

# Curriculum Vitae

## Rosemary L. Sherriff

Department of Geography  
Humboldt State University  
1 Harpst Street, Arcata, CA 95521  
Phone: 707-826-4119  
Email: [sherriff@humboldt.edu](mailto:sherriff@humboldt.edu)

Department website:  
[humboldt.edu/geography](http://humboldt.edu/geography)

Dendroecology Lab website:  
[humboldt.edu/dendroecology](http://humboldt.edu/dendroecology)

---

### EDUCATION

Post-doctoral Research Associate, University of Colorado, Boulder, 2004, Geography  
Ph.D. University of Colorado, Boulder, 2004, Geography  
M.A. University of Colorado, Boulder, 2000, Geography  
B.S. University of Oregon, 1996, Geography, Environmental Studies minor

### FACULTY APPOINTMENTS

2018 – 2019 Program Coordinator, Environmental Studies, Humboldt State University  
2016 – present Professor, Department of Geography, Humboldt State University  
2014 – 2018 Chair, Department of Geography, Humboldt State University  
2012 – present Faculty, Environmental Studies Program (new program in 2012)  
2011 – present Faculty, Forest and Wildland Sciences Graduate Program  
2011 – 2016 Associate Professor, Department of Geography, Humboldt State University  
2009 – 2011 Assistant Professor, Department of Geography, Humboldt State University  
2007 – 2009 Assistant Professor, Department of Geography, University of Kentucky  
2005 – 2007 Assistant Professor, Geography and Environmental Studies, University of Hawaii - Hilo  
2005 – 2007 Faculty, Tropical Conservation Biology and Environmental Science Graduate Program

### RESEARCH GRANTS AND CONTRACTS

2017 – 2019 Agricultural Research Initiative, Humboldt State University, \$68,899, PIs: L. Kerhoulas, A. Stubblefield, R. Sherriff  
Project: *Informing restoration of encroached oak woodlands in northern California*

2017 – 2019 McIntire-Stennis Award, National Institute of Food and Agriculture, \$178,459, PI: A. Stubblefield, Co-PIs: J.P. Berrill, J. Kane, E. Kelly, L. Kerhoulas, S. Marshall, R. Sherriff  
Project: *Evaluating oak woodland restoration in northern California*

2016 – 2018 Cooperative Agreement, U.S. Fish and Wildlife, \$40,000, PIs: R. Sherriff and M. Cunha  
Project: *Science Communication Assistance*

2015 – 2018 Cooperative Ecosystem Studies Unit (CESU) Award, Bureau of Land Management, \$11,963, PI: R. Sherriff, Co-investigator D. Gavin (University of Oregon)  
Project: *Long-term fire history in a northern California redwood forest: effects of climate change and fire suppression*

- 2014 – 2017 McIntire-Stennis Award, National Institute of Food and Agriculture, \$54,000, PI: R. Sherriff, Co-PI: P. van Mantgem  
Project: *Tree growth and carbon accumulation in the face of drought: Does forest management confer resistance and resilience in the Klamath Ecoregion?*
- 2014 – 2017 Reserve Fund Research Request, Department of Interior, National Park Service, \$65,200, PI: P. van Mantgem, Co-PI: R. Sherriff  
Project: *Does forest management promote forest resistance or resilience?*
- 2013 – 2017 Cooperative Ecosystem Studies Unit (CESU) Award, U.S.D.A. Forest Service, Klamath National Forest, \$59,863, PI: R. Sherriff  
Project: *Forest restoration scenarios at the watershed-scale in the Klamath Mountains*
- 2013 – 2018 Cooperative Ecosystem Studies Unit (CESU) Award, Southwest Alaska Network (SWAN), National Park Service, \$95,473, PI: R. Sherriff, Collaborators: A. Miller (NPS) and A. Csank (University of Nevada Reno)  
Project: *Climate sensitivity in white spruce woodlands as indicated by  $\delta^{13}C$  &  $\delta^{18}O$  in cellulose over the past 50 years*
- 2012 – 2015 UC Agriculture and Natural Resources Competitive Grants Program, \$249,617, PIs: Y. Valachovic (UC Cooperative Extension) and R. Standiford (UC Berkeley), Co-PIs: M. Kelly and M. Potts (UC Berkeley), R. Sherriff (HSU), and J. M. Varner (Mississippi State University)  
Project: *Tools for a changing landscape: understanding disturbance and vegetation dynamics in northern California oak woodlands*
- 2012 – 2017 Cooperative Ecosystem Studies Unit (CESU) Award, U.S. Fish and Wildlife, \$50,000, PIs: M. Cunha and R. Sherriff  
Project: *Strategic Data Management Pilot*
- 2012 – 2013 Bureau of Land Management California Forest and Woodland Ecology, Management and Restoration Award, \$18,000, PIs: M. Varner and R. Sherriff  
Project: *Fuel loading and availability following restoration thinning in Headwaters Forest's coast redwood-Douglas-fir stands.*
- 2010 – 2015 Cooperative Ecosystem Studies Unit (CESU) Award, Southwest Alaska Network (SWAN), National Park Service, \$106,320, PI: R. Sherriff, Collaborator: A. Miller (NPS)  
Project: *Stand age structure and growth responses to disturbance and climate variability in forest monitoring plots, Southwest Alaska Network.*
- 2010 – 2013 Bureau of Land Management California Forest and Woodland Ecology, Management and Restoration Award, \$17,394, PI: R. Sherriff, Collaborator: D. LaFever (BLM)  
Project: *Evaluation of forest restoration for adaptive management: reforestation of decommissioned roads in the NLCS Headwaters Forest Reserve.*
- 2010 – 2014 Bureau of Land Management Internship Awards (2 projects), \$8000. PIs: J. Adams and R. Sherriff

