

DAVID AADLAND

Curriculum Vita

Contact Information: Department of Economics, University of Wyoming
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Personal Information: Age: 49, Spouse (Monique), Two children: Jake (20) & Jennifer (17)

Education

PhD Economics, University of Oregon, Eugene, June 1997
MS Economics, University of Oregon, Eugene OR, March 1996
BA Economics and Mathematics, Augustana College, Sioux Falls SD, May 1991

Academic Positions

2018- Interim Director, UW COB Center for Business and Economic Analysis
2006- Associate Professor, University of Wyoming, Department of Economics and Finance
2005-13 Director of Graduate Studies, University of Wyoming, Department of Economics and Finance
2003-6 Assistant Professor, University of Wyoming, Department of Economics and Finance
2003 Associate Professor, Utah State University, Department of Economics
1997-02 Assistant Professor, Utah State University, Department of Economics

Teaching Experience & Awards

UW COB 2017 Outstanding Senior Teaching Award

- Graduate Econometric Theory
- Graduate Macroeconomic Theory
- Applied Econometrics
- Intermediate Macroeconomic Theory
- Intermediate Microeconomic Theory
- Principles of Macroeconomics

Grants, Consulting, Advising and Review Panels

UW MBA Summer Internship Advisor with Black Hills Energy Corp., Summer 2017 and 2018
National Science Foundation Review Panel, INFEWS Program, June 2016.
Wyoming School Facilities Department. 2015. "Forecasting WY Facilities Expenditures."
UW School of Energy Resources. 2012. Co-PI. "Ecosystem Externalities and Energy Development."
U.S. Department of Agriculture. 2009. Consulting. "Optimal Rural Broadband Tower Location."
National Science Foundation (\$150,000). 2008. Co-PI. "Renewable Energy Timing."
University of Wyoming (\$30,000), 2007. Co-PI. "UW Enrollment Modeling."
National Park Service (\$330,000), 2005-6. Co-PI. "Pricing the America the Beautiful Pass."
University of Wyoming (\$30,000), 2005-6. Co-PI. "UW Scholarship Reform."
National Science Foundation (\$125,000), 2001-2. Co-PI. "Household Valuation of Recycling."
Utah Department of Environmental Quality Grant (\$4,500), 2001-2.
Utah State University Agricultural Experiment Station Project, 2000-4

Working Papers

Cisneros-Pineda, Alfredo, David Aadland, and John Tschirhart. "Ecological Impacts of Energy Development and Other Human Disturbances in a Rangeland Ecosystem." 2nd round submission at *Ecological Applications*.

Aadland, David, David Finnoff and Kevin X.D. Huang. "Economic Dynamics of Epidemiological Bifurcations." Submitted for publication at *Journal of Mathematical Biology*.

Wei, Sichao and David Aadland. "Pollution Permits, Pollution Taxes, and the Environmental Poverty Trap." Submitted for publication at *Environment and Development Economics*.

Aadland, David, David Finnoff, Jacob Hochard and Charles Sims. "Wolf and Elk Management in a Spatial Predator-Prey Ecosystem." To be submitted to the *American Journal of Agricultural Economics*.

Maloney, Matt, David Aadland, et al. "Management of Wildlife Disease in a Spatially Explicit Ecosystem: An Application to Brucellosis and Chronic Wasting Disease in Greater Yellowstone Area Elk." To be submitted to the *Proceedings of the National Academy of Sciences*.

Wei, Sichao and David Aadland. "Physical Capital, Human Capital, and the Health Effects of Pollution."

Pike, Jamie, David Aadland, David Finnoff, Jason Shogren and W. Kip Viscusi. "Catastrophic Risk: Waking Up to the Reality of a Pandemic?"

Grant Proposals

Sims, Charles, David Aadland, Jacob Hochard, and Luke Macaulay. "State-level Management of Endogenous Livestock Depredation Risk Following Gray Wolf Delisting: A Coupled Bioeconomic and Game Theoretic Approach." Revised Proposal 2017-05149 Submitted to USDA\NIFA.

