA 699 Masters Project (3 cr.) Deborah Dauksch

2005-06 *Fall* LA 494/594 Planning Studio: Landscape Planning at the confluence of the McKenzie and Willamette Rivers in the Eugene/Springfield metropolitan area

LA 441/541 Principles of Applied Ecology

LA 408/508 Workshop: Fire as a Tool for Landscape Designers, Planners and Managers

Winter LA 621 Landscape Research II

Spring Course buyout

Supervised Independent Studies:

Fall 2005

LA 699 Masters Project (7 cr.) Talley Fisher

LA 401 Research (1 cr.) Katelyn Ruben, Ecological Change Data Representation

Winter 2006

LA 503 Thesis (6 cr.) Adrienne Moll

LA 699 Masters Project (8 cr.) Talley Fisher

LA 699 Masters Project (2 cr.) Susan Holmes

ENVS 503 Thesis (12 cr.) Garmon , Jennifer

LA 601 Research (4 cr.) Gabriel Yospin, Ecological Simulation Modeling

LA 401 Research (1 cr.) Katelyn Ruben, Ecological Change Data Representation

LA 406 Special Problems (2 cr.) Justin Howland, Ecological Field Work

Spring 2006

LA 503 Thesis (9 cr.) Adrienne Moll

LA 699 Masters Project (3 cr.) Talley Fisher

LA 699 Thesis (3 cr.) John Lindgren

LA 699 Masters Project (9 cr.) Susan Holmes

LA 699 Masters Project (6 cr.) Deborah Dauksch

LA 406 Special Problems (4 cr.), Sky Skach, Ecological Restoration Studio Development
ENVS 503 Thesis (8 cr.) Jennifer Garmon
ENVS 604 Internship (4 cr.) Jennifer Garmon

2004-05 *Fall* LA 494/594 Planning Studio: Landscape Planning at the confluence of the McKenzie and Willamette Rivers in the Eugene/Springfield metropolitan area
LA 441/541 Principles of Applied Ecology
LA 465/565 Advanced Landscape Ecology: Reading the Landscape of the High Cascades

Winter LA 621 Landscape Research II

Spring Course buyout

Supervised Independent Studies:

Fall 2004
LA 601 Research (6 cr.) Renske Boswinkel, Oak Savanna Soil Phyolith Analysis
LA 699 Masters Project (6 cr.) Matt Lamborn
BI 601 Research (8 cr.) Karen Sonnenblick, Science Lab Rotation

Winter 2005
LA 601 Research (2 cr.) Marina Wrensch, Oak Savanna Research
LA 699 Masters Project (6 cr.) Matt Lamborn

Spring 2005
LA 401 Katelyn Ruben (3 cr.), Ecological Change Data Representation
LA 601 Research (6 cr.) Renske Boswinkel, Oak Savanna Soil Phyolith Analysis
LA 601 Research (9 cr.) Santiago Hernandez, Mycorrhizzae in Wetland Prairie Restoration
LA 601 Research (4 cr.) Jennifer Garmon, Stakeholder Participation in Restoration Decision Making

2003-04 *Fall* Sabbatical

Winter Sabbatical

Spring LA 441/541 Principles of Applied Ecology

Supervised Independent Studies:

Fall 2003
LA 699 Masters Project (3 cr.) Matt Lamborn

Winter 2004
LA 699 Masters Project (3 cr.) Matt Lamborn

Spring 2004
LA 699 Masters Project (4 cr.) Matt Lamborn

2002-03 *Fall* LA 494/594 Planning Studio: Landscape Planning at the confluence of the Long Tom and Willamette Rivers
LA 408/508 Workshop: Fire as a Tool for Landscape Designers, Planners and Managers
LA 441/541 Principles of Applied Ecology

Winter LA 489/589 Site Studio: Campus Habitats Design and Planning

Spring Sabbatical

Supervised Independent Studies:

