

HELEN TAMMELA NAUGHTON

Address: Department of Economics **Email:** helen.naughton@umontana.edu
University of Montana **Phone:** +1 (406) 243-4586
32 Campus Drive #5472
Missoula, MT 59812-5472

EDUCATION:

- **Ph.D. in Economics**, *University of Oregon*, Eugene, OR, 2007.
Title of Dissertation: “Essays on Globalization and the Environment.”
- **M.A. in Economics**, *University of Oregon*, Eugene, OR, 2004.
- **B.A. in Economics**, *Lewis & Clark College*, Portland, OR, 2000.
Honors Thesis: “Explaining the Difference between the Distribution of Hourly Wages of Single Females with Children and that of Single Males with Children.”

PROFESSIONAL EXPERIENCE:

- **Associate Professor**, *University of Montana*, 2013-current.
- **Assistant Professor**, *University of Montana*, 2008-2013.
- **Visiting Assistant Professor**, *Oregon State University*, 2007-2008.
- **Graduate Teaching Fellow and Research Assistant**, *University of Oregon*, 2002-2007.
- **Economist**, *Integrated Utilities Group, Inc.*, Portland, OR, and Denver, CO, 2000-2002.
- **Research Assistant** for *Oregon Center for Public Policy*, 2000.
- **Research Assistant** for Professor Eban S. Goodstein, *Lewis & Clark College*, 1999.

RECENT CONSULTING EXPERIENCE:

- Impact analysis, Idaho & Montana Community Development Corporation, 2016-2017.
- Expert economic analysis, Johnson, Berg & Saxby, PLLP, 2015.

GRANTS, AWARDS AND FELLOWSHIPS:

- PI on Joint Fires Science Program Grant, “Spatiotemporal Evaluation of Fuel Treatment and Previous Wildfire Effects on Suppression Costs,” 2014-2017.
- The University of Montana Institute on Ecosystems “Women's Early-mid Career Award,” 2013.
- The Paul Lauren Undergraduate Research Faculty Mentor Award, 2013.
- Collaborator on North Central Climate Science Center grant, “Informing implementation of the Greater Yellowstone Coordinating Committee’s (GYCC) Whitebark Pine (WBP) Strategy based on climate sciences, ecological forecasting, and valuation of WBP-related ecosystem services,” with Andrew Hansen (PI) et al., 2013-2016.
- Co-PI on Joint Fires Science Program Grant, “Critical Assessment of Wildland Fire Emissions Inventories: Methodology, Uncertainty, Effectiveness,” with PI: Wei Min Hao, US Forest Service & Co-PI: Shawn P. Urbanski, 2012-2016.
- The University of Montana University Grant Program grant, 2009-2010.
- The University of Montana Green Thread grant: a faculty development grant to attend a workshop and to infuse sustainability into courses, 2009-2010.
- NSF travel grant to attend the NSF sponsored workshop of the Committee on the Status of Women in the Economics Profession—“CeMENT: Mentoring for Junior Faculty,” New Orleans, LA, 2008.
- European Community's Sixth Framework Programme, Marie Curie Actions - Human Resources and Mobility, travel grant to attend the European Summer School in Resource and Environmental Economics “Trade, Property Rights and Biodiversity,” Venice, Italy, 2007.
- NSF travel grant to attend the Second Lindau Meeting of the Winners of the Bank of Sweden

- Prize in Economic Sciences in Memory of Alfred Nobel, Lindau, Germany, 2006.
- Best Ph.D. Field Research Paper, *University of Oregon*, 2005.
- Kleinsorge Summer Research Fellowship, *University of Oregon*, 2004.
- Student Academic Awards Board research grant, *Lewis & Clark College*, 1999.

REFEREED PUBLICATIONS:

- Jesse Young, Nathaniel Anderson, Helen Naughton and Katrina Mullan, 2018, “Economic and Policy Factors Driving Adoption of Institutional Woody Biomass Heating Systems in the U.S.” *Energy Economics*, 69: 456–470.
- Robert Campbell, Nathaniel Anderson, Daren E. Daugaard, and Helen T. Naughton, 2018, “Technoeconomic and policy drivers of project performance for bioenergy alternatives using biomass from beetle-killed trees,” *Energies*, 11: 293.
- Kendall A. Houghton and Helen T. Naughton, 2017, “International Tropical Timber Agreements’ Effects on Timber Product Exports,” *International Environmental Agreements: Politics, Law and Economics*, 17: 755–778.
- Helen T. Naughton, Pehr-Johan Norbäck and Ayça Tekin-Koru, 2016, “Aggregation Issues of FDI Estimation in an Interdependent World,” *The World Economy*, 39(12): 2046-2073.
- Kevin Barnett, Sean A. Parks, Carol Miller and Helen T. Naughton, 2016, “Beyond fuel treatment effectiveness: characterizing interactions between fire and treatments in the US,” *Forests*, 7, 237.
- Winslow D. Hansen, F Stuart Chapin III, Helen T. Naughton, T. Scott Rupp and David Verbyla, 2016, “Forest-landscape structure mediates effects of a spruce bark beetle (*Dendroctonus rufipennis*) outbreak on subsequent likelihood of burning in Alaskan boreal forest,” *Forest Ecology and Management*, 369: 38-46.
- Helen T. Naughton, 2014, “To Shut Down or to Shift: Multinationals and Environmental Regulation,” *Ecological Economics*, 102: 113-117.
- Ronald B. Davies and Helen T. Naughton, 2014, “Cooperation in Environmental Policy: A Spatial Approach,” *International Tax and Public Finance*, 21: 923-954.
- Winslow D. Hansen, Julie M. Mueller and Helen T. Naughton, 2014, “Wildfire in Hedonic Property Value Studies,” *Western Economic Forum*, 13(1): 23-35.
- Winslow D. Hansen and Helen T. Naughton, 2013, “Social and Ecological Determinants of Land Clearing in the Brazilian Amazon: A Spatial Analysis,” *Land Economics*, 89(4): 699-721.
- Helen T. Naughton, 2013, “A Note on Teaching Externalities: Distinguishing Between Consumption and Production Externalities,” *International Review for Economics Education*, 14: 94-99.
- Winslow D. Hansen and Helen T. Naughton, 2013, “The Effects of a Spruce Bark Beetle Outbreak and Wildfires on Property Values in the Wildland-Urban Interface of South-Central Alaska,” *Ecological Economics*, 96: 141-154.
- Helen T. Naughton, 2010, “Globalization and Emissions in Europe,” *European Journal of Comparative Economics*, 7(2): 503-519.
- Peter J. Lambert and Helen T. Naughton, 2009, “The Equal Absolute Sacrifice Principle Revisited,” *Journal of Economic Surveys*, 23(2): 328-349.
- Bruce A. Blonigen, Ronald B. Davies, Helen T. Naughton and Glen R. Waddell, 2008, “Spacey Parents: Autoregressive Patterns in Inbound FDI,” Steven Brakman and Harry Garretsen (eds.), *Foreign Direct Investment and the Multinational Enterprise*, The MIT Press: Cambridge, MA.

- Bruce A. Blonigen, Ronald B. Davies, Glen R. Waddell and Helen T. Naughton, 2007, “FDI in Space: Spatial Autoregressive Relationships in Foreign Direct Investment,” *European Economic Review*, 51(5): 1303-1325.

OTHER PUBLICATIONS:

- Helen T. Naughton and Kevin Barnett, 2017, “Spatiotemporal Evaluation of Fuel Treatment and Previous Wildfire Effects on Suppression Costs” Final Report, Joint Fire Sciences Program Project # 14-5-01-25, Online: https://www.firescience.gov/projects/14-5-01-25/project/14-5-01-25_final_report.pdf.
- Kendall A. Houghton and Helen T. Naughton, 2016, “International Environmental Agreement Effectiveness: A Review of Empirical Studies,” Chapter 18 in *Comparative Law and Economics*, eds. Theodore Eisenberg and Giovanni B. Ramello, Edward Elgar Publishing.
- Wei Min Hao, Shawn Urbanski and Helen Naughton, 2016, “Critical Assessment of Wildland Fire Emissions Inventories: Methodology, Uncertainty, Effectiveness” Final Report, Joint Fire Sciences Program Project # 12-1-07-1, Online: https://www.firescience.gov/projects/12-1-07-1/project/12-1-07-1_final_report.pdf.
- Chris Clark, Helen Naughton, Bruce Proulx, and Paul Thoma, “A Survey of the Freight Transportation Demand Literature and a Comparison of Elasticity Estimates,” 2005, IWR Report 05-NETS-R-01. Available on: <http://www.nets.iwr.usace.army.mil/bookshelf.cfm>.

