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EDUCATION

Ph.D. in Forest Resources (Social Science track), Sociology minor Department of Forest Resources, Oregon State University, Corvallis, OR Dissertation: Citizen-Agency Interactions: An Investigation of Postfire Environments	2008
M.S. in Environmental Sciences (Social Science track), Sociology minor Environmental Sciences Graduate Program, Oregon State University, Corvallis, OR Thesis: Scientists' Perspectives on the Importance of Scientific Communication in Natural Resource Decision-making	2003
B.A. in Environmental Sciences (Ecology track) and Biology (Double Major) Departments of Environmental Sciences and Biology, University of Virginia, Charlottesville, VA	1999

ACADEMIC AND RESEARCH EMPLOYMENT

Research Associate , Oregon State University, Department of Forest Ecosystems & Society Corvallis, OR.	2010-present
Instructor , Oregon State University, Department of Forest Ecosystems & Society.	2008-present
Research Social Scientist , Social Science Consulting, Corvallis, OR Term contracts with the USDA Forest Service Pacific Northwest Research Station and the North American Registry of Midwives.	2009-2012
Postdoctoral Researcher , Oregon State University, Department of Forest Ecosystems & Society.	2008-2010
Graduate Research & Teaching Assistant , Oregon State University, Department of Forest Resources.	2003-2008
Graduate Teaching Assistant , Oregon State University, Biology Program.	2001-2003
Research Assistant , University of Virginia, Department of Environmental Sciences, Charlottesville, VA.	1998-1999

RESEARCH INTERESTS

Human dimensions of natural resources, particularly wildfire
Environmental and natural resource sociology
Coupled human-natural systems / social-ecological systems / cascading disasters
Citizen-agency interactions, relationships, collaborations, communication, and trust
Public perceptions of natural resource conditions, risk, planning, and management
Social adaptation to environmental change

PROPOSALS UNDER DEVELOPMENT

Olsen, C.S., Ellsworth-Johnson, L., Lindberg, K., and J. Tilt. 2017 – 2019. Fostering social and ecological resilience in the context of wildfire and changing climate: tools for integrating human health and well-being with ecosystems services. Intended submission to the Environmental Protection Agency STAR program (highly competitive - \$600,000)

Olsen, C.S., Metlen, K., Lucash, M., Prichard, S., Borgias, D., Thompson, M., and R. Ottmar. 2017 – 2020. A Resilient Rogue: Working collaboratively to build social and ecological resilience in SW Oregon. Intended submission to the National Science Foundation (highly competitive – estimate \$1,000,000 requested)

PROPOSALS CURRENTLY IN REVIEW

Olsen, C.S., Toman, E., and R. Wilson. 2016-2019. A nationwide evaluation of barriers and facilitators to the use of prescribed fire on federal lands. Joint Fire Science Program (highly competitive - \$178,492 requested)

McCaffrey, S., **Olsen, C.S.**, Sachdeva, S., Evans, A., and L.N. Kobziar. 2016 – 2019. Movable and immovable barriers to prescribed burning: Understanding variability across land ownership and region. Joint Fire Science Program (highly competitive - \$282,626 requested)

PROFESSIONAL RESEARCH EXPERIENCE

Olsen, C.S., Jolly, W.M., Toman, E.L., and R. Wilson. 2015 – 2019. Wildland fire managers' use of fire weather data in strategic and tactical decision-making across the United States: a combined fire modeling and social science-based analysis. Joint Fire Science Program (highly competitive - \$398,984)

Seesholtz, D., Creighton, J., **Olsen, C.S.**, and C. Moseley. 2014 - 2016. Northwest Fire Science Consortium. Joint Fire Science Program (non-competitive - \$400,000)

Bolte, J., Spies, T., Steel, B., Albers, H., **Olsen, C.S.**, and others. 2010 – 2015. Coupled Natural and Human Systems in Fire-Prone Landscapes: Interactions, Dynamics, and Adaptation. National Science Foundation Coupled Natural-Human Systems (highly competitive - \$1,499,950)

Olsen, C.S. and E. White. 2015. Dispersed resource recreation monitoring and economic analysis. USDA Forest Service, Pacific Northwest Research Station (non-competitive - \$37,000 under my PI-ship, \$XXX total)

Olsen, C.S. and T. Hall. 2014 – 2015. Understanding the perspectives of current students, alumni, and potential employers of graduates about the Department of Forest Ecosystems & Society. College of Forestry (~\$30,000)

Olsen, C.S., Gustavson, E., and R.N.K. Brown. 2013 – 2014. Articulating stakeholder recommendations for recreation and trails planning on the OSU College Forests. OSU College Forests (non-competitive - \$23,600)

Olsen, C.S. 2013 – 2014. Connecting people to science at the HJ Andrews: Developing an evaluation protocol for outreach activities. Long-Term Ecological Research Program (competitive - \$41,660)

Olsen, C.S. 2012 – 2014. Public Perspectives of Smoke and Agency Communication: A Longitudinal Analysis. Joint Fire Science Program (highly competitive - \$24,998)

Olsen, C.S. and T. Spies. 2012 – 2014. Coupled natural-human systems research in fire-prone landscapes: A workshop. Joint Fire Science Program (competitive - \$7,500)

Barbour, J., Creighton, J., **Olsen, C.S.**, and C. Moseley. 2012 - 2014. Northwest Fire Science Consortium. Joint Fire Science Program (non-competitive - \$495,984)

Olsen, C.S. and E. Toman. 2011 – 2014. Expansion of the JFSP project: Examining the Influence and Effectiveness of Communication Programs and Community Partnerships on Public Perceptions of Smoke Management. Western Wildland Environmental Threats Assessment Center (WWETAC) (non-competitive - \$19,500)

Toman, E. and **C.S. Olsen**. 2010 – 2014. Examining the Influence and Effectiveness of Communication Programs and Community Partnerships on Public Perceptions of Smoke Management: A Multi-Region Analysis. Joint Fire Science Program (highly competitive - \$203,607)