Summer 2002

LA 699 Masters Project (3 cr.) Craig Carnagey

Fall 2002

ENVS 602 Supervised Teaching (4 cr.) Patrick Hurley, Applied Ecology and Design
LA 199 Special Studies (2 cr.) Iris Benson, Conservation Design
LA 406 Special Problems (1 cr.) Kimberley Huber, Ecological Applications for Design
LA 406 Special Problems (1 cr.) Garrick Mishaga, Art and Ecology Wetlands Design
LA 406 Special Problems (2 cr.) Lisa Mitcheltree, Prairie Restoration Literature Review
LA 602 Supervised Teaching (2 cr.) Jordan Secter, Design studio teaching assistant
LA 699 Masters Project (3 cr.) Matt Lamborn
PPPM 503 Thesis (3 cr.) Chinitz, Amy

Winter 2003

LA 401 Research (2 cr.) Margaret Robertson, Riverfront Ecological Analysis
LA 602 Supervised Teaching (4 cr.) Craig Russell, Design studio teaching assistant
LA 699 Masters Project (3 cr.) Matt Lamborn
LA 699 Masters Project (6 cr.) Craig Carnagey

Spring 2003

LA 406 Special Problems (2 cr.) Jebediah Doran, Campus Habitats Pattern Language
LA 406 Special Problems (4 cr.) Kevin Higgins, Campus Habitats Pattern Language
LA 601 Master's Research (3 cr.) Craig Russell, Campus Habitats Pattern Language
LA 606 Special Problems (2 cr.) Olena Turula, Campus Habitats Pattern Language
LA 699 Masters Project (3 cr.) Matt Lamborn
LA 699 Masters Project (5 cr.) Craig Carnagey

2001-02

Fall LA 494/594 Planning Studio: The River Studio: Riverine planning in the Eugene-Springfield Metro Area
LA 465/565 Advanced Landscape Ecology: Reading the Landscape of the High Cascades

Winter LA 420/520 Landscape Research
LA 489/589 Site Studio: Skinner Butte Ecological Layers

Spring LA 441/541 Principles of Applied Ecology

Supervised Independent Studies:

LA 406 Special Problems (1 cr. S) Dainella Nartker, Rock Outcrop Plants of the Pacific Northwest
LA 601 Master's Research (6 cr., SU, F) Steve Roelof, Watershed Riparian Restoration
LA 601 Master's Research (3 cr. F) Jocelyn Eisenberg, Urban River Ecological Analysis
LA 601 Master's Research (3 cr. F) Jih-Shen Chao, Urban Rivers Riparian Ecology and Policies
LA 699 Masters Project (9 cr.) Matt Lamborn
LA 699 Masters Project (16 cr.) Craig Carnagey
ENVS 503 Thesis (7 cr. F) Amy Chinitz
PPPM 503 Thesis (27 cr. F,W,S) Amy Chinitz

2000-01 *Fall* LA 494/594 Planning Studio: Oregon Coast Landscape from Waldport to Reedsport.
LA 408/508 Workshop: Fire as a Tool for Landscape Designers, Planners and Managers
LA 415/515 Computers in Landscape Architecture (supervising faculty member)

Winter LA 420/520 Landscape Research
LA 389 Site Studio: Living Landscapes: Toward a Vital Eugene Riverfront

Spring LA 441/541 Principles of Applied Ecology

Supervised Independent Studies:

LA 406 Special Problems (6 cr. W) Leah MacDonald, New Zealand Rock Outcrop Plants
LA 601 Master's Research (6 cr., SU, F) Craig Carnagey, Ecology and Design Book Project
LA 601 Master's Research (2 cr., W) Ryan Ruggiero, Rock Outcrop Plant Ecology
LA 602 Teaching (3 cr. W) Jocelyn Eisenberg, Design Studio Teaching Assistant
LA 602 Teaching (3 cr., W) Pam Kelrick, Design Studio Teaching Assistant
LA 606 Special Problems (3 cr., F) Matt Lamborn, Images of Ecological Design
LA 606 Special Problems (3 cr., W) Jennifer Marlon
LA 699 Masters Project (10 cr.) Matt Lamborn
LA 699 Masters Project (3 cr.) Craig Carnagey
ENVS 503 Thesis (10 cr. F,W,S) Patrick Hurley
ENVS 609 Terminal Project (6 cr., W, S) Michelle Guay

1999-2000 *Fall* LA 494/594 Planning Studio: Rowena Wilds Design and Watershed Planning
LA 420/520 Landscape Research
LA 412/512 Advanced Landscape Ecology: Reading the Landscape of the High Cascades

Winter LA 389 Site Studio: Tugman Park Conservation Design

Spring LA 441/541 Principles of Applied Ecology

Supervised Independent Studies:

