

C.-Y. Cynthia Lin

Department of Agricultural and Resource Economics
University of California at Davis
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FACULTY APPOINTMENTS

Assistant Professor July 2006 to present
Department of Agricultural and Resource Economics, and Department of Environmental Science and Policy
University of California at Davis

OTHER APPOINTMENTS

Member, California State Controller's Council of Economic Advisors	April 2007 to present
Research Associate, Harvard University John F. Kennedy School of Government	June 2006 to present
Faculty Affiliate, UC-Davis Institute of Transportation Studies	November 2006 to present
Fossil Fuels Track Director, Sustainable Transportation Energy Pathways Program, UC-Davis Institute of Transportation Studies	December 2006 to present
Faculty Member, UC-Davis Graduate Group in Transportation Technology and Policy	March 2007 to present
Faculty Member, UC-Davis Graduate Group in Applied Math	March 2007 to present
Faculty Member, UC-Davis Graduate Group in Ecology	October 2007 to present
Member, Bioenergy Research Group at UC-Davis	December 2006 to present
Faculty Associate, UC-Davis Air Quality Research Center	December 2006 to present
Member, Giannini Foundation for Agricultural Economics	July 2006 to present
Member, California Biomass Collaborative	October 2007 to present
Faculty Expert, UC-Davis John Muir Institute of the Environment	September 2008 to present
Associated Faculty, UC-Davis Center for Environmental Policy and Behavior	July 2010 to present
Affiliated Faculty, University of California Center for Energy and Environmental Economics	June 2011 to present

EDUCATION

Harvard University Cambridge, MA
Ph.D. in Economics, June 2006.

Harvard University Cambridge, MA
A.M. in Economics, November 2005.

Harvard University Cambridge, MA
A.B. *summa cum laude* in Environmental Science and Public Policy, June 2000.

FIELDS OF INTEREST

Environmental and natural resource economics
Energy economics
Industrial organization
Applied microeconomics

HONORS, AWARDS, FELLOWSHIPS

University of California at Davis Hellman Fellow (2011)
International Society for New Institutional Economics Award for the Best Ph.D. Dissertation (2006)
Stone Fellow Award for Best Paper Written by a Doctoral Student in Environmental and Resource Policy (2006)
Repsol YPF–Harvard Kennedy School Fellows Program Conference Travel Grant (2006)
The Partnership University Fellow (2005-2006)
Environmental Economics Program at Harvard University Pre-Doctoral Conference Travel Grant (2004)
Repsol YPF–Harvard Kennedy School Fellows Program Conference Travel Grant (2004)
1st Lindau Meeting of the Winners of the Bank of Sweden Prize in Economic Sciences in Memory of Alfred Nobel, young economist participant, selected to give closing remarks on behalf of students (2004)
Harvard University Department of Economics Research and Travel Award (2004)
Repsol YPF–Harvard Kennedy School Fellows Program Research Travel Grant (2004)
Harvard Committee on Undergraduate Education Certificate of Distinction in Teaching (Fall 2003)
Repsol YPF–Harvard Kennedy School Pre-Doctoral Fellowship in energy policy (2003)
Jens Aubrey Westengard Scholarship (2003)
Harvard Graduate School of Arts and Sciences Summer Research Award (2002)
Harvard Committee on Undergraduate Education Certificate of Distinction in Teaching (Fall 2002)
National Science Foundation Graduate Research Fellowship (2001)
Jacob K. Javits Fellowship (2001, declined in favor of EPA fellowship)
Environmental Protection Agency Science to Achieve Results Graduate Fellowship (2000-2003)
Rita Ricardo-Campbell Fellowship in Economics (2000)
Environmental Economics Program at Harvard University Pre-Doctoral Fellow (2000-2006)
Thomas Temple Hoopes Prize for the top 64 Harvard senior theses (2000)
Donald and Cathleen Pfister Prize for excellence in the natural sciences (2000)
Junior-year Phi Beta Kappa (1999)
Morris K. Udall Scholarship for excellence in environmental policy (1999)
Harvard College Research Program research fellowship (1999)
President Chao Nee Memorial Scholarship (1999)
John Harvard Scholarship (1997, 1998, 1999, & 2000)
Elizabeth Cary Agassiz Scholarship (1997, 1998 & 1999)
Detur Book Prize (1997)
First Place Grand Award at International Science and Engineering Fair (1996)

PEER-REVIEWED PUBLICATIONS

Ghandi, A., & Lin, C.-Y.C. (2012). Do Iran's buy-back service contracts lead to optimal production?: The case of Soroosh and Nowrooz. Energy Policy, 42, 181-190.