- 2007 – 2009 Cooperative Ecosystem Studies Unit (CESU) Award, Southwest Alaska Network (SWAN), National Park Service, \$64,950 PI: R. Sherriff, Collaborators: A. Miller (NPS) and E. Berg (U.S. Fish and Wildlife)  
Project: *Spruce bark beetle (Dendroctonus rufipennis)-climate interactions in south-central Alaska*
- 2006 - 2009 NSF - Geography and Regional Science Program, \$235,000 (Co-PI)  
Co-Investigators: R. Sherriff (University of Hawaii-Hilo; University of Kentucky), T. Veblen and T. Schoennagel (University of Colorado, Boulder), and R. Platt (Gettysburg College)  
Project: *Collaborative research: Fire risk and ecological integrity in the wildland urban interface of the Colorado Front Range*
- 2006 – 2007 Research Grant, Department of Hawaiian Homelands, Land Management Division, \$15,000, Project: *Wildfire/Human Interface Planning Project, Huumula, Hawaii*
- 2005 – 2007 CESU Award, Southwest Alaska Network, National Park Service, \$63,476 (PI), Collaborators: A. Miller (NPS) and E. Berg (U.S. Fish and Wildlife)  
Project: *Tree-ring reconstruction of historic insect outbreaks, Lake Clark National Park and Preserve, Alaska*
- 2005 – 2006 Research Enhancement Activities Program Grant, NSF EPSCoR Program, University of Hawaii-Hilo, \$12,000 (PI)  
Project: *Investigating long-term climate variability using dendrochronology across environmental gradients on the island of Hawaii*
- 1999 – 2003 Research Grant, Boulder County Open Space, Colorado, \$5000 (2002-03)  
Research Grant, City of Boulder Open Space and Mountain Parks, Colorado, \$3000  
Co-P.I. T. Veblen, (2001-02)  
Undergraduate Research Opportunity Team Grant, University of Colorado, \$10,800 funded 6 undergraduate students, Co-P.I. T. Veblen (2001-02)  
Small Research Grants ( $\leq$  \$2000 each)  
Colorado Mountain Club Foundation (1999, 2002)  
John W. Marr Memorial Ecology Fund, University of Colorado (2002)  
Beverly Sears Dean’s Small Grant, University of Colorado (1999, 2000, 2001)  
Colorado Natural History Program (1999)

#### **AWARDS AND FELLOWSHIPS**

- 2018 Sponsored Programs Foundation Incentives Award, HSU
- 2016 Undergraduate Research Activity Fellowship Award, CAHSS, HSU (2 students)
- 2016 CSU Chancellor’s Office Research, Scholarly, and Creative Activities (RSCA) Award
- 2015 CSU Chancellor’s Office Research, Scholarly, and Creative Activities (RSCA) Award
- 2015 Sponsored Programs Foundation Incentives Award, HSU
- 2015 Undergraduate Research Activity Fellowship Award, CAHSS, HSU (2 students)
- 2014 Faculty Development Diversity Grant Award, Office of Diversity and Inclusion, HSU
- 2014 Undergraduate Research Activity Fellowship Award, CAHSS, HSU (3 students)
- 2013 Faculty Development Diversity Grant Award, Office of Diversity and Inclusion, HSU
- 2013 Undergraduate Research Activity Fellowship Awards, CAHSS, HSU (2 awards – Sp, Fall)

- 2012 Sponsored Programs Foundation Incentives Awards, HSU (2 awards – Sp 2012, Fall 2012)
- 2011 McCrone Promising Faculty Scholar Award, HSU
- 2011 Sponsored Programs Foundation Grant Award, HSU
- 2011 Undergraduate Research Activity Fellowship Award, CAHSS, HSU (2 students)
- 2011 Emeritus and Retired Faculty Association (ERFA) Award, HSU
- 2010 Faculty Diversity Development Award, Office of Diversity and Inclusion, HSU
- 2010 Sponsored Programs Foundation Grant Award, HSU
- 2010 International Travel Award, International Biogeography Society and the Biogeography Specialty Group - Association of American Geographers (Crete, Greece – Jan. 2011)
- 2008 Summer Research Fellowship, University of Kentucky
- 2002 – 2004 NSF Geography - Doctoral Dissertation Improvement Award
- 2003 – 2004 Gilbert F. White Doctoral Fellowship in Geography, University of Colorado  
University Fellowship, Graduate School, University of Colorado  
Mabel Duncan Memorial Scholarship, Geography, University of Colorado
- 2002 – 2003 1<sup>st</sup> place Ph.D. Student Research Proposal Award, Biogeography Specialty Group,  
Association of American Geographers  
1<sup>st</sup> place Ph.D. Student Paper Award, Biogeography Specialty Group, Annual  
Meeting of the Association of American Geographers, Los Angeles  
H. Schmoll Fellowship in Colorado Botany, University of Colorado Herbarium
- 2001 – 2002 University Fellowship, Graduate School, University of Colorado  
Edna Bailey Sussman Environmental Internship, University of Colorado  
Mabel Duncan Memorial Scholarship, Geography, University of Colorado
- 2000 – 2001 University Fellowship, Graduate School, University of Colorado
- 1999 – 2000 Mabel Duncan Memorial Scholarship, Geography, University of Colorado

## PUBLICATIONS (\*HSU student)

### In press

Quinn-Davidson L., Y. Valachovic, K. McGown, C. Lee, M. Kelly, R. Standiford, M. Schriver, M. Potts, G. Giusti, R. Sherriff, M. Eitzel, J.M. Varner. *In press. Ecology and Management of Oregon White Oak and California Black Oak Woodlands*. UC 8000 Series Publication. UC Division of Agriculture and Natural Resources. <http://anrcatalog.ucdavis.edu>

### Published

2018

\*Schriver, M., R. L. Sherriff, J. M. Varner, L. Quinn-Davidson, and Y. Valachovic. 2018. Age and stand structure of oak woodlands along a gradient of conifer encroachment in northwestern California. *Ecosphere* 9(10):e02446. [10.1002/ecs2.2446](https://doi.org/10.1002/ecs2.2446)

Wright, M., R.L. Sherriff, A.E. Miller, T. Wilson. 2018. Stand basal area and temperature interact to influence growth in white spruce in southwest Alaska. *Ecosphere* 9(10):e02462. [10.1002/ecs2.2462](https://doi.org/10.1002/ecs2.2462)

Harley, G.L., C.H. Baisan, P.M. Brown, D.A. Falk, W.T. Flatley, H.D. Grissino-Mayer, A. Hessler, E.K. Heyerdahl, M.W. Kaye, C.W. Lafon, E.Q. Margolis, R.S. Maxwell, A.T. Naito, W.J. Platt, M.T. Rother, T. Saladyga, R.L. Sherriff, L.A. Stachowiak, M.C. Stambaugh, E. Kennedy Sutherland, A.H.

Taylor. 2018. Advancing dendrochronological studies of fire in the United States. *Fire* 1(1), 11; doi:[10.3390/fire1010011](https://doi.org/10.3390/fire1010011)

\*Vernon, M., R.L. Sherriff, P. van Mantgem, J. Kane. Do fuel treatments promote resistance to multi-year drought in a mixed-conifer forest of northern California? *Forest Ecology and Management*. <https://doi.org/10.1016/j.foreco.2018.03.043>

Morris J., S. Cottrell, C. Fettig, R.J. DeRose, K. Mattor, V. Carter, J. Clear, J. Clement, W. Hansen, J. Hicke, P. Higuera, A. Seddon, H. Seppä, R. Sherriff, J. Stednick, S. Seybold. 2018. Bark beetle impacts on social-ecological systems. *Frontiers in Ecology and the Environment* 16: S34-S43, doi: [10.1002/fee.1754](https://doi.org/10.1002/fee.1754).

