

VITA

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1. **Personal:**
Born 1959, U. S. Citizen.
2. **Education:**
B. A., University of Wyoming, May 1982.
Ph. D., University of Wyoming, May 1987.
3. **Research Interests:**
Environmental and Resource Economics
Health Economics
Applied Econometrics
4. **Employment History:**
University of Texas at Dallas
Assistant Professor of Economics and Political Economy, September 1986 - August 1989.
University of Georgia
Assistant Professor of Economics, September 1989 - June 1994.
University of Southern Mississippi
Assistant Professor of Economics, August 1994 - July 1996.
Associate Professor of Economics, August 1996 – July 2000.
Professor of Economics, August 2000 – August 2001.
BAC Distinguished Research Professor of Economics, August 2000 – August 2001.
University of Central Florida
Professor of Economics, August 2001 – present
Chair, Department of Economics, August 2011 – August 2017 (on leave July 2015 - July 2016)
United States Environmental Protection Agency
Economist (Intergovernmental Personnel Agreement) July 2015 – July 2016

5. **Articles:**

“Systematic Assessment Error and Intrajurisdictional Property Tax Capitalization: Comment,” *Southern Economic Journal*, Vol. 51, No. 3 (January 1985), 886-890. (With S. Gerking)

“Market Transactions and Hypothetical Demand Data: A Comparative Study,” *Journal of the American Statistical Association*, Vol. 82, No. 397 (March 1987), 69-75. (With A. Fisher and S. Gerking)

“Interregional Wage Differentials: An Equilibrium Perspective,” *Journal of Regional Science*, Vol. 27, No. 4 (December 1987), 571-585. (With S. Gerking)

“Benefits of Reduced Morbidity from Pollution Control: A Survey,” Chapter 6 in *Evaluation Methods and Policy-Making in Environmental Economics* (H. Folmer and E. van Ierland, editors), Amsterdam: North Holland Publishers (1989), 105-122. (With S. Gerking)

“Interregional Wage Differentials: A Survey,” Chapter 6 in *Migration and Labor Market Efficiency* (J. van Dijk, H. Folmer, H. Herzog, and A. Schlottman, editors), Dordrecht, The Netherlands: Kluwer Academic Publishers (1989), 111-146. (With S. Gerking)

“Valuing Morbidity: A Household Production Approach,” *Southern Economic Journal*, Vol. 57, No. 3 (January 1991), 690-702. (With S. Gerking)

“Willingness to Pay for Ozone Control: Inferences from the Demand for Medical Care,” *Journal of Environmental Economics and Management*, Vol. 21, No. 1 (July 1991), 1-16. (With S. Gerking)

“Health Benefits of PMP Control: The Case of Stratospheric Ozone Depletion and Skin Damage Risks,” Chapter 7 in *Persistent Pollutants* (J. B. Opschoor and D. W. Pearce, editors), Dordrecht, The Netherlands: Kluwer Academic Publishers (1991), 65-75. (With M. Agee and S. Gerking)

“The Demand for Economics Journals,” *Applied Economics*, Vol. 26, No. 6 (July 1994), 563-565 (With C. DeLorme and D. Kamerschen)

“Price Determination for a Collectible Good: The Case of Rare U. S. Coins,” *Southern Economic Journal*, Vol. 61, No. 1 (July 1994), 40-51. (With C. DeLorme and J. Humphreys)

5. **Articles (Continued):**

“Averting Behavior and Policy Evaluation,” *Journal of Environmental Economics and Management*, Vol. 29, No. 3 (November 1995), 378-392. (With B. Bresnahan)

“Formation of Risk Beliefs, Joint Production and Willingness to Pay to Avoid Skin Cancer,” *The Review of Economics and Statistics*, Vol. 78, No. 3 (August 1996), 451-464. (With S. Gerking)

“Comparing Specific and Ad Valorem Pigouvian Taxes and Output Quotas,” *Southern Economic Journal*, Vol. 63, No. 3 (October 1996), 388-405. (With G. Trandel)

“Hedonic Prices, Goods-Specific Effects and Functional Form: Inferences from Cross-Section Time Series Data,” *Applied Economics*, Vol. 29, No. 2 (February 1997), 239-249. (With C. DeLorme and J. Humphreys)

“Averting Behavior and Urban Air Pollution,” *Land Economics*, Vol. 73, No. 3 (August 1997), 340-357. (With B. Bresnahan and S. Gerking)