Leighty, W., & Lin, C.-Y.C. (2012). Tax policy can change the production path: A model of optimal oil extraction in Alaska. Energy Policy, 41, 759-774.

Lin, C.-Y.C. (2011). Learning an opponent's strategy in Cournot competition. International Journal of Strategic Management, 11 (1), 94-112.

Lin, C.-Y.C. (2011). Estimating supply and demand in the world oil market. Journal of Energy and Development, 34 (1), 1-32.

Corderi, D., & Lin, C.-Y.C. (2011). Measuring the social rate of return to R&D in coal, petroleum and nuclear manufacturing: A study of the OECD countries. Energy Policy, 39 (5), 2780-2785.

Pfeiffer, L., & Lin, C.-Y.C. (2010). The effect of irrigation technology on groundwater use. Choices, 25 (3).

- Lin, C.-Y.C. (2010). A spatial econometric approach to measuring pollution externalities: An application to ozone smog. Journal of Regional Analysis and Policy, 40 (1), 1-19.
- Adjemian, M.K., Lin, C.-Y.C., & Williams, J. (2010). Estimating spatial interdependence in automobile type choice with survey data. Transportation Research Part A: Policy and Practice, 44, 661-675.
- Lin, C.-Y.C. (2010). How should standards be set and met?: On the allocation of regulatory power in a federal system. B.E. Journal of Economic Analysis and Policy: Topics, 10 (1), Article 51.
- Lin, C.-Y.C. (2010). Instability, investment, disasters, and demography: Natural disasters and fertility in Italy (1820-1962) and Japan (1671-1965). Population and Environment, 31 (4), 255-281.
- Lin, C.-Y.C., & Prince, L. (2009). The optimal gas tax for California. Energy Policy, 37 (12), 5173-5183.
- Farinelli, B., Carter, C., Lin, C.-Y.C., & Sumner, D. (2009). Import demand for Brazilian ethanol: a cross-country analysis. Journal of Cleaner Production (special issue on International Trade in Biofuels), 17, S9-S17.
- Lin, C.-Y.C. (2009). Estimating strategic interactions in petroleum exploration. Energy Economics, 31 (4), 586-594.
- Lin, C.-Y.C., Meng, H., Ngai, T.Y., Oscherov, V., & Zhu, Y.H. (2009). Hotelling revisited: Oil prices and endogenous technological progress. Natural Resources Research, 18 (1), 29-38.
- Lin, C.-Y.C. (2009). Insights from a simple Hotelling model of the world oil market. Natural Resources Research, 18 (1), 19-28.
- Lin, C.-Y.C. (2008). An evaluation of Keynes' projected possibilities. The American Journal of Economics and Sociology, 67 (2), 315-329.
- Lin, C.-Y.C., & Wagner, G. (2007). Steady-state growth in a Hotelling model of resource extraction. Journal of Environmental Economics and Management, 54 (1), 68-83.
- Lin, C.-Y.C. (2005). The investment timing game in petroleum production: An econometric model. Physica A, 355 (1), 62-68.
- Lin, C.-Y.C., Jacob, D.J., & Fiore, A.M. (2001). Trends in exceedances of the ozone air quality standard in the continental United States, 1980-1998. Atmospheric Environment, 35, 3217-3228.
- Lin, C.-Y.C., Jacob, D.J., Munger, J.W., & Fiore, A.M. (2000). Increasing background ozone in surface air over the United States. Geophysical Research Letters, 27 (21), 3465-3468.

OTHER PUBLICATIONS

- Lin, C.-Y.C. (forthcoming). Strategic interactions during oil exploration in the Gulf of Mexico. In Energy Exploration. New York: Nova Science Publishers, Inc.
- Lin, C.-Y.C. (2011). An assessment of the effectiveness of California's local air pollution controls on agricultural sources. In M. Khallaf (Ed.), The Impact of Air Pollution on Health, Economy, Environment and Agricultural Sources. InTech – Open Access Publisher.
- Heres del Valle, D.R., & Lin, C.-Y.C. (2011). Sub-national state's climate policy: The case of California. In I. Galarraga, M. Gonzalez-Eguino, & A. Markandya (Eds.), Handbook of Sustainable Energy. United Kingdom: Edward Elgar.

