

## Roger H. von Haefen

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- Personal**            *Born May 28, 1970 in Cincinnati, OH*  
*Married, two children*
- Education**        **Duke University**, Durham, NC  
*M.A., Economics, May 1995*  
*Ph.D., Economics, October 1999*
- University of Notre Dame**, Notre Dame, IN  
*B.A., Economics, May 1992*  
*Magna Cum Laude, Phi Beta Kappa*
- Areas of Concentration**    Environmental & Resource Economics, Applied Econometrics, Economic Measurement, Transportation
- Positions Held**        **Assistant Professor**, Department of Agricultural & Resource Economics  
*North Carolina State University, Raleigh, NC, July 2005 – Present*
- Associate Director**, Center for Environmental and Resource Economic Policy  
*North Carolina State University, Raleigh, NC, June 2006 – Present*
- Assistant Professor**, Department of Agricultural & Resource Economics  
*University of Arizona, Tucson, AZ, October 2002 – June 2005*
- Visiting Scholar**, Department of Economics & Center for Environmental Science & Policy  
*Stanford University, Stanford, CA, January 2004 – December 2004*
- Research Economist**, Division of Price & Index Number Research  
*Bureau of Labor Statistics, Washington, DC, October 1999 – October 2002*
- Research Associate**, Center for Environmental & Resource Economics  
*Duke University, Durham, NC, May 1995 – August 1999*
- Instructor**, Benefit-Cost Analysis & Regulatory Reform (advanced undergraduate)  
*Duke University, Durham, NC, Summer 1996*
- Teaching Assistant**, Law & Economics (advanced undergraduate), Introductory Microeconomics (undergraduate) & Introductory Macroeconomics (undergraduate)  
*Duke University, Durham, NC, Fall 1993 – Spring 1996*
- Refereed Publications**    Bento, Antonio M., Lawrence H. Goulder, Mark R. Jacobsen & Roger H. von Haefen. "Distributional and Efficiency Impacts of Increased U.S. Gasoline Taxes," *American Economic Review*, forthcoming.
- von Haefen, Roger H. "Latent Consideration Sets and Continuous Demand System Models," *Environmental and Resource Economics*, forthcoming.
- von Haefen, Roger H. & Daniel J. Phaneuf. "Identifying Demand Parameters in the Presence of Unobservables: A Combined Revealed and Stated Preference Approach," *Journal of Environmental Economics and Management*, forthcoming.
- von Haefen, Roger H. "Empirical Strategies for Incorporating Weak Complementarity into Consumer Demand Models," *Journal of Environmental Economics and Management*, 54(1): 15-31, July 2007.

**Refereed  
Publications  
(cont.)**

- von Haefen, Roger H., D. Matthew Massey, & Wiktor Adamowicz. "Serial Non-Participation in Repeated Discrete Choice Models," *American Journal of Agricultural Economics*, 87(4): 1061-1076, November 2005.
- von Haefen, Roger H., Daniel J. Phaneuf & George R. Parsons. "Estimation and Welfare Analysis with Large Demand Systems," *Journal of Business & Economic Statistics*, 22(2): 194-205, April 2004.
- von Haefen, Roger H. & Daniel J. Phaneuf. "Estimating Preferences for Outdoor Recreation: A Comparison of Continuous and Count Data Demand System Frameworks," *Journal of Environmental Economics & Management*, 45(3): 612-630, May 2003.
- von Haefen, Roger H. & Daniel J. Phaneuf. "A Note on Estimating Nested CES Preferences of Recreation Demand," *American Journal of Agricultural Economics*, 85(2): 406-413, May 2003.
- von Haefen, Roger H. "Incorporating Observed Choice into the Construction of Welfare Measures from Random Utility Models," *Journal of Environmental Economics & Management*, 45(2): 145-165, March 2003.
- von Haefen, Roger H. "A Complete Characterization of the Linear, Log-Linear, & Semi-Log Incomplete Demand System Models," *Journal of Agricultural & Resource Economics*, 27(2): 281-319, December 2002.
- Smith V. Kerry, Roger H. von Haefen & Wei Zhu. "Do Environmental Regulations Increase Construction Costs for Federal Aid Highways? A Statistical Experiment," *Journal of Transportation & Statistics*, 2(1): 45-59, May 1999.
- Smith, V. Kerry & Roger H. von Haefen. "Welfare Measurement and Representative Consumer Theory," *Economics Letters*, 57: 63-67, November 1997.

