

BIOGRAPHICAL SKETCH

James Woods

Education and Training:

- University of California, Davis, CA, Ph.D. Economics, 2003; research areas: Energy/Conservation Behavior, Industrial Organization.
- University of the Pacific, Stockton, CA, B.Sc. Economics, 1991.

Research and Professional Experience:

- Portland State University, Portland, OR Assistant Professor, Economics, 2004 - Current Adjunct Assistant Professor, Economics, 2000 - 2004 Research Associate, Urban Studies, 2000 - 2004
- Behavioral Economics, Portland, OR Owner, 2001 - Current
- Portland Community College, Portland, OR Adjunct Faculty, Economics, 2002 - 2004
- Washington State University, Sociology, Pullman, WA Professional Worker II, 2001 - 2002
- Quantec, Portland, OR
Senior Associate, 1999 - 2001
- Econometric Solutions, Stockton, CA
Owner, 1998-1999
- California Energy Commission, Sacramento, CA
Internal Consultant, 1996 - 1998
- Solano Community College, Suisun, CA
Adjunct Faculty, Business, 1996
- University of the Pacific, Stockton, CA
Visiting Professor, Economics, 1994 - 1995

Publications:

- “Economics of Improved Indoor Air Quality and the Use of Construction Methods that Promote Building Durability in Affordable Multi-Family Dwellings”, with Randall Bluffstone, Josh Newkirk, Marla Pemberton, Jessica Bonar, Portland, OR: Portland Development Commission, 2009

- “What People Do When They Say They are Conserving Electricity”, *Energy Policy*, Volume 36, Issue 6, June 2008, Pages 1945-1956
- “Beyond the Price Effect in Time-of-Use Programs: Results from a Municipal Utility Pilot, 2007-2008”, *International Energy Program Evaluation Conference*, August 2009, Portland OR (With with Susan Lutzenhiser, Jane Peters and Mithra Moezzi)
- “Behavioral Assumptions in Energy Efficiency Potential Studies”, Mithra Moezzi , James Woods Contributor, California Institute for Energy and Environment, 2009 (<http://www.ucop.edu/ciee/energyeff/documents/energyefficiency.pdf>)
- ”Fiddling with Thermostats”, *Proceedings of the 2006 ACEEE Summer Study on Energy Efficiency in Buildings* 2006
- “Energy Implications of Heating and Cooling Setpoint Behavior”, Sacramento, CA: California Energy Commission, 2007

Patents, copyrights, and software systems:

- None

Synergistic Activities:

- The Columbia River Basin Sustainable Water Resources, Monte Carlo and optimizing methods of large weather driven simulations.
- Advanced Residential Energy and Behavior Analysis, adding behavioral elements to building energy simulations, Bayesian forecasts of energy use.

Current and Pending Support:

- The Columbia River Basin Sustainable Water Resources, Energy and Climate Initiative, PSU Miller Grant, Co-Investigator, 2009, \$299,392 (\$1,299,392 total)
- Advanced Residential Energy and Behavior Analysis, California Energy Commission, Co-Investigator, 2009, \$1,213,787
- Recovery Act: Advanced Energy Efficient Building Technologies, Department of Energy, Co-Investigator, 2009, \$1,750,397.39 (Applied and Under Consideration)

Collaborators and Co-editors:

Sylvia Bender (California Energy Commission), Randall Bluffstone (PSU), Jessica Bonar (PSU), Anna Kim (Cadmus Group), Rick Kunkle (Washington State University), Loren Lutzenhiser (PSU), Susan Lutzenhiser (Research Into Action), Mithra Moezzi (Ghoulem Research), Josh Newkirk (PSU), Marla Pemberton (PSU), Jane Peters (Research Into Action), David Sailor (PSU)

Graduate and Postdoctoral Advisors and Advisees:

Rich Jolly (Current), Mersiha Spahic (Current), Oliver Smith, Anna Kim (Cadmus Group), Christian Miner (Self-Employed), Sarang Amirtabar (Seattle City Light), Chris Smith-Hill (Merriman, Curhan, Ford & Co.)