

# Kurt Erik Schnier

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Department of Economics  
Andrew Young School of Policy Studies  
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## EDUCATION

<b>Ph.D., Economics</b>	UNIVERSITY OF ARIZONA	(May 2003)
<b>M.A., Environmental Studies</b>	UNIVERSITY OF PENNSYLVANIA	(May 1999)
<b>B.S., Management Sciences</b>	UNIVERSITY OF CALIFORNIA AT SAN DIEGO	(June 1995)

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## PROFESSIONAL POSITIONS AND APPOINTMENTS

2008-present	Associate Professor; Director of Graduate Studies Georgia State University Department of Economics Andrew Young School of Policy Studies
2003-2008	Assistant Professor University of Rhode Island Department of Environmental and Natural Resource Economics
2010-present	Senior Research Fellow, The Property and Environment Research Center (PERC), Bozeman, MT
2009-present	Social and Economic Technical Advisory Panel, South Atlantic Fishery Management Council
2009-present	Social and Economic Technical Advisory Panel, Gulf of Mexico Fishery Management Council
2007-present	Associate Editor <i>Marine Resource Economics</i>

## SELECTED HONORS AND AWARDS

### *Lone Mountain Fellowship*

Property and Environment Research Center (PERC), Bozeman, MT, 2007, 2009, 2010

### *Teaching Excellence Award*

College of the Environment and Life Sciences, University of Rhode Island, 2007

*Outstanding Dissertation*  
American Agricultural Economics Association, 2004

*Award for Meritorious Performance in Teaching*  
University of Arizona Foundation, 2002

*Third Year Paper Award (co-recipient)*  
University of Arizona, Department of Economics, 2002

*George W. Coleman Fellowship*  
University of Arizona, Department of Economics, 2001-2003

*Elmer Brown Fellowship*  
University of Arizona, Department of Economics, 2002

### **PEER-REVIEWED PUBLICATIONS**

Turgeon, N., Schnier, K. and B. Kaplan. "Risky Business: Models of Risk in Transplant," forthcoming in *American Journal of Transplantation*.

Schnier, K.E. and R.G. Felthoven. "Production Efficiency and Exit in Rights-Based Fisheries," forthcoming in *Land Economics*.

Schnier, K.E., Cox, J.C., McIntyre, C., Ruhil, R., Sadiraj, V. and N. Turgeon. 2013. "Transplantation at the Nexus of Behavioral Economics and Healthcare Delivery," *American Journal of Transplantation* 13: 31-35.

Haab, T., Hicks, R., Schnier, K. and J. Whitehead. 2012. "Angler Heterogeneity and the Species-Specific Demand for Marine Recreational Fishing," *Marine Resource Economics* 27: 291-51.

Kassin, M.T., Owen, R.M., Perez, S., Leeds, I., Cox, J.C., Schnier, K.E., Sadiraj, V. and J.E. Sweeney. 2012. "Identification of Risk Factors for 30-Day Hospital Readmission Among General Surgery Patients," *Journal of the American College of Surgeons* 215(3): 322-30.

Isaac, M. R., Pevnitskaya, S. and K. E. Schnier. 2012. "Individual Behavior and Bidding Heterogeneity in Sealed Bid Auctions Where the Number of Bidders Is Unknown," *Economic Inquiry* 50(2): 516-533.

Hicks, R.L., Horrace, W.C. and K.E. Schnier. 2012. "Strategic Substitutes or Complements: The Game of Where to Fish?," *Journal of Econometrics* 168(1): 70-80.

Flores-Lagunes, A. and K. E. Schnier. 2012. "Estimation of Sample Selection Models with Spatial Dependence," *Journal of Applied Econometrics* 27(2): 173-204.

Hanson, A., Schnier, K.E. and G. Turnbull. 2012. "Drive 'Til You Qualify: Residential Sorting in Suburbia," *Regional Science and Urban Economics* 42: 63-77.

Schnier, K.E. and R.G. Felthoven. 2011. "Accounting for Spatial Heterogeneity and Autocorrelation in Spatial Discrete Choice Models: Implications for Behavioral Predictions," *Land Economics* 87: 382-402.