Shindler, B. and **C.S. Olsen**. 2010 – 2014. Advancing Knowledge About Citizen-Agency Trust in Wildland Fire Management: A Collaborative Assessment Framework for the U.S., Australia, and Canada. Joint Fire Science Program (highly competitive - \$174,890)

Olsen, C.S., McComb, B., Maness, T., Zahler, D., and others. 2010 – 2012. Exploring OSU Student Perceptions of Natural Resources. OSU College of Forestry. (non-competitive - \$10,000)

Cheyney, M.J., **Olsen, C.S.**, Heinz, S., and J. Lee. 2011 – 2012. Gauging Community Interest for a Birth Center and Other Maternity Care Options in Linn and Benton Counties. OSU Department of Anthropology, Samaritan Health Services, and the Heart of the Valley Birth Center (service research)

Creighton, J., **Olsen, C.S.**, and others. 2011. A Pre-Proposal for the Development of the Pacific Northwest Fire Science Exchange Consortium. Joint Fire Science Program (competitive - \$97,355)

McCaffrey, S., Shindler, B., Toman, E., and **C.S. Olsen**. 2009 – 2011. Partner's in Fire Education Synthesis Project. Joint Fire Science Program (competitive - \$69,111)

Olsen, C.S. 2010 – 2011. Clearing the Air: Bringing an Undergraduate Student into Research on the Topic of Smoke. OSU College of Forestry Strengthening Education and Enhancement for Diverse Students (SEEDS) program (non-competitive - \$4,200)

Shindler, B. and **C.S. Olsen**. 2004 – 2007. Evaluating the Social/Political Aspects of Decision-making for Postfire Restoration and Rehabilitation. USDA Forest Service, Pacific Northwest Research Station (non-competitive - \$60,000)

ADDITIONAL RESEARCH EXPERIENCE

While Postdoc at Oregon State University (2008-2010):

- Sagebrush-Steppe Treatment Evaluation Projects (SageSTEP)
- Public Acceptance of Disturbance-Based Forest Management
- Anthropology and Environmental Policy: What Counts?
- Private Landowners and Ponderosa Pine in Fire-Prone Landscapes: What Influences Management Choices?

While Graduate Research Assistant at Oregon State University (2003-2008):

- The Influence of Site Visits on Local Support for Post-Fire Forest Management
- Communicating the Wildland Fire Message: An Investigation of Agency Outreach Strategies
- Fire Management and Forest Conditions: Public Acceptance in the Great Lakes Region
- Public Trust and Confidence in the Federal Agencies to Use Fuel Reduction Methods

PEER-REVIEWED PUBLICATIONS

Olsen, C.S., Toman, E., and S.S. Frederick. In review. A multi-region analysis of factors that influence public acceptance of smoke from different fire sources. *International Journal of Wildland Fire*.

Frederick, S.S., **Olsen, C.S.**, and E. Toman. In review. Public perceptions of smoke and agency relationships before and after an active fire season: Longitudinal panel results from northern California. *Journal of Forestry*.

Olsen, C.S., Kline, J., Ager, A., Olsen, K., and K. Short. 1st Revision. Examining the influence of biophysical conditions on WUI homeowners' wildfire risk mitigation activities in fire-prone landscapes. *Ecology & Society*.

Kline, J., White, E.M., Fischer, A.P., Steen-Adams, M.M., Charnley, S., **Olsen, C.S.**, Platt, E.K., Bailey, J.D., and T.A. Spies. 1st Revision. Integrating social science information about actor behavior into empirical models of couple human and natural systems. *Ecology & Society*.

Engebretson, J.M., Hall, T.E., Blades, J.J., **Olsen, C.S.**, Toman, E., and S. Frederick. In Press. Understanding public tolerance of smoke from wildland fires across the United States. *Journal of Forestry*.

McGee, T., Curtis, A., McFarlane, B., Shindler, B., Christianson, A., **Olsen, C.S.**, and S. McCaffrey. In Press. Facilitating knowledge transfer between researchers and wildfire practitioners. *The Forestry Chronicle*.

Fischer, A.P., Spies, T.A., Steelman, T.A., Moseley, C., Johnson, B.R., Bailey, J.D., Ager, A.A., Bourgeron, P., Charnley, S., Collins, B.M., Kline, J.D., Leahy, J.E., Littell, J.S., Millington, J.D.A., Nielsen-Pincus, M., **Olsen, C.S.**, Paveglio, T.B., Roos, C.I., Steen-Adams, M.M., Stevens, F.R., Vukomanovic, J., White, E.M., and D.M.J.S. Bowman. In Press. Wildfire risk as a socio-ecological pathology. *Frontiers in Ecology and the Environment*.

Cheyney, M.J., **Olsen, C.S.**, Bovbjerg, M., Everson, C., Darragh, I., and B. Potter. 2015. Practitioner and practice characteristics of Certified Professional Midwives in the United States: Results of the 2011 North American Registry of Midwives Survey. *Journal of Midwifery & Women's Health* **60**(5): 534-545.

Mabardy, R.A., Waldbusser, G.G., Conway, F. and **C.S. Olsen**. 2015. Perception and response of the U.S. West Coast shellfish industry to ocean acidification: The voice of the canaries in the coal mine. *Journal of Shellfish Research* **34**(2): 565-572.

Olsen, C.S., Mazzotta, D., Toman, E., and A.P. Fischer. 2014. Communicating about smoke from fire: Challenges and ways to address them. *Environmental Management* **54**(3): 571-582.

Spies, T.A., White, E., Kline, J.D., Fischer, P., Agar, A., Bolte, J., Koch, J., Platt, E., **Olsen, C.S.**, Jacobs, D., Shindler, B., Steen-Adams, M.M., and R. Hammer. 2014. Examining fire-prone forest landscapes as coupled human and natural systems. *Ecology & Society* **19**(3): 9. DOI: 10.575/ES-06584-190309

Stidham, M., **Olsen, C.S.**, Toman, E., Frederick, S., McCaffrey, S., and B. Shindler. 2014. Longitudinal social science research in natural resource communities: lessons and considerations. *Society and Natural Resources* **27**(10): 1104-1108.

