

Ronald L. Horst, Ph.D.
Inforum – Department of Economics
University of Maryland

PROFESSIONAL EXPERIENCE

Inforum – Department of Economics
Faculty Research Associate

University of Maryland
December 2006 to Present

Develops and maintains Inforum's proprietary statistical and modeling software packages and web site. Provides training and support in the application of Inforum software and its use in economic analysis. Contributions to Inforum's U.S. models include data development and estimation of investment, labor productivity, and consumption equations. Maintains the Lift model of 110 sectors and the Iliad model of 360 industries and produces semi-annual forecasts. Completes monthly forecast updates to support Inforum participation in several professional surveys. Designs and executes consulting projects, including provision of detailed NAICS industry forecasts, regional freight flow projections, and infrastructure maintenance and development.

Inforum – Department of Economics
Research Assistant

University of Maryland
2001-2002, June 2003 to November 2006

Developed, maintained, and supported use of Inforum's proprietary statistical and modeling software packages. Contributed to development and maintenance of Inforum's U.S. Model. Designed and built a model of the Spanish region of Andalucia.

Department of Economics
Lecturer

University of Maryland
2002-2003

Taught Intermediate Macroeconomic Theory and Policy as a Teaching Assistant (Fall 2002) and as a lecturer (Spring 2003).

EDUCATION

University of Maryland, Ph.D. Economics, 2006

University of Maryland, M.A. Economics, 2002

Millersville University of Pennsylvania, B.A. Economics, 1999

PAPERS

"[The Supply Side of Health Care](#)," joint with Jeffrey Werling, Sean Keehan, Douglas Nyhus, Stephen Heffler, and Douglas Meade. Published in the *Survey of Current Business*. Prepared with support from the Office of the Actuary in the Centers for Medicare and Medicaid Services. April 2014.

"[Inforum Software Development in 2013](#)." Prepared for the [2013 Inforum World Conference](#) in Listvyanka, Russia, September 2013.

Contributor to the "[Failure to Act: The Economic Impact Of Current Investment Trends in Airports, Inland Waterways, and Marine Ports Infrastructure](#)," sponsored by the [American Society of Civil Engineers](#) and conducted in support of the [Economic Development Research Group](#). September 13, 2012.

"[Defense Spending Cuts: The Impact on Economic Activity and Jobs](#)." Presented at the [2012 Inforum World Conference](#) in Florence, Italy, September 2012. A summary of [work completed for the National Association of Manufacturers](#) in the summer of 2012.

"[Inforum in 2012: Information and Technology](#)." Presented at the [2012 Inforum World Conference](#) in Florence, Italy, September 2012.

"Inforum Software Development in 2011." Prepared for the Inforum World Conference in Hazyview, South Africa, 2011.

Contributor to "[Failure to Act: The Economic Impact of Current Investment Trends In Surface Transportation Infrastructure](#)," sponsored by the American Society of Civil Engineers and conducted in support of the Economic Development Research Group. Published Summer 2011.

Contributor to "[CEIR Index Report: An Analysis of the 2010 Exhibition Industry and Future Outlook](#)," sponsored by the Center for Exhibition Industry Research. Published Spring 2011.

"Computational Models of Religious Terrorists and Their Organizations." Presented at the 2011 annual meeting of the Association for the Study of Religion, Economics, and Culture, April 7-10, 2011.

"Updates to G7, Compare, and the Inforum Website." Joint with Troy Wittek. Presented at the Inforum World Conference in Hikone, Japan, 2010.

"Does Theology Matter? A Theoretical Look at Religious Terrorists and Their Organizations." Presented at the 2010 annual meeting of the Association for the Study of Religion, Economics, and Culture, June 30-July 3, 2010.

"A Software Development Summary for the 2009 Inforum World Conference." Paper presented at the Inforum World Conference XVII in Jurmala, Latvia. 2009.

Contributor to "[The Balancing Act: Climate Change, Energy Security and the U.S. Economy](#)," organized by the Business Roundtable. Released June 25, 2009.

"Suicidal Terrorism and Benevolent Alternatives: A Model of Economics and Religion." Presented at the 2009 annual meeting of the Association for the Study of Religion, Economics, and Culture, April 3-5, 2009.

Werling, Jeffrey, and Ronald Horst. "Macroeconomic and Industry Impacts of 9/11: An Interindustry Macroeconomic Approach." *Peace Economics, Peace Science, and Public Policy*, Vol. 15:Iss. 2, Article 5, 2009.

"The Economics of Nuclear Power." Ph.D. Dissertation: University of Maryland, 2006.

"G7 Updates for 2006." Recent Developments in INFORUM-type Modeling. Eds. Mariusz Plich and Michał Przybyliński. Łódź: Łódź University Press, 2007. 193-199. Proceedings of the Fourteenth INFORUM World Conference.

"A G7 Update for Inforum World Conference XIII." Paper presented at the Inforum World Conference XIII by Jeffrey Werling. 2005.

"G7 Extensions: Matrix Operations and Quadratic Programming." Paper presented at the Inforum World Conference XII. 2004.

"Consumption Equations in *IdLift*: Extensions and Revisions," Inforum working paper WP #02-007, 2002.

"Investment in Structures in *IdLift*," Inforum working paper WP #02-004, 2002.

"Solution Methods for Structural Models," Inforum working paper WP#02-003, 2002.

"An Empirical Analysis of Bank Deposits Market," Proceedings of the Pennsylvania Economic Association, 1998 Conference. Joint with Marvin Margolis, Millersville University.

PROFESSIONAL ASSOCIATIONS

National Association of Business Economists.

International Input-Output Association.

Association for the Study of Economics, Religion, and Culture.