LA 601 Masters Research (2 cr.) Patrick Hurley, Ecological Field Analysis
LA 601 Masters Research (9 cr.) Rene Senos, Ecological Design Analysis
LA 605 Special Readings (3 cr.) Amy Chinitz, Survey Development
LA 606 Special Problems (3 cr.) Patrick Hurley, Ecological Field Analysis
ENVS 503 Thesis (9 cr.) Patrick Hurley
ENVS 503 Thesis (2 cr.) Jean Jancaitis
ENVS 609 Terminal Project (3 cr.) Michelle Guay

1998-99 *Fall* LA 494/594 Planning Studio: Greater Monroe Project
LA 420/520 Landscape Research
LA 412/512 Advanced Landscape Ecology: Reading the Landscape of the High Cascades

Winter LA 389 Site Studio: Tugman Park Ecological Design

Spring LA 441/541 Principles of Applied Ecology

Supervised Independent Studies:
LA 601 Master's Research (6 cr.) Sarah Birger, Watershed Planning Survey
LA 601 Master's Research (1 cr.) David Claman, Fire Class Curriculum Development
LA 606 Special Problems (3 cr.) Sarah Birger, Watershed Planning Survey
LA 606 Special Problems (2 cr.) Trevor Taylor, Ecological Field Analysis
LA 606 Special Problems (2 cr.) Sophie Robitaille, Ecological Representation
ENVS 503 Thesis (6 cr.) Tina Whitman

1997-98 *Fall* LA 494/594 Planning Studio: Metro Urban Reserves
LA 420/520 Landscape Research
Winter LA 389 Site Studio: Humans in Nature - Nature in the Urban Park
LA 412/512 Advanced Landscape Ecology: Restoration Ecology
Spring LA 441/541 Principles of Applied Ecology
Supervised Independent Studies: L
LA 601 Master's Research (3 cr.) Sarah Birger, Watershed Planning Assessment
ENVS 503 Thesis (6 cr.) Tina Whitman

1996-97 *Fall* Course buyout
Winter LA 407/507 Landscape Seminar: Biodiversity and the Landscape
Spring LA 441/541 Principles of Applied Ecology
LA 601 Little Applegate Watershed Research Studio
Supervised Independent Studies:
LA 606 Special Problems (4 cr.) Ron Campbell, Watershed Planning Survey
LA 406 Special Problems (4 cr.) Patrick Curran, Ecological Analysis
PPPM 601 Research Credits (6 cr.) Diane Rolph

1995-96 *Fall* Course buyout
Winter Course buyout
Spring LA 441/541 Principles of Applied Ecology
Supervised Independent Studies:
LA 601 Masters Research (1 cr.) Kim Musser, Watershed Planning Survey
LA 606 Special Problems (2 cr.) Susan Gries, Watershed Planning Survey

Other Teaching

1995- Gave lectures and other presentations on ecological design and research to a variety of classes and forums: (not listed individually after 2002); Urban Rivers Ecology and Issues LA 4/589-ARCH 4/584 joint studio (Girling and Kellert, S02); Ecological design presentation and critique, ARCH 4/584 Design studio (Pena W99); Ecological research presentation, Environmental Studies graduate students forum (Udovic F96, 97, 98, W99, 00); Landscape ecology in urban open space planning lecture, LA 4/510 Open Space Planning class (Girling W95, 99); Ecosystems in art lecture, ARTV 460 Computers in Art I (Tan W97); Ecology walk and lecture LA 361 Site Analysis (Jones SU 97); Introductory landscape ecology lecture (Ribe F96); Ecological research presentation, LA 420/520-ARCH 620 Research Methods (Melnick & Welch, F96 & F95); Landscaping for wildlife enhancement lecture and discussion, LA 389 Design studio (Diethelm F95).