#### 2017

Daniels, L.D., L.L.Y. Kent, R.L. Sherriff, E.K. Heyerdahl. 2017. Deciphering the complexity of historical fire regimes: diversity among forests of western North America. In: Amoroso M., L. Daniels, P. Baker, J. Camarero (eds) *Dendroecology: Tree-ring Analyses Applied to Ecological Studies (Analysis and Synthesis)*, vol. 231. Springer, Cham. [https://doi.org/10.1007/978-3-319-61669-8\\_8](https://doi.org/10.1007/978-3-319-61669-8_8)

\*Grabinski-Parker Z., R.L. Sherriff, J. Kane. 2017. Controls on reburn severity vary with fire interval in the Klamath Mountains, California, USA. *Ecosphere* 8(11): [e02012. 10.1002/ecs2.2012](https://doi.org/10.1002/ecs2.2012)

Miller, A.E., T.L. Wilson, R.L. Sherriff, J. Walton. 2017. Warming drives a front of white spruce recruitment near western treeline, Alaska. *Global Change Biology* 23: [5509-5522](https://doi.org/10.1111/gcb.13522).

\*Slack, A.W., J.M. Kane, E.E. Knapp, R.L. Sherriff. 2017. Contrasting impacts of climate and competition on large sugar pine growth and defense in a fire-excluded forest of the central Sierra Nevada. *Forests* 8(7), 244. Doi: 1 [10.3390/f8070244](https://doi.org/10.3390/f8070244).

Sherriff R.L., A.E. Miller, \*K. Muth, \*M. Schriver, \*R. Batzel. 2017. Recent tree-growth responses to warming vary by geographic region and ecosystem type within the boreal forest-tundra transition zone in Alaska. *Journal of Biogeography* 44: [1457-1468](https://doi.org/10.1111/jbi.12868).

Morris J., S. Cottrell, C. Fettig, W. Hansen, R. Sherriff, V. Carter, J. Clear, J. Clement, R. DeRose, P. Higuera, K. Mattor, A. Seddon, H. Seppä, J. Stednick, S. Seybold. 2017. Managing bark beetle impacts on ecosystems and society: Priority questions to motivate future research. *Journal of Applied Ecology* 54: [750-760](https://doi.org/10.1111/1365-2656.12868).

#### 2016

Csank A.Z., A.E. Miller, R.L. Sherriff, E.E. Berg, J.M. Welker. 2016. Tree-ring isotope ( $\delta^{13}\text{C}$  &  $\delta^{18}\text{O}$ ) chronologies reveal environmental sensitivity of trees killed during insect outbreaks in south-central Alaska. *Ecological Applications* 26: [2001-2020](https://doi.org/10.1890/1051-0761-1201.2015).

Hutto R.L., R.E. Keane, R.L. Sherriff, C.T. Rota, L.A. Eby, V.A. Saab. 2016. Toward a more ecologically informed view of forest fires. *Ecosphere* 7(2):e01255. [10.1002/ecs2.1255](https://doi.org/10.1002/ecs2.1255).

#### 2015

Hanson C.T., R.L. Sherriff, R.L. Hutto, D.A. DellaSala, T.T. Veblen, W.L. Baker. 2015. Setting the stage for

mixed- and high-severity fire. Chapter 1 in [The Ecological Importance of Mixed-severity Fires – Nature’s Phoenix](#), eds. D.A. DellaSala and C.T. Hanson. Pgs. 3-22. Elsevier, Inc.

\*Schrifer M., R.L. Sherriff. 2015. Establishment patterns of Oregon white oak and California black oak woodlands in northwestern California. In *Proceedings of the 7<sup>th</sup> California Oak Symposium: Managing Oak Woodlands in a Dynamic World*. [Gen. Tech. Rep. PSW-GTR-251](#). Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. Pp. 529-539.

2014

Sherriff R.L., R.V. Platt, T.T. Veblen, T.L. Schoennagel, M.H. Gartner. 2014. Historical, observed, and modeled wildfire severity in montane forests of the Colorado Front Range. *PLOS ONE* 9(9): [e106971](#). doi:[10.1371/journal.pone.0106971](#)

Odion D.C., C.T. Hanson, A. Arsenault, W.L. Baker, D.A. DellaSala, R. Hutto, W. Klenner, M.A. Moritz, R.L. Sherriff, T.T. Veblen, M.A. Williams. 2014. Examining historical and current mixed-severity fire regimes in drier forests of western North America. *PLOS ONE* 9(2): [e87852](#). doi:[10.1371/journal.pone.0087852](#)

2012

Gartner M.H., T.T. Veblen, R.L. Sherriff, and T.L. Schoennagel. 2012. Proximity to grasslands influences fire frequency and sensitivity to climate variability in *Pinus ponderosa* forests of the Colorado Front Range. *International Journal of Wildland Fire* 21: [562-571](#).

Miller A.E., R.L. Sherriff, and E.E. Berg. 2012. Effect of the Novarupta (1912) eruption on forests of south-central Alaska as inferred from tree-ring records. *Alaska Park Science* 11: [74-77](#).

\*Cocking M.I., J.M. Varner, and R.L. Sherriff. 2012. California black oak responses to fire severity and native conifer encroachment in the Klamath Mountains. *Forest Ecology and Management* 270: [25-34](#).

2011

Sherriff R.L., E. E. Berg and A.E. Miller. 2011. Effects of interannual and multidecadal climate variability on spruce beetle (*Dendroctonus rufipennis*) activity in south-central and southwest Alaska. *Ecology* 92: [1459-70](#).

Schoennagel T.L., R.L. Sherriff, and T.T. Veblen. 2011. Fire history and tree recruitment in the upper montane zone of the Colorado Front Range: implications for forest restoration. *Ecological Applications* 21: [2210-2222](#).

Platt R.W., T.L. Schoennagel, T.T. Veblen, and R.L. Sherriff. 2011. Modeling wildfire potential in residential parcels: a case study of the Colorado Front Range. *Landscape & Urban Planning* 102: [117-126](#).

2010

Keith R.P., T.T. Veblen, T.L. Schoennagel and R.L. Sherriff. 2010. Understory vegetation indicates historic fire regimes in ponderosa pine-dominated ecosystems in the Colorado Front Range. *Journal of Vegetation Science* 21: [488-499](#).