- Horrace, W. C. and K. E. Schnier. 2010. "Fixed-Effect Estimation of Highly-Mobile Production Technologies," *American Journal of Agricultural Economics* 92(5): 1432-55.
- Hicks, R.L. and K.E. Schnier. 2010. "Spatial Regulations and Endogenous Consideration Sets in Fisheries," *Resource and Energy Economics* 32: 117-34.
- Haynie, A., Hicks, R.L. and K.E. Schnier. 2009. "Common Property, Information and Cooperation: Commercial Fishing in the Bering Sea," *Ecological Economics* 69: 406-413.
- Felthoven, R. G., Horrace, W.C. and K. E. Schnier. 2009. "Estimating Heterogeneous Capacity and Capacity Utilization Measures in a Multi-Species Fishery," *Journal of Productivity Analysis* 32:173-189.
- Schnier, K. E. 2009. "Spatial Externalities and the Common-Pool Resource Mechanism," *Journal of Economic Behavior and Organization* 70: 402-415.
- Hicks, R. L. and K. E. Schnier. 2008. "Eco-labeling and Dolphin Avoidance: A Dynamic Model of Tuna Fishing in the Eastern Tropical Pacific," *Journal of Environmental Economics and Management* 56: 103-116.
- Flores-Lagunes, A., Horrace, W. C. and K. E. Schnier. 2007. "Identifying Technically Efficient Fishing Vessels: A Non-Empty, Minimal Subset Approach," *Journal of Applied Econometrics* 22:729-45.
- Hicks, R. L. and K. E. Schnier. 2006. "Dynamic Random Utility Modeling: A Monte Carlo Analysis," *American Journal of Agricultural Economics* 88(4) 816-835.
- Isaac, R. M. and K. E. Schnier. 2006. "Sealed Bid Variations on the Silent Auction," in Doug Davis, et al. eds. *Research in Experimental Economics* Vol. 11 (Amsterdam:Elsevier), pgs. 31-46.
- Schnier, K. E. and C. M. Anderson. 2006. "Decision Making in Patchy Resource Environments: Spatial Misperception of Bioeconomic Models," *Journal of Economic Behavior and Organization* 61: 234-54.
- Holland, D. S. and K. E. Schnier. 2006. "Modeling a Rights-Based Approach for Managing Habitat Impacts of Fisheries," *Natural Resource Modeling* 19(3): 405-435.
- Holland, D. S. and K. E. Schnier. 2006. "Protecting Marine Biodiversity: A Comparison of Individual Habitat Quotas and Marine Protected Areas," *Canadian Journal of Fisheries and Aquatic Sciences* 63(7):1481-1495.
- Holland, D. S. and K. E. Schnier. 2006. "Individual Habitat Quotas for Fisheries," *Journal of Environmental Economics and Management* 51(1): 72-92.
- Isaac, R. M. and K. E. Schnier. 2005. "Silent Auctions in the Field and in the Laboratory," *Economic Inquiry* 43(4): 715-733.

Schnier, K. E. 2005. "Biological 'Hot Spots' and Their Effect on Optimal Bioeconomic Marine Reserve Formation," *Ecological Economics* 52: 453-468; Addendum 54:111-13.

#### **NON-REFEREED PUBLICATIONS**

Schnier, K. E. 2004. "Marine Protected Areas: Identifying Their Niche in Fisheries Policy," *Korean Maritime Institute, Vol. 12*.

Holland, D.S. and K. E. Schnier. 2004. "Individual Habitat Quotas for Fisheries," *International Institute for Fisheries Economics and Trade, Proceedings, Japan*.

#### **SELECTED WORKING PAPERS AND SUBMISSIONS**

Balthrop, A. and K.E. Schnier. "A Regression Discontinuity Approach to Oil and Natural Gas Regulation," *under review*.

Mothorpe, C., Hanson, A. and K.E. Schnier. "The Impact of Interstate Highways on Land Use Conversion," *under review*.

