

## CURRICULUM VITAE OF JOSEPH V. TERZA

June 2010

### Contact Information:

Department of Economics  
The University of North Carolina at Greensboro  
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Website: <http://www.uncg.edu/bae/people/terza/publications.html>

### Degrees Earned:

Ph.D. (Economics) University of Pittsburgh, 1981  
M.A. (Economics) University of Pittsburgh, 1979  
B.A. (Economics) St. Vincent College, 1974

### Employment:

Professor of Economics, University of North Carolina - Greensboro, July 2009 --.  
Professor of Epidemiology and Health Policy Research, University of Florida, July 2005 to June 2009.  
Adjunct Professor of Economics, University of Florida, July 2005 to present.  
Professor of Health Administration and Policy, Medical University of South Carolina, August 2003 to July 2005.  
Associate Professor of Economics, The Pennsylvania State University, August 1986 to July 2003  
Associate Professor of Economics, University of Georgia, September 1986 to August 1988  
Assistant Professor of Economics, University of Georgia, September 1981 to August 1986  
Assistant Professor of Economics, Clarion University, August 1980 to August 1981

### Research Interests:

Econometrics, Health Economics

### Professional Activity:

Associate Editor, *Health Services Research*, 2008-present.  
Associate Editor, *Foundations and Trends in Econometrics*, 2003-present.  
Associate Editor, *Journal of the American Statistical Association*, 1989-1992.

Member, AcademyHealth Methods Council, 2009-present.  
Scientific Review Committee, American Society of Health Economists, 2006-present.  
Scientific Review Committee, International Health Economics Association, 2005-present.  
Coinvestigator, Developing Evidence to Inform Decisions about Effectiveness (DEcIDE) Center, University of Maryland (Bruce Stuart PI), funded by Agency for Healthcare Research and Quality, 2007-present.  
DEcIDE Frameworks Workgroup, Agency for Healthcare Research and Quality, 2009-present.  
DEcIDE Network, Agency for Healthcare Research and Quality, selected (w/ John Brooks, University of Iowa) to be one of 11 authors to write white papers giving guidance to researchers in comparative effective analysis. The topic of our paper is “Statistical Analysis and Sensitivity Analysis in Comparative Effectiveness Research.”  
Grant Reviewer, National Science Foundation, Economics Program, 2009.  
Grant Reviewer, Robert Wood Johnson Foundation, Substance Abuse Policy Research Program, 2006-present.  
Study Section -- Health Services Research on Alcohol-Related Problems - National Institute on Alcohol Abuse and Alcoholism, July, 1997.  
Study Section – Health Systems Research - Agency for Healthcare Research and Quality, 2006-present.  
Served on informal special emphasis review panel for the Agency for Healthcare Quality and Research, August, 2007.  
Memberships - International Health Economics Association, American Society of Health Economists.  
Adjunct Professor, Department of Economics, University of Florida, July 2005 to present.  
Adjunct Professor, Center for Health Economic and Policy Studies, Medical University of South Carolina, July 2005-present.

#### **Awards:**

Best published paper award for 2006 by the Research Committee of the American Spinal Injury Association (see Krause and Terza, 2006, under “Journal Articles” below).  
Grubb and Ellis manuscript prize for the best research paper on real estate market analysis presented at the annual meeting of the American Real Estate Society, 1989. (see Okoruwa, Nourse and Terza, 1994, under “Journal Articles” below).  
Finalist for best article in *Economic Inquiry* award for 1989 (see Fishback and Terza, 1989, under “Journal Articles” below)

#### **Journal Articles:**

Krause, J.S., Terza, J.V. and Dismuke, C.E.: “Factors Associated with Labor Force Participation After Spinal Cord Injury,” *Journal of Vocational Rehabilitation*, forthcoming.