#### 2008

- Sherriff R.L. and T.T. Veblen. 2008. Variability in fire-climate relationships in ponderosa pine forests of the Colorado Front Range. *International Journal of Wildland Fire* 17: [50-59](#).
- Sherriff R.L. 2008. Writing journal articles. in [Publishing in Geography: A Guide for New Researchers](#). Eds. A. Blunt and C. Souch. Published by the Royal Geographical Society with the Institute of British Geographers. p. 10-11.
- Platt R.W., T.T. Veblen and R.L. Sherriff. 2008. Spatial model of forest management strategies and outcomes in the wildland-urban interface. *Natural Hazards Review* 9: [199-208](#).

#### 2007

- Sherriff R.L. and T.T. Veblen. 2007. A spatially-explicit reconstruction of fire regime types in ponderosa pine forests of the Colorado Front Range. *Ecosystems* 10: [311-323](#).
- Baker W.L., T.T. Veblen and R.L. Sherriff. 2007. Fire, fuels, and restoration of ponderosa pine and Douglas-fir forests in the Rocky Mountains, USA. *Journal of Biogeography* 34: [251-269](#).

#### 2006

- Sherriff R.L. and T.T. Veblen. 2006. Ecological effects of changes in fire regimes in *Pinus ponderosa* ecosystems in the Colorado Front Range. *Journal of Vegetation Science* 17: [205-218](#).
- Platt R.W., T.T. Veblen and R.L. Sherriff. 2006. Are wildfire mitigation and restoration of historic forest structure compatible? A spatial modeling assessment. *Annals of the Association of American Geographers* 96: [455-470](#).

#### 2004

- Hicke J.A., R.L. Sherriff, T.T. Veblen and G.P. Asner. 2004. Carbon accumulation in Colorado ponderosa pine stands. *Canadian Journal of Forest Research* 34: [1283-1295](#).

#### 2003

- Romme W.H., T.T. Veblen, M.R. Kaufmann, R. Sherriff and C.M. Regan. 2003. Ecological Effects of the Hayman Fire Part 1: Historical (Pre-1860) and Current (1860-2002) Fire Regimes. *Hayman Fire Case Study Analysis*. U.S.D.A. Forest Service, General Technical Report [RMRS-GTR-114](#).
- Romme W.H., M.R. Kaufmann, T.T. Veblen, R. Sherriff and C.M. Regan. 2003. Ecological Effects of the Hayman Fire Part 2: Historical (Pre-1860) and Current (1860-2002) Forest and Landscape Structure. *Hayman Fire Case Study Analysis*. U.S.D.A. Forest Service General Technical Report [RMRS-GTR-114](#).

#### 2001

- Sherriff R.L., T.T. Veblen and J.S. Sibold. 2001. Fire history in high elevation subalpine forests in the Colorado Front Range. *Écoscience* 8(3): [369-380](#).

#### **SELECTED TECHNICAL REPORTS**

- Sherriff R.L. 2015. *Recent tree-growth responses to warming vary by forest productivity and geographic region within the boreal forest-tundra transition zone in Alaska*. Final Technical Report. National Park

Service, Inventory and Monitoring Program, Southwest Alaska Network (SWAN). Natural Resource Technical Report/NPS/SWAN/NRTR – 2015. Pp. 41.

Sherriff R.L. and E. E. Berg. 2009. *Tree-ring reconstruction of historic insect outbreaks, Lake Clark National Park and Preserve*. Final Technical Report. National Park Service, Inventory and Monitoring Program, Southwest Alaska Network (SWAN). Natural Resource Technical Report/NPS/SWAN/NRTR – 2009. Pp. 44.

### **THESES**

Sherriff, R.L. 2004. *The historic range of variability of ponderosa pine in the northern Colorado Front Range: past fire types and fire effects*. Ph.D. Dissertation. University of Colorado, Boulder, Colorado.

Sherriff, R.L. 2000. *Fire history at high elevation in the Colorado Front Range*. Master's Thesis. University of Colorado, Boulder, Colorado.

### **INVITED PRESENTATIONS**

2016 Alaska Parks Centennial Science Symposium, Fairbanks, AK

2015 Forest Biology Research Center Seminar Series, UC Davis  
Western Forest Insect Work Conference, Santa Fe, NM. *Invited by session organizer*  
as part of Beetlemania: An interdisciplinary bark beetle workshop, Santa Fe, NM.

2014 3<sup>rd</sup> Klamath Fire Ecology Symposium, Orleans, CA  
Western Forest Insect Work Conference, Sacramento, CA. *Invited by session organizer*  
Association of Fire Ecology, Missoula, MT. *Invited by session organizer*

2013 Restoring the West Conference: Change Agents and Managing for Forest Resilience, Logan, Utah  
Student Association for Fire Ecology (SAFE), Humboldt State University

2012 Invited Faculty Speech, Convocation, Humboldt State University  
Emeritus and Retired Faculty Association Speaker Series, Humboldt State University

2011 Biology Department Speaker Series, Humboldt State University  
Geography Department Colloquium Series, University of Oregon  
Founder's Hall Colloquium Series, Humboldt State University

2010 Student Association for Fire Ecology (SAFE), Humboldt State University

2009 Ecology Speaker Series (Wildlife), Humboldt State University  
Geology Department, Humboldt State University  
Southwest Alaska Network (NPS) 3<sup>rd</sup> Biennial Long-term Monitoring Symposium, Seward, AK

2008 Southeast Division of the Association of the American Geographers Meeting  
Department of Forestry, University of Kentucky  
Utah Museum of Natural History & Geography Department, University of Utah  
Forest Resources Department, University of Idaho  
Invited Panel Discussant, Annual Meeting of the Association of American Geographers  
Association of Fire Ecology, SW Regional Conference



- 2007 Invited Panel Discussant, Annual Meeting of the Association of American Geographers  
Annual Science Meeting, Southwest Alaska Network, NPS, Anchorage, AK
- 2006 Geography Department, University of Kentucky  
Geography Department, University of Texas, Austin  
Geography Department, University of Utah
- 2005 Biology Seminar Series, University of Hawaii at Hilo  
Hawaii Island Research Forum, sponsored by the USDA Forest Service, Hilo, HI  
Fire History and Climate Synthesis in Western North America Workshop, Flagstaff (Poster)  
Hawaii Island GIS Group Meeting, Hilo, HI  
Hawaii EPSCoR Research Meeting, Hawaii Institute for Marine Biology, Oahu, HI
- 2004 Geography Department, University of Hawaii at Hilo  
Geography Department, Thompson Rivers University, Kamloops, B.C.  
Geography Department, Colgate University  
Presentation and workshop for the Fuels Management Team, Arapaho-Roosevelt NF, CO  
Colorado Forest Restoration Workshop, Glenwood Springs, Colorado (Poster)  
Lecturer (2 weeks), Graduate Biogeography Seminar, University of Colorado, Boulder
- 2002-03 Research Forum sponsored by Boulder County Open Space, Boulder, CO  
Rocky Mountain National Park Research Conference, Estes Park, CO  
Geographic inquiry into the Southwest course, Colorado College