Yates, A.J., Doyle, M., Rigby, J.R. and K.E. Schnier. "Market Power, Private Information, and the Optimal Scale of Pollution Permit Markets for North Carolina's Neuse River," *under review*.

Doyle, M., Rigbee, J.R., Schnier, K.E. and A.J Yates. "Bilateral Oligopoly in Pollution Permit Markets: Experimental Evidence," *under review*.

Horrace, W.C. and K.E. Schnier. "Selection Procedures for Policy Analysis: Fishery Capacity Utilization and Risk," *under review*.

Banzhaf, H.S., Fitzgerald, T. and K. Schnier. "Property Rights and Public Economic Theory Perspectives on Non-Regulatory Approaches to the Environment: An Introduction and Synthesis," *under review*.

Li, D., Hawley, Z., and K.E. Schnier. "Increasing Organ Donation via Changes in the Default Choice or Allocation Rule," *under review*.

Cox, J.C., Schnier, K.E., Sadiraj, V., Leeds, I. and J.F. Sweeney. "Avoiding Readmissions Through Evidence-Based Patient Discharge," *In progress*.

Cox, J.C., Sadiraj, V., Schnier, K.E. and N. Turgeon. "Loss Aversion and Organ Utilization," *In progress*.

Schnier, K.E., McIntyre, C, Ruhil, R., Sadiraj, V., Cox, J.C. and N. Turgeon. "An Unintended Consequence of Quality Improvement: Longer Waiting Times," *In progress*.

Schnier, K.E., McIntyre, C, Ruhil, R., Sadiraj V., Cox, J.C. and N. Turgeon. "Behavioral Implications of the SRTR Review Criteria on Organ Utilization," *In progress*.

S. Laury, Schnier, K.E. and R. Tchernis. "Will Girls be Girls? Risk Taking and Competition in Single Gender Girls' Schools," *In progress*.

Bhattacharjee, A., Hicks, R.L. and K.E. Schnier. "Uncovering Clubs and Congestion Effects," *In progress*.

Schnier, K.E., Felthoven, R.G. and J. Lee. "Cooperative Formation and Peer Effects in Fisheries," *In progress*.

Schnier, K.E., Hicks, R.L., Adams, C. and S. Larkin. "A Dynamic Model of Intra-Annual Species Selection in Fisheries," *In progress*.

Horrace, W. C. and K. E. Schnier. "Estimating Measures of Spatial Efficiency for Highly-Mobile Production Technologies," *In progress*.

Schnier, K.E., Horrace, W.C. and R.G. Felthoven. "The Value of Statistical Life: Pursuing the Deadliest Catch," *In progress*.

## **RESEARCH FUNDING**

National Institute of Health (NIH)

\$1,171,865.00 (09/10-08/13) "Uptake of Comparative Effective Research: Implications for Discharge Decision."

Principle Investigators: James C. Cox, John Sweeney; Co-Investigators: Judy Lewis, David McClusky, Marc Overcash, Vjollca Sadiraj, Kurt Schnier.

Georgia Sea Grant

\$119,133 (02/10-02/13) "Modeling Spatial and Temporal Land Use Patterns in Coastal Georgia"

Principal Investigators: Andrew Hanson and Kurt E. Schnier.

NSF, National Science Foundation

\$199,861 (09/09-08/13) "Collaborative Research: The Proper Scale of Environmental Markets with Application to Nitrogen Trading in the Neuse River Basin"

Principal Investigators: Martin Doyle, Andrew Yates and Kurt E. Schnier.

NFS, National Science Foundation

\$108,000 (09/07-12/08) "Occupational Risk and Rights-Based Fisheries Policy: Studying Changes in the Deadliest Catch"

Principal Investigators: William C. Horrace and Kurt E. Schnier.

MARFIN, National Marine Fisheries Service

\$77,987 (\$13,454 URI subcontract) (05/06-05/08) "Angler Heterogeneity and the Species-Specific Demand for Recreational Fishing in the Southeast United States"

Principle Investigators: Timothy Haab, Robert Hicks, Kurt Schnier, and John Whitehead.