- Krause, J.S., Terza, J.V., Saunders, L.L. and Dismuke, C.E.: "Delayed Entry into Employment after Spinal Cord Injury: Factors Related to Time to First Job," *Spinal Cord*, forthcoming. Online at <http://www.nature.com/doi/10.1038/sc.2009.157>.
- Knapp, C., Sherkman, E.A, Marcu, M., Madden, V., and Terza, J.V (2009): "Pediatric Palliative Care: Describing Hospice Users and Identifying Factors that Affect Hospice Expenditures," *Journal of Palliative Medicine*, 12, 223-229.
- Terza, J.V. (2009): "Parametric Nonlinear Regression with Endogenous Switching," *Econometric Reviews*, 28, 555-580.
- Stuart, B.C, Doshi, J., and Terza, J.V. (2009): "Assessing the Impact of Drug Use on Hospital Costs," *Health Services Research*, 44, 128-144.
- Krause, J.S., Terza, J.V. and Dismuke, C.E. (2008): "Earnings among People with Spinal Cord Injury," *Archives of Physical Medicine and Rehabilitation*, 89, 1474-1481.
- Terza, J., Basu, A. and Rathouz, P. (2008): "Two-Stage Residual Inclusion Estimation: Addressing Endogeneity in Health Econometric Modeling," *Journal of Health Economics*, 27, 531-543.
- Terza, J., Bradford, W.D. and Dismuke, C.E. (2008): "The Use of Linear Instrumental Variables Methods in Health Services Research and Health Economics: A Cautionary Note," *Health Services Research*, 43, 1102-1120.
- Terza, J., Kenkel D.S., Lin, T., and Sakata, S. (2008): "Care-Giver Advice as a Preventive Measure for Drinking During Pregnancy: Zeros, Categorical Outcome Responses, and Endogeneity," *Health Economics*, 17, 41-54.
- Shea, D.G., Terza, J.V., Stuart, B.C., and Briesacher, B. (2007): "Estimating the Effects of Prescription Drug Coverage for Medicare Beneficiaries," *Health Services Research*, 43, 933-949.
- Terza, J. (2006): "Estimation of Policy Effects Using Parametric Nonlinear Models: A Contextual Critique of the Generalized Method of Moments," *Health Services and Outcomes Research Methodology*, 6, 177-198.
- Terza J. and Tsai, W. (2006): "Censored Probit Estimation with Correlation near the Boundary: A Useful Reparameterization," *Review of Applied Economics*, 2, 1-12.
- Krause, J.S., and Terza, J.V. (2006): "Injury and Demographic Factors Predictive of Disparities in Earnings after Spinal Cord Injury," *Archives of Physical Medicine and Rehabilitation*, 87, 1318-1326. (Best published paper award for 2006 by the Research Committee of the American Spinal Injury Association).
- Terza, J. (2006): "Optimal Discrete Prediction in Parametric Binary Response Models,"

*Economics Letters*, 91, 72-75.

- Pryor, C., and Terza, J. (2002): "Are Going Concern Audit Opinions a Self-Fulfilling Prophecy?" *Advances in Quantitative Analysis of Finance and Accounting*, 10, 89-116.
- Terza, J. (2002): "Alcohol Abuse and Employment: A Second Look," *Journal of Applied Econometrics*, 17, 393-404.
- Kozlowski, L., G., Strasser, Giovino, G., Erickson, P., and Terza, J. (2001): "Applying the Risk/Use Equilibrium: Use Medicinal Nicotine Now for Harm Reduction," *Tobacco Control*, 10, 201-203.
- Kenkel, D., Terza, J. (2001): "The Effect of Physician Advice on Alcohol Consumption: Count Regression with an Endogenous Treatment Effect," *Journal of Applied Econometrics*, 16, 165-184.
- Terza, J. (1999): "Estimating Endogenous Treatment Effects in Retrospective Data Analysis," *Value in Health*, 2, 429-434.
- Terza, J. (1998): "Estimating Count Data Models with Endogenous Switching: Sample Selection and Endogenous Treatment Effects," *Journal of Econometrics*, 84, 129-154.
- Coulson, E., Neslusan, C., Stuart, B., and Terza J. (1995): "Estimating the Moral Hazard Effect of Supplemental Medical Insurance in the Demand for Prescription Drugs by the Elderly," *American Economic Review - Papers and Proceedings*, 85, 122-126.
- Okoruwa, A., Nourse, H., and Terza, J. (1994): "Estimating Sales for Retail Centers: An Application of the Poisson Gravity Model," *Journal of Real Estate Research*, 9, 85-96. (1989 Grubb and Ellis manuscript prize for the best research paper on real estate market analysis presented at the annual meeting of the American Real Estate Society.).
- Coughlin, C., Terza, J., and Arromdee, V. (1991): "State Characteristics and the Location of Foreign Direct Investment Within the United States," *Review of Economics and Statistics*, 73, 675-683.
- Terza, J., Welland, U. (1991): "A Comparison of Bivariate Normal Algorithms," *Journal of Statistical Computation and Simulation*, 39, 115-127.
- Terza, J., Wilson, P. (1990): "Analyzing Frequencies of Several Types of Events: A Mixed Multinomial-Poisson Approach," *Review of Economics and Statistics*, 72, 108-115.
- Coughlin, C., Terza, J., and Arromdee, V. (1990): "State Government Effects on the