**PROFESSIONAL PRESENTATIONS** (\* HSU student)

- Sherriff, R.L. 2018. Climate, competition and tree response in Southwest Alaska. Annual Meeting of the Association of American Geographers. New Orleans, LA
- Sherriff, R.L. 2018. Drought and tree response in northern California. California Geographical Society. Sacramento, CA.
- Wright, M., R. Sherriff, A. Miller, T. Wilson. 2017. White spruce response to warming temperatures varies along competitive and geographic gradients in boreal forests and woodlands of southwest Alaska. Chico, CA.
- \* Glebocki, R., R.L. Sherriff, J. Kane, J.M. Varner, D. LaFever. 2016. Fuel loading and moisture dynamics in thinned coast redwood-Douglas-fir forest in Headwaters Forest Reserve, CA. Coast Redwood Science Symposium, Eureka, CA (poster presentation)
- \* Lalemand, L., R.L. Sherriff, P. van Mantgem. 2016. Dealing with drought: do forest thinning treatments increase drought resistance in Redwood National Park? Coast Redwood Science Symposium, Eureka, CA. (poster presentation)
- \* Vernon M., R.L. Sherriff, P. van Mantgem. 2016. *In the face of drought: do fuel treatments promote drought resistance in Whiskeytown National Recreation Area?* 5<sup>th</sup> Fire Behavior and Fuels Conference, International Association of Wildland Fire, Portland, Oregon. (1<sup>st</sup> place poster presentation)
- Sherriff R.L., A.E. Miller. 2016. *Recent tree-growth responses to warming within the boreal forest-tundra transition zone in Alaska.* AmeriDendro Meeting, Mendoza, Argentina.
- Sherriff R.L., A.E. Miller. 2015. *Recent tree-growth responses to warming vary by geographic region and ecosystem type within the boreal forest-tundra transition zone in Alaska.* American Geophysical Union Meeting, San Francisco, CA.

- Miller A.E., R.L. Sherriff, T. Wilson. 2015. *Factors affecting spruce establishment and recruitment near western treeline, Alaska*. American Geophysical Union Meeting, San Francisco, CA.
- Valachovic, Y. L. Quinn-Davidson, R. Standiford, M. Kelly, M. Potts, R. Sherriff, \* M. Schriver, K. McGown, M. Eitzel, M. Varner, C. Lee, G. Giusti. 2015. *Tools for a changing landscape: understanding disturbance and vegetation dynamics in N. California oak woodlands*. 2015 Joint Strategic Initiative Conference. UC Division of Agriculture and Natural Resources. Sacramento, CA.
- Sherriff R.L., A.E. Miller, \* K. Muth, \* M. Schriver, \* R. Batzel. 2015. *Forest response to recent warming along productivity and geographic gradients in southwest Alaska*. Annual Meeting of the Association of American Geographers, Chicago, IL.
- \*Lalemand L., R. Sherriff, P. van Mantgem. 2015. *Forest response to severe drought: do restoration thinning treatments in coast redwood-Douglas-fir forests increase resiliency to drought?* George Wright Society Conference on Parks, Protected Areas, and Cultural Sites. (Poster presentation)
- \*Schriver M., R.L. Sherriff. 2014. *Tree establishment patterns of Oregon white oak and California black oak woodlands in northwestern California*. 7<sup>th</sup> California Oak Symposium: Managing Oak Woodlands in a Dynamic World. Visalia, California.
- \*Schriver M., R.L. Sherriff. 2014. *Stand structure variability and dynamics of Oregon white oak and California black oak woodlands across northwestern California*. Ecological Society of America. (Poster presentation)
- Sherriff R.L., A.E. Miller, \* K. Muth, \* M. Schriver, \* R. Batzel. 2014. Effects of climate variability on tree growth of *Picea glauca* across latitudinal and forest productivity gradients in southwest Alaska. Ecological Society of America Annual Meeting, Sacramento, CA.
- Miller A.E., Sherriff, R.L., \* K. Muth, \* M. Schriver, \* R. Batzel. 2014. Factors affecting white spruce establishment and survival near western treeline, Alaska. Ecological Society of America Annual Meeting, Sacramento, CA.
- \*Batzel R., and R.L. Sherriff. 2013. Tree growth response to climate variables in Southwest Alaska. Association of Pacific Coast Geographers, Lake Tahoe, CA.
- Csank A. Z., A. E. Miller, R.L. Sherriff, E. Berg, and J. Welker. 2013. *Using  $\delta^{13}C$  and  $\delta^{18}O$  measurements to assess climate controls on insect-related tree mortality in south-central Alaska*. AmeriDendro Conference, Tucson, Arizona.
- Miller E.A., A.Z. Csank, R.L. Sherriff, E.E. Berg, J.M. Welker. 2013. *Insect-related tree mortality in south-central Alaska may be controlled by prior drought stress as indicated by  $\delta^{13}C$  and  $\delta^{18}O$  in tree rings*. AGU Fall Meeting, San Francisco, CA.
- Varner J.M., J.K. Kreye, R.L. Sherriff, M. Metz. 2013. *A multi-scale conceptual model of fire and disease interactions in North American forests*. AGU Fall Meeting, San Francisco, CA.
- Csank A. Z., R.L. Sherriff, A. E. Miller, E. Berg, and J. Welker. 2012. *Insect-related tree mortality in south central Alaska may be controlled by prior drought stress as indicated by  $\delta^{13}C$  and  $\delta^{18}O$  in tree rings*. Poster Presentation, American Geophysical Union Annual Meeting, San Francisco, CA.
- Sherriff R.L., R.V. Platt, T.T. Veblen, T.L. Schoennagel, and M.H. Gartner. 2012. *Comparison of past, present and future fire potential in montane forests of the Colorado Front Range*. 5<sup>th</sup> International Fire Ecology and Management Congress, Portland, Oregon.
- Odion D.C., C.T. Hanson, A. Arsenault, W.L. Baker, D.A. DellaSala, R. Hutto, W. Klenner, M.A. Moritz, R.L. Sherriff, T.T. Veblen, M.A. Williams. *A meta-analysis of historic and current mixed-severity fire in the drier forests of western North America*. 5<sup>th</sup> International Fire Ecology and Management Congress, Portland, Oregon.
- Sherriff R.L., A.E. Miller, \* K. Muth, and \* M. Schriver. 2012. *Tree growth and mortality responses to climate and disturbance across a broad forest gradient in southwest Alaska*. Ecological Society of America Annual Meeting, Portland, Oregon.
- Miller A.E., and R.L. Sherriff. 2012. *Stand age structure, mortality, and seedling recruitment across a*