OTHER MANUSCRIPTS:

- Kevin Barnett, Helen T. Naughton, Sean A. Parks, and Carol Miller, “Forest fuel treatment and previous fire effects on daily fire management costs: a panel data analysis,” revise and resubmit.
- Helen T. Naughton, Kendall A. Houghton, Eric D. Raile, Elizabeth A. Shanahan and Michael P. Wallner, “Benefits from Management of Whitebark Pine,” under review.
- Eric D. Johnson and Helen T. Naughton, “The Effect of Cross-Border Pollution on Environmental Cooperation,” revise and resubmit.
- Eric D. Raile, Elizabeth A. Shanahan, Helen T. Naughton, Michael Wallner, Kendall Houghton, Lena Wooldridge, Courtney Kellogg, “If a Tree Falls in the Forest ... Who Cares? The Case of Whitebark Pine,” under review.

PRESENTATIONS:

- National Cohesive Wildland Fire Management Strategy Workshop: All Hands, All Lands – Implementation Rooted in Science, Reno, NV, April 2017.
- 5th International Fire Behavior and Fuels Conference, Portland, OR, April 2016.
- W3133 Annual Meeting, “Benefits and Costs of Natural Resources Policies Affecting Ecosystem Services on Public and Private Lands,” Portland, OR, February 2016.
- GYCC WBP Subcommittee Workshop. Bozeman, MT October 2014.
- Large Wildland Fire Conference, Missoula, MT, May 2014.
- Montana EPSCoR/Institute on Ecosystems Annual Science Summit, Helena, MT, August 2013.
- W3133 Annual Meeting “Benefits and Costs of Natural Resources Policies Affecting Public and Private Lands,” Coeur d’Alene, ID, February 2013.
- Western Economics Association International 85th Annual Conference, Portland, OR, July 2010.
- Society for Environmental Law and Economics, 1st Annual Conference, Vancouver, BC, March 2009.
- Western Economics Association International 83rd Annual Conference, Waikiki, HI, June 2008.
- 10th Occasional Workshop on Environmental and Resource Economics, Santa Barbara, CA, March 2008.
- Oregon Ad hoc Workshop in Environmental and Resource Economics, Salem, OR, December

2007.

- American Agricultural Economics Association Meeting in Portland, OR, July 2007.
- European Summer School in Resource and Environmental Economics “Trade, Property Rights and Biodiversity,” Venice, Italy, July 2007.
- 4th Annual Trade and Environment Workshop, Santa Cruz, CA, June 2007.
- Oregon Ad hoc Workshop in Environmental and Resource Economics, Salem, OR, December 2006.
- 9th Occasional Workshop on Environmental and Resource Economics, Santa Barbara, CA, November 2006.
- CU Environmental and Resource Economics Workshop, Vail, CO, September 2006.
- European Trade Study Group Conference, Vienna, Austria, September 2006.
- Asia Pacific Economic Association Conference, Seattle, WA, July 2006.
- European Trade Study Group Conference, Dublin, Ireland, September 2005.
- Association of Pacific Rim Universities Ph.D. Student Conference, Eugene, OR, August 2005.

WORKSHOP PARTICIPATION:

- “Fuels Treatment Effectiveness: JFSP Workshop for Current Research, Preliminary Results and Implications,” Portland, OR, April 2016.
- The NSF workshop “Science: Becoming a Messenger,” Missoula, MT, May 2012.
- Systems Thinking Workshop led by Joe Hsueh from MIT, May 2012.
- The University of Montana Instructional Design for Learning, Sep-Dec 2009.
- The University of Montana Green Thread Workshop, May 2009.
- Workshop of the Committee on the Status of Women in the Economics Profession—“CeMENT: Mentoring for Junior Faculty,” New Orleans, LA, January 2008.
- European Summer School in Resource and Environmental Economics “Trade, Property Rights and Biodiversity,” Venice, Italy, July 2007.

REFEREE AND REVIEWER EXPERIENCE:

- NASA Applied science program grant review panel, 2016.
- Joint Fire Science Program grant review panel, 2014.
- National Science Foundation grant review.
- Referee: *Canadian Journal of Economics, Ecological Economics, Economic Inquiry, Environmental and Resource Economics, European Economics Review, European Journal for Political Research, Forestry: An International Journal of Forest Research, International Tax and Public Finance, Journal of the Association of Environmental and Resource Economists, Journal of Forest Economics, Journal of Economic Geography, Journal of Environmental Policy and Planning, Land Use Policy, Oxford Bulletin of Economics and Statistics, Review of International Economics, Scandinavian Journal of Economics, World Development, The World Economy.*
- Reviewer: Wolfers and Stevenson’s *Principles of Economics*, Frank and Bernanke’s *Principles of Microeconomics*, Gujarati’s *Basic Econometrics*.