- Location of Foreign Direct Investment,” *Regional Science Perspectives*, 20, 194-207.
- Coughlin, C., Terza, J., and Noor, K. (1989): “Determinants of Escape Clause Petitions,” *Review of Economics and Statistics*, 71, 341-347.
- Fishback, P., and Terza, J. (1989): “Are Estimates of Sex Discrimination by Employers Robust: The Use of Never-Marrieds,” *Economic Inquiry*, 27, 271-285. (Finalist for best article in *Economic Inquiry* award for 1989.)
- Fu, T., Epperson, J., Terza, J., and Fletcher, S. (1988): “Producer Attitudes Toward Peanut Marketing Alternatives: An Application of Multivariate Probit Joint Estimation,” *American Journal of Agricultural Economics*, 70, 910-918.
- Okoruwa, A., Terza, J., and Nourse, H. (1988): “Estimating Patronization Shares for Urban Retail Centers: An Extension of the Poisson Gravity Model,” *Journal of Urban Economics*, 24, 241-259.
- Dince, R., Sinkey, J., and Terza, J. (1987): “A Zeta Analysis of Failed Commercial Banks,” *Quarterly Journal of Business and Economics*, 28, 35-49.
- Terza, J. (1987): “Estimating Linear Models with Ordinal Qualitative Regressors,” *Journal of Econometrics*, 34, 275-291.
- Fletcher, S., and Terza, J. (1986): “Analyzing Farmers' Selection of Available Marketing Alternatives Using the Multivariate Probit Model,” *Canadian Journal of Agricultural Economics*, 34, 243-252.
- Hunt, J., Terza, J., White, R., and Moore, T. (1986): “Wages, Union Membership, and Public Sector Bargaining Legislation: Simultaneous Equations with an Ordinal Qualitative Regressor,” *Journal of Labor Research*, 12, 255-267.
- Terza, J. (1986): “Determinants of Household Electricity Demand: A Two-Stage Probit Approach,” *Southern Economic Journal*, 52, 1131-1139.
- Terza, J. (1985): “Econometric Models with Normal Polychotomous Selectivity,” *Economics Letters*, 19, 165-170.
- Terza, J., and Okoruwa, A. (1985): “An Algorithm for the Estimation of Poisson Regressions Involving Structural Change,” *Communications in Statistics*, B14, 853-866.
- Terza, J. (1985): “A Tobit-Type Estimator for the Censored Poisson Regression Model,” *Economics Letters*, 18, 361-365.
- Terza, J. (1985): “Ordinal Probit: A Generalization,” *Communications in Statistics*, A14, 1-11.

Terza, J. (1985): "Reduced Form Trinomial Probit: A Quantal Response Model without A Priori Restrictions," *Journal of Business and Economic Statistics*, 3, 54-59.

DeLorme, C., Terza, J., and Wood, N. (1984): "Inflation and Political Unrest in Developing Nations," *Economic Notes*, 13, 76-84.

Terza, J., and Welch, W. (1982): "Estimating Demand under Block Rates: Electricity and Water," *Land Economics*, 58, 181-188.

### **Book Chapters and Proceedings:**

Terza, J., and Welch, W. (1982): "Estimating Demand under Block Rates: Electricity and Water," *Land Economics*, 58, 181-188. Reprinted in the *Economics of Water Resources*, Grafton, R.Q. ed., Cheltenham, UK: Edward Elgar Publishing Ltd, 2008.

Terza, J. (1980): "Heckman's Method Extended to Polychotomous Choice Models," *Proceedings of the Business and Economics Section of the American Statistical Association*, 466-470.