USDA, Program of Research on the Economics of Invasive Species Management.

\$220,000 (10/04-9/06) "A Risk-Based Approach to Management of Intentional Introduction of Non-Native Species." Principle Investigator: James J. Opaluch; Co-Investigators: James L. Anderson and Kurt Schnier.

USDA, Cooperative State Research, Education, and Extension Service  
\$600,000 (01/05-01/08) “Validating Best Forest Management Practices Around Vernal Pools:  
Amphibian Metapopulations, Harvester Adoption Costs and Public Values.”  
Principle Investigators: Stephen Swallow and Peter Paton; Co-Investigators: Christopher  
Anderson, James Opaluch and Kurt Schnier.

## **PRESENTATIONS**

*2012*

American Transplantation Congress, Boston MA  
University of Georgia, Athens, GA

*2011*

University of Arizona, Tucson, AZ  
University of California at Santa Barbara, Santa Barbara, CA  
University of Washington, Seattle WA

*2010*

Southern Economic Association, Atlanta, GA  
University of Mississippi, Oxford, MS  
University of Arizona, Tucson, AZ  
W2133 Annual Meeting, Tucson, AZ

*2009*

University of Arizona, Tucson, AZ.  
Innovations in Property Rights for Fisheries Management Workshop, Santa Barbara, CA  
North American Association of Fisheries Economists Conference, Newport, RI  
Triangle Resource and Environmental Economics Seminar Series, Raleigh, NC  
University of Stavanger, Stavanger, Norway

*2008*

Association of Environmental and Resource Economics, Workshop on Health and the  
Environment, Berkeley CA  
Property and the Environment Research Center (PERC), Bozeman, MT  
University of Florida, Gainesville, FL  
University of Georgia, Athens, GA  
University of Wyoming Workshop on Spatial Environmental Economics, Centennial, WY

*2007*

American Fisheries Society Annual Meeting, San Francisco, CA  
Georgia State University, Atlanta, GA  
Property and the Environment Research Center (PERC), Bozeman, MT  
Southern Economic Association, New Orleans, LA  
University of California at Davis, Davis, CA  
University of Tennessee, Knoxville, TN  
University of Washington, Seattle, WA  
University of Wisconsin, Madison WI

*2006*

American Agricultural Economics Association, Long Beach, CA  
13th Biennial Conference of the International Institute of Fisheries Economics and Trade,  
Portsmouth, England  
LTER (Long-Term Ecological Research) All Scientists Meeting, Estes Park, CO  
Montana State University, Bozeman, MT

*2005*

North American Association of Fisheries Economists Conference, Vancouver, British Columbia  
3<sup>rd</sup> Workshop on Spatial-Dynamic Models of Economics and Ecosystems: International Center  
for Theoretical Physics, Trieste, Italy

University of Wyoming, Laramie, WY

2004

Experiments in Natural Resource Economics: Fisheries and Energy Workshop, Akureyri, Iceland

MOTE Marine Laboratory Symposium, Sarasota, FL

University of Arizona, Tucson, AZ

University of Massachusetts – Amherst, MA

2003

Appalachian State University, Boone, NC

Eastern Carolina University, Greenville, NC

University of Indiana, Bloomington, IN

University of New Mexico, Albuquerque, NM

University of Rhode Island, Kingston, RI

2002

Economic Science Association, Boston MA

Sothern Economic Association, New Orleans LA

### **ACADEMIC DUTIES**

#### ***Teaching – (Course; Semester and Year; Overall Teacher Rating)***

Department of Economics – Andrew Young School of Policy Studies – Georgia State University

Environment and Resource Economics I (ECON 9310)

Spring 2010 (5/5); Spring 2012 (4.9/5)

Applied Microeconomic Analysis (ECON 8100)

Spring 2009 (4.3/5); Spring 2010 (4.7/5); Fall 2010 (4.7/5); Spring 2012 (4.6/5)

Environmental and Natural Resource Economics (ECON 8320)

Fall 2008 (5/5); Fall 2010 (4.5/5)