“Genetic Risk Factors and Offsetting Behavior: The Case of Skin Cancer,” *Journal of Risk and Uncertainty*, Vol. 15, No. 1 (October 1997), 81-97. (With S. Gerking)

“Interregional Wage Disparities, Relocation Costs, and Labor Mobility in Canada,” *Journal of Regional Science*, Vol. 38, No. 1 (February 1998), 61-87. (With S. Gerking)

“Valuing Public Health Damages Arising from War,” Chapter 20 in *Environmental Consequences of War: Legal, Economic and Scientific Perspectives* (J. Austin and C. Bruch, editors), Cambridge University Press (2000), 501-529.

“Economic Toxicology and Risk Assessment in the United States: Economic and Policy Issues,” Chapter 2 in *Managing Pollution: Economic Valuation and Environmental Toxicology* (C.L. Spash and S. MacNally, editors), Edward Elgar (2001), 30-54.

“Barriers to Professional Entry: How Effective is the 150-Hour Rule?” *Journal of Accounting and Public Policy*, Vol. 21, No. 1 (Spring 2002) 71-93. (With C. T. Grant and C.S. Ciccotello)

5. **Articles (Continued):**

“Will Consult for Food! Rethinking Barriers to Professional Entry in the Information Age,” *American Business Law Journal*, Vol. 40, No. 4 (Summer 2003) 905-939. (With C.S. Ciccotello and C. T. Grant)

“Defensive Behavior and Damage Cost Methods,” Chapter 11 in *A Primer on Nonmarket Valuation*, (P.A. Champ, K.J. Boyle and T.C. Brown, editors), Kluwer Academic Publishers (2003), 395-444.

“Parents’ Valuation of Latent Health Risks to their Children,” Chapter 14 in *Risk and Uncertainty in Environmental and Natural Resource Economics* (J. Wesseler, H-P Weikard and R.D. Weaver, editors), Edward Elgar (2003), 251-78 (With S. Gerking).

“Parental Altruism and the Value of Avoiding Acute Illness: Are Kids Worth More than Parents?” *Journal of Environmental Economics and Management*, Vol. 48, No. 3 (November 2004) 1146-1174. (With V.L. Messman)

“Parental Behavior and the Value of Children’s Health: A Health Production Approach,” *Southern Economic Journal*, Vol. 71, No. 4 (April 2005) 855-872. Awarded Georgescu-Roegen Prize in Economics for the best article in the *Southern Economic Journal* 2004-2005.

“Do Classroom Experiments Increase Learning in Introductory Microeconomics?” *Journal of Economic Education*, Vol. 37, No. 3 (Summer 2006) 267-288.

“Economic Valuation of Health for Environmental Policy: Comparing Alternative Approaches. Introduction and Overview,” *Environmental and Resource Economics*. Vol. 34, No. 3 (July 2006) 339-346. (With J. List)

“Economic Valuation of Children’s Health: Parental Perspectives,” Chapter 3 in *Economic Valuation of Environmental Health Risks to Children*, Organization for Economic Cooperation and Development (2006), 121-158.

“Toward a Formula-Based Model for Academic and Library Funding,” *College and Research Libraries*, Vol. 68, No. 2 (March 2007) 170-181. (With F. Allen)

“Altruism and Environmental Risks to Health of Parents and their Children,” *Journal of Environmental Economics and Management*, Vol. 53, No. 3 (May 2007) 323-341. (With S. Gerking)

5. **Articles (Continued):**

“Family Behavior: Implications for Health Benefits Transfer from Adults to Children,” *Environmental and Resource Economics*, Vol. 43, No. 1 (May 2009) 31-43. (With S. Gerking)

“Willingness to Pay for Improving Fatality Risks and Asthma Symptoms: Values for Children and Adults of All Ages,” *Resource and Energy Economics*, Vol. 33, No. 2 (May 2011) 410-425. (With G.C. Blomquist and R.M. O’Conor)

“Valuing Reductions in Environmental Risks to Children’s Health,” *Annual Review of Resource Economics*, Vol. 5 (2013) 245-260. (With S. Gerking)

“Averting Behavior,” in *Encyclopedia of Energy, Natural Resource, and Environmental Economics* (J.F. Shogren, editor) vol. 3, Elsevier (2013), 321-326.