Olsen, C.S. and E. Sharp. 2013. Building community-agency trust in fire-affected communities in Australia and the United States. *International Journal of Wildland Fire* **22**(6): 822-831.

Davis, E.J., Moseley, C., **Olsen, C.**, Abrams, J., and J. Creighton. 2013. The diversity and dynamism of fire science user needs. *Journal of Forestry* **111**(2): 101-107.

Fischer, A.P., Kline, J., Charnley, S., **Olsen, C.S.** 2013. Identifying policy target groups with qualitative and quantitative methods: The case of wildfire risk on nonindustrial private forest lands. *Forest Policy and Economics* **28**: 69-78.

Fischer, A.P., Korejwa, A., Koch, J., Spies, T., **Olsen, C.S.**, White, E.M., and D. Jacobs. 2013. *Using the Forests, People, Fire agent-based social network model to investigate interactions in social-ecological systems. Practicing Anthropology* **35**(1): 8-13.

Olsen, C.S., Mallon, A., and B. Shindler. 2012. Public acceptance of disturbance-based forest management: factors influencing support. *ISRN Forestry* Volume 2012. doi:10.5402/2012/594067

McCaffrey, S. and **C.S. Olsen**. 2012. Research perspectives on the public and fire management: a synthesis of current social science on 8 essential questions. USDA Forest Service General Technical Report GTR-NRS-104. Newtown Square, PA: Northern Research Station. 40 p. ** Downloaded 200+ times in first month of release.

Shindler, B., Gordon, R., Brunson, M.W., and **C.S. Olsen**. 2011. Public perceptions of Sagebrush ecosystem management in the Great Basin. *Rangeland Ecology and Management* **64**(4): 335-347.

Olsen, C. and B. Shindler. 2010. Trust, acceptance, and citizen-agency interactions after large fires: influences on planning processes. *International Journal of Wildland Fire* **19**(1): 137-147.

Toman, E., Shindler, B. and **C.S. Olsen**. 2008. Communication Strategies for postfire planning: lessons learned from forest communities. In Chavez, D.J., Absher, J.D., and P.L. Winter (eds.). *Fire social science research from the Pacific Southwest Station: studies supported by National Fire Plan funds*. USDA Forest Service General Technical Report PSW-GTR-209. Albany, CA: Pacific Southwest Research Station. Pages 165-180.

Olsen, C.S. and B.A. Shindler. 2007. Citizen-agency interactions in planning and decisionmaking after large wildfires. USDA Forest Service General Technical Report PNW-GTR-715. Portland, OR: Pacific Northwest Research Station. 37 p.

MANUSCRIPTS NEARING SUBMISSION

Olsen, C.S., McGee, T., Curtis, A., McFarlane, B., Christianson, A., Shindler, B., McCaffrey, S., and E. Sharp. In prep. Insights from fire management practitioners in Australia, Canada, and the United States on building trust between agencies and at-risk communities. Intended submission to *International Journal of Wildland Fire*.

Olsen, C.S. and T. Hall. In prep. Preparing for a career in a natural resource field: The perceived importance of skill and knowledge areas to students and employers. Intended submission to *Bioscience*.

Leite, L. and **Olsen, C.S.** Beyond guidelines: the effects of working relationships on oil and gas environmental monitoring and marine research in Brazil. Journal to be determined.

Gustavson, E. and **Olsen, C.S.** Identifying indirect and direct management preferences by recreation user group. Journal to be determined.

Gustavson, E. and **Olsen, C.S.** Managing conflict between user groups in a wildland-urban interface forest. Journal to be determined.

EDITOR-REVIEWED PROCEEDINGS

Mazzotta, D., **Olsen, C.S.**, and E. Toman. 2012. Perceptions of smoke management and prescribed fire programs: an analysis of opportunities in communication, community-based partnerships and interagency decision making. Full paper in Fox, R. (ed). *Proceedings of the Third Human Dimensions of Wildland Fire Conference*. Available at http://www.iawfonline.org/HD_Seattle_2012/Errata_3rd_Human_Dimensions_Conference_Proceedings.pdf. Pages 90-108.

Olsen, C.S. and B. Shindler. 2012. Developing a Framework on Trust. Extended abstract in Fox, R. (ed). *Proceedings of the Third Human Dimensions of Wildland Fire Conference*. Available at http://www.iawfonline.org/HD_Seattle_2012/Errata_3rd_Human_Dimensions_Conference_Proceedings.pdf. Pages 117-119.

Frederick, S., **Olsen, C.S.**, and E. Toman. 2012. Public tolerance for smoke and influencing factors: A look at survey findings from four states. Extended abstract in Fox, R. (ed). *Proceedings of the Third Human Dimensions of Wildland Fire Conference*. Available at http://www.iawfonline.org/HD_Seattle_2012/Errata_3rd_Human_Dimensions_Conference_Proceedings.pdf. Pages 109-111.

TECHNICAL / PROJECT REPORTS

Mabardy, B., Conway, F.D.L., Waldbusser, G.G., and **C.S. Olsen**. 2016. The U.S. west coast shellfish industry's perception of and response to ocean acidification: understanding an ocean stakeholder. Oregon Sea Grant publication ORESU-S-16-001. Corvallis, OR: Oregon State University.

Wolf, R., Berger, C., Creighton, J. and **C. Olsen**. 2015. Not all fires are wild: Understanding fire and its use as a management tool. Technical Report EM 9114. Corvallis, OR: Oregon State University Extension Service. Available at: https://catalog.extension.oregonstate.edu/sites/catalog.extension.oregonstate.edu/files/project/pdf/em9114_1.pdf **Awarded 1st Place (Gold Award) for short publication by the Association for Natural Resources Extension Professionals (ANREP).

Olsen, C.S. 2014. Coupled human and natural systems in fire-prone landscapes: Interconnections and research needs. Final report to the Joint Fire Science Program. Available at: https://www.firescience.gov/projects/12-5-01-15/project/12-5-01-15_final_report.pdf

Olsen, C. and S. Frederick. 2014. Public perceptions of smoke and agency communication: A longitudinal analysis. Final project report to the Joint Fire Science Program. Available at: https://www.firescience.gov/JFSP_advanced_search_results_detail.cfm?jdbid=%24%26J%2F%3ET0%20%20%0A.

