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EDUCATION

- 2007 Ph.D., Forest Ecology, Oregon State University, Corvallis, OR
- 2002 M.S., Forest Resources, The Pennsylvania State University, University Park, PA
- 1999 B.S., Environmental Studies, Bucknell University, Lewisburg, PA
- 1998 Study Abroad, School for Field Studies, Centre for Rainforest Studies, Queensland, Australia

PROFESSIONAL EXPERIENCE

- 2008 – Present Post-Doctoral Research Ecologist, Pacific Wildland Fire Sciences Laboratory, Seattle, WA
- 2009-present
- Conduct research to characterize current and future fuel conditions and fire hazard across the states of Oregon, Washington, Arizona and New Mexico
 - Supervise full-time employee
 - Coordinate research on the effects of climate change on disturbance regimes and vegetation to inform vegetation simulation models for Oregon and Arizona
- 2008-2009
- Conducted a climate change adaptation case study at Olympic National Forest and Olympic National Park as a part of the USDA Forest Service WestWide Climate Initiative
 - Interpreted and distilled scientific information on climate change and potential impacts of climate change for natural resource managers (communicated through written and oral reports)
 - Facilitated workshops with scientists and managers to develop climate change adaptation options and strategies for natural resource management
 - Prepared peer-reviewed scientific publications on climate change adaptation and potential impacts of climate change on vegetation and fire regimes
- 2007 Post-doctoral Research Scientist, Department of Forest Science, Oregon State University, Corvallis, OR
- Aided in the design and sampling for study on historic stand structure and fire history in riparian forests of southwestern Oregon
 - Re-measured post-fire riparian vegetation recovery plots
 - Supervised three-person field crew
 - Conducted statistical and dendroecological analyses

- 2006 Co-instructor, Department of Forest Science, Oregon State University, Corvallis, OR
- Co-instructed course on fire ecology
 - Developed syllabus and selected course reading material
 - Facilitated class discussions
- 2005 Co-Instructor, Department of Forest Science, Oregon State University, Corvallis, OR
- Co-instructed course on posing researchable questions in fire ecology
 - Developed syllabus and selected course reading material
 - Lectured on current research in fire ecology
 - Facilitated class discussions
- 2003 Research Assistant, Department of Landscape Architecture, Rutgers University, New Brunswick, NJ
- Edited scientific documents
 - Assisted in research on endangered plant populations, invasive species management, and wetland restoration in the state of New Jersey
- 2002 Research Assistant, School of Forest Resources, the Pennsylvania State University, University Park, PA
- Assisted in fieldwork and research on the effects of acid deposition on streams and forest ecosystems in Pennsylvania
- 2001 Research Assistant, School of Forest Resources, the Pennsylvania State University, University Park, PA
- Assisted in fieldwork and research on the effects of municipal wastewater application on forest regeneration in Pennsylvania
- 2000-2002 Teaching Assistant, School of Forest Resources, the Pennsylvania State University, University Park, PA
- Instructed section of field dendrology course
 - Conducted and graded student quizzes
- 2000 Research Assistant, Department of Biology, Bucknell University, Lewisburg, PA
- Assisted in studies of goldenrod and gall-inducing insect species
- 1999 McKenna Environmental Intern, Department of Biology, Bucknell University, Lewisburg, PA
- Compared species composition and forest structure along clear-cut chronosequence
- 1999 Teaching Assistant, Department of Biology, Bucknell University, Lewisburg, PA
- Helped to conduct labs for introductory biology course
 - Graded student lab reports and exams