Environmental Economics and Policy (ECON 4220)

Fall 2008 (4.3/5); Maymester 2009 (4.6/5); Fall 2009 (4.9/5); Maymester

2010 (4.9/5); Fall 2010 (4.2/5); Maymester 2012 (4.9/5)

Principals of Macroeconomics (ECON 2105)

Fall 2009 (4.4/5)

Department of Environmental and Natural Resource Economics – University of Rhode Island

Advanced Topics in Natural Resource Economics (REN-634)

Fall 2004 (N/A); Fall 2005 (N/A); Spring 2006 (4.79/5); Spring 2007 (4.71/5)

Computer Simulation Methods (REN-522)

Spring 2005 (N/A)

Environmental Economics and Policy (REN-432/532)

Spring 2004 (4.72/5); Spring 2005 (4.92/5); Spring 2006 (4.75/5);

Spring 2007 (4.83/5); Spring 2008 (N/A)

Introduction to Resource Management and Conservation (REN-205)

Fall 2004 (4.88/5); Fall 2005 (4.73/5); Spring 2007 (4.55/5); Spring 2008 (N/A)

Introduction to Resource Economics (REN-105)

Spring 2004 (4.49/5); Fall 2007 (N/A)

Department of Agricultural and Resource Economics – University of Arizona

Economics of Environmental Resource Conservation (AREC-377)

Spring 2002, (4.75/5)

Production Economic Analysis (AREC-404)

Fall 2002, (N/A)

Department of Economics – University of Arizona

Applied Microeconomics (ECON-300)

Summer Session I 2003 (N/A); Summer Session II 2002 (4.54/5);

Summer II 2002(4.57/5); Pre-Session 2002 (4.25/5);

Winter Session 2001 (4.49/5); Summer Session II 2001 (4.29/5);

Summer Session II 2000 (4.76/5)

Intermediate Microeconomics (ECON-361)

Summer Session I 2003 (N/A); Spring 2002 (4.50/5); Pre-Session 2001 (4.50/5)

Introduction to Macroeconomics (ECON-101B)

Summer Session II 2001 (5.00/5)

Pima Community College

Introduction to Microeconomics (ITV- Interactive Learning Course)

### ***Graduate Advising***

#### Supervisor

Andrew Balthrop (Ph.D.); Claudia Makeyev (MESM); William Martin (Ph.D.); Marietou Ouayogode (Ph.D.); Sean O'Neil (M.S.)

#### Committee Member

Abigail Anthony (Ph.D.); Dana Bauer (Ph.D.); Boaz Borak (Ph.D.); Alexander Brumlik (Ph.D.); Gabi Dobrot (Ph.D.); Matthew Freeman (Ph.D.); William Holmes (Ph.D.); Erica Meyers (M.S.); Gina Shamshak (Ph.D.); Urmimala Sen (Ph.D.)

### ***Other Responsibilities***

2010-present Director of Ph.D. Graduate Studies – Georgia State University; Department of Economics

2009-present Faculty Representative – Graduate Student Association Economics Department; Georgia State University

2006-2008 Graduate Admissions Director – University of Rhode Island; Department of Environmental and Natural Resource Economics

## **PROFESSIONAL INFORMATION**

### Membership

American Economic Association, American Agricultural Economics Association, Association of Environmental and Resource Economists, North American Association of Fisheries Economists, The Econometric Society.

### Reviewer

*Agricultural and Resource Economics Review, American Journal of Agricultural Economics, Canadian Journal of Fisheries and Aquatic Science, Conservation Letters, Ecological Economics, Economic Development and Cultural Change, Economic Inquiry, Environment and Development Economics, Environmental and Resource Economics, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Great Lakes Research, Journal of Park and Recreation Administration, Journal of Productivity Analysis, Land Economics, Marine Resource Economics, Natural Resource Modeling, North American Journal of Fisheries Management, NonProfit Policy Forum, Proceedings of the National Academy of Sciences, Resource and Energy Economics, Review of Environmental Economics and Policy, Journal of Theoretical Biology, Water Resources Research*