Toman, E. and **C. Olsen**. 2014. Examining the influence and effectiveness of communication programs and community partnerships on public perceptions of smoke management: A multi-region analysis. Final project report to the Joint Fire Science Program. Available at: https://www.firescience.gov/JFSP_advanced_search_results_detail.cfm?jdbid=%24%26Z79VP%20%20%0A.

Shindler, B., **Olsen, C.**, McCaffrey, S., McFarlane, B., Christianson, A., McGee, T., Curtis, A. and E. Sharp. 2014. Trust: A planning guide for wildfire agencies and practitioners—An international collaboration drawing on research and management experience in Australia, Canada, and the United States. A Joint Fire Science

Program research publication. Corvallis, OR: Oregon State University. Available at:
https://www.firescience.gov/projects/10-3-01-25/project/10-3-01-25_Trust_Planning_Guide.pdf.

Frederick, S.S., **Olsen, C.S.**, and E. Toman. 2013. Traversing through the haze: exploring the human perspective of smoke from fire. Fact sheet for the Northwest Fire Science Consortium, Joint Fire Science Program. Available at <http://www.nwfirescience.org/sites/default/files/publications/nwfsc-rb001.pdf>.

Olsen, C.S., Mazzotta, D, and E. Toman. 2012. Perceptions of smoke management: a summary of interview findings in Oregon (Montana, California, South Carolina). Four site-specific technical reports for the Joint Fire Science Program and dissemination in the communities.

Abrams, J., Creighton, J., Moseley, C., **Olsen, C.S.**, Davis, E.J., Pomeroy, A., Bruce, J., Perleberg, A., DeMeo, T., Evers, L., and S. Fitzgerald. 2011. Northwest Fire Science Consortium needs assessment findings. Ecosystem Workforce Program working paper, University of Oregon. Available online at:
<http://ewp.uoregon.edu/sites/ewp.uoregon.edu/files/downloads/WP33%20Northwest%20Fire%20Report%20Ir.pdf>

Olsen, C. S. 2008. Citizen-Agency Interactions: An Investigation of Postfire Environments. Ph.D. Dissertation. Corvallis, OR: Oregon State University Library. Available online at:
<http://ir.library.oregonstate.edu/dspace/handle/1957/8496>

Shindler, B. and **C.S. Olsen**. 2007. Federal Forest Management After Large Wildfires: A Survey of Citizens in Three Regions. Summary reports to the USDA Forest Service PNW and PSW Research Stations.

Shindler, B. and **C.S. Olsen**. 2005. Citizen Bus Tours of the B&B Complex Fire, Sisters Ranger District, Deschutes NF. Summary report to the USDA Forest Service PNW and NC Research Stations, Joint Fire Science Program, and Oregon Forest Resources Institute.

C.M. Shaw (Olsen). 2003. Scientists' Perspectives on the Importance of Scientific Communication in Natural Resource Decision-making. M.S. Thesis. Corvallis, OR: Oregon State University Library. Available online at:
<http://ir.library.oregonstate.edu/xmlui/handle/1957/30416>

Shindler, B., Toman, E., and **C.M. Shaw (Olsen)**. 2003. Fire Management and Forest Conditions: Public Acceptance in the Great Lakes Region. Summary reports to the USDA Forest Service NC Research Station and Joint Fire Science Program.

INVITED TALKS / SEMINARS

Olsen, C.S. 2016. People manage fires: a social science perspective on fire and smoke management. Led talk and discussion with the Pyro-maniacs group for fire researchers and practitioners. February 24. Corvallis, OR.

Olsen, C.S. 2015. People and Fire: Understanding Human Perceptions and Behaviors Associated with Wildfire, Fire Use, and Smoke. Invited speaker at the Restoring the West Conference, Logan, UT, October 28-29.

Olsen, C.S. 2014. Public Perceptions of Smoke. Plenary speaker at the Environmental Protection Agency (EPA) Region 10 Smoke Management in the Northwest Annual Meeting, Portland, OR, March 26.

Olsen, C.S. Toman, E., and S.S. Frederick. 2013. Public Perceptions of Smoke in Oregon & California. Part of the Northwest Fire Science Consortium Webinar series, September 5.
<http://www.youtube.com/watch?v=mfJMFB-JNy0>

Olsen, C.S. 2013. Communicating Effectively About Prescribed Fire: The Who, How, When, Where, and Why. Plenary speaker at the Washington Prescribed Fire Council 2nd Annual Conference, Ellensburg, WA, March 12.

Spies, T., Fischer, A.P., White, E., Koch, J., and **C.S. Olsen**. 2013. Integrating Ecological and Social Landscapes: Evaluating Resilience in Fire-prone Ecosystems. Presented as part of the USFS Landscape Science Webinar series, 22 January.

Toman, E. and **C.S. Olsen**. 2012. The Influence and Effectiveness of Communication Programs and Community Partnerships on Public Perceptions of Smoke Management. Presented to the Joint Fire Science Program Smoke Science Plan Development Committee, 12 March.

Olsen, C.S., Mazzotta, D., and E. Toman. 2012. Wildland Fire Smoke Messaging and Perception. Presented to the Joint Fire Science Program and the National Wildfire Coordinating Group Smoke Committee (SmoC), 28 June.

Olsen, C.S. 2008. Citizen-agency decision-making in post-fire environments. Led talk and discussion with the Pyro-maniacs group for fire researchers and practitioners. Corvallis, OR.

Shaw (Olsen), C. 2004. A Social Science Perspective of Forest Restoration and Management. Department of Forest Science Spring Seminar Series, Oregon State University.

INTERNATIONAL CONFERENCE PRESENTATIONS

Olsen, C.S., Olsen, K.A., Kline, J., Platt, E.K., White, E. and T. Spies. 2015. Predicting WUI homeowners' fire risk mitigation behavior under different landscape management and climate scenarios. Presented at the 4th Human Dimensions of Wildland Fire Conference, 22-23 April, Boise, Idaho.