Terza, J. (1980): "A Proposed Estimator for Situations Involving Sample Selection Based on Polychotomous Choice," *Modeling and Simulation*, 11, 491-495.

Terza, J. (1983): "A Two-Stage Estimator for Models with Ordinal Selectivity," *Proceedings of the Business and Economics Section of the American Statistical Association*, 484-486.

Okoruwa, A., Terza, J., and Nourse, H. (1988): "Estimating Patronization Shares for Urban Retail Centers: An Extension of the Poisson Gravity Model," *Journal of Urban Economics*, 24, 241-259. Reprinted in John D. Benjamin, editor, *Megatrends in Retail Real Estate, Research Issues in Real Estate, Vol.3*, Boston: Kluwer Academic Publishers, 1996, 81-99.

Terza, J. (February, 1999): "Analyzing the Effects of Public Policy Using Nonexperimental Data: Applications in Health Economics," *Economic Directions*, 9. Transcript of my McKenna Lecture at St. Vincent College (see Invited Lecture below).

### **Grant Funding**

Co-Principal Investigator

"Army Reenlistment by Occupation: A Probit Approach," with Ronald S. Warren, Army Research Institute, \$16,298, June, 1986.

Status: Completed

Co-Principal Investigator

"Vertical Integration and Health Care Markets," with Don Kenkel and Cheryl Neslusan, Penn State Research and Graduate Studies office, \$7,100, December, 1992.

Status: Completed

Principal Investigator

"Health Econometric Models with Endogenous Switching: A Unifying Structure," Penn State Population Research Institute, \$5000, June, 1999.

Status: Completed

Co-Investigator

"Smoking and Low-Tar Cigarettes: Follow-up and Simulation," with Lynn Kozlowski, et al. (Department of Biobehavioral Health - Penn State University) Centers for Disease Control, Office of Smoking and Health, National Center for Chronic Disease Prevention and Health Promotion, \$98,830 (9/30/97 -- 9/29/99).

Status: Completed

Principal Investigator

"Favorable Selection and Cost Containment by Medicare HMOs: A Two-Part Model of Fee-for-Service Costs with Endogenous Enrollment," U.S. Veteran's Administration Management Science Group, \$10,610, June, 1999.

Status: Completed.

Principal Investigator

"Assessing the Cost-Containment Effects of Medicare HMOs," Research and Graduate Studies Office, Penn State University, \$8,000 (09/01/2001 - 8/31/2002).

Status: Completed..

Co-Principal Investigator

"Econometric Analysis of Fetal Alcohol Syndrome Preventive Interventions," with Donald S. Kenkel (Department of Policy Analysis and Management - Cornell University) National Institute on Alcohol Abuse and Alcoholism, \$270,102 (09/01/2000 -- 6/30/2004).

Status: Completed.

Principal Investigator

"Assessing the Impact of Substance Abuse on Employment Status," Robert Wood Johnson Foundation, \$99,801 (07/01/2002 - 6/30/2004)

Status: Completed

Principal Investigator

"Treatment Patterns for Bipolar Disorder and the Time to Mental Health Hospitalization," Robert Wood Johnson Pharmaceutical Research Institute \$112,000 (9/1/03-6/30/03)

Status: Completed

Consultant

“Evaluation of the Effect of Medicare Drug Policy Decisions on Vulnerable Seniors,” (Bruce Stuart PI, U. of Maryland PI) The Commonwealth Fund \$278,757 (1/1/04-6/30/05)

Status: Completed

Co-Investigator

“Correcting Under-reporting in HCUP Inpatient Data,” (Libby Dismuke PI, Medical University of South Carolina) Agency for Healthcare Research and Quality, \$100,000 (7/1/04-6/30/05)

Status: Completed

Co-Investigator

“Utilization and Cost of Health Services by Chronic Drug Users,” (David Bradford PI, Medical University of South Carolina) National Institute on Drug Abuse, \$492,740 (9/1/02-2/28/05)

Status: Completed

Co-Investigator

“Establishing the Value of Stable Prescription Drug Coverage for Medicare Beneficiaries,” (Bruce Stuart PI, U. of Maryland PI) Robert Wood Johnson Foundation \$291,000 (1/1/04-6/30/05)

Status: Completed

Coinvestigator

“Medicare Beneficiary Response to Benefit Gaps versus Actuarially Equivalent Continuous Coverage for Prescription Drugs,” (Bruce Stuart PI, U. of Maryland PI) Robert Wood Johnson Foundation - Changes in Health Care Financing and Organization Program and AcademyHealth, \$141,000. (7/1/06 – 6/30/07).

