

Gina Louise Shamshak

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EDUCATION:

University of Rhode Island, Kingston, RI

Ph.D. (ABD), Environmental and Natural Resource Economics

Dissertation Topic: "Economic Study of Offshore Bluefin Tuna Aquaculture in the US"

Dissertation Committee: James L. Anderson (Advisor), Cathy Roheim, David Bengtson

Expected Date of Graduation: May 2009

Boston University, Boston, MA

Dual Degree Program

Master of Arts, Economics, September 2001

Bachelor of Arts, Economics, September 2001

Minor in Environmental Analysis and Policy

GRANTS & AWARDS:

2006-2008 NOAA Research Grant, Economics of Bluefin Tuna Aquaculture (\$65,000)
2006-2008 Tuition Waivers from URI to complement NOAA Research Grant (\$45,000)
2005-2006 National Sea Grant Dean John A. Knauss Marine Policy Fellowship (\$45,000)
2004-2005 University of Rhode Island Graduate Tuition Scholarship
1997-2001 Boston University Cardinal Medeiros Full Tuition Scholarship

TEACHING EXPERIENCE:

2008-2009 *Instructor*
EEC 105: Introduction to Environmental and Resource Economics
University of Rhode Island, Kingston, RI
Taught two sections in the fall semester with a total enrollment of 180 students.

2007-2008 *Guest Lecturer*
EEC 514: Economics of Marine Resources (Four classes)
EEC 441: Markets, Trade and Natural Resources (Two classes)
University of Rhode Island, Kingston, RI
Delivered guest lectures covering multiple topics, including principles of microeconomics, environmental and resource economics, and optimal management of renewable and non-renewable resources.

- 2006-2007 *Instructor*
EEC 514: Economics of Marine Resources
University of Rhode Island, Kingston, RI
Taught a graduate level economics course with an enrollment of 16 students.
- 2003-2004 *Guest Lecturer*
EEC 514: Economics of Marine Resources
University of Rhode Island, Kingston, RI
Delivered a guest lecture on Fisheries Economics.
- 2001-2002 *Adjunct Faculty*
Introduction to Macroeconomics
Introduction to Statistics
Bay State College, Boston, MA
Instructor of record for two principles courses.
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PROFESSIONAL EXPERIENCE:

- 2002-2008 *Graduate Research Assistant*, University of Rhode Island, Kingston, RI
NOAA Grant: “Economics of Bluefin Tuna Aquaculture” (2006-2008)
NOAA Grant: “National Offshore Aquaculture Report” (2004-2005)
Korea-America Joint Marine Policy Research Center: “Marine Sand Mining
Project” (2003-2004)
URI Transportation Center Transportation Grant: “Container Port Development”
(2002-2003)
- 2005-2006 *Knauss Sea Grant Fellow*, National Marine Fisheries Service, Washington, DC
One-year appointment at the National Marine Fisheries Service, Office of
Constituent Services.
- 2001-2002 *Economist*, U.S. Department of Labor, Bureau of Labor Statistics, Boston, MA
Economic Analysis and Information Division
Provided economic analysis of leading US economic indicators published
by the BLS.
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PEER REVIEWED PUBLICATIONS:

Shamshak, Gina L. and James L. Anderson. 2008. “Chapter 4: Future Aquaculture Feeds and Feed Costs: The Role of Fish Meal and Fish Oil.” In *Offshore Aquaculture in the United States: Economic Considerations, Implications and Opportunities*. National Oceanic and Atmospheric Administration National Aquaculture Program Silver Spring, MD. July 2008.

Shamshak, Gina L. and James L. Anderson. 2008. “Chapter 5: Lessons From the Development of the US Broiler and Catfish Industries: Implications for Offshore Aquaculture in the United States” In *Offshore Aquaculture in the United States: Economic Considerations, Implications and Opportunities*. National Oceanic and Atmospheric Administration National Aquaculture Program Silver Spring, MD. July 2008.