“Averting Behavior,” in *Environmental and Natural Resource Economics: An Encyclopedia* (J.C. Whitehead and T.C. Haab, editors), Greenwood (2014), 18-20.

“Valuation of Human Health: An Integrated Model of Willingness to Pay for Mortality and Morbidity Risk Reductions,” *Journal of Environmental Economics and Management*, Vol 68, No. 1 (July 2014) 20-45. (With S. Gerking and M. Veronesi)

“Household Decision-Making and Valuation of Environmental Health Risks to Parents and their Children,” *Journal of the Association of Environmental and Resource Economists*, Vol 1, No. 4 (December 2014) 481-519. (With V. Adamowicz, S. Gerking, M. Veronesi and D. Zinner)

“Altruism, Efficiency and Health in the Family,” in *Preference Measurement in Health* (G.C. Blomquist and K. Bolin, editors), an edited volume in the series *Advances in Health Economics and Health Services Research* (series editors M. Grossman, B. Lindgren, R. Kaestner, K. Bolin). Emerald Publishing Group (2014), 1-92. (With M. Salois).

“Baseline Risk and Marginal Willingness to Pay for Health Risk Reduction,” *Journal of Risk and Uncertainty*, Vol. 55, No.2-3 (December 2017): 177-202. (With V. Adamowicz, S. Gerking, and M. Veronesi)

6. **Reports and Other Publications:**

“Estimating Benefits of Reducing Community Low-Level Ozone Exposure,” by A. Coulson, M. Dickie, S. Gerking, W. Schulze, D. Tashkin. Volume III of *Improving Accuracy and Reducing Costs of Environmental Benefit Assessments*, U. S. Environmental Protection Agency, Office of Policy Analysis and Planning, Washington, D. C. (September 1985).

“Laboratory Experimental Economics as a Tool for Measuring Public Policy Values,” by D. L. Coursey, D.S. Brookshire, S. Gerking, D. Anderson, M. Dickie, W.D. Schulze and A. Fisher. Vol. II of *Experimental Methods for Assessing Environmental Benefits*, U. S. Environmental Protection Agency, Office of Policy, Planning and Evaluation, Washington, D. C. (August 1986).

“Valuing Morbidity: An Overview and State of the Arts Assessment,” Vol. I in *Improving Accuracy and Reducing Costs of Environmental Benefit Assessments*, U. S. Environmental Protection Agency, Washington, D. C. (September 1986).

“Value of Avoiding Symptoms of Ozone Exposure: An Application of the Averting Behavior Method,” by M. Dickie, S. Gerking, W. Schulze, A. Coulson and D. Tashkin. Vol. II in *Improving Accuracy and Reducing Costs of Environmental Benefit Assessments*, U. S. Environmental Protection Agency, Office of Policy, Planning and Evaluation Washington, D. C. (September 1986).

“Reconciling Averting Behavior and Contingent Valuation Benefit Estimates of Reducing Symptoms of Ozone Exposure, by M. Dickie, S.D. Gerking, D.S. Brookshire, D. L. Coursey, W.D. Schulze, A. Coulson, and D. Tashkin. A supplementary report in *Improving Accuracy and Reducing Costs of Environmental Benefit Assessments*, U. S. Environmental Protection Agency, Office of Policy, Planning and Evaluation, Washington, D. C. (February 1987). (With Others)

“The Applicability of a Benefits Transfer Based Approach to Assess the Economics Benefits of Reduced Air Toxics Emissions under the Clean Air Act,” Industrial Economics, Inc., Cambridge, Massachusetts (September 1993). (With E. W. Snell and R. E. Unsworth)

“Stratospheric Ozone Depletion, Skin Damage Risks and Protective Action,” by M. Dickie and S. Gerking, in *Improving Environmental Benefit Assessments: Application Studies and Methods Development*, U. S. Environmental Protection Agency, Washington, D. C. (January 1999).

6. **Reports and Other Publications** (Continued):

“Air Pollution, Household Behavior and Children's Health: An Economic Analysis,” by M.Dickie, U. S. Environmental Protection Agency, Washington, D. C. (March 2001).