Horan, Rick, David Aadland, and David Finnoff. "A Bioeconomic Approach to Managing Brucellosis and CWD risks in the Greater Yellowstone Area." Revised Proposal 2017-08328 Submitted to USDA\NIFA.

Peer-Reviewed Journal Publications

Aadland, David and Sherrill Shaffer. 2015. "Time Compression and Saving Rates." *Journal of Neuroscience, Psychology and Economics*, 8(4), 217-240.

Aadland, David, Charles Sims and David Finnoff. 2015. "Spatial Dynamics of Optimal Management in Bioeconomic Systems." *Computational Economics*, 45(4), 545-577.

Aadland, David and Fred Sterbenz. 2015. "The Economics of Emergency Meetings." *Economic Inquiry*, 53(2), 1019-1037.

Sims, Charles, David Aadland, James Powell, Ben Crabb and David Finnoff. 2014. "Complementarity in the Provision of Ecosystem Services Reduces the Cost of Mitigating Climate-Amplified Natural Disturbance Events." *Proceedings of the National Academy of Sciences*, 111(47), 16718-16723.

Aadland, David, David Finnoff and Kevin X.D. Huang. 2013. "Syphilis Cycles." *The B.E. Journal of Economic Policy & Analysis (Topics)*, 14(1), 297-348.

- Sims, Charles, David Aadland, David Finnoff, and James Powell. 2013. "How Ecosystem Service Provision Can Increase Forest Mortality from Insect Outbreaks." *Land Economics*, 89(1), 154-176.
- Aadland, David, Bistra Anatchkova, Burke Grandjean, Jason Shogren, Benjamin Simon and Patricia Taylor, 2012. "Valuing Access to U.S. Public Lands: A Pricing Experiment to Inform Federal Policy." *Social Science Quarterly*, 93(1), 248-269.
- Wever, Sean and David Aadland. 2012. "Herd Behavior and Underdogs in the NFL." *Applied Economics Letters*, 19(1), 93-97.
- Aadland, David and Van Kolpin. 2011. "Equity Basis Selection in Allocation Environments: An Empirical Analysis." *Journal of Agricultural and Resource Economics*, 36(2), 229-241.
- James, Alex and David Aadland. 2011. "The Curse of Natural Resources: An Empirical Investigation of U.S. Counties." *Resource and Energy Economics*, 33(2), 440-453. [**Google scholar citations: 200**]
- Gong, Min and David Aadland. 2011. "Interview Effects in an Environmental Telephone Valuation Survey." *Environmental and Resource Economics*, 49(1), 47-64.
- Sims, Charles, David Aadland and David Finnoff. 2010. "A Dynamic Bioeconomic Analysis of Mountain Pine Beetle Epidemics." *Journal of Economic Dynamics and Control*, 34, 2407-2419.
- Caplan, Arthur, David Aadland and Anthony Marcharia. 2010. "Estimating Hypothetical Bias in Economically Emergent Africa: A Generic Public Good Experiment," *Agricultural and Resource Economics Review*, 39(2), 344-358.
- Aadland, David, Arthur Caplan and Owen Phillips. 2007. "A Bayesian Examination of Information and Uncertainty in Contingent Valuation." *Journal of Risk and Uncertainty*, 35(2), 149-178.
- Caliendo, Frank and David Aadland. 2007. "Short-Term Planning and the Life-Cycle Consumption Puzzle." *Journal of Economic Dynamics and Control*, 31(4), 1392-1415. [**Google scholar citations: 42**]
- Aadland, David and Arthur Caplan. 2006. "Curbside Recycling: Waste Resource or Waste of Resources?" *Journal of Policy Analysis and Management*, 25(4), 855-874. [**Google scholar citations: 70**]
- Aadland, David and Arthur Caplan. 2006. "Cheap Talk Reconsidered: New Evidence from CVM." *Journal of Economic Behavior and Organization*, 60(4), 562-578. [**Google scholar citations: 138**]
- Aadland, David. 2005. "Detrending Time-Aggregated Data." *Economics Letters*, 89(3), 287-293.
- Aadland, David and Kevin X.D. Huang. 2004. "Consistent High-Frequency Calibration." *Journal of Economic Dynamics and Control*, 28(11), 2277-2295.
- Aadland, David. 2004. "Cattle Cycles, Heterogeneous Expectations and the Age Distribution of Capital." *Journal of Economic Dynamics and Control*, 28(10), 1977-2002. [**Google scholar citations: 48**]
- Aadland, David and Arthur Caplan. 2004. "Incentive Incompatibility and Starting-Point Bias in Iterative Valuation Questions: Comment." *Land Economics*, 80(2), 312-315.