Status: Completed

Principal Investigator

“Measuring the Net Public Health Impact of Increased Access to Potential Reduced Exposure Products for Smokers,” Robert Wood Johnson Foundation, \$99,584

Status: Funded and in progress

Coinvestigator

“Health Plan Turnover and Disenrollment, Health Care Quality and Expenditures in SCHIP,” (Sema Aydede PI, U. of Florida) Health Resources and Services Administration, \$99,995.

Status: Completed.

Principal Investigator

“Education and Smoking Cessation: Establishing the Causal Link” 2007 Faculty Support for Graduate Assistant, Institute for Child Health Policy, University of Florida.

Status: Completed.

Principal Investigator

“Drug Coverage and Cost Offsets: Two-Part Models with Endogenous Treatment Effects,” Agency for Health Care Research and Quality, \$412,225.

Status: Funded and in progress.

Coinvestigator

"Econometric Study of Schooling, Information, and Smoking" Supplemental/Revision, (Don Kenkel PI, Cornell U.) National Institutes of Health, National Institute of Child Health and Human Development, \$229,321

Status: Funded and in progress.

Principal Investigator

"The Effect of Education on Smoking Behavior”

Cornell University and National Institutes of Health, \$43,589.

Status: Funded and in progress.

Coinvestigator

"Medication Adherence Among Multimorbid Medicare Beneficiaries," (Ilene Zuckerman PI, U. of Maryland) National Institutes of Health, \$297,936.

Status: Under review.

Coinvestigator

“Instrumental Variables Methods for Censored Cost Data and an Application to Prostate Cancer,” (Anirban Basu PI, U. of Chicago) National Cancer Institute, \$361,652

Status: Reviewed and scored at the 12<sup>th</sup>-ile.

Coinvestigator

“Interpreting Instrumental Variable Estimates when Treatment Effects are Heterogenous Across Patients: ACE/ARBs and Race,” (John Brooks PI, U. of Iowa) National Institutes of Health, \$361,652

Status: Under Review.

Coinvestigator

"Comparative Effectiveness of Biologic DMARDs in Seniors with Rheumatoid Arthritis," (Marc Hochberg PI, U. of Maryland) National Institutes of Health, \$393,818.

Status: Under review.

Collaborator

“Developing Evidence to Inform Decisions about Effectiveness Research Network - 2,” (Elizabeth Chrischilles PI, U. of Iowa) Agency for Healthcare Research and Quality.

Status: Under Review.

Collaborator

“Center to Study Statistical Methods in Comparative Effectiveness Research,” (Sebastian Schneeweiss PI, Harvard U.) Agency for Healthcare Research and Quality.

Status: Under Review.

Coinvestigator

“Rehabilitation Research and Training Center on Individual Level Characteristics Related to Employment after Neurologic Injury,” (James Krause PI, Medical University of South Carolina) U.S. Department of Education, National Institute on Disability and Rehabilitation Research, \$345,799  
Status: Under Review.

Principal Investigator

"Causal Analysis of Policy and Comparative Effectiveness in Health Services and Outcomes Research, Health Economics, and Epidemiology," Robert Wood Johnson Foundation, \$240,000.  
Status: To be resubmitted, under revision.

Principal Investigator

"Quality Substitution Among Heavy and AUD Drinkers and Alcohol Tax Policy," Supplement/Revision, National Institute on Alcohol Abuse and Alcoholism, \$89,146.  
Status: Submitted.

**Work in Progress:**

Terza, J.V.: "Health Policy Analysis via Nonlinear Regression Methods: Estimation and Inference in the Presence of Endogeneity."

Terza, J.V.: "Robust Estimation of Marginal and Incremental Effects in Health Econometric Models with Sample Selection and Nonnegative Outcomes"

Terza, J.V. and Stuart, B.C.: "Health Policy Analysis via the Two-Part Model: Causal Inference in the Presence of Endogenous Switching."