- forest gradient in southwest Alaska*. Ecological Society of America Annual Meeting, Portland, Oregon.
- \*Schriver M.R., R.L. Sherriff, \* R.B. Olson, and D.H. LaFever. 2011. *Successional recovery on old-growth and second-growth decommissioned roads in redwood (Sequoia sempervirens) forest ecosystems in the Headwaters Forest Reserve*. Poster, California Geographic Society Meeting, Davis, CA.
- Sherriff R.L., and A.E. Miller. 2011. *Stand age structure and growth responses to disturbance and climate variability in forest monitoring plots, Southwest Alaska Network*. 2011 Southwest Alaska Park Science Symposium, Anchorage, Alaska.
- Sherriff R.L., D. H. LaFever, \* A. Smith, and \* A. Ballinger. 2011. *Forest Regeneration on Decommissioned Roads in Redwood (Sequoia sempervirens) Forest Ecosystems in the Headwaters Forest Reserve*. Poster Presentation, Redwood Science Symposium: Coast Redwood Forests in a Changing California, Santa Cruz, CA.
- Sherriff R.L. 2011. *Effects of climate variability on spruce bark beetle (Dendroctonus rufipennis) activity in south-central Alaska*. International Biogeography Society Meeting, Iraklion, Crete, Greece.
- Sherriff R.L. 2009. *Climate and spruce bark beetle (Dendroctonus rufipennis) interactions in south-central Alaska* (presentation). Co-session organizer of 4 sessions: *Insect outbreaks and forest ecosystems: patterns, causes and impacts*, Annual Meeting of the Association of American Geographers, Las Vegas.
- Gartner M.H., T.T. Veblen, T. Schoennagel, and R.L. Sherriff. 2009. *Fire history of ponderosa pine-dominated forests in the central Colorado Front Range: topography, climate, and land-use*. Annual Meeting of the Association of American Geographers, Las Vegas.
- Schoennagel. T., T.T. Veblen, and R.L. Sherriff. 2009. *Current tree densities linked to late-19<sup>th</sup> century high-severity fires in Colorado Front Range upper montane forests*. Annual Meeting of the Ecological Society of America, Albuquerque, New Mexico.
- Sherriff R.L. 2008. *Tree-ring reconstructions of spruce bark beetle (Dendroctonus rufipennis) outbreaks on the Alaska Peninsula*. AmeriDendro Conference, Vancouver, B.C. Canada.
- Sherriff R.L., E. Berg and A.E. Miller (presenter). 2008. *Tree-ring reconstructions of spruce bark beetle (Dendroctonus rufipennis) outbreaks in Lake Clark National Park and Preserve, Alaska*. Annual Meeting of the Ecological Society of America, Milwaukee, WI.
- Sherriff R.L. 2008. *Dendroecological reconstruction of spruce bark beetle (Dendroctonus rufipennis) outbreaks in Lake Clark National Park and Preserve, Alaska*. Annual Meeting of the Association of American Geographers, Boston, MA.
- Sherriff R.L., E. Berg and A. Miller (presenter). 2008. *Tree-ring evidence for historic bark beetle outbreaks in southwest Alaska*. Western Alaskan Interdisciplinary Science Conference and Forum. Dillingham, Alaska.
- Sherriff R.L. and T.T. Veblen. 2007. *Variability in fire-climate relationships along an elevation gradient in ponderosa pine forests in the Colorado Front Range*. Annual Meeting of the Association of American Geographers, San Francisco, CA.
- Sherriff R.L. and T.T. Veblen. 2005. *Spatial variability of historical fire regimes in the ponderosa pine forests of the northern Colorado Front Range*. Presentation and session organizer of Western Forest Dynamics. Annual Meeting of the Association of American Geographers, Denver, CO.
- Sherriff R.L. and T.T. Veblen. 2004. *The historic range of fire types and fire effects in the ponderosa pine Forests of the northern Front Range*. Annual Meeting of the Ecological Society of America, Portland, OR.
- Sherriff R.L. and T.T. Veblen. 2004. *Predicting areas of different fire regime types in ponderosa pine forests of northern Colorado*. Annual Meeting of the Association of American Geographers, Philadelphia, PA.

- Sherriff R.L., T.T. Veblen and J.S. Sibold. 2002. *Fire history at high elevation in the Colorado Front Range*. 1<sup>st</sup> place Ph.D. Student Paper Award, Biogeography Specialty Group, Annual Meeting of the Association of American Geographers, Los Angeles, CA.
- Hicke J.A., G.P. Asner, R.L. Sherriff and T.T. Veblen. 2002. *Using dendroecology to assess the impact of forest encroachment on the carbon budget*. Poster. Annual Meeting of the Ecological Society of America, Tucson, AZ.
- Sherriff R.L., T.T. Veblen and J.S. Sibold. 2001. *Fire history in high elevation subalpine forests in the Colorado Front Range*. Poster. Annual Meeting of the Ecological Society of America, Madison, WI

## TEACHING AND ADVISING

### **Humboldt State University** (Fall 2009 – present)

GEOG 106: Physical Geography  
 GEOG 106L: Physical Geography Depth Experience/Lab  
 GEOG 411: Senior Field Research  
 GEOG 469: Geography Field Experience  
 GEOG 473: Biogeography  
 GEOG 473M: Biogeography Depth Experience  
 GEOG 473: Interdisciplinary Perspectives on Climate Change  
 GEOG 473M: Climate Change Film Seminar / Depth Experience  
 GEOG 356: Global Ecology and Biogeography  
 GEOG 356M: Global Ecology and Biogeography Depth Experience  
 GEOG 357: Climate Change, Ecosystems and People  
 GEOG 357M: Climate Change, Ecosystems and People Depth Experience  
 GEOG 499: Directed Study  
 FWWS 580: Disturbance Ecology Seminar  
 FWWS 699: Directed Study  
 FWWS 695: Field Research Problems

### **University of Kentucky** (Fall 2007 – Spring 2009)

GEO 565: Landscape Ecology (graduate/undergraduate course)  
 BIO / GEO 530: Biogeography and Conservation (graduate/undergraduate course)  
 GEO 310: Quantitative Techniques in Geography  
 GEO 130: Earth's Physical Environment

### **University of Hawaii at Hilo** (Spring 2005 – Spring 2007)

Graduate courses: Tropical Conservation Biology & Environmental Science (TCBES) Program  
 CBES 670: Advanced Techniques in GIS  
 CBES 694: Landscape Ecology  
 CBES 699: Advanced Applications in GIS

Undergraduate courses: Geography and Environmental Studies  
 GEOG 101: Geography and the Natural Environment  
 GEOG 201: Interpretation and Field Analysis of Geographic Data  
 GEOG 480: Geographic Information Systems  
 GEOG 494: Landscape Ecology