1995-96 Served as an ecological consultant in three studios as part of teaching responsibilities

Developed a joint project, "Art and the ecosystem" with Professor Ying Tan of the Fine Arts Department. Five students produced ecological murals in digital media

University Service Record

Systems

2020-21 **University**
UO and International Steering Committee Chair for UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes (SCL) Hub; Member, Institute for a Sustainable Environment (ISE); Member, Environmental Sciences Institute (ESI); Associate Member, Institute for Ecology and Evolution (IE2), Department of Biology

College
n/a

School
n/a/

Department
Faculty Review Committee (Promotion and Performance Reviews for two TTF); Peer Teaching reviews; BLA Admissions Committee

2019-20 **University**
UO and International Steering Committee Chair for UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes (SCL) Hub; Member, Institute for a Sustainable Environment (ISE); Member, Environmental Sciences Institute (ESI); Associate Member, Institute for Ecology and Evolution (IE2), Department of Biology

College
n/a

School
n/a/

Department
Faculty Review Committee (Promotion and Performance Reviews for two TTF); Peer Teaching reviews

2018-19 **University - on sabbatical**
UO and International Steering Committee Chair for UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes (SCL) Hub; Member, Institute for a Sustainable Environment (ISE); Member, Environmental Sciences Institute (ESI); Associate Member, Institute for Ecology and Evolution (IE2), Department of Biology

College

School

Department

2017-18 **University**
UO and International Steering Committee Chair for UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes (SCL) Hub; Member, Institute for a Sustainable Environment (ISE); Member, Environmental Sciences Institute (ESI); Associate Member, Institute for Ecology and Evolution (IE2), Department of Biology

College

Portland Program Faculty Assignment Review Committee

School

SAE Leadership Committee

Department

Department Head; Member, Ph.D. Faculty Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration; mentor for a joint LA-ENVS TTF faculty member

2016-17 **University**

Co-chair and lead facilitator, 2017 Inaugural APRU Sustainable Cities and Landscapes Conference. September 15-17, Portland, OR; Lead faculty developer for the UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes Research Hub, and service as the first Chair of its Academic Steering Committee; Member, Institute for a Sustainable Environment (ISE); Member, Environmental Sciences Institute (ESI); Associate Member, Institute for Ecology and Evolution (IE2), Department of Biology

School

N/A

Department

Department Head; Member, Ph.D. Faculty Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration; mentor for a new joint LA-ENVS TTF faculty member

2015-16 **University**

Lead faculty developer for the UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes Research Hub, and service as the first Chair of its Academic Steering Committee; Member, Institute for a Sustainable Environment (ISE); Member, Environmental Sciences Institute (ESI); Associate Member, Institute for Ecology and Evolution (IE2), Department of Biology

School

Member of AAA Heads team (comprised of all AAA Dept. and Program Heads, the Dean and Associate Deans)

Department

Department Head; Member, Ph.D. Faculty Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration; mentor for a new joint LA-ENVS TTF faculty member

2014-15 **University**

Member, Institute for a Sustainable Environment (ISE); Member, Environmental Sciences Institute (ESI); Associate Member, Institute for Ecology and Evolution (IE2), Department of Biology

School

AAA Phase 1 Building Project Internal Workgroup

Department

Member, Ph.D. Faculty Committee, Coordination of M.L.A. Landscape Ecology Area of Concentration; MLA Program Admissions Committee

2013-14 **University**

Member, Institute for a Sustainable Environment (ISE); Member, Environmental Sciences Institute (ESI); Associate Member, Institute for Ecology and Evolution (IE2), Department of Biology

School

AAA Faculty Personnel Committee

Department
Member, Ph.D. Faculty Committee, Coordination of M.L.A. Landscape Ecology Area of Concentration; Chair, MLA Program Admissions Committee

2012-13 **University**
Member, Institute for a Sustainable Environment; Member, Environmental Sciences Institute; Associate Member, Center for Ecology and Evolutionary Biology, Department of Biology

School
AAA Faculty Personnel Committee

Department
Member, Ph.D. Faculty Committee, Member, Faculty Search Committee, Coordination of M.L.A. Landscape Ecology Area of Concentration; Chair, MLA Program Admissions Committee

2011-12 **University**
Steering Committee member for the development and implementation of a new UO interdisciplinary Institute, the Environmental Science Institute (ESI); Member, Institute for a Sustainable Environment;

Department
On sabbatical

2010-11 **University**
Steering Committee member for the development and implementation of a new UO interdisciplinary Institute, the Environmental Science Institute (ESI); Member, Institute for a Sustainable Environment; Associate Member, Center for Ecology and Evolutionary Biology, Department of Biology