- Aadland, David and Van Kolpin. 2004. "Environmental Determinants of Cost Sharing." *Journal of Economic Behavior and Organization*, 53(4), 495-511.
- Aadland, David and Arthur Caplan. 2003. "Willingness to Pay for Curbside Recycling with Detection and Mitigation of Hypothetical Bias." *American Journal of Agricultural Economics*, 85(2), 492-502. [**Google scholar citations: 193**]
- Hunnicut, Lynn and David Aadland. 2003 "Inventory Constraints in a Dynamic Model of Imperfect Competition: An Application to Beef Packing." *Journal of Agricultural and Food Industrial Organization*, 1(1), Article 12.
- Aadland, David and DeeVon Bailey. 2001. "Short-Run Supply Responses in the U.S. Beef-Cattle Industry." *American Journal of Agricultural Economics*, 83(4), 826-839. [**Google scholar citations: 49**]
- Aadland, David. 2001. "High Frequency Real Business Cycles." *Journal of Monetary Economics*, 48(2), 271-292.
- Aadland, David. 2000. "Distribution and Interpolation under Data Transformations." *Journal of Applied Statistics*, 27(2), 141-156.
- Aadland, David and Arthur Caplan. 1999. "Household Valuation of Curbside Recycling." *Journal of Environmental Planning and Management*, 42(6), 781-800. [**Google scholar citations: 59**]
- Aadland, David and Van Kolpin. 1998. "Shared Irrigation Costs: An Empirical and Axiomatic Analysis." *Mathematical Social Sciences*, 35(2), 203-218. [**Google scholar citations: 86**]

Other Publications

- Bailey, DeeVon and David Aadland. 2002. "Should Producers Attempt to Behave Counter-Cyclically During Cattle Cycles?" *Managing for Today's Cattle Market and Beyond*.
- Aadland, David, Drew Dahl and Alan Stephens. 2000. "Deposit Rate Premium and the Demand for Funds by Thrifts," *Research in Financial Services*, Elsevier Press, Vol. 12.

Select Presentations

- Optimal Wildlife Management in the GYE – A Spatiotemporal Model of Disease Risk
American Agricultural Economics Association Annual Meetings, July 2017
- Pollution Permits, Pollution Taxes, and the Environmental Poverty Trap
American Agricultural Economics Association Annual Meetings, July 2016.
- Optimal Wildlife Management in the Greater Yellowstone Ecosystem
Association of Environmental and Resource Economics Summer Conference, June 2015.
Pathways 2014 Conference, October 2014.
- The Economics of Emergency Meetings
Eastern Economic Association Annual Meetings, 2013.

Time Compression

Midwest Economic Annual Meetings, 2012.
Eastern Economic Association Annual Meetings, 2011.
South Dakota State University, 2011.

Syphilis Cycles

Society of Economic Dynamics, 2008.
Colorado State University, 2007.

Mountain Pine Beetle Epidemics

Association of Environmental and Resource Economics Summer Conference, 2012.
Western Economics Association Meetings, 2010.
Western Agricultural Economics Association Meetings, 2008.

Valuing Access to our Public Lands

International Symposium on Society and Resource Management, 2007.
American Agricultural Economics Association Annual Meetings, 2007.

A Bayesian Examination of Anchoring Bias and Cheap Talk in Contingent Valuation.

University of Kentucky, 2006; Colorado State University/USFS Seminar Series, 2005.
American Agricultural Economics Association Annual Meetings, 2005.
Western Agricultural Economics Association Annual Meetings, 2005.

Curbside Recycling: Waste Resource or Waste of Resources?

American Agricultural Economic Association Annual Meetings, 2004.