**Other  
Publications**

- Bento, Antonio M., Lawrence H. Goulder, Emeric Henry, Mark R. Jacobson, & Roger H. von Haefen. "Distributional and Efficiency Impacts of Gasoline Taxes: An Econometrically-Based Multi-Market Study," *American Economic Review, Papers and Proceedings*, 95(2): 282-287, May 2005.
- von Haefen, Roger H. & Daniel J. Phaneuf. "Continuous Demand System Approaches to Nonmarket Valuation," in *Applications of Simulation Methods in Environmental & Resource Economics*, Riccardo Scarpa & Anna Alberini, editors, Springer, Dordrecht, 2005.
- von Haefen, Roger H. "Book Review for Joy Hecht's *National Environmental Accounting*," *BioScience*, 56(3): 6-7, March 2006.

**Working  
Papers**

- von Haefen, Roger H. "Incomplete Demand Systems, Corner Solutions, and Welfare Measurement," May 2007.
- Li, Shanjun, Christopher Timmins & Roger H. von Haefen. "Do Gasoline Prices Affect Fleet Fuel Economy?" August 2007.
- Klaiber, H. Allen & Roger H. von Haefen. "Incorporating Random Coefficients and Alternative Specific Constants into Discrete Choice Models: Implications for In-Sample Fit and Welfare Estimates," November 2007.

**Unpublished  
Manuscripts**

- von Haefen, Roger H. "Reconsidering the Role of the Willig Condition in Non-Market Valuation," July 2006.
- von Haefen, Roger H. & Daniel J. Phaneuf. "Some Alternative Count Data Demand System Models of Recreation Demand," June 2001.
- von Haefen, Roger H. "'Bottom-Up' Discrete-Continuous Demand Models with Binding Non-Negativity Constraints," September 2000.
- von Haefen, Roger H. "Estimating Sample Welfare Statistics from Discrete Choice Random Utility Models of Recreation Demand," February 1999.

**Unpublished Manuscripts (cont.)**

von Haefen, Roger H. "The Welfare Implications of Environmental Integrity for Recreation Site Definition," November 1998.

Smith V. Kerry, Roger H. von Haefen & Wei Zhu. "Environmental Compliance Costs: Where the Rubber Meets the Road," November 1998.

Smith V. Kerry & Roger H. von Haefen. "Legislative Sources of Environmental Regulations and Past Efforts to Measure Their Costs," September 1996.

**Research in Progress**

Count Data Demand System Models with Alternative Specific Constants (with Daniel J. Phaneuf & Christopher Timmins)

Estimating Random Coefficient Models with Large Choice Sets

Stated Consideration Set Models (with D. Matthew Massey & Wiktor Adamowicz)

Non-Additively Separable Continuous Demand System Models

Econometric Models of Automobile Demand (with Emeric Henry)

College Tuition Prices in the 1990s

**Presentations**

**2008**

*W2133 Annual Meetings (Presenter and Discussant)*, Waikoloa, Hawaii; *University of Wyoming*, Laramie, WY; *Colorado State University*, Fort Collins, CO; *University of Colorado*, Boulder, CO; *North Carolina State University*, Raleigh, NC

**2007**

*AERE Sessions at the ASSA Annual Meetings (Presenter and Discussant)*, Chicago, IL; *W1133 Annual Meetings*, Richmond, VA; *Virginia Polytechnical Institute and State University*, Blacksburg, VA

**2006**

*W1133 Annual Meetings*, San Antonio, TX; *University of Alberta*, Edmonton, Alberta; *Revealed Preference Beyond Markets: Micro-econometrics in Environmental Economics Workshop (Lecturer)*, Raleigh, NC

**2005**

*AERE Sessions at the ASSA Annual Meetings (Discussant)*, Philadelphia, PA; *University of California*, Davis, CA; *North Carolina State University*, Raleigh, NC; *AAEA Annual Meetings*, Providence, RI; *Conference on Linking Economic and Ecological Models for Environmental Policy Analysis (Discussant)*, Santa Fe, NM; *NBER Summer Institute on Public Policy and the Environment (Discussant)*, Cambridge, MA; *University of Maryland*, College Park, MD; *Triangle Econometric Conference*, Durham, NC

**2004**

*University of California*, Berkeley, CA; *Stanford University*, Palo Alto, CA; *W-1133 Annual Meetings*, Maui, HI; *University of Nevada*, Reno, NV; *University of New Hampshire*, Durham, NH; *Western Economic Association Annual Meetings*, Vancouver, BC

**2003**

*AERE Sessions at the ASSA Annual Meetings*, Washington, DC; *Stanford University Workshop on Equilibrium Modeling Approaches at the Boundaries of Industrial Organization, Public Economics, & Environmental Economics*, Stanford, CA; *W-1133 Annual Meetings*, Las Vegas, NV; *AAEA Annual Meetings*, Montreal, Canada; *Heartland Environmental Workshop*, Ames, IA; *University of California*, Berkeley, CA; *University of Arizona*, Tucson, AZ