Moran, J.R., Kanter, R.K. and Terza, J.V.: "Child Mortality at Pediatric and Other Hospitals."

Stuart, B.C., Terza, J.V. and Zhao, L.: "Do Large Gaps in Prescription Coverage for Medicare Beneficiaries Matter Beyond the Obvious Fact that they Reduce Generosity of Coverage?"

Dismuke, C.E., Bradford, W.D., Kleit, A. and Terza, J.V.: "Predicting Missing Information in Hospital Data: An Application of Detection Control Estimation."

Aydede, S.K., Terza, J.V., Sappington, D.E.M, Vogel, W.B., Erten M.Z., and Shenkman, E.A.: "Health Plan Exits And Disenrollment in the State Children's Health Insurance Programs," Submitted to *Journal of Health Care for the Poor and Underserved*.

Dismuke, C.E., Krause, J.S. and Terza, J.V.: "Predicting Poverty: The Link between Racial Disparities and Poverty Status Among Individuals with Spinal Cord Injury" revision requested *Poverty and Public Policy*.

*Econometric Methods for Health Policy Analysis and Health Services Research*, manuscript in progress.

*Introduction to Econometrics for Health Policy Analysis and Health Services Research*, manuscript in progress.

*Elementary Statistics for Econometrics*, manuscript in progress.

### **Participation in Professional Meetings and Conferences**

Date Description of activity

- 1980 Presented paper, "A Proposed Estimator for Situations Involving Sample Selection Based on Polychotomous Choice," Modeling and Simulation Conference.
- 1980 Presented paper, "Heckman's Method Extended to Polychotomous Choice Models," American Statistical Association Meeting.
- 1981 Presented paper, "Consumer Surplus and the Econometric Modeling of Individual Choice," Pennsylvania Conference of Economists.
- 1981 Presented paper, "The Reservation Wage Differential as an Index of the Bad Effects of Shiftwork," Eastern Economic Association, April.
- 1983 Presented paper, "A Two-Stage Estimator for Models with Ordinal Selectivity," American Statistical Association Meeting.
- 1984 Presented paper, "Financing Construction Work in Progress and the Prediction of Electric Utility Bond Ratings: An N-chotomous Probit Analysis," co-authored with Gena F. Hampton, Annual Public Utilities Conference, Atlanta, GA, September.
- 1984 Presented paper, "Wages, Union Membership, and the Public Sector Bargaining Legislation: Simultaneous Equations with an Ordinal Qualitative Regressor," Southern Economic Association, November.
- 1985 Presented paper, "Estimating a Two-Equation Simultaneous System Involving Both Qualitative and Continuous Endogenous Variables," accepted for presentation at the Winter Meeting of the Econometric Society, December.
- 1986 Presented paper, "Predicting Urban Trip Frequencies by Type: A Mixed Poisson-Multinomial Regression Model," co-authored with Paul Wilson, Summer Meeting of the Econometric Society, June.

- 1987 Chaired session entitled, "Econometric Models with Qualitative and Limited Dependent Variables," The Institute of Management Science/Operation Research Society of America (TIMS/ORSA), May.
- 1987 Presented paper, "Multivariate Probit Analysis: Seemingly Unrelated Nonlinear Regression without Grouped Data," with T. T. Fu, and S. M. Fletcher, The Institute of Management Science/Operations Research Society of America (TIMS/ORSA), May.
- 1987 Presented paper, "Determinants of Escape Clause Petitions," American Economic Association, December.
- 1991 Presented paper, "A Lagrange Multiplier Test of the Independence from Irrelevant Alternatives in Multinomial Choice Models," Econometric Society, Winter Meeting, New Orleans, LA.
- 1993 Discussant, at AEA Meeting in Boston, December.
- 1994 Presented paper, "Dummy Endogenous Variables and Endogenous Switching in Exponential Conditional Mean Regression Models," North American Summer Meeting of the Econometric Society, Quebec, Canada, June.
- 1994 Presented paper, "The Effect of Physician Advice on Health Lifestyles: Estimation with Nonnegativity, Endogeneity, and Self-Selection," with Don Kenkel, Health Economics Conference at the University of Chicago, October.
- 1995 Presented paper, "Estimating the Moral Hazard Effect of Supplemental Medical Insurance in the Demand for Prescription Drugs by the Elderly," with Cheryl Neslusan, American Economic Association, Washington, DC, January.
- 1995 Presented paper, "The Effect of Physician Advice on Health Lifestyles: Estimation with Nonnegativity, Endogeneity, and Self-Selection," with Don Kenkel, Winter Meeting of the Econometric Society, Washington, DC, January.
- 1997 Presented paper, "Estimating Multiple-Index Regression Models with Endogenous Switching," North American Summer Meeting of the Econometric Society, Pasadena, June 1997.
- 1997 Discussant, North American Summer Meeting of the Econometric Society, Pasadena, June 1997.
- 1997 Presented paper, "A Survey of Methods for Dealing with Endogenous Switching in Health-Econometric Modeling," with Kerry Anne McGeary, Fifth Annual Health Economics Conference Sponsored by the Veterans Administration Management Science Group, Newport, August 1997.
- 1997 Presented paper, "Exponential Regression with Endogenous Polychotomous