Consistent High-Frequency Calibration.

Society of Computational Economics Annual Meetings, 2003.

Detrending Time-Aggregated Data.

North American Winter Meetings of the Econometric Society, 2003.

Cattle Cycles, Heterogeneous Expectations and the Age Distribution of Capital.”

American Agricultural Economic Association Annual Meetings, 2002.

Detection and Mitigation of Hypothetical Bias.

Midwest Econometric Annual Meetings, 2002.

Economics of Cattle Supply.

American Agricultural Economic Association Annual Meetings, 2000.
Computational Economics and Finance Annual Meetings, 2000.

Current Graduate Student Committees

PhD

Alfredo Cisneros-Pineda, PhD Candidate (co-chair)
Brian Enchelmeyer, PhD Candidate
Tabare Capitan, PhD Candidate

MS

Bryan Barry, MS Candidate Economics (co-chair)
Michelan Wilson, MS Candidate Economics

Past Graduate Student Committees

PhD

Matt Maloney, PhD Economics (co-chair)
Sichao Wei, PhD Economics (co-chair)
Cristian Rojas, PhD Economics
Yasha Feferholtz, PhD Economics
Jake Hochard, PhD Economics
Botao Qin, PhD Economics
Anteneh Tesfaw, PhD Economics
Onur Sapci, PhD Economics
Aaron Wood, PhD Economics
Jamie Pike, PhD Economics
Matt Oliver, PhD Economics
Shanshan Huang, PhD Economics
Alex James, PhD Economics
Sakib Mahmud, PhD Economics
Ben Cook, PhD Economics
Neil Wilmot, PhD Economics
Charles Sims, PhD Economics
Johnson Gwatipdeza, PhD Economics
Anita Chaudhry, PhD Economics
Laurel Ballard, PhD Economics
Tesa Leonce, PhD Economics
Erdal Kara, PhD Economics
Tanvir Hussain, PhD Economics
Kalyn Coatney, PhD Economics
Min Gong, PhD Economics
Pawan Jain, PhD Education
Jun Li, PhD Statistics

MS

Brady Goyn, MS Finance
Kevin Kramer, MS Finance
Glen Kwende, MS Economics (chair)
Lukas Todd, MS Agricultural and Applied Economics
Buddhika Patalee, MS Agricultural and Applied Economics
Chad LaFever, MS Economics
Chris Weingardt, MS Economics (chair)
Brad Parry, MS Economics
Nick Luedde, MS Economics
Muhammed Al Amin, MS Agricultural and Applied Economics
Wenxing Song, MS Agricultural and Applied Economics
Jeremiah Weichman, MS Economics & Finance (chair)

Sean Wever, MS Economics & Finance (chair)
Lindsey Rittmueller, MS Economics
Amrita Mukherjee, MS Economics
Matt Sackett, MS Economics
Jeff Felardo, MS Economics
Owen Davis, MS Economics
Xiaojia Yao, MS Agricultural Economics
Eric Cropper, MS Agricultural Economics
Jeff Cole, MS Agricultural Economics
Chris Cooke, MS Agricultural Economics
Jun Li, MS Statistics
Mei Chen, MS Statistics
Michael Dorssom, MS Sociology

Journal Reviewing

Nature Energy
International Journal of Sports Finance
Macro Dynamics
Computational Economics
Discrete Dynamics in Nature and Society
Journal of Policy Analysis and Management
Economic Inquiry
Environmental and Resource Economics
Marine Resources
Land Economics
Journal of Economic Behavior and Organization
American Journal of Agricultural Economics
Journal of Environmental Economics and Management
Journal of Economic Dynamics and Control
National Science Foundation
Research Council of Canada
Water Resources Research
Journal of Environmental Management
Review of Agricultural Economics
Economic Modelling
Energy Economics
Resource and Energy Economics
Economics Letters
Journal of Agricultural Economics
Journal of Agricultural and Resource Economics
Agricultural and Resources Economic Review
International Review of Economics and Finance
Empirical Economics
Ecological Economics
Journal of Economic Education
Journal of Environmental Planning and Management
Environmental Economics and Policy Studies
Resources