## Current Advising and Research Assistants

### Research Technicians

Kelly Muth (BS 2012, Geography, Research Technician 2012 - present)

### Graduate Research Assistants/Advisees

Jill Beckmann (August 2015 - present)

### Graduate Committee

Kevin Burns (Forest and Wildland Sciences)

*Fire severity and riparian forest structure and composition in the Klamath Mountains*

Leonard Rios (Forest and Wildland Sciences)

*Longer-term effects of prescribed fire on sugar pine growth and defense in Sequoia and Kings Canyon National Park, California, USA*

**Academic advising:** Approximately 40+ undergraduate geography majors and environmental studies majors each year

## Prior Advising and Research Assistants / Technicians

### Research Technician

Ariel Cowan (2017)

Micah Wright (2016 - 2018)

### Graduate Students (HSU unless noted otherwise)

Laura Lalemand, MS 2018 (Forest and Wildland Sciences, graduate advisee)

*Response to severe drought: does restoration thinning in coast redwood-Douglas-fir forests increase tree tolerance to drought in Redwood National Park, California*

Michael Vernon, MS 2017 (Forest and Wildland Sciences, graduate advisee)

*Does forest management confer resistance and resilience during severe drought conditions in the Klamath Mountain Ecoregion, California?*

Hollie Ernest, MS 2016 (Forest and Wildland Sciences, primary advisor Susan Marshall)

*Root and soil carbon distribution in Douglas-fir-tanoak forest in Humboldt County, California*

Jenell Jackson, MS 2016 (Biology, primary advisor Erik Jules)

*Understanding regeneration, disease dynamics, and mortality history of Whitebark pine in Crater Lake and Lassen National Parks*

Andrew Slack, MS 2016 (Forest and Wildland Sciences, primary advisor J. Kane)

*Sugar pine resiliency and mortality in a fire-excluded mixed-conifer forest*

Radoslaw Glebocki, MS 2015 (Forest and Wildland Sciences, graduate advisee)

*Fuel loading and moisture dynamics in thinned coast redwood-Douglas-fir forests in Headwaters Forest Reserve, California*

Zawisza Grabinski-Parker, MS 2015 (Forest and Wildland Sciences, graduate advisee, research technician 2015-2016)

*Reburn severity interactions over 30 years in the Klamath Mountain Ecoregion, California, USA*

Madelinn Schriver, MS 2015 (Forest and Wildland Sciences, graduate advisee)

*Stand and tree growth characteristics of Quercus Garryana and Quercus Kelloggi woodlands in Northwestern California*

April Sahara, MS 2012 (Biology, committee member, primary advisor Erik Jules)

*Assessment and prediction of tree encroachment into a serpentine Jeffrey pine savanna*

Matthew Cocking, MS 2011 (Forest and Wildland Sciences, primary advisor J.M. Varner III)

*The effects of native conifer encroachment and importance of high-severity wildfire in fire-excluded California black oak ecosystems of northern California*

Paul Bradway, MA 2010, University of Kentucky (Geography, graduate advisee)

*Presettlement forest composition of the Inner Bluegrass region of Kentucky, USA*

Melora Purell, MS 2006, University of Hawaii at Hilo (Tropical Conservation Biology and ENVS Program, committee member) *Predicting the potential distribution of an invasive plant using stratified sampling and habitat modeling*

Roland Frayne, MS 2006, University of Hawaii at Hilo (Tropical Conservation Biology and ENVS Program, committee member)

*Examining the comparative foraging proficiency of captive-bred and wild palila (Loxioides bailleui), an endangered Hawaiian honeycreeper*

### **Prior Advising and Research Assistants - Undergraduate Students**

#### **Dendroecology Lab, HSU (Undergraduate Research and Teaching Assistants, 2009-2016)**

Kristopher Anderson (RA and TA), Alysia Ballinger (RA and TA), Rebecca Batzel (RA & Senior Project), Courtney Brown (REU), Tracy Gatumu (RA), John Grimes (RA), Joshua Hawk (TA), Jocelyn Keranen (TA), Nicholas Klein-Baer (TA), Alicia Iverson (RA and TA), Hartford Johnson (RA), Kelly Muth (RA and TA), Crystal Nuenschwander (RA), Richard Olsen (RA), Allison Potts (RA), Jacob Ruiz (TA), Madelinn Schriver (RA & Senior Project), Josh Shindelbower (TA), Andrew Smith (RA & Senior Project), Daniel Snow (RA), Emelie Traub (RA), Sheamus Vaughn (RA), Russell Walls (RA & TA), Olivia Zotter (RA)

#### **University of Kentucky (Undergraduate Research Assistants, 2007-2009)**

Paul Bradway, Adam Gamblin, Lauren Bolender, Stephanie Houck, Kaelin Goff, Calvin Harmin

#### **University of Hawaii-Hilo (Undergraduate Research Assistants, 2005-2007)**

Ariel Starr, Jonathan Carbone\*, Dania Herrera, Cisco Pagan (Keaholoa STEM Internship Program), Jason Puniwai (Keaholoa STEM Internship Program)

\*Funded student to participate in 2006 North Amer. Dendroecological Fieldweek, Newport, OR

#### **University of Colorado at Boulder (Undergraduate Research Assistants, 2000-2004)**

SURE and UROP Programs (10 students, 2001-2003), Undergraduate Research Assistants (8 students, 2000-2004)

## **PROFESSIONAL AND UNIVERSITY SERVICE**

### **AY 2018-2019 (also see continued service listings below)**

Program Leader, Environmental Studies

Global Humboldt Undeclared Student First-year Experience (AY 18/19) Faculty Coordinator, HSU  
Personnel Committee - Geography, History, Politics, Religious Studies, and Environmental Studies programs at HSU

Hiring Committee, tenure-track Environmental Studies, HSU

### **AY 2017-2018**

Global Humboldt Undeclared Student First-year Experience (AY 18/19) Planning Coordinator, HSU  
College Budget Committee, College of Arts, Humanities and Social Sciences, HSU

Hiring Committee, tenure-track Environmental Studies, HSU

Personnel Committee (tenure-track), History, HSU

Personnel Committee (non-tenure track), Politics, HSU

### **AY 2016-2017**

Personnel Committee (tenure-track), History, HSU

Personnel Committee (non-tenure track), Politics, HSU

Co-editor, *California Geographer* Journal (2016-present)

### **AY 2015-2016**

College Budget Committee, College of Arts, Humanities and Social Sciences, HSU

Hiring Committee, tenure-track Geospatial/Cartography position, Geography, HSU

Hiring Committee, Administrative Staff, Geography and Environmental Studies Programs

Proposal Reviewer (2016): NSERC, NSF

Research and Curriculum Working Group, Climate Action Planning, HSU (part of HSU's Strategic Plan)

Steering Committee, Redwood Region Ecology and Management Conference (2016)

### **2014-2015**

Hiring committee, tenure-track Geomorphology position, Geology, HSU (2 hires)

Host and Co-organizer, [California Geographic Society annual meeting](#) (May 1-3, 2015) at HSU, Arcata, CA

Proposal reviewer (2015): NSF, JFSP, ArcticNet

Vice President, Board of Directors, HSU Sponsored Programs Foundation (ended Fall 2015)

Building Coordinator, Founder's Hall, HSU

### **2014-2018**

Chair, Geography Department (2014-2018)

Faculty Mentor, new tenure-track faculty in geography, history, environmental studies programs, HSU  
Geospatial Task Force and Cross-campus Curriculum Committee, HSU (new online certificate program development and hires, coordination of use of 4 labs, GE and multi-major curriculum, etc.)

