

CURRICULUM VITAE

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Current positions

Assistant Professor
Department of Agricultural and Resource Economics
University of Maryland
(since August 2005)

NBER Faculty Research Fellow (since April 2009)

Research Associate, Centre for European Economic Research (ZEW),
Mannheim, Germany

Degrees

- 07/2000 PhD in Economics (Dr.rer.pol.), (summa cum laude, with distinction)
Department of Economics, University of Heidelberg, Germany, thesis:
Environmental policy decisions under uncertainty
Supervisor: Prof. Dr. Till Requate, Prof. Dr. Hans Gersbach
- 02/1997 Master-Degree in Mathematical Economics (Diplom-Wirtschafts-
mathematiker), University of Bielefeld, Germany (with distinction)

Positions held

- 04/2009 – NBER Faculty Research Fellow
- 04/2006 – Research Associate, Centre for European Economic Research (ZEW),
Mannheim, Germany
- 08/2005 – Assistant Professor, Department of Agricultural and Resource
Economics, University of Maryland, College Park, USA

- 10/2004 – 08/2005 Visiting Research Associate, Department of Agricultural and Resource Economics, University of Maryland, College Park, USA
- 10/2003 – 09/2004 Visiting Research Scholar, Department of Agricultural and Resource Economics, University of Maryland, USA
- 12/2000 – 03/2005 Research Fellow, Centre for European Economic Research (ZEW), Mannheim, Germany, Department Environmental and Resource Economics (on leave: 10/2003-03/2005)
- 09/1998 - 09/2001 Coordinator of Graduate Program Interdisciplinary Studies in Environmental Sciences, University of Heidelberg

Research interests

Microeconomics, Public Economics, Environmental Economics, Experimental and Behavioral Economics

Major grants and awards

- 2009 Junior Faculty Award, College of Agriculture and Natural Resources, University of Maryland
- 10/2003–09/2004 Research Fellowship, German Science Foundation (Deutsche Forschungsgemeinschaft, DFG)
- 1998–2001 Young Economists International Presentation Award, German Economic Association (Verein für Socialpolitik)

Publications

Books

"Applied Research in Environmental Economics", with Christoph Böhringer (eds.), 2005, Springer, ZEW Economic Studies.

"Umweltpolitische Entscheidungen unter Unsicherheit und bei Restriktionen in der Instrumentenwahl", 2001, Peter Lang, Frankfurt.

Articles in Refereed Journals

"Multi-Dimensional Reference-Dependent Preferences in Sealed-Bid Auctions – How Laboratory Experiments Differ from the Real World", with Anmol Ratan, *Games and Economic Behavior*, (accepted)

"On the Self-Interested Use of Equity Principles in International Climate Negotiations", with Andreas Löschel, Carsten Vogt and Andreas Ziegler, *European Economic Review* (accepted), (NBER Working Paper 14930).

"Is a Donor in Hand Better than Two in the Bush? Evidence from a Natural Field Experiment", with Craig Landry, John A. List, Michael K. Price, and Nicholas Rupp. *American Economic Review*, (accepted) (NBER Working Paper 14319) "Uncertainty, Learning and Ambiguity in Economic Models on Climate Policy: Some Classical Results and New Directions", with Nicolas Treich, *Climatic Change* 89, 2008, 7-21.

"A Fundraising Mechanism Inspired by Historical Tontines: Theory and Experimental Evidence", with John A. List and Michael K. Price, *Journal of Public Economics* 91(9), 2007, 1750-1782.

"Using Lotteries to Finance Public Goods: Theory and Experimental Evidence", with John A. List, Michael K. Price, *International Economic Review* 48(3), 2007, 901-927.

"On the Importance of Equity in International Climate Policy: An Empirical Analysis", with Carsten Vogt and Andreas Ziegler, *Energy Economics* 29(3), 2007, 545-562.

"Economic Geography and the Effect of Environmental Pollution on Agglomeration", with Martin Quaas, *The B.E. Journal of Economic Analysis & Policy: Vol. 7: Issue 1 (Topics)*, 2007, Article 52.

"Learning and climate change", with Brian O'Neill et al, *Climate Policy* 6, 2006, 585-589.

"The Impact of Equity-Preferences on the Stability of International Environmental Agreements", *Environmental and Resource Economics*, 34, 2006, 247-267.

"Toward an Understanding of the Economics of Charity: Evidence from a Field Experiment", with Craig Landry, John A. List, Michael K. Price, and Nicholas Rupp. *Quarterly Journal of Economics* 121(2), 2006, 747-782.

"Providing Public Goods in Two Steps". *Economics Letters* 91(2), 2006, 173-178.