- Lin, C.-Y.C. (2011). Fossil fuels. World Book Encyclopedia. Chicago: World Book.
- Lin, C.-Y.C. (2011). The effects of an E10 ethanol-blend policy on California. California State Controller John Chiang Statement of General Fund Cash Receipts and Disbursements, 5 (5), 6-7.
- Lin, C.-Y.C. (2011). A Hotelling model of steady-state growth in coal extraction. In J.J. Stewart (Ed.), Coal Extraction. New York: Nova Science Publishers, Inc.
- Lin, C.-Y.C. (2010). Gasoline price volatility. California State Controller John Chiang Statement of General Fund Cash Receipts and Disbursements, 4 (11), 6-8.
- Lin, C.-Y.C., Zhang, W., Rouhani, O., & Prince, L. (2009). The implications of an E10 ethanol-blend policy for California. Agricultural and Resource Economics Update, 13 (2), 1-4.
- Lin, C.-Y.C. (2009). Biofuels for transport: Global potential and implications for sustainable energy and agriculture (book review). American Journal of Agricultural Economics, 91(4), 1155-1157.
- Pfeiffer, L., & Lin, C.-Y.C. (2009). Incentive-based groundwater conservation programs: Perverse consequences? Agricultural and Resource Economics Update, 12 (6), 1-4.
- Lin, C.-Y.C. (2008). On the distribution of regulatory power between state and local governments. In A. Tavidze (Ed.), Progress in Economics Research, Volume 12 (pp. 189-208). New York: Nova Science Publishers, Inc.
- Lin, C.-Y.C. (2007). California's gasoline tax. California State Controller John Chiang Statement of General Fund Cash Receipts and Disbursements, 1 (7), 5-8.
- Lin, C.-Y.C. (2007). Estimating and testing a dynamic model of OPEC and non-OPEC. In Developing and Delivering Affordable Energy in the 21st Century. 27th USAEE/IAEE North American Conference Online Proceedings.
- Lin, C.-Y.C., & Leighty, W.W. (2007). Government leasing policy and the multi-stage investment timing game in offshore petroleum production. In Developing and Delivering Affordable Energy in the 21st Century. 27th USAEE/IAEE North American Conference Online Proceedings.
- Lin, C.-Y.C. (2006). Environmental federalism and regulatory delegation: An incomplete contracting approach. In R. Bleischwitz & O. Budzinski (Eds.), Environmental Economics: Institutions, Competition, Rationality (pp. 129-149). Berlin: VWF.
- Lin, C.-Y.C. (2006). Oil prices, stock effects and endogenous technological progress. In C. Frankhouse (Ed.), Economics of Agriculture and Natural Resources (pp. 111-125). New York: Nova Science Publishers, Inc.
- Lin, C.-Y.C. (2006). Three essays on the economics of the environment, energy and externalities. Ph.D. dissertation, Harvard University.
- Lin, C.-Y.C. (2005). Estimating annual and monthly supply and demand for world oil: A dry hole? In W.W. Hogan (Ed.), Repsol YPF – Harvard Kennedy School Fellows 2003-2004 Research Papers (pp. 213-249). Cambridge, MA: Harvard University.
- Lin, C.-Y.C. (2005). The multi-stage investment timing game in offshore petroleum production: A framework for an econometric model. In W.W. Hogan (Ed.), Repsol YPF – Harvard Kennedy School Fellows 2003-2004 Research Papers (pp. 201-211). Cambridge, MA: Harvard University.
- Lin, C.-Y.C. (2005). Optimal world oil extraction: Calibrating and simulating the Hotelling model. In W.W. Hogan (Ed.), Repsol YPF – Harvard Kennedy School Fellows 2003-2004 Research Papers (pp. 251-266). Cambridge, MA: Harvard University.

- Lin, C.-Y.C. (2004). Regulatory delegation: Theory and application to environmental federalism. In G.T. Papanikos (Ed.), Competition, Regulation and Protection: Essays from an International Conference on Industrial Organization, Law and Economics (pp. 79-90). Athens: Athens Institute for Education and Research.
- Lin, C.-Y.C. (2001). The scholar as activist: A colloquium explores these dual roles. Harvard Graduate School of Arts and Sciences Bulletin, XXX (9), 1-3.
- Lin, C.-Y.C. (2000). Trends in ozone smog. Senior thesis, Harvard University.