REFEREED PUBLICATIONS

- Johnson, M.C., J.E. Halofsky, D.L. Peterson, and J. Bergin. 201x. Post-disturbance logging effects on fuelbed characteristics and fire behavior following a major windstorm event. *In prep.*
- Peterson, D.L., D. McKenzie, J.E. Halofsky, and M.C. Johnson. 201x. Understanding and managing stress complexes in fire-prone forests. *In* L. Irland (editor), Long-term silvicultural and ecological studies. Global Institute of Sustainable Forestry, Yale University, New Haven, CT, *in review.*
- Halofsky, J.E., D.L. Peterson, K.A. O'Halloran, and C. Hawkins Hoffman. 2011. Adapting to climate change at Olympic National Forest and Olympic National Park. Gen.Tech. Rep. PNW-GTR-944. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. Xxx p. *In press.*
- Peterson, D.L., C.I. Millar, L.A. Joyce, M.J. Furniss, J.E. Halofsky, R.P. Neilson, and T.L. Morelli. 201x. Adaptation guidebook: developing adaptation options in response to climate change on U.S. national forests and other federal lands. Gen. Tech. Rep. PNW-GTR-xxx. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. Xxx p. *In press.*
- Chmura, D.J., P.D. Anderson, G.T. Howe, C.A. Harrington, J.E. Halofsky, D.L. Peterson, D.C. Shaw, and B. St. Clair. 2011. Forest responses to climate change in the northwestern United States: ecophysiological foundations for adaptive management. *Forest Ecology and Management* 261(7): 1121-1142.
- Halofsky J.E., D.C. Donato, D.E. Hibbs, J.L. Campbell, M. Donaghy-Cannon, J.B. Fontaine, J.R. Thompson, R.G. Anthony, L.J. Kayes, B.E. Law, D.L. Peterson, and T.A. Spies. 2011. Mixed-severity fire regimes: lessons and hypotheses from the Klamath-Siskiyou Ecoregion. *Ecosphere* 2(4), Article 40.
- Halofsky, J.E., D.L. Peterson, M.J. Furniss, L.A. Joyce, C.I. Millar, and R.P. Neilson. 2011. A workshop approach for developing climate change adaptation strategies and actions for natural resource management agencies in the U.S. *Journal of Forestry* 109(4):219-225.
- Peterson, D.L., J.E. Halofsky, and M.C. Johnson. 2011. Managing and adapting to changing fire regimes in a warmer climate. *In* D. McKenzie, C. Miller, and D. Falk (editors), *The landscape ecology of fire.* Springer, New York.
- Furniss M.J., C.I. Millar, D.L. Peterson, L.A. Joyce, R.P. Neilson, and J.E. Halofsky. 2009. Adapting to climate change: a short course for land managers. General Technical Report PNW-GTR-789. Portland, OR: US Department of Agriculture, Forest Service, Pacific Northwest Research Station. DVD and online at <http://www.fs.fed.us/ccrc/>
- Halofsky J.E. and D.E. Hibbs. 2009. Controls on early post-fire woody plant colonization in riparian areas. *Forest Ecology and Management* 258:1350-1358.
- Halofsky, J.E., and D.E. Hibbs. 2009. Relationships among indices of fire severity in riparian zones. *International Journal of Wildland Fire* 18:584–593.
- Halofsky, J.E., and D.E. Hibbs. 2008. Determinants of riparian fire severity in two Oregon fires, USA. *Canadian Journal of Forest Research* 38:1959-1973.

Halofsky, J.E., and L.H. McCormick. 2005. Effects of unseeded areas on species richness of coal mines reclaimed with municipal biosolids. *Restoration Ecology* 13(4): 630-638.

Halofsky, J.E., and L.H. McCormick. 2005. Establishment and growth of experimental grass species mixtures on coal mine sites reclaimed with municipal biosolids. *Environmental Management* 35: 1-10.

Sharpe, W.E. and J.E. Halofsky. 2004. Hay-scented fern (*Dennstaedtia punctilobula*) and sugar maple (*Acer saccharum*) seedling occurrence with varying soil acidity in Pennsylvania. In Hix, D.M., P.C. Goebel, D.A. Yaussy, and R.P. Long (editors) *Proceedings of the 14th Central Hardwoods Forest Conference*. USDA Forest Service General Technical Report, Northeastern Research Station, Delaware, Ohio.

CURRENT PROFESSIONAL ACTIVITIES

Associate Editor, *Northwest Science*, 2010-present

AWARDS AND GRANTS

2005-2006	Outstanding Student Achievement Award, PhD student, Department of Forest Science, Oregon State University, May 2005 and May 2006
2006	Dorothy D. Hoener Memorial Fellowship, College of Forestry, Oregon State University
2006	Gamma Sigma Delta, the Honor Society of Agriculture, Oregon State University Chapter
2005	Oregon Sports Lottery Scholarship, Oregon State University
2005	Robert Tarrant Fellowship, Department of Forest Science, Oregon State University
2004	College of Forestry Graduate Fellowship, College of Forestry, Oregon State University
2003	Warren R. Randall Memorial Fellowship, College of Forestry, Oregon State University
2001	Xi Sigma Pi National Forestry Honor Society
2000-2002	Gifford Pinchot Scholarship, School of Forest Resources, Penn State University