"On the Design of Optimal Free Allocation Schemes for Emission Allowances", with Christoph Böhringer, *European Economic Review* 49, 2005, 2041-2055.

"Economic Implications of Alternative Allocation Schemes for Emission Allowances", with Christoph Böhringer, *Scandinavian Journal of Economics* 107, 2005, 563-581.

- "Der EU-Emissionshandel im Zielkonflikt zwischen Effizienz, Kompensation und Wettbewerbsneutralität", with Christoph Böhringer and Ulf Moslener, *Perspektiven der Wirtschaftspolitik* 6(3), 2005, 309-323.
- "Assessing Emission Allocation in Europe: An Interactive Simulation Approach", with Christoph Böhringer, Tim Hoffmann, Ulf Moslener, *Energy Journal* 26(4), 2005.
- "Mission Impossible!? On the Harmonization of National Allocation Plans under the EU Emissions Trading Directive", with Christoph Böhringer, *Journal of Regulatory Economics* 27, 2005, 81-94.
- "A Bird in the Hand is Worth Two in the Bush? When Do We Prefer Something Certainly Dirty to Something Perhaps Clean?", with Ulf Moslener, *Journal of Risk and Uncertainty* 29, 2004, 35-51.
- "Climate Change and the Irreversibility Effect - Combining Expected Utility and MaxiMin", *Environmental and Resource Economics* 25, 2003, 417-434.
- "Cooperation in International Environmental Negotiations due to a Preference for Equity", with Carsten Vogt, *Journal of Public Economics* 87, 2003, 2049-2067.
- "A Note on Decisions under Uncertainty - The Impact of the Choice of the Welfare Measure", *Theory and Decision* 51, 2001, 51-71.
- "Pigouvian Taxes in General Equilibrium with a Fixed Tax Redistribution Rule", with Till Requate, *Journal of Public Economic Theory* 2, 2000, 25-42.

Chapters in Books

- "The Optimal Design of Charitable Lotteries: Theory and Experimental Evidence", with John A. List, Michael K. Price, and Shannon Price, 2006, in: D.D. Davis and R. Mark Isaac (eds.) *Research in Experimental Economics*, vol 11. JAI Press, New York, 93-120
- "Institutionenentstehung am Beispiel des Kyoto-Protokolls", with Carsten Vogt, in: Franz U. Pappi, Eibe Riedel, Paul W. Thurner and Roland Vaubel (Hrsg.): Die Institutionalisierung internationaler Verhandlungen, *Mannheimer Jahrbuch für Europäische Sozialforschung Bd. 8*, 2004, Campus, Frankfurt/New York.
- "Emission Taxes for Price Setting Firms: Differentiated Commodities and Monopolistic Competition", with Till Requate, 1999, in: Petrakis, E., Sartzetakis, E.S. und Xepapadeas, A. (eds.): *Environmental Regulation and Market Power*, Edward Elgar, 1-26.

Papers submitted

- "Differentiation of Green Taxes: A Political Economy Analysis for Germany", with Niels Anger and Christoph Böhringer (revise and resubmit at *Journal of Public Economics*).
- "Towards an Analytical Solution of the Core-Periphery Model", with Martin Quaas. (revise and resubmit at *International Regional Science Review*)
- "Charitable Memberships, Volunteering, and Discounts: Evidence from a Large-Scale Online Field Experiment", with Andrew Stocking, NBER Working Paper 14930.
- "What's Wrong with Infinity – A Note on Weitzman's Dismal Theorem", with John Horowitz.
- "On the Endogeneity of Market Power in Emissions Permit Markets"

"The Hidden Costs of Control: Evidence from A Natural Field Experiment", with Craig Landry, John A. List, Michael K. Price, and Nicholas Rupp.

"Land Development Restrictions and Preemptive Action – On the Benefits of Differentiated Regulation" (with Xiangping Liu)

"Auctions With Resale When Private Values Are Uncertain: Theory and Empirical Evidence", with John A. List and Michael K. Price. (NBER Working Paper No. w10639.).

Work in progress (selection)

"Differentiated Public Goods: On the Competition among Charities"

"To Whom to Give or Not to Give at All - On the Interaction of fundraising activities of charities"

"A Dynamic Model for Charitable Fundraising", with Andrew Stocking

"Gender Differences in Public Good Provision: Experimental Evidence from Charitable Lotteries and Tontines," with Michael K. Price.

"Multi-Tasking and Ambiguity", with Tigran Melkonyan

"The Spatial Dimension of Externalities", with Bouwe Dijkstra.