Olsen, C.S., Kline, J., Ager, A. and K. Olsen. 2014. The influence of objectives and perceived fire experience and fire risk on WUI homeowners' willingness to conduct defensible space activities? Presented at the 24th International Union of Forest Research Organizations (IUFRO) World Congress, 5-11 October, Salt Lake City, Utah.

Olsen, C.S., Kline, J., Ager, A. and K. Olsen. 2014. Predicting WUI homeowners' perceptions of risk and willingness to conduct defensible space activities. Presented at the 20th International Symposium on Society and Resource Management (ISSRM), 8-13 June, Hanover, Germany.

Olsen, C.S., Toman, E., Frederick, S.S., and D. Mazzotta. 2014. Public and agency perceptions about smoke: interview and survey results from four states. Presented at the Large Wildland Fires: Social, Political & Ecological Effects Conference, 19-23 May, Missoula, Montana.

Olsen, C.S., Shindler, B., McGee, T., McFarlane, B., Christianson, A., McCaffrey, S., Curtis, A. and E. Sharp. 2014. Agency-stakeholder trust in fire-prone communities: an international collaboration drawing on research and management experience in Australia, Canada, and the United States. Presented at the Large Wildland Fires: Social, Political & Ecological Effects Conference, 19-23 May, Missoula, Montana.

Olsen, C.S., Frederick, S.S., Toman, E.L., and D. Mazzotta. 2013. Public and agency perceptions about smoke: Interview and survey results from four states. Presented at the International Smoke Symposium, 21-24 October, Adelphi, Maryland.

Frederick, S.S., **Olsen, C.S.**, and E. Toman. 2013. Longitudinal panel results: How the 2012 fire season impacted public perceptions in Northern California. Presented at the International Smoke Symposium, 21-24 October, Adelphi, Maryland.

Rose, K., Toman, E., **Olsen, C.S.** and S. Frederick. 2013. Smoke and people: The implications of beliefs, attitudes, and perceived risk for communication. Presented at the International Smoke Symposium, 21-24 October, Adelphi, Maryland.

Olsen, C.S., Kline, J. and A. Ager. 2013. Objectives and perceived fire experience and fire risk: what influences WUI homeowners' willingness to conduct firewise activities? Presented at the 19th International Symposium on Society and Resource Management (ISSRM), 4-8 June, Estes Park, Colorado.

Gustavson, E.A., **Olsen, C.S.**, and R.N.K. Brown. 2013. Community engaged recreation planning on college forests: an Oregon case study. Presented at the 19th International Symposium on Society and Resource Management (ISSRM), 4-8 June, Estes Park, Colorado.

Frederick, S.S., **Olsen, C.S.**, and E. Toman. 2013. Public acceptance of smoke from wild, prescribed, and private-use fire. Presented at the 19th International Symposium on Society and Resource Management (ISSRM), 4-8 June, Estes Park, Colorado.

Rose, K., Toman, E., **Olsen, C.S.**, and S. Frederick. 2013. The hazards of smoke from fire and fuels management: application of the Risk Information Seeking and Processing Model. Presented at the 19th International Symposium on Society and Resource Management (ISSRM), 4-8 June, Estes Park, Colorado.

Olsen, C.S., Frederick, S.S., and E.L. Toman. 2012. Communicating about smoke: public opinions and information about information sources and sufficiency. Presented at the 5th International Fire Ecology and Management Congress, 3-7 December, Portland, Oregon.

Olsen, C.S., Moseley, C., Davis, E.J., Abrams, J., and J.H. Creighton. 2012. Fire science users in the U.S. Pacific Northwest: a diverse and dynamic bunch. Presented at the 5th International Fire Ecology and Management Congress, 3-7 December, Portland, Oregon.

Shindler, B., **Olsen, C.S.**, McCaffrey, S., Sharp, E., Curtis, A., McGee, T., McFarlane, B., and A. Christianson. 2012. Agency-stakeholder trust in communities at risk of wildfire: planning strategies from Australia, Canada, and the United States. Presented at the 5th International Fire Ecology and Management Congress, 3-7 December, Portland, Oregon.

Frederick, S.S., **Olsen, C.S.**, and E. Toman. 2012. Perceptions of smoke management: survey results from communities near four national forests. Presented at the 5th International Fire Ecology and Management Congress, 3-7 December, Portland, Oregon.

Jacobs, D.B., **Olsen, C.S.**, and A.P. Fischer. 2012. Social networks in fire-prone forest communities. Presented at the 5th International Fire Ecology and Management Congress, 3-7 December, Portland, Oregon.

Toman, E., Myer, G., **Olsen, C.S.**, Corace, G., Goebel, C., and D. Kashian. 2012. Prescribed fire and endangered species: manager decisions regarding the use of fire in critical habitat areas. Presented at the 5th International Fire Ecology and Management Congress, 3-7 December, Portland, Oregon.

Olsen, C.S., Mazzotta, D., and E. Toman. 2012. Fire managers and air quality regulators on communicating with the public about smoke: stories from four states. Presented at the 18th International Symposium on Society and Resource Management (ISSRM), 17-21 June, Edmonton, Alberta, Canada.

Olsen, C.S., Moseley, C., Davis, E.J., Abrams, J., and J. Creighton. 2012. Identifying fire science needs in the U.S. Pacific Northwest. Presented at the 18th International Symposium on Society and Resource Management (ISSRM), 17-21 June, Edmonton, Alberta, Canada.

Frederick, S., **Olsen, C.S.**, and E. Toman. 2012. The influence of communication strategies on public acceptance of smoke: preliminary results from communities adjacent to four U.S. national forests. Presented at the 18th International Symposium on Society and Resource Management (ISSRM), 17-21 June, Edmonton, Alberta, Canada.

Jacobs, D., **Olsen, C.S.**, and A.P. Fischer. 2012. Networks in coupled human-natural systems: the Forests-People-Fire Study in Central and Southern Oregon. Presented at the 18th International Symposium on Society and Resource Management (ISSRM), 17-21 June, Edmonton, Alberta, Canada.