Department
Ph.D. Program Director; Coordination of M.L.A. Landscape Ecology Area of Concentration; Chair, MLA Program Admissions Committee

2009-10 **University**
Member, Institute for a Sustainable Environment; Associate Member, Center for Ecology and Evolutionary Biology, Department of Biology

Department
Ph.D. Program Director; Coordination of M.L.A. Landscape Ecology Area of Concentration; Chair, MLA Program Admissions Committee

2008-09 **University**
Member, Institute for a Sustainable Environment; Associate Member, Center for Ecology and Evolutionary Biology, Department of Biology

School
Yeon Advisory Committee

Department
Ph.D. Program Director; Faculty Search Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration; MLA Program Admissions Committee

2007-08 **University**
Member, Institute for a Sustainable Environment; Associate Member, Center for Ecology and Evolutionary Biology, Department of Biology

School

Yeon Advisory Committee; International Initiatives Committee

Department
Ph.D. Program Director; Faculty Search Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration; Chair, MLA Program Admissions Committee

2006-07 **University**
UO Statistical Support Committee reporting to Rich Linton, Vice President for Research and Graduate Studies; 0-FTE core faculty member of Environmental Studies Program; Environmental Studies Executive Committee; Member, Institute for a Sustainable Environment; Associate Member, Center for Ecology and Evolutionary Biology, Department of Biology

School
Liaison with Environmental Studies Program; Yeon Advisory Committee

Department
Ph.D. Program Director; Coordination of MLA Landscape Ecology Area of Concentration; MLA Program Admissions Committee;

2005-06 **University**
0-FTE core faculty member of Environmental Studies Program; Environmental Studies Executive Committee; Member, Institute for a Sustainable Environment; Associate Member, Center for Ecology and Evolutionary Biology, Department of Biology

School
Liaison with Environmental Studies Program; Yeon Advisory Committee

Department
Ph.D. Program Director; Coordination of M.L.A. Landscape Ecology Area of Concentration

2004-05 **University**
0-FTE core faculty member of Environmental Studies Program; Environmental Studies Executive Committee; Member, Institute for a Sustainable Environment; Associate Member, Center for Ecology and Evolutionary Biology, Department of Biology

School
Liaison with Environmental Studies Program

Department
Ph.D. Program Development Committee; MLA Program Admissions Committee; Landscape Ecology Area of Concentration;

2003-04 **Sabbatical**

2002-03 **University**
Environmental Studies Executive Committee; Member, Institute for a Sustainable Environment; Associate Member, Center for Ecology and Evolutionary Biology, Department of Biology

School
AAA Yeon Advisory Committee, AAA Scholarship Committee

Department
Ph.D. Program Development Committee; MLA Program Admissions Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration

2001-02 **University**
Environmental Studies Executive Committee; Participating Faculty in the Environmental Studies program. Served as faculty advisor to the first Environmental Studies Community

Service Project, making a research presentation, critiquing student proposals and research, and participating in field trips.

School
Chair, Yeon Advisory Committee

Department
Ph.D. Program Development Committee; MLA Program Admissions Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration

2000-01 **University**
Environmental Studies Executive Committee; Participating Assistant Professor of PPPM; Participating Faculty in the Environmental Studies program

School
Chair, Yeon Advisory Committee; Academic Affairs Committee

Department
Curriculum Committee (1st prof. MLA proposals and lead on Ph.D. program development); MLA Program Admissions Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration

1999-2000 **University**
Participating Assistant Professor of PPPM; Participating Faculty in the Environmental Studies program

School
Yeon Advisory Committee; AAA House Committee

Department
UO Program Review Committee; Admissions Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration; Supported graduate student with two terms of 0.25 FTE hourly position

1998-99 **University**
Participating Faculty in the Environmental Studies program; Participating Assistant Professor of PPPM

School
Yeon Advisory Committee; AAA House Committee

Department
Admissions Committee; Developed $750 restoration scholarship with goal of future endowment; Scholarship Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration; Supported graduate student with two terms of 0.25 FTE hourly position

1997-98 **University**
Participating Faculty in the Environmental Studies program; Participating Assistant Professor of PPPM

School
Development of the first Shire Conference under the Yeon endowment

Department
Admissions Committee; Scholarship Committee; Coordination of M.L.A. Landscape Ecology Area of Concentration; Supported graduate student with two terms of Graduate Research Assistant