GRANTS

- UC-Davis Sustainable Transportation Center Faculty Research Grant (\$59,995.99). Principal Investigator: C.-Y. Cynthia Lin. Awarded August 2011.
- Giannini Foundation of Agricultural Economics minigrant (\$24,585). Principal Investigator: C.-Y. Cynthia Lin. Awarded June 2011.
- UC-Davis Sustainable Transportation Center Seed Grant (\$9,919.34). Principal Investigator: C.-Y. Cynthia Lin. Awarded June 2011.
- UC-Davis Hellman Fellowship (\$20,638). Awarded May 2011.
- ITS Multi-campus Research Program and Initiative on Sustainable Transportation grant (\$17,000). Principal Investigator: C.-Y. Cynthia Lin. Awarded January 2011.
- UC-Davis Chevron Research Grant (\$301,037). Principal Investigator: C.-Y. Cynthia Lin. Awarded December 2007.
- UC-Davis Chevron Research Grant (\$369,308). Principal Investigator: C.-Y. Cynthia Lin. Co-PIs: Mark Delucchi, Christopher Knittel, Daniel Sperling. Awarded February 2007.

PRESENTATIONS

- “Endogeneity in the environmental Kuznets curve: An instrumental variables approach.” American Economic Association Annual Meeting. Chicago. January 2012.
- “Gasoline demand elasticities, gasoline price volatility, and the optimal gas tax for California.” Sacramento Economics Roundtable. September 2011.
- “The effects of policy and strategic factors on investment in fuel-ethanol plants.” Rice University. September 2011.
- “The effects of policy and strategic factors on investment in fuel-ethanol plants.” Association of Environmental and Resource Economists Conference. Seattle. June 2011.
- “Do firms interact strategically?: An empirical analysis of investment timing decisions in offshore petroleum production.” University of California at Riverside. April 2011.
- “Have OPEC producers colluded?: An empirical dynamic model of OPEC and non-OPEC.” OPEC at 50: Its past, present and future in a carbon-constrained world. National Energy Policy Institute/University of Tulsa. March 2011.

“Global energy issues.” UC-Davis International Relations Student Association Guest Speaker. University of California at Davis. February 2011.

“Investment in biofuels: The role of oil companies.” UC-Davis Sustainable Transportation Energy Pathways (STEPS) Symposium. University of California at Davis. January 2011.

“The effects of policy and strategic factors on investment in fuel-ethanol plants.” IO Fest 2010: The Annual Berkeley-Stanford Conference in Industrial Organization. Stanford University. November 2010.

“Do firms interact strategically?: An empirical analysis of investment timing decisions in offshore petroleum production.” University of Alberta. October 2010.

“Investment in corn-ethanol plants in the Midwestern United States.” Duke University. October 2010.

“Do firms interact strategically?: An empirical analysis of investment timing decisions in offshore petroleum production.” Triangle Resource and Environmental Economics Seminar. North Carolina. October 2010.

“How should standards be set and met?: On the allocation of regulatory power in a federal system.” University of Nevada at Reno. October 2010.

“Investment in fuel-ethanol plants.” Research Sketch. National Bureau of Economic Research (NBER) Summer Institute Environmental and Energy Economics Workshop. July 2010.

“The economics of investment in biofuels.” Third Berkeley Conference on the Bioeconomy. Berkeley, CA. June 2010.

“The optimal gas tax for California.” U.S. Energy Policy in Transition conference. Gainesville, FL. March 2010.

“Strategic behavior and government policy.” Graduate Group in Applied Math Mini-Conference. University of California at Davis. January 2010.

“Gasoline demand elasticities, gasoline price volatility, and the optimal gas tax for California.” 11th Occasional California Workshop on Environmental and Natural Resource Economics. Santa Barbara. October 2009.

“Gasoline demand elasticities, gasoline price volatility, and the optimal gas tax for California.” 2009 Harvard Environmental Economics Alumni Workshop. September 2009.

“Research on natural resources.” Visiting Delegation from Henan Province of P.R. China. University of California at Davis. September 2009.

“Understanding, modeling and analyzing energy markets.” UC-Davis Sustainable Transportation Energy Pathways Advisory Board Meeting. Asilomar. July 2009.

“How should standards be set and met?: On the allocation of regulatory power in a federal system.” University of California at Riverside. June 2009.