**2002**

*AERE Sessions at the ASSA Annual Meetings*, Atlanta, GA; *Econometric Society European Meetings*, Venice, Italy; *World Congress of Environmental & Resource Economists*, Monterey, CA; *Camp Resources*, Wilmington, NC; *Ohio State University*, Columbus, OH; *University of California*, Santa Barbara, CA; *University of Arizona*, Tucson, AZ

<b>Presentations (cont.)</b>	<p><b>2001</b> <i>AERE Sessions at the ASSA Annual Meetings</i>, New Orleans, LA; <i>University of Colorado Summer Environmental Workshop</i>, Boulder, CO; <i>Western Economic Association Annual Meetings</i>, San Francisco, CA; <i>Camp Resources</i>, Wilmington, NC; <i>Heartland Environmental Workshop</i>, Ames, IA; <i>University of Maryland</i>, College Park, MD; <i>North Carolina State University</i>, Raleigh, NC</p> <p><b>2000</b> <i>University of Colorado Summer Environmental Workshop</i>, Boulder, CO; <i>AAEA Annual Meetings</i>, Tampa, FL; <i>Camp Resources</i>, Wilmington, NC; <i>Heartland Environmental Workshop</i>, Ames, IA; <i>Southern Economic Association Annual Meetings</i>, Washington, DC</p> <p><b>1999</b> <i>AERE Sessions at the ASSA Annual Meetings</i>, New York, NY; <i>NOAA Damage Assessment Center</i>, Silver Spring, MD; <i>Bureau of Labor Statistics</i>, Washington, DC; <i>Charles River Associates</i>, Washington, DC; <i>Camp Resources</i>, Wilmington, NC</p> <p><b>1995-1998</b> <i>Camp Resources</i>, Wilmington, NC (1995-1998); <i>NBER Environmental Economics Summer Institute</i>, Cambridge, MA (1997); <i>North Carolina Center for Transportation and the Environment's Conference on Economics, Transportation &amp; the Environment</i>, Raleigh, NC (1997)</p>
<b>Grants</b>	<p>Co-Investigator, \$1,000,000 Hewlett Foundation grant, 2003-2004.</p> <p>Investigator, \$370,000 Hewlett Foundation grant, 2005-2006.</p> <p>Investigator, \$250,000 Stanford Environmental Initiative grant, 2007-2008.</p> <p>Co-Investigator, \$420,000 EPA grant, 2008-2009.</p> <p>Principal Investigator, \$42,500 Water Resources Research Institute grant, 2008-2009.</p>
<b>Outreach</b>	<p>von Haefen, Roger H. "Can Ethanol End Our Oil Addiction?" <i>NC State Economist</i>, March/April 2007.</p> <p>von Haefen, Roger H. "Let Price Signals Flow to Water Bills," Op-Ed Piece, <i>Raleigh News &amp; Observer</i>, September 31, 2007.</p> <p>Quoted in the <i>Rocky Mount Telegram</i> (June 24, 2007), <i>Raleigh News &amp; Observer</i> (August 21, 2007), <i>Fayetteville Observer</i> (December 5, 2007), <i>WRAL-TV 6pm Newscast</i> (December 18, 2007), <i>Durham Herald-Sun</i> (March 20, 2008).</p>
<b>Referee Work</b>	<p><i>Journal of Environmental Economics &amp; Management</i> (Editorial Council, 2006-Present), <i>Journal of Business &amp; Economic Statistics</i>, <i>Southern Economic Journal</i>, <i>Forest Science</i>, <i>Water Resources Research</i>, <i>Resource &amp; Energy Economics</i>, <i>Environmental and Resource Economics</i>, <i>American Journal of Agricultural Economics</i>, <i>Journal of Agricultural &amp; Resource Economics</i>, <i>Agricultural and Resource Economics Review</i>, <i>Marine Resource Economics</i>, <i>Environmental Economics and Policy Studies</i>, <i>Monthly Labor Review</i>, <i>Scottish Journal of Political Economy</i>, <i>BioScience</i>, <i>Transportation Research Part B</i>, <i>Quarterly Review of Economics &amp; Finance</i>, <i>Addison Wesley</i>, <i>Wiley</i>, <i>Columbia University Press</i></p>
<b>Professional Memberships</b>	<p>Association of Environmental &amp; Resource Economists, European Association of Environmental &amp; Resource Economists, American Economic Association, Econometric Society, American Agricultural Economics Association</p>
<b>Teaching Experience</b>	<p>Benefit-Cost Analysis (advanced undergraduate); Environmental &amp; Resource Economics (Ph.D. &amp; undergraduate); Consumer Economics (master's); Applied Econometrics (master's)</p>
<b>References</b>	<p>Dr. V. Kerry Smith Department of Economics</p>

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**References  
(cont.)**

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