“Environmental Risks to Children’s Health: Parents Risk Beliefs, Protective Behavior and Willingness to Pay,” U. S. Environmental Protection Agency, Washington, D. C. (February 2006). (With S. Gerking)

“A Consistent Framework for Valuing Latent Morbidity and Mortality Risks to Adults and Children,” U.S. Environmental Protection Agency, Washington, DC (July 2009). (With S. Gerking)

“Morbidity Valuation, Benefit Transfer and Family Behavior,” U.S. Environmental Protection Agency, Washington, DC (June 2011). (With S. Gerking)

7. **Grants and Contracts:**

“Improving Accuracy and Reducing Costs of Environmental Benefits Assessments.” Granting Agency: U. S. Environmental Protection Agency. Contract Period: October 1, 1984 to August 30, 1987. (Research Assistant/Consultant)

“Improving Environmental Benefit Assessments: Application Studies and Methods Development. Granting Agency: U. S. Environmental Protection Agency. Contract Period: October 1, 1987 to September 30, 1989. (Consultant)

“Air Pollution, Household Behavior and Children's Health: An Economic Analysis.” Granting Agency: U. S. Environmental Protection Agency. Contract Period: October 1, 1997 to September 30, 2000. (Project Director / Principal Investigator). Federal funding: \$178,921.

“Workshops on Economic Analysis of Children’s Health for Environmental Policy.” Granting Agency: U. S. Environmental Protection Agency. Contract Period: March 1, 2001 to August 31, 2004. (Project Director). Federal funding: \$132,098.

“Environmental Risks to Children’s Health: Parents’ Risk Beliefs, Protective Actions, and Willingness to Pay.” Granting Agency: U. S. Environmental Protection Agency. Contract Period: April 1, 2001 to September 30, 2005. (Principal Investigator). Federal funding: \$347,372.

7. **Grants and Contracts (Continued):**

“Willingness to Pay to Reduce Asthma Episodes for Adults and Children,” Granting Agency: U. S. Environmental Protection Agency. Contract Period: September 1, 2002 to September 30, 2005. (Principal Investigator). Federal funding: \$152,169.

“A Consistent Framework for Valuing Latent Morbidity and Mortality Risks to Adults and Children,” Granting Agency: U. S. Environmental Protection Agency. Contract Period: November 1, 2004 to October 31, 2008. (Principal Investigator). Federal funding: \$244,519.

“Morbidity Valuation, Benefit Transfer and Family Behavior,” Granting Agency: U. S. Environmental Protection Agency. Contract Period: April 1, 2007 to March 31, 2011. (Principal Investigator). Federal funding: \$466,506

8. **Selected Professional Service:**

Children's Health Protection Advisory Committee, U.S. Environmental Protection Agency. March 1998 – August 2007.

Editorial Council, *Journal of Environmental Economics and Management*, January 1996 – December 1999.

Associate Editor, *Journal of Cost Analysis and Management*, October 2000 – December 2002.

Editorial Board, *Journal of Benefit-Cost Analysis*, July 2018 – present.

9. **Dissertation Committee Chair or Member (Graduation year):**

Santikorn Pamornpathamkul (2011)

Shreejata Samajpati (2014)

Raman Khaddaria (2012)

Shabori Sen (2010)

Patrick Walsh (2008)

10. **Referee for:**

American Economic Review
American Journal of Agricultural Economics
Contemporary Economic Policy
Eastern Economic Journal
Economic Inquiry
Environmental and Resource Economics
Growth and Change
Health Economics
International Regional Science Review
Journal of Development Economics
Journal of Economics and Finance
Journal of Environmental Economics and Management
Land Economics
Resource and Energy Economics
Risk Analysis
Southern Economic Journal
Urban Studies
Water Resources Research

Guest Editor for:

Environmental and Resource Economics, 34:3, July 2006.

11. **Proposal Reviewer:**

U.S. Environmental Protection Agency.
National Science Foundation

12. **Member:**

American Economic Association
Association of Environmental and Resource Economists
Society for Benefit Cost Analysis

13. **Awards:**

University of Southern Mississippi College of Business: Louis K. Brandt Faculty Research Award, 1996-1997.

University of Southern Mississippi: Faculty Excellence Award for Applied Research, 2000.

University of Southern Mississippi College of Business: Business Advisory Council Research Professor, 2000 – 2001.

Southern Economic Association: Georgescu-Roegen Prize in Economics for the Best Article in the *Southern Economic Journal* 2004-2005.

University of Central Florida: Research Incentive Award, 2006.

14. **References:**

Available on request.