“An empirical dynamic model of OPEC and Non-OPEC.” Harvard University. February 2009.

“An empirical dynamic model of OPEC and Non-OPEC.” University of California at San Diego. January 2009.

“Energy outlook: Prospects and policies.” California State Controller Council of Economic Advisors meeting. Sacramento. December 2008.

“Dynamic and strategic decision-making in the energy industry.” Exxon-Mobil campus visit. Institute of Transportation Studies, University of California at Davis. July 2008.

- “How should standards be set and met?: On the allocation of regulatory power in a federal system.” 10th Occasional Workshop on Environmental and Resource Economics. Santa Barbara. March 2008.
- “Do firms interact strategically?: A structural model of the multi-stage investment timing game in offshore petroleum production.” University of California at Berkeley. February 2008.
- “Do firms interact strategically?: A structural model of the multi-stage investment timing game in offshore petroleum production.” American Economic Association Annual Meeting. New Orleans. January 2008.
- “An empirical dynamic model of OPEC and Non-OPEC.” 1st International Association for Energy Economics (IAEE) Asian conference. Taipei. November 2007.
- “Modeling OPEC and non-OPEC behavior: A structural econometric approach.” IO Fest 2007: The 13th Annual Berkeley-Stanford Conference in Industrial Organization. Berkeley Haas School of Business. October 2007.
- “Estimating and testing a dynamic model of OPEC and non-OPEC.” 27th United States Association for Energy Economics (USAEE) — International Association for Energy Economics (IAEE) North American Conference. Houston. September 2007.
- “Business and investment strategies for clean tech commodities.” Panel on Biofuels: Successful Business Models for Clean Tech Commodities. Clean Technology Group, Entrepreneurship Program, MIT Club of Northern California. Google, Mountain View, CA. September 2007.
- “Fossil fuels research highlights.” UC-Davis Sustainable Transportation Energy Pathways Advisory Board Meeting. Asilomar. August 2007.
- “Strategic behavior and government policy.” Research Sketch. National Bureau of Economic Research (NBER) Summer Institute Workshop on Public Policy and the Environment. July 2007.
- “Managing energy markets: Policies and implications.” Swedish Parliament visit: New Energy and Techniques for a Better Future. University of California at Davis. June 2007.
- “Energy: A Giannini jingle.” Annual Meeting of the Giannini Foundation of Agricultural Economics. UC-Berkeley. May 2007.
- “A theory of regulatory delegation, with a framework for application to ozone smog regulation.” Ronald Coase Institute Conference on Institutional Research. Chicago. Dec. 2006.
- “Do firms interact strategically?: An empirical analysis of investment timing decisions in offshore petroleum production.” 9th Occasional Workshop on Environmental and Resource Economics. Santa Barbara. Nov. 2006.
- “How should standards be set and met?: An incomplete contracting approach to delegation in regulation.” University of California at Berkeley. Oct. 2006.
- “How should standards be set and met?: An incomplete contracting approach to delegation in regulation.” University of California at Davis. Oct. 2006.
- “Do firms interact strategically?: An empirical analysis of investment timing decisions in offshore petroleum production.” 3rd World Congress of Environmental and Resource Economists. Kyoto. July 2006.
- “How should standards be set and met?: An incomplete contracting approach to delegation in regulation.” 3rd World Congress of Environmental and Resource Economists. Kyoto. July 2006.

2003-2006:

International Industrial Organization Conference, 2006

University of California, Berkeley, 2006
University of California, Davis, 2006
University of Hawaii, Manoa, 2006
Rice University, 2006
Soka University, 2006
Repsol YPF – Harvard Seminar on Energy, 2005
Harvard University Environmental Economics and Policy Seminar, 2005
Harvard Environmental Economics Workshop, 2005
Interdisciplinary Spatial Statistics Workshop, 2004 (Paris)
INFER Conference 2004: Environmental Economics: Institutions, Competition, Rationality, 2004 (Wuppertal, Germany)
First Bonzenfreies Colloquium on Market Dynamics and Quantitative Economics, 2004 (Alessandria, Italy)
NBER Summer Institute Workshop on Public Policy and the Environment, 2004 (research sketch)
Second World Congress of the Game Theory Society, 2004 (Marseille)
International Conference on Industrial Organization, Law and Economics, 2004 (Chalkidiki, Greece)
Harvard University Environmental Economics and Policy Seminar, 2004
Repsol YPF – Harvard Seminar on Energy, 2003
NBER Summer Institute Workshop on Public Policy and the Environment, 2003 (research sketch)