Graduate Program Committee, Forest, Watershed and Wildland Sciences, HSU

Personnel Committee Chair (all tenure-track, non-tenure track), Geography, HSU

Personnel Committee, Environmental Studies Program, HSU

Curriculum Committee, Environmental Studies Program, HSU

### **AY 2013-2014 Sabbatical Leave**

I continued to actively serve as faculty mentor for tenure-track and non-tenure track geography and environmental studies faculty, and as the Vice President for the Board of Directors, HSU Sponsored Programs Foundation.

### **2012-2013**

Board of Directors, Sponsored Programs Foundation, HSU (3-yr position from 2012-2015)  
Department Personnel Committee Chair, Geography Department, HSU (2011-present)  
External PhD Reviewer, Kathryn Hrickevich, University of Northern British Columbia, Canada (2012)  
Hiring Committee Chair, tenure-track position, Environmental Studies, HSU  
Hiring Committee, tenure-track position, Cartography-Geography, HSU  
Hiring Committee, tenure-track position, Geospatial-Environmental Science, HSU  
Interim Director, Institute for Cartographic Design, HSU  
Outstanding Students Award Committee, College of Arts, Humanities and Social Sciences, HSU  
Proposal reviewer, National Science Foundation (2)

### **2010 – 2012**

Chair, Geography Department Personnel Committee (2011-present)  
Club Advisor, Humboldt Geographic Society Club, HSU (Fall 2010 – Spring 2012)  
Geospatial Curriculum Committee, HSU  
Hiring committee, tenure-track position, Forestry and Wildland Resources, HSU (2012)  
Hiring committee, Associate Dean position, CAHSS, HSU (2011)  
Hiring committee, tenure-track (1) & non-tenure track (1) positions, Geography, HSU (2011-2012)  
Hiring committee chair, tenure-track position, Geography, HSU (2010 – 2011)  
Installation and management of [HSU weather station](#)  
Judge, AAG Student Paper Competition (2011)  
Proposal review panel, Joint Fire Science Program- JFSP  
Proposal reviewer, National Science Foundation

### **2009 – 2010**

Department-level Committees, Geography, HSU (2009-present)  
Development of the [Dendroecology Lab](#) to support undergraduate and graduate research, HSU  
Hiring Committee, Geography, HSU

### **2007 - 2009**

Biogeography Group Board Member, Association of American Geographers (AAG)  
Co-session organizer (4 sessions at the March 2009 AAG conference)  
Hiring and Personnel Committee, Geography, University of Kentucky (2007 – 2009)  
Merit reviewer, National Science Foundation  
Proposal reviewer, National Science Foundation (4)  
Reviewer, Student Paper Award, Biogeography Specialty Group, AAG  
Reviewer, PhD Student Proposal Award, Biogeography Specialty Group, AAG  
Reviewer, Student Paper Award, AmeriDendro Conference, Vancouver, B.C. (2008)  
Steering Committee, GIS and Physical Geography Labs, University of Kentucky (2007 – 2009)  
Undergraduate Committee, Geography, University of Kentucky (2008 – 2009)



## 2005 - 2007

Committee, Spatial Data Analysis Lab, University of Hawaii at Hilo  
Co-organizer, Interdisciplinary Ecology Seminars, University of Hawaii at Hilo  
ENVS BA/BS Development Committee, University of Hawaii at Hilo  
ENVS Program Representative for University of Hawaii Regents  
Fieldtrip organizer, *Fire and Forest Management in the Colorado Front Range*, Annual Meeting - AAG (2005)  
Geography Tenure-track Search Committee, University of Hawaii at Hilo  
IT for Environmental Research Committee, University of Hawaii at Hilo  
Reviewer, Student Paper Award, Biogeography Specialty Group, AAG  
Session organizer, *Western Forest Dynamics*, Annual Meeting of the AAG, Denver, CO (2005)

## Periodic manuscript reviews (2001-present):

*Annals of the Association of American Geographers, Anthropocene, California Geographer, Canadian Journal of Forest Research, Climate Change, Ecological Applications, Ecological Monographs, Écoscience, Ecosphere, Forests, Forest Ecology and Management, Journal of Biogeography, Global Ecology and Biogeography, International Journal of Wildland Fire, Journal of Geography, Journal of Forestry, Journal of Vegetation Science, Landscape Ecology, Madroño, Physical Geography, PLOS ONE, Southwestern Naturalist, Western North American Naturalist*

**Data submissions to public database** (100s of site-level datasets): Paleo-fire history contribution, [International Multiproxy Paleofire Database](#), NOAA National Climatic Data Center

## OUTREACH EXAMPLES

- Colorado's Front Range fire severity today not much different than in past, says [CU-Boulder study](#) (or see [Denver Post](#) or [ClimateWire](#))
- [High Country News](#) article "Fire scientists fight over what Western forests should look like"
- Research outreach for the Southwest Alaska Network, National Park Service. For examples of online information view the following links: [Resource Briefs](#) and [Science Symposiums](#)
- [The Chronicle of Higher Education](#) article "Junior Professors: Juggling Teaching, Research, and Advice" as part of a special issue on academic workplace

## COMMUNITY SERVICE EXAMPLES

Annual Geography Bee, Jacoby Creek School, Arcata, CA (2013- 2018)

Developed an Osher Lifelong Learning Institute (OLLI) course (May 2014) titled [Climate change, water and forests in the North Coast region, California](#) where I organized and facilitated a series of presentations, discussions and fieldtrips with HSU faculty and local experts (USGS, other agencies) for community members.

## AFFILIATIONS

Association of American Geographers, Association of Fire Ecology, Association of Pacific Coast Geographers, California Geographic Society, Ecological Society of America, International Biogeography Society, Tree Ring Society