Olsen, C.S. and B. Shindler. 2012. Developing a Framework on Trust. Presented at the 3rd Human Dimensions of Wildland Fire Conference, 17-19 April, Seattle, Washington.
Toman, E., **Olsen, C.S.**, and S. McCaffrey. 2012. Where There's Smoke: An Introduction to Public Perceptions of Smoke Management. Presented at the 3rd Human Dimensions of Wildland Fire Conference, 17-19 April, Seattle, Washington.

Frederick, S., **Olsen, C.S.**, and E. Toman. 2012. Public tolerance for smoke and influencing factors: A look at survey findings from four states. Presented at the 3rd Human Dimensions of Wildland Fire Conference, 17-19 April, Seattle, Washington.

Mazzotta, D., **Olsen, C.S.**, and E. Toman. 2012. Perceptions of smoke: An examination of the challenges and opportunities in smoke management across four U.S. national forests. Presented at the 3rd Human Dimensions of Wildland Fire Conference, 17-19 April, Seattle, Washington.

Creighton, J., Moseley, C., and **C.S. Olsen**. 2012. Fire science needs in the Pacific Northwest. Presented at the 3rd Human Dimensions of Wildland Fire Conference, 17-19 April, Seattle, Washington.

Olsen, C.S. and E. Sharp. 2011. Influences on community-agency trust-building after large fires: Lessons learned in the United States and Australia. Presented at the 17th International Symposium on Society and Resource Management (ISSRM), 6-8 June, Madison, Wisconsin.

Mazzotta, D. and **C.S. Olsen**. 2011. Communication strategies and sustainable partnership development in forest management: An examination of tolerance for smoke from prescribed fire in four U.S. communities. Presented at the 17th International Symposium on Society and Resource Management (ISSRM), 6-8 June, Madison, Wisconsin.

Olsen, C. S. and B. Shindler. 2010. Citizen Acceptance of Post-Fire Management Strategies: Community Responses After Two Large Fires in Oregon. Presented at the 2nd Human Dimensions of Wildland Fire Conference, 26-29 April, San Antonio, Texas.

Olsen, C. S. and B. Shindler. 2008. Citizen-Agency Interactions After Large Fires in Two Oregon Communities. Presented at the 14th International Symposium on Society and Resource Management (ISSRM), 11-14 June, Burlington, Vermont.

Olsen, C.S., Shindler, B. and E. Toman. 2007. Communication Strategies for Post-fire Planning: Lessons from Forest Communities. Presented at the 13th International Symposium on Society and Resource Management (ISSRM), 17-21 June, Park City, Utah.

Olsen, C. S. and B. Shindler. 2006. Influencing factors in federal post-fire management decision-making: An exploratory study. Presented at the 12th International Symposium on Society and Resource Management (ISSRM), 3-8 June, Vancouver, British Columbia, Canada.

Shaw (Olsen), C. and B. Shindler. 2004. Scientists' Perspectives on the Importance of Scientific Communication in Natural Resource Decision-making. Presented at the 10th Anniversary International Symposium on Society and Resource Management (ISSRM), 2-6 June 2004, Keystone Resort, Colorado.

NATIONAL CONFERENCE PRESENTATIONS

Olsen, C.S. 2013. Communicating about forest, fire, risk, and smoke management. Presented at the Society of American Foresters National Convention, 23-27 October, North Charleston, South Carolina.

Kline, J.D., **Olsen, C.**, White, E. and A.A. Ager. 2013. Characterizing Firewise and fuel reduction activities among private landowners in eastern Oregon. Presented at the Society of American Foresters National Convention, 23-27 October, North Charleston, South Carolina.

REGIONAL PRESENTATIONS

Kline, J., **Olsen, C.S.**, White, E., Fisher, A.P., and A.A. Ager. 2014. Characterizing landscape feedback for NIPF landowners and homeowners. Presented at the Forest, People, Fire workshops, 28 May in Bend, Oregon and 17 June in Lakeview, Oregon.

Kline, J. and **C.S. Olsen**. 2014. Characterizing fuel reduction and defensible space activities among private landowners. Presented at the Central Oregon Fire Science Symposium, 8-9 April, Bend, Oregon.

Olsen, C.S. 2013. WUI homeowner Firewise behavior. Presented to the Deschutes National Forest and Collaborative Forest Landscape Restoration Project team members, 22 May, Bend, Oregon.

Olsen, C.S. 2013. WUI homeowner Firewise behavior. Presented to the Fremont-Winema National Forest and Collaborative Forest Landscape Restoration Project team members, 29 May, Lakeview, Oregon.

POSTERS

Olsen, C.S. 2013. Facilitating knowledge exchange about wildland fire science. Pending poster presentation at the International Smoke Symposium, 21-24 October, Adelphi, Maryland.

Gustavson, E. and **C.S. Olsen**. 2013. WUI homeowners and firewise activities: how do social networks influence homeowners' willingness to take action? Poster presented at the 19th International Symposium on Society and Resource Management (ISSRM), 4-8 June, Estes Park, Colorado.

Olsen, C.S., Moseley, C., Creighton, J.H., Enzer, M., Johnson, J.E., Barbour, J. and T. DeMeo. 2012. The Northwest Fire Science Consortium: Facilitating knowledge exchange. Poster presented at the 18th International Symposium on Society and Resource Management (ISSRM), 17-21 June, Edmonton, Alberta, Canada.

Creighton, J.H., Moseley, C., **Olsen, C.S.**, Enzer, M., Hamman, S., Johnson, J.E., Barbour, J. and T. DeMeo. 2012. The Northwest Fire Science Consortium: Facilitating knowledge exchange and collaboration. Poster presented at the 3rd Human Dimensions of Wildland Fire Conference, 17-19 April, Seattle, Washington.

TEACHING

FES/MNR 522 (online): Methods in Social Science, 4 credits 2013-present

Course developer and instructor. Offered annually with an enrollment of 4-9. Overall course rating median in 2015: 5.7/6.0. Median individual measures of course and instructor performance ranged 4.0-5.9. This course is an introduction to research methods applied to social science issues and problems. Emphasis is on the nature of the research process, how to conduct research, and how to interpret and disseminate research results. Students are exposed to and get practice using many of the tools of social science research and data analysis. Lecture and lab.