WORKING PAPERS

- “Strategic decision-making with information and extraction externalities: A structural model of the multi-stage investment timing game in offshore petroleum production” (conditional acceptance, [Review of Economics and Statistics](#))
- “Using an approximation to competitors’ private information”, with Erich J. Muehlegger (revise and resubmit, [Journal of Economic Behavior and Organization](#))
- “An empirical dynamic model of OPEC and non-OPEC” (under review)
- “Using observed ozone-temperature relationships to project the effect of future climate change on ozone exceedances in the northeastern United States”, with Loretta J. Mickley, Katharine M. Hayhoe, Ed P. Maurer, Christian Hogrefe, Patrick L. Kinney, and Daniel J. Jacob
- “Endogeneity in the environmental Kuznets curve: An instrumental variables approach”, with Zachary D. Liscow (under review)
- “The social rate of return to R&D in energy”, with David Corderi (under review)
- “Groundwater pumping and spatial externalities in agriculture”, with Lisa Pfeiffer (conditional acceptance, [Journal of Environmental Economics and Management](#))
- “Property rights and groundwater management in the High Plains Aquifer”, with Lisa Pfeiffer
- “Gasoline price volatility and the elasticity of demand for gasoline”, with Lea Prince (under review)
- “Quantity and price controls for the correction of externalities under uncertain damages: Evidence from a laboratory experiment”, with David R. Heres del Valle
- “Does efficient irrigation technology lead to reduced groundwater extraction?: Empirical evidence”, with Lisa Pfeiffer (revise and resubmit, [American Journal of Agricultural Economics](#))
- “Investment in corn-ethanol plants in the Midwestern United States”, with Karen Thome (under review)

“Estimating the environmental Kuznets curve for water pollutants at the global level: Semiparametric and nonparametric approaches”, with Krishna P. Paudel and Mahesh Pandit (under review)

“The effects of driving restrictions on air quality: São Paulo, Bogotá, Beijing, and Tianjin”, with Wei Zhang and Victoria I. Umanskaya

“Market power and shadow prices for nonrenewable resources: An empirical dynamic model”, with Wei Zhang (under review)

“What factors affect the decision to invest in a fuel ethanol plant?: A structural model of the investment timing game in Europe”, with Fujin Yi (under review)

“Ethanol plant investment in Canada: A structural model”, with Fujin Yi (under review)

“An analysis of risk and rate of return to international oil companies from Iran’s buy-back service contracts”, with Abbas Ghandi (under review)

“The elasticity of demand for gasoline and the optimal gas tax for China”, with Jieyin (Jane) Zeng (under review)

“Driving in force: Why the U.S. military commutes by automobile”, with Geoffrey M. Morrison

TEACHING EXPERIENCE

University of California at Davis

ARE 175/ESP 175: Natural Resource Economics 2008 – present

ARE 298 (formerly ARE 276): Advanced Topics in Environmental and Resource Economics 2007 – present

ARE 254: Dynamic Optimization Techniques with Economic Applications Fall 2011

ECL 298: Environmental Policy and Human Ecology Core Course Winter 2010

ARE 199: Special Study for Advanced Undergraduates 2007 - present

ECN 194HB: Honors Thesis in Economics 2011-2012

Faculty Mentor, Vertical Integration of Research and Education in the Mathematical Sciences (VIGRE) Research Experiences for Undergraduates Summer 2007

Guest Lecturer, ARE 176: Environmental Economics November 17, 2009

Guest Lecturer, Engineering Civil and Environmental (ECI) 269: Transportation – Air Quality May 2, 2007

Guest Lecturer, Engineering Biological Systems (EBS) 216: Energy Systems March 14, 2007

Harvard University

Participant in Discussion Leading Master Class, Harvard University Derek Bok Center for Teaching and Learning 2005-2006

Teaching Fellow for Prof. Martin Weitzman, Economics 1690: “Theory of Capital and Income” Fall 2002 and Fall 2003

WORKSHOPS, SUMMER PROGRAMS AND OTHER PROFESSIONAL MEETINGS

National Bureau of Economic Research Summer Institute Econometrics Minicourse (2007)