1996-97 **University**

Participating Faculty in the Environmental Studies program; Participating Assistant Professor of PPPM

School

Chair, AAA Computing Committee; AAA Computer Support Search Committee; Development of the first Shire Conference under the Yeon endowment, Facilitated conflict resolution meetings on student chemical sensitivities in design studios

Department

Initiation of M.L.A. Landscape Ecology Area of Concentration; Curriculum Committee; Admissions Committee; Supported graduate student with two terms of Graduate Research Assistant

1995-96 **University**

Participating Assistant Professor of PPPM

School

AAA Computing Committee

Department

Developed curricular goals and plan of action for ecology in the Landscape Architecture program; Published articles on developing ecology in the UO landscape architecture program in the AAA Review and Oregon Land; Curriculum Committee; Scholarship Committee; Supported six graduate students for a total of 14 terms of 0.25 FTE hourly positions as well as a 0.50 FTE research assistant

Professional & Community Service

2020-21 Chair of UO and International Steering Committees for UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes Research Hub; Howard Buford Recreation Area Habitat Advisory Team. Invited member of inter-agency work group charged with reviewing the implementation of the HBRA Habitat Management Plan and recommending changes for plan improvement; Willamette Valley Oak-Prairie Cooperative Working Group; Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. Reviewer for Systems Journal.

2019-20 Chair of UO and International Steering Committees for UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes Research Hub; Howard Buford Recreation Area Habitat Advisory Team. Invited member of inter-agency work group charged with reviewing the implementation of the HBRA Habitat Management Plan and recommending changes for plan improvement; Willamette Valley Oak-Prairie Cooperative Working Group; Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. Reviewer for Systems Journal.

2018-19 Chair of UO and International Steering Committees for UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes Research Hub; Urban Biodiversity Working Group co-leader, APRU Sustainable Cities and Landscapes Conference. September 6-9, 2018, Hong Kong; Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee; Willamette Valley Oak-Prairie Cooperative Working Group: Invited member of strategic planning process for future of oak-prairie habitats in the Willamette Valley, including work as member of the Urban-Rural Development subgroup and the Fire Exclusion subgroup; Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee.

2017-18 Chair of UO and International Steering Committees for UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes Research Hub; Co-chair of 2017 Sustainable Cities and Landscapes Conference, September 15-17, 2017, Portland, OR; Urban Biodiversity Working Group co-leader, APRU Sustainable Cities and Landscapes Conference, Portland, OR; Outside P&T reviews: Dr. Linda Corkery, Associate Professor of Landscape Architecture, People and Place, University of New South Wales, Sydney, Australia. Review for promotion to Full Professor; Dr. Beatriz Maturana Cossio, Assistant Professor of Architecture and Urbanism at the University of Chile. Review for promotion to Associate Professor; Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee.

2016-17 Chair of UO and International Steering Committees for UO's Association of Pacific Rim University (APRU) Sustainable Cities and Landscapes Research Hub; Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee.

2015-16 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee.

2014-15 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee.

2013-14 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee.

2012-13 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. External reviewer for the journal Landscape and Urban Planning

2011-12 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. External reviewer for peer-reviewed journals Landscape Ecology, and Landscape Journal.

2010-11 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. External reviewer for peer-reviewed journal, Journal of Landscape Architecture.

2009-10 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee.

2008-09 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. External Reviewer for: peer-reviewed journals Landscape and Urban Planning, Restoration Ecology, and Cities and the Environment; and for the Washington Dept. of Fish and Wildlife

2007-08 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. Conducted community service design studio with UO Campus Planning. External Reviewer for: peer-reviewed journals Landscape and Urban Planning and Restoration Ecology, and for U.S.D.A. Forest Service General Technical Report and The Nature Conservancy Conservation Planning

2006-07 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. External Reviewer for peer-reviewed journals Western Journal of Applied Forestry, Urban Habitats, and Landscape Review; External Reviewer for the Killam Fellowship (Canada) and for tenure and promotion case of Assistant Professor Steve Greco at the University of California, Davis; Invited guest critic for design studio Final Review, Dept. of Landscape Architecture, University of Minnesota

2005-06 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. Also, lead role in monitoring upland savanna as part of the Mt. Pisgah prescribed burn program

Conducted community service design studio with David Hulse: Landscape Planning at the confluence of the Long Tom and Willamette Rivers.