FES 355 (online): Management for Multiple Resource Values, 3 credits 2010-present

Course developer and instructor. Offered twice annually with an enrollment of 25-35. Overall course rating median for Fall 2015: 5.2/6. Median individual measures of course and instructor performance ranged 4.3-5.7. This course examines management of a variety of resource attributes in a multiple use context, including considerations for recreation, wildlife, aesthetics, watersheds, and forest products.

MNR 511 (online): Introduction to Sustainable Natural Resources, 3 credits 2010-present

Co-course developer. Co-instructor with Badege Bishaw and Kim Hall. Offered twice annually with an enrollment of 12-20. Overall course rating for Fall 2015: 5.8/6. Individual measures of course and instructor performance: 5.8/6.0. This course presents an overview of economic, environmental, social, cultural, ethical, and policy considerations of sustainable natural resource management, international collaborative efforts to address global natural resource issues, key policy drivers, key stressors, and balancing competing interests.

FES 522: Methods in Social Science, 4 credits 2015

Instructor. Taught one time on campus when permanent instructor was on medical leave. Enrollment of 6. Overall course rating median: 5.7 (lecture), 5.8 (lab). Median individual measures of course and instructor performance ranged 5.3-5.9 (lecture), 5.0-5.9 (lab). This course is an introduction to research methods applied to social science issues and problems. Emphasis is on the nature of the research process, how to conduct research, and how to interpret and disseminate research results. Students are exposed to and get practice using many of the tools of social science research and data analysis. Lecture and lab.

FES 422: Methods in Social Science, 4 credits 2015

Instructor. Taught one time on campus when permanent instructor was on medical leave. Enrollment of 10. Overall course rating median: 4.7 (lecture), 5.4 (lab). Median individual measures of course and instructor performance ranged 4.3-5.7 (lecture), 4.1-5.9 (lab). This course is an introduction to research methods applied to social science issues and problems. Emphasis is on the nature of the research process, how to conduct research, and how to interpret and disseminate research results. Students are exposed to and get practice using many of the tools of social science research and data analysis. Lecture and lab.

SNR 520: Social Aspects of Sustainable Natural Resources, 3 credits 2013-2014

Course developer and instructor. Offered in summer as part of the Natural Resources Leadership Academy. Enrollment of 13 in 2013 and 3 in 2014. Overall course rating in 2013: 5.7/6. Individual

measures of course and instructor performance ranged 5.5-5.9. This course uses readings, personal experiences, and class discussions to explore five principles of socially sustainable natural resource management, and review the role students play in creating natural resource-based sustainable communities.

FOR 454/554: Managing at the Wildland Urban Interface, 3 credits 2008-2011

Co-course developer and lead instructor. Offered every 1-2 years with an enrollment of 18-25 (~50% graduate students). Overall course rating in 2011: 5.6/6. Individual measures of course and instructor performance ranged 5.1-5.8. This course targets fire-prone communities where resource professionals need to work cooperatively with local and federal agencies and citizens to gain acceptance for fire management programs and build joint responsibility for fuel reduction activities. Includes field trip to local fire-prone community to meet with community leaders, fire personnel, and agency managers. Course inactive after 2012 due to budget reductions.

FOR 355: Management for Multiple Resource Values, 3 credits 2009-2011

Instructor. Offered annually with an enrollment of 40-44 (full). Overall course rating for 2011: 5.6/6. All individual measures of course and instructor performance ranged 5.1- 5.8. This course examines management of a variety of resource attributes in a multiple use context, including considerations for recreation, fish, wildlife, aesthetics, watersheds, and forest products. Part of the “junior block.” Required for forest management majors. Course inactive after 2012 due to budget reductions.

FOR 507: Coupled Human-Natural Systems, Agent-Based Models, and Social Networks, 2 credits 2011

Co-course developer and co-instructor with John Bailey and Paige Fischer. Offered as a one-time special graduate seminar with an enrollment of 12. This course explored the dynamics and modeling of coupled human-natural systems through agent-based models and social network analysis. Included organization and attendance at the Forests-People-Fire seminar series.

FOR 251: Recreation Resource Management, 4 credits 2008

Co-instructor with Anita Morzillo. Taught one time when permanent instructor was on medical leave. Overall course rating 5.2/6. All individual measures of course and instructor performance ranged 4.7-5.8. This course presents an overview of recreation resource management including study of land and water resources used for outdoor recreation. Discusses the planning and management of natural and cultural resources for long-term resource productivity, with a focus on rural and wildland areas of the forest, range and coast.

ADVISING and SUPERVISING

Graduate Major Advisor

Gentry Williams	Master of Natural Resources	Incoming Fall 2016
Brad Beaubien	Master of Natural Resources	Anticipated defense in 2016
Shannin Wachholz	Master of Natural Resources	Anticipated defense in 2018
Elsbeth Gustavson	M.S. in Forest Ecosystems & Society	<i>Defended December 2015</i>
Lauren Remenick	M.S. in Forest Ecosystems & Society	<i>Defended May 2015</i>
Rebecca Wolf	M.S. in Environmental Sciences	<i>Defended December 2014</i>
Amanda Hicks	Master of Natural Resources	<i>Defended May 2014</i>
Stacey Frederick	M.S. in Forest Ecosystems & Society	<i>Defended December 2013</i>
Danielle Mazzotta	M.S. in Environmental Sciences	<i>Defended May 2012</i>