Stanford University Woods Institute for the Environment Inter-University Scholars Program: Engaging with California Government on Climate Change (2006)

Harvard University Christensen Discussion-Leading Seminar (2005-2006)

Ronald Coase Institute Workshop on Institutional Analysis (2004)

EAERE-FEEM-VIU Summer School: Dynamic Models in Economics and the Environment, scholarship recipient (2004)
XIV Seminario Repsol YPF ~ Harvard, A Coruña (2004)
EAERE-FEEM-VIU Summer School: Political Economy of the Environment (2003)
Interuniversity Centre for Game Theory and its Applications Summer School on Game Theory and the Environment, fellowship recipient (2002)
Social Science Research Council Program in Applied Economics Summer Workshop: Risk and Uncertainty (2002)
Social Science Research Council Program in Applied Economics Summer Workshop (2001)

SERVICE

Professional

Associate Editor, Environmental Studies, Versita (2012 to present)
Session chair, American Economic Association Annual Meeting (2012)
Associate Topic Editor, CAMEL (Climate, Adaption, Migration, Electronic Learning) (2011- present)
Referee, University of California Transportation Center research grant (2011)
Peer reviewer, EPA grant on “Research on the Design of Policies for Pollution Control Using Market Mechanisms” (2009)
Referee, Journal of Environmental Economics and Management [3]
Referee, Review of Environmental Economics and Policy
Referee, American Journal of Agricultural Economics [2]
Referee, Journal of Urban Economics
Referee, American Journal of Economics and Sociology
Referee, Review of Development Economics
Referee, Contemporary Economic Policy
Referee, SPE Economics and Management
Session chair, 3rd World Congress of Environmental and Resource Economists (2006)
Session chair, International Industrial Organization Conference (2006)

University of California at Davis

Speaker, Passport to Air Quality and Health, Santa Rosa Girl Scouts UC-Davis visit (2009)
Gender and the job market panel (2007)

UC-Davis Agricultural and Resource Economics Department

Environmental and Resource Economics Field Courses Committee (2012)
Best Dissertation Selection Committee (2012)
Mock interviewer for job market candidate (2011)
AES proposal ad-hoc review committee (2011)
AES proposal ad-hoc review committee (2010)
Undergraduate Advisory Committee (2006-present)
Environmental and Resource Economics Field Courses Committee (2009-2010)
Economics of Agricultural Sustainability Faculty Search Committee (2006-2007)

UC-Davis Environmental Science and Policy Department

Ad-hoc appraisal review committee (2011)
Ad-hoc merit review committee (2011)
Ad-hoc merit review committee (2010)
Ad-hoc merit review committee (2009)

Harvard University Department of Economics

Job market panel (2006)

EXPERIENCE

Harvard University, Research Assistant in Economics for Prof. Dale Jorgenson	Summer 2001
Harvard University, Research Assistant in Atmospheric Chemistry for Prof. Daniel Jacob	9/1998 to 9/2000
Environmental Policy Intern for Massachusetts State Senator Lois G. Pines	Summer 1998
Harvard University, Radcliffe Research Partner for Barbara Goldoftas	Summer 1998
Biotech Investment Consultant for Wiltshire Associates, Ltd.	Summer 1997

SKILLS

Computer languages: IDL, R/S-Plus, Matlab, C, Fortran, TSP, Stata.

Foreign languages: Proficient in Mandarin and French.

MISCELLANEOUS

Results from Lin et al. (2001) featured in Denman, K.L., et al. (2007). Couplings between changes in the climate system and biogeochemistry. In: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., et al., (eds.)]. Cambridge: Cambridge University Press.

FORMER GRADUATE STUDENTS

Michael Adjemian
Ph.D., Agricultural & Resource Economics, 2009
Economist, USDA Economic Research Service

Barbara Farinelli
M.S., Agricultural & Resource Economics, 2008
Energy consultant, World Bank

David Heres del Valle
Ph.D., Agricultural & Resource Economics, 2009
Postdoctoral Researcher, Basque Center for Climate Change

Wayne Leighty
M.S., Transportation Technology and Policy, 2008
Commercial regulatory analyst, Shell Oil Company

Lisa Pfeiffer
Ph.D., Agricultural & Resource Economics, 2009
Economist, NOAA National Marine Fisheries Service Alaska Fisheries Science Center

CONSULTING

Economic and Planning Systems, Inc. (wind energy) (2010)