

Kristin H. Braziunas

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EDUCATION

- 2018-Present **Ph.D.**, University of Wisconsin-Madison, Department of Integrative Biology.
Phi Kappa Phi. Advisor: Dr. Monica G. Turner
- 2016-2018 **M.S.**, University of Wisconsin-Madison, Department of Integrative Biology.
Thesis: *Looking beyond the mean: Drivers of variability in postfire stand development of Rocky Mountain conifers.*
Phi Kappa Phi. Advisor: Dr. Monica G. Turner
- 2004-2008 **B.A.**, Oberlin College, Environmental Studies (major), Philosophy (minor)
Phi Beta Kappa, Sigma Xi. Advisor: Dr. John E. Petersen

ACADEMIC EXPERIENCE

- 2017-Present Graduate Research Assistant, Integrative Biology, University of Wisconsin-Madison
- 2016-2017 Graduate Teaching Assistant, Integrative Biology, University of Wisconsin-Madison. Courses taught: Introductory Biology
- 2016 Research Specialist, Zoology, University of Wisconsin-Madison. Project: *Parameterizing the process-based model iLand for forests in Yellowstone*
- 2007-8 Senior Operator, Living Machine, Environmental Studies, Oberlin College.
Project: *Measuring wastewater metabolism and nutrient concentrations*
- 2007 Tutor/Grader, Philosophy, Oberlin College. Courses tutored: Deductive Logic

PROFESSIONAL EXPERIENCE

- 2008-16 Lieutenant/EMT, Oberlin Fire Department, Oberlin, OH
Promoted in 2013 (hired as Firefighter/EMT)
- 2014-15 Program Director, Cleveland Water Alliance, Cleveland, OH
- 2010-14 Assistant Director, The Oberlin Project, Oberlin, OH
Promoted in 2011 (hired as Energy Policy Committee Fellow)
- 2008-11 Program Coordinator, Providing Oberlin With Efficiency Responsibly (POWER), Oberlin, OH

RESEARCH GRANTS AND FELLOWSHIPS

- 2018-Present National Park System Cooperative Research and Training Programs Grant, United States Department of the Interior (\$56,400). Student PI.
- 2016-17 Incoming Student Graduate Research Fellowship, Zoology, University of Wisconsin-Madison (~\$20,000)
- 2008 Blank Fellowship, Environmental Studies, Oberlin College (~\$3,000)

AWARDS AND HONORS

- 2017 Phi Kappa Phi
- 2016-18 John Jefferson Davis Travel Award, Zoology, University of Wisconsin-Madison (Received four times; \$2,400)
- 2010 Firefighter of the Year, Oberlin Fire Department
- 2009 Chill Out: Campus Solutions to Global Warming, National Wildlife Federation. Project: *Oberlin Light Bulb Brigade*
- 2008 Joyce Gorn Memorial Prize in Environmental Studies, Oberlin College
- 2008 Phi Beta Kappa
- 2008 Sigma Xi

PUBLICATIONS

Braziunas, K. H., W. D. Hansen, R. Seidl, W. Rammer, and M. G. Turner. 2018. Looking beyond the mean: Drivers of variability in postfire stand development of conifers in Greater Yellowstone. *Forest Ecology and Management* 430: 460-471.

Hansen, W. D., **K. H. Braziunas**, W. Rammer, R. Seidl, and M. G. Turner. 2018. It takes a few to tango: Changing climate and fire regimes can cause regeneration failure of two subalpine conifers. *Ecology* 99(4): 966-977.

PRESENTATIONS (presenting author only)

Braziunas, K. H., R. Seidl, W. Rammer, A. R. Rissman, and M. G. Turner. 2018. Can we manage a future with more fire? Effects of defensible space and spatial configuration on local and landscape-level fire severity. (Poster). Ecological Society of America Annual Meeting, New Orleans, LA, August 5-10.

Braziunas, K. H., W. D. Hansen, R. Seidl, W. Rammer, and M. G. Turner. 2018. Looking beyond the mean: Drivers of variability in postfire stand development of Rocky Mountain conifers. (Poster). US-IALE Annual Meeting, Chicago, IL, April 8-12.

Braziunas, K. H., W. D. Hansen, R. Seidl, W. Rammer, and M. G. Turner. 2017. Age alone is not enough: Multiple drivers control postfire stand development in Rocky Mountain

conifers. (Oral presentation). Ecological Society of America Annual Meeting, Portland, OR, August 6-11.

Braziunas, K. H., W. D. Hansen, R. Seidl, and M. G. Turner. 2017. Adapting the process-based model iLand to simulate subalpine forest dynamics in Greater Yellowstone. (Poster). Wisconsin Ecology 20th Annual Spring Symposium, Madison, WI, April 4-5. (*Winner best content*)

Braziunas, K. H., W. D. Hansen, R. Seidl, and M. G. Turner. 2016. Adapting the process-based model iLand to simulate subalpine forest dynamics in Greater Yellowstone. (Poster). 13th Biennial Scientific Conference on the Greater Yellowstone Ecosystem, Grand Teton National Park, October 4-6.

Braziunas, K., J. E. Petersen, C. Frantz, and R. Shammin. 2008. Compact fluorescent light bulb exchange programs as a potentially cost effective and socially beneficial approach to offsetting carbon emissions locally. (Oral presentation). Association for the Advancement of Sustainability in Higher Education, Raleigh, NC, October 11.

PROFESSIONAL CERTIFICATIONS

2015	Blue Card Incident Commander
2015	Fire Investigation Technician, International Association of Arson Investigators
2014	Fire Safety Inspector, Ohio Department of Public Safety
2013	Fire Officer I, Cuyahoga Community College
2012	Firefighter II, Ohio Department of Public Safety
2010	Firefighter I, Ohio Department of Public Safety
2010	Emergency Medical Technician-Basic, Ohio Department of Public Safety
2009	Volunteer Firefighter, Ohio Department of Public Safety

VOLUNTEER SERVICE AND APPOINTMENTS

2018-Present	Student Representative, US-IALE Executive Committee
2014-Present	Steering Committee Member, Oberlin Environmental Education Alumni Association, Oberlin College, Oberlin, OH
2016-17	Treasurer, Zoology Graduate Student Organization, University of Wisconsin-Madison
2009-16	Treasurer, Board of Directors, Bill Long Foundation, Oberlin, OH
2015	Vice Chair, Public Utilities Commission, City of Oberlin, OH
2014-15	Member, Northeast Ohio Regional Sewer District External Advisory Committee, Cleveland, OH
2013-15	Commissioner, Public Utilities Commission, City of Oberlin, OH

2012-15 Board member, Providing Oberlin With Efficiency Responsibly (POWER),
Oberlin, OH

PROFESSIONAL MEMBERSHIPS

Ecological Society of America

US Regional Association of the International Association for Landscape Ecology (US-IALE)