- Treatment Effects: GMM vs. Two-State Estimation,” with Cheryl Neslusan, Midwest Econometrics Group, Michigan State University, October 1997.
- 1997 Session chair, “Panel and Duration Models,” Midwest Econometrics Group, Michigan State University, October 1997.
- 1998 Presented paper, “Estimating the Effect of Physician Advice on Alcohol Consumption: Count Data Regression with an Endogenous Treatment Effect,” with Don Kenkel, Sixth Annual Health Economics Conference Sponsored by the Veterans Administration Management Science Group, Newport, August.
- 1998 Session Chair, Midwest Econometrics Group, Indiana University, September.
- 1998 Presented paper, “Estimating the Effect of Physician Advice on Alcohol Consumption: Count Data Regression with an Endogenous Treatment Effect,” with Don Kenkel, Southern Economics Association, November.
- 1998 Presented paper, “A Common Structure for Multiple-Index Nonlinear Regression Models with Endogenous Switching,” Midwest Econometrics Group, Indiana University, September.
- 2000 Presented paper, “Methodologies for Dealing with Unobserved Confounders: Propensity Score, Instrumental Variables, Two-Stage Method of Moments,” Annual Meeting of the International Society for Pharmacoeconomics and Outcomes Research, May.
- 2000 Presented paper, “Medicare HMOs: Cost Containment, Risk Selection, and Risk-Adjusted Premiums,” VA Management Science Group, Newport, RI, August.
- 2000 Presented paper, “Favorable Selection and Cost Containment by Medicare HMOs: A Two-Part Model of Fee-for-Service Costs with Endogenous Enrollment,” Penn State University, Dept. of Health Policy and Administration.
- 2000 Presented paper, “Favorable Selection and Cost Containment by Medicare HMOs: A Two-Part Model of Fee-for-Service Costs with Endogenous Enrollment,” Southern Economic Association, November.
- 2000 Presented paper, “Assessing the Effects of Substance Abuse on Employment Status,” Southern Economic Association, November.
- 2000 Discussant, Southern Economic Association, November.
- 2001 Presented paper, “Estimating a Rational Addiction Model of Cigarette Consumption,” International Health Economics Association, York England, July.
- 2001 Presented paper, “Assessing the Effects of Substance Abuse on Employment