Anderson, James L. and **Gina L. Shamshak**. 2008. “Chapter 11: Future Markets for Aquaculture Products” In *Offshore Aquaculture in the United States: Economic Considerations, Implications and Opportunities*. National Oceanic and Atmospheric Administration National Aquaculture Program Silver Spring, MD. July 2008.

SUBMISSIONS AND WORKING PAPERS

Shamshak, Gina L. and James L. Anderson. Application of a Dynamic Stochastic Adaptive Bioeconomic Model to Evaluate the Economics of Offshore Bluefin Tuna Aquaculture. *Aquaculture Economics and Management*. Under review.

Shamshak, Gina L. and James L. Anderson. The Importance of Getting the Fisheries Management Right: The Experience of Bluefin Tuna Farming in Australia and the Mediterranean.” Working paper.

Shamshak, Gina L. and James L. Anderson. 2007. “Managing for Sustainability: The Role of the Government in Establishing a Sustainable Aquaculture Industry.” Working paper.

REPORTS AND CONFERENCE PROCEEDINGS

Shamshak, Gina L. and James L. Anderson. 2008. Application of a Dynamic Stochastic Adaptive Bioeconomic Model to Evaluate the Economics of Offshore Bluefin Tuna Aquaculture. *International Institute for Fisheries Economics and Trade 2008 Nha Trang Proceeding*.

Kristofersson, Dadi. **Gina L. Shamshak**, and James L. Anderson. 2006. The Relationship between Fisheries and Farming. *International Institute for Fisheries Economics and Trade 2006 Portsmouth Proceedings*.

Ward, John M., Metzner, Rebecca, Keithly, Walter, **Shamshak, Gina L.**, and Greg Schneider. 2006. “United States Domestic Fisheries Experiences in the Transition to Rational Fisheries” In Bertrand Le Gallic (Ed.) *Using Market Mechanisms to Manage Fisheries: Smoothing the Path. OECD Publication*.

Grigalunas, Thomas A. and **Gina L. Shamshak**. 2004. “Financial-Economic-Environmental Framework for Assessing Marine Sand and Gravel Mining in Korea’s EEZ: Phase I Report”, Korea Maritime Institute.

Opaluch, James J., Grigalunas, Thomas, Luo, Meifeng and **Gina L. Shamsak**. 2003. "Comparison of the Economic Costs to Fisheries for Alternative Long Term Dredge Material Disposal Sites in RI Sound." Duxbury, MA: Battelle Memorial Institute.

BOOK REVIEWS

Shamsak, Gina L. Forthcoming 2008. "Book Review: Institutional Economics and Fisheries Management: The Case of Pacific Tuna" *Marine Resource Economics* 23(2):XXX-XXX

PRESENTATIONS:

Shamsak, Gina L. and James L. Anderson. 2008. "The Economics of Aquaculture Feeds: Current and Future Trends." To be presented at the 37th US-Japan Natural Resources Panel on Aquaculture. Yokohama, Japan. October 27 - November 1, 2008.

Shamsak, Gina L. and James L. Anderson. 2008. "Application of a Dynamic Stochastic Adaptive Bioeconomic Mode to Evaluate the Economics of Offshore Bluefin Tuna Aquaculture." Presented at the biennial conference of the International Institute for Fisheries Economics and Trade (IIFET). Nha Trang, Vietnam. July.

Shamsak, Gina L. and James L. Anderson. 2007. "Managing for Sustainability: The Role of the Government in Establishing a Sustainable Aquaculture Industry." Presented at the biennial conference of the North American Association of Fisheries Economics (NAAFE), Merida, Mexico, March.

PROFESSIONAL MEMBERSHIPS AND SERVICE:

International Institute of Fisheries Economics and Trade (IIFET)
North American Association of Fisheries Economists (NAAFE)
American Agricultural Economics Association (AAEA)
World Aquaculture Society (WAS)
United States Aquaculture Society (USAS)
Marine Resource Economics (Reviewer)

REFERENCES:

Dr. James L. Anderson
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University of Rhode Island
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Kingston, RI 02881
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Email: jala@uri.edu

Dr. Christopher M. Anderson
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Dr. Cathy Roheim
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