2004-05 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. Also, lead role in monitoring upland savanna as part of the Mt. Pisgah prescribed burn program

Conducted community service design studio with David Hulse: Landscape Planning at the confluence of the Long Tom and Willamette Rivers.

2003-04 Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. Also, lead role in monitoring upland savanna as part of the Mt. Pisgah prescribed burn program

2002-03 Oregon State University Press Editorial Board

Long Tom Watershed Council Steering Committee

Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. Also, lead role in monitoring upland savanna as part of the Mt. Pisgah prescribed burn program

Conducted community service design studio: *Campus Habitats in conjunction with UO Planning Dept.*

Conducted community service design studio with David Hulse: Landscape Planning at the confluence of the Long Tom and Willamette Rivers.

2001-02 Oregon State University Press Editorial Board

Long Tom Watershed Council Steering Committee

Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. Also, lead role in monitoring upland savanna as part of the Mt. Pisgah prescribed burn program

Conducted community service design studio: *Skinner Butte Ecological Layers*, in conjunction with City of Eugene personnel

Conducted community service design studio: *The River Studio: Riverine planning in the Eugene-Springfield Metro Area*, and published report based on the studio.

2000-01 Nominated and accepted as a member of the Oregon State University Press Editorial Board

Reviewer for Landscape Journal

Friends of Buford Park and Mt. Pisgah Stewardship and Management Committee. Also, key role in monitoring upland savanna as part of the Mt. Pisgah prescribed burn program

Conducted community service design studio: *Living Landscapes: Toward a Vital Eugene Riverfront*, in conjunction with City of Eugene personnel

Conducted community service design studio: *Coastal Oregon from Reedsport to Waldport* in conjunction with U.S. Forest Service personnel

1999-00 Advisor for Friends of Buford Park and Mt. Pisgah. Participated in strategic planning retreat to develop mission statement and determine five-year priority goals, as well as restoration planning meeting.

Conducted *Tugman Park Conservation Design Studio* in collaboration with Eugene Parks personnel and Southeast Neighbors council. Gave invited presentation to Southeast Neighbors including display of student designs.

Conducted *Rowena Wilds Ecological Design Studio* in collaboration with the Rowena Wilds Council and Wasco County. Produced booklet of student work for distribution to Rowena stakeholders and county.

Board member Siskiyou Research Consortium, Ashland, OR

1998-99 Founding member and board member Siskiyou Research Consortium, Ashland, OR

Gave invited presentation on Urban Ecological Design to Eugene Neighborhood Leadership Council

Conducted *Tugman Park Ecological Design Studio* in conjunction with Eugene Parks personnel. Gave invited presentation to Southeast Neighborhood council with display of student designs. Have continued to work with city on park management and restoration.

Conducted *Greater Monroe Planning Studio* in collaboration with the City of Monroe to develop design and planning proposals for Monroe and environs

Participated in Amazon Creek community clean-up project

1997-98 Lead organizer and co-chair for the 1998 Shire Conference, From Theory to Practice: Teaching Ecology in Landscape Design and Planning Programs

Assisted East Alton Baker Park Planning Committee through Landscape Ecology class restoration project, including project booklet from student work

Conducted *Urban Reserve Planning Studio* in collaboration with Portland Metro planners

1996-97 Lead organizer and co-chair for the 1998 Shire Conference, From Theory to Practice: Teaching Ecology in Landscape Design and Planning Programs

Member of Little Applegate Watershed Task Force Technical Team to analyze the ecology and economy of the watershed

Assisted in the development of the First Siskiyou Ecology Conference (Cave Junction, Oregon, May 1997) by initiating the Siskiyou Ecology Information Network

Participated in by-invitation workshop to assist Oregon Sea Grant in developing criteria and directions for their Sustainable Coastal Communities program

Assisted at Committed Partners for Youth program retreat

1995-96 Gave presentation on Community-based Ecological Planning to local Native Plant Society chapter

Taught ecology/natural resource conservation class for the Oregon Landscape Design School

Performed volunteer work at a local food bank

Current Professional Affiliations

Ecological Society of America

Council of Educators in Landscape Architecture

American Society for Landscape Architecture

Cascade Mycological Society