

# DAVID AADLAND

## Curriculum Vita

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### 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

2019- Department Head, University of Wyoming Department of Economics  
2019- 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
- Time Series Analysis & Forecasting
- 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, 2018 and 2019  
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

McIntosh, Chris, Neil Wilmot, David Aadland, and Sichao Wei. “The Effects of Terrorism Events and Changes in the U.S. Homeland Security Advisory System on National Park Visitation.”

Wei, Sichao and David Aadland. “A Short-Run Analysis of Pollution Taxes in an OLG Model with Endogenous Longevity.”

## 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.

## Peer-Reviewed Journal Publications

Wei, Sichao and David Aadland. 2021. “Physical Capital, Human Capital, and the Health Effects of Pollution in an OLG Model.” Forthcoming in *Macroeconomic Dynamics*.

Wei, Sichao and David Aadland. 2021. “Pollution Permits, Pollution Taxes, and the Environmental Poverty Trap.” *Review of Development Economics*, 25(2), 1032-1052.

Aadland, David, David Finnoff and Kevin X.D. Huang. 2020. “Economic Dynamics of Epidemiological Bifurcations.” *Studies in Nonlinear Dynamics & Econometrics*, 25(3), 1-18.

Cisneros-Pineda, Alfredo, David Aadland, and John Tschirhart. 2020. “Impacts of Cattle, Hunting, and Natural Gas Development in a Rangeland Ecosystem.” *Ecological Modelling*, 430(August), 109174.

Pike, Jamie, David Aadland, David Finnoff, Jason Shogren, W. Kip Viscusi, and Sasha Skiba. 2020. “Catastrophic Risk: Waking Up to the Reality of a Pandemic?” *EcoHealth*, 17, 217-221.

Sims, Charles, David Aadland, David Finnoff and Jacob Hochard. 2020. “What are the benefits of delisting endangered species and who receives them?: Lessons from the gray wolf recovery in Greater Yellowstone.” *Ecological Economics*, 174(August), 106656.

Maloney, Matt, David Aadland, 2020. “Chronic Wasting Disease Undermines Efforts to Control the Spread of Brucellosis in the Greater Yellowstone Ecosystem.” *Ecological Applications*, 30(6), e02129.

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: 324**]
- 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: 53**]
- 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: 88**]
- 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: 180**]
- 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: 61**]
- 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: 250**]
- 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: 57**]
- 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: 73**]
- Aadland, David and Van Kolpin. 1998. "Shared Irrigation Costs: An Empirical and Axiomatic Analysis." *Mathematical Social Sciences*, 35(2), 203-218. [**Google scholar citations: 109**]

## 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

Brian Enchelmeyer, PhD Candidate (chair)

### MS

Noah Taylor, MS Candidate (chair)

Carmen Elliot, MS Candidate Statistics

## **Past Graduate Student Committees**

### PhD

Aaron Enriquez, PhD Economics

Mahdi Chahkandi, PhD Economics

Alfredo Cisneros-Pineda, PhD Economics (co-chair)

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

Joey Kincanon, MS Economics (co-chair)

Dylan Bainer, MS Economics (chair)

Bryan Barry, MS Economics

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*