Articles in Newspapers

"Am Emissionshandel führt kein Weg vorbei", with Christoph Böhringer and Ulf Moslener, 20.03.2004, Frankfurter Allgemeine Zeitung, Nr. 68, S. 13 (Ordnung der Wirtschaft)

"EU-Klimaschutzpläne: Kein GAU für die deutsche Industrie", with S. Butzengeiger, A. Michaelowa und M. Stronzik, 26.03.2002, Frankfurter Rundschau, S. 10.

"Handel with Emissionsrechten", with S. Butzengeiger, A. Michaelowa und M. Stronzik, 2002, EUMagazin 6/2002, 14-15.

Research discussed in news

- NBER Digest, August 2009
- Wall Street Journal, 2009
- Philanthropy Journal, May 2009
- FOX Business News, May 2009
- New York Times, 2006
- Handelsblatt, 2005

Teaching experienceUniversity of Maryland

Applied Microeconomics and Price Theory (Spring 2008)

Experimental and Behavioral Economics (PhD, Spring 2006, Spring 2007, Spring 2009)

The Economics of Climate Change (undergraduate class, Fall 2005, Spring 2007, Spring 2008, Spring 2009)

University of Heidelberg

Environmental and Resource Economics (graduate course)

Environmental and Resource Economics for Non-Economists

Reviewer for academic journals and institutions

American Economic Review, American Journal for Agricultural Economics, Australian Resource and Energy Economics, B.E. Journals in Economic Analysis & Policy, Econometrica, Economic Bulletin, Economic Journal, Energy Journal, Environment and Development Economics, Environmental and Resource Economics, European Economic Review, Experimental Economics, International Economic Review, International Journal of Industrial Organization, Journal of Agricultural and Resource Economics, Journal of Economic Geography, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Institutional and Theoretical Economics, Journal of Political Economy, Journal of Public Economics, Journal of Public Economic Theory, Netherlands Organisation for Scientific Research (Social Sciences), Norway Research Council, Oxford Economic Papers, RAND, Resource and Energy Economics, Scandinavian Journal of Economics, Southern Economic Journal.

Editorial Boards and Program Committees

Editorial Council Journal of Environmental Economics and Management

Programme Committee 17th Annual Congress of the European Association of Environmental and Resource Economists, Amsterdam 2009

Programme Committee International Institute of Public Finance Congress, 2009

Programme Committee, Joint Annual Meetings, Canadian Agricultural Economics Society (CAES) and Northeast Agricultural and Resource Economics Association (NAREA), Quebec City, 2009

Conference presentations and seminars (selection)2009

- University of Hamburg, Germany
- 7th Conference on Environment and Resource Economics "Equity in environmental and resource economics", Toulouse, France
- European Association of Environmental and Resource Economists (EAERE), Amsterdam, Netherlands
- Environmental Protection Agency (EPA), Washington DC
- ASSA Meetings, San Francisco (AEA session).

2008

- University of Oldenburg, Germany
- University of California, Berkeley
- University of Munich; Germany
- European Association of Environmental and Resource Economists (EAERE), Gothenburg, Sweden
- University of Hamburg, Germany
- Virginia Commonwealth University, Richmond
- ASSA Meetings, New Orleans (AEA session and ESA session).

2007

- University of Toulouse, France
- TREE Seminar (Duke University, North Carolina State, and RTI)
- University of Oslo
- Workshop on "Policy instruments, technology development, and international cooperation", Centre for Advanced Studies, Asker, Norway
- AAEA Joint Annual Meeting, AERE session, Portland
- European Association of Environmental and Resource Economists (EAERE), Thessaloniki, Greece
- University of Nevada at Reno
- Conference "Auctions with Resale", University of California, Santa Barbara
- W1133 Annual Meetings, Richmond
- Swiss Institute of Technology (ETH), Zurich, Switzerland.

2006

- World Congress Environmental and Resource Economics, Kyoto, Japan
- Conference on "The Private Provision of Public Goods", Cornell University
- Conference on "Learning and Climate Change", International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria.

2005

- World Congress Econometric Society, London
- ARNOVA conference, Washington DC
- Southern Economics Association, Washington DC
- European Association of Environmental and Resource Economists (EAERE), Bremen, Germany
- University of Maryland
- University of Central Florida
- ASSA Meetings, Philadelphia.

2003-2004 (selection)

Verein für Socialpolitik, Dresden (2004); Virginia Commonwealth University, Richmond; Verein für Socialpolitik, Zurich (2003); European Association of Environmental and Resource Economists (EAERE), Bilbao; World Congress of Environmental and Resource Economists, Monterey.