Graduate Committee Member

Marie Perrin Miller	Master of Natural Resources	Anticipated defense in 2016
Jennifer Johnston	M.S. in Forest Ecosystems & Society	Anticipated defense in 2016
Sandra Huynh	M.S. in Marine Resource Management	Anticipated defense in 2016
Chad Kooistra	Ph.D. in Forest Ecosystems & Society	Anticipated defense in 2016
Dianna Fisher	Ph.D. in Forest Ecosystems & Society	Anticipated defense in 2018
Luciana Leite	Ph.D. in Forest Ecosystems & Society	Anticipated defense in 2018
Candace Weems	Ph.D. in Geography (GCR)	<i>Defended March 2016</i>
Jessica Riske-Gomez	Master of Natural Resources	<i>Defended March 2016</i>
Kim Ogren	Ph.D. in Geography (GCR)	<i>Defended July 2015</i>
William Roberts, Jr.	Master of Natural Resources	<i>Defended June 2015</i>
Deanna Engelmann	Master of Natural Resources	<i>Defended May 2014</i>
Molly Pitts	Master of Natural Resources	<i>Defended May 2014</i>
Rebecca Mabardy	M.S. in Marine Resource Management	<i>Defended October 2013</i>
Megan Drinnan	M.S. in Geology (GCR)	<i>Defended November 2013</i>
Travis Zelinskas	Master of Natural Resources	<i>Defended June 2013</i>
Darrick Boschmann	M.S. in Geology (GCR)	<i>Defended December 2012</i>
Jennifer Krebs	M.S. in Environmental Science	<i>Defended April 2012</i>

Research Personnel

Angela Baxter	Research Assistant	2012
Jeanna Ramos	Research Assistant	2012
Larae Guillory	Student Research Assistant	2010-2011
Jeff Shindler	Research Assistant	2010-2011

PROFESSIONAL DEVELOPMENT

Developing an Online Course Instructor Training, provided by OSU ECampus, January-March	2013
Cayuse Proposal Transmission Training, provided by the College of Agricultural Sciences, April 25	2012
Data Management Plan Development, provided by the Joint Fire Science Program, October 27	2011
National Science Foundation Day, provided by the National Science Foundation, April 13	2011
Ecampus Faculty Workshop, provided by the Oregon State University Extended Campus, May 15	2010
Affirmative Action Search Advocate Training, provided by the Oregon State University Office of Affirmative Action and Equal Opportunity, April 14-15	2010
Navigating Difference: Cultural Competency Training for Extension Professionals, provided by Oregon State University Extension and Washington State University Extension, March 2-4	2010
Intersecting Identities and Interaction: Overcoming Barriers to Social Justice, provided by the Oregon State University Women's Center and Justice and Leadership in Community Leaders, February 3-4	2010
Professional Development Colloquium: Grantsmanship and Early Career Mentoring Workshop, provided the Oregon State University Research Office	2008-2009

PROFESSIONAL OUTREACH AND SERVICE

Organizational Memberships

International Network of Research on Coupled Human and Natural Systems (CHANS)	2010-present
International Association of Wildland Fire (IAWF)	2009-present
International Association for Society and Natural Resources (IASNR)	2004-present
International Network for Social Network Analysis (INSNA)	2010-2012
Society of American Foresters	2003-2005

Research Service

Nelson, M. and others. 2014-2020. Long-Term Ecological Research: H.J. Andrews Experimental Forest.

Cheyney, M.J. and **C.S. Olsen**. 2011 – 2013. Changing Licensure Requirements for the Certified Professional Midwife. North American Registry of Midwives.

Journal Service

Reviewer: *Australasian Journal of Environmental Management, Natural Hazards, Small-Scale Forestry, International Journal of Wildland Fire, Society and Natural Resources, Environmental Management, Journal of Forestry, Journal of Climate and Society, Ecology & Society*

Conference / Seminar Service

Program Committee member, International Smoke Symposium II, sponsored by the International Association of Wildland Fire, the Joint Fire Science Program, and the National Wildfire Coordinating Group Smoke Coordinating Committee (SmoC), Long Beach, CA, November 14-17 2016

Facilitator, Social Science Forum breakout groups, hosted by Region 6 of the USDA Forest Service, Corvallis, OR, March 8 2016

Program Committee member, International Smoke Symposium, sponsored by the International Association of Wildland Fire, the Joint Fire Science Program, and the National Wildfire Coordinating Group Smoke Coordinating Committee (SmoC), Adelphi, MD, October 21-25 2013

Organized session leader, Smoke and people: Bringing clarity to beliefs, attitudes, and influencing factors, International Smoke Symposium, University of Maryland, Adelphi, Maryland, October 21-14 2013

Organized session leader, Multiple Methods for Examining Social Networks in Forestry, International Symposium for Society and Research Management, University of Alberta, Edmonton, Alberta, June 17-21 2012

Organized session leader, Smoke is in the Air: Public perceptions of wildland and prescribed fire smoke and smoke management, Human Dimensions of Wildland Fire Conference, Seattle, WA, April 17-19 2012

Co-Coordinator, Coupled Human-Natural Systems Seminar Series, Oregon State University, Corvallis, OR, January – April 2012

Lead Coordinator, 4th Annual Environmental Joint Campus Conference, Oregon State University, Corvallis, OR, May 24 2003

OUS, OSU, College, and Department Service

Participant, OSU Cascadia Resilience Working Group 2016-present

Participant, OSU Natural Resource Social Scientists' Network 2016-present

Participant, CoF Diversity Initiative Planning Group 2016-present

Founding member and participant, Oregon FIRE Center leadership group 2015-present

Founding member and participant, OSU/CoF Women in the Woods 2015-present

Member, FES Undergraduate Degree Development Committee 2012-2014

Ad Hoc Chair, College of Forestry Diversity and Social Justice Committee 2009-2014

Member, OSU Climate Survey Development Team 2012-2013

Member, OSU President's Commission on the Status of Women (PCOSW) 2011-2013

Leader, Oregon University System PEBB Members for Maternity Care Choice 2010-2011

Member, OSU Master in Natural Resources Planning and Development Committee 2008-2010

PROFESSIONAL AWARDS

Awarded 1 st Place (Gold Award) for short publication by the Association for Natural Resources Extension Professionals (ANREP): Wolf, R., Berger, C., Creighton, J. and C. Olsen . 2015. Not all fires are wild: Understanding fire and its use as a management tool. Technical Report EM 9114. Corvallis, OR: Oregon State University Extension Service.	2016
OSU College of Forestry Dean's Award for Outstanding Faculty Achievement in Service	2012

PROFESSIONAL REFERENCES

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