- Status," International Health Economics Association, York England, July.
- 2002 Presented paper, "Econometric Analysis of Preventive Interventions for Fetal Alcohol Syndrome," with Don Kenkel, Tsui-Fang Lin, and Shinichi Sakata, Eleventh European Workshop on Econometrics and Health Economics, Lund, Sweden, September. Attended as a current grantee.
- 2003 Presented paper, "Treatment Patterns for Bipolar Disorder and the Time to Mental Health Hospitalization: Correcting for Endogeneity in a Survival Model," (with Silas Martin, William Crown, and Cheryl Neslusan), Annual Meeting of the International Health Economics Association, San Francisco, June.
- 2004 Discussant, 13<sup>th</sup> European Workshop on Econometrics and Health Economics, Venafro Italy, September.
- 2004 Presented paper, "An Econometric Framework for Analyzing Health Policy with Nonexperimental Data," Annual Meeting of the Midwest Econometrics Group, Northwestern University, October.
- 2004 Presented paper, "Econometric Analysis of Prenatal Advice as a Preventive Measure for Fetal Alcohol Syndrome," Annual Meeting of the Midwest Econometrics Group, Northwestern University, October.
- 2004 "Assessing the Impact of Substance Abuse on Employment Status," Annual Grantees Meeting of the Substance Abuse Policy Research Program of the Robert Wood Johnson Foundation, Charleston SC, December.
- 2005 "Econometric Methods for Health Policy Analysis Using Non-Experimental Data." International Health Economics Association, Pre-Conference Workshop, Barcelona, Spain, July.
- 2005 Presented paper, "Endogeneity in Nonlinear Parametric Models: A Guide for Applied Researchers in Health Economics," International Health Economics Association, Barcelona, Spain, July.
- 2005 Presented paper, "Assessing the Impact of Prescription Drug Use on Hospital Spending," (with Bruce Stuart and Jalpa Doshi) International Health Economics Association, Barcelona, Spain, July.
- 2006 "Econometric Methods for Health Policy Analysis Using Non-Experimental Data." American Society of Health Economists, Pre-Conference Workshop, Madison, WI, June.
- 2006 Presented paper, "More Ado About Two: Sample Selection, Endogenous Treatment Effects and the Modified Two-Part Model," American Society of Health Economists, Madison, WI, June.

- 2006 Presented paper, "Endogeneity in Nonlinear Parametric Models: A Guide for Applied Researchers in Health Economics," AcademyHealth Annual Research Meeting, Seattle, WA, June.
- 2006 Participant, Robert Wood Johnson Substance Abuse Policy Research Program, Annual Grantees Meeting, Hilton Head, SC, December.
- 2007 Presented Methods Workshop, "Methods for Dealing with Endogeneity and Selection Bias in Empirical Health Policy Analysis," AcademyHealth Annual Research Meeting, Orlando, FL, June.
- 2007 Presented paper, "Robust Estimation of Marginal and Incremental Effects in Health Econometric Models with Sample Selection and Nonnegative Outcomes," Southeastern Health Economics Study Group Annual Meeting, University of North Carolina, Chapel Hill, NC, October.
- 2007 Presented paper, "Public Health Effects of Policies Promoting the Use of Potential Reduced Exposure Products (PREPs) for Smoking Harm Reduction: Deconstructing the Risk-Use Equilibrium," Robert Wood Johnson Substance Abuse Policy Research Program, Annual Grantees Meeting, Amelia Island, FL, December.
- 2008 Presented Methods Workshop, "Dealing with Endogeneity and Selection Bias," AcademyHealth Annual Research Meeting, Washington, DC, June.
- 2008 Presented paper, "Parametric Regression and Health Policy Analysis: Survey-Based Estimation and Inference in the Presence of Endogeneity," Meeting of the American Society of Health Economists, Duke University, June.
- 2008 Discussant, Meeting of the American Society of Health Economists, Duke University, June.
- 2008 Discussant, Meeting of the Southeastern Health Economics Study Group, University of Alabama - Birmingham, October.
- 2009 Presented Methods Seminar, "Methods for Addressing Endogeneity and Selection Bias in Observational Studies," AcademyHealth Annual Research Meeting, Chicago, June.
- 2009 Presented Methods Workshop, "Dealing with Endogeneity and Selection Bias," AcademyHealth Annual Research Meeting, Chicago, June.
- 2009 Invited Participant, Agency for Healthcare Research and Quality Scientific Peer Review: Keeping Pace with New Trends in Peer Review, Bethesda, MD, September.
- 2009 Presented "Statistical Analysis / Sensitivity Analysis in Comparative

Effectiveness Research, Agency for Healthcare Research and Quality DECIDE Network, MD, September.

- 2009 Presented Short Course “Methods for Causal Analysis Using Observational (Non-Experimental) Data: Addressing Selection Bias and Other Forms of Endogeneity in Comparative Effectiveness Analysis,” Society for Medical Decision Making Annual Meeting, Los Angeles, October.

### **Invited Presentations**

- | Date | Description of activity   |
|------|---|
| 1984 | Presented paper, “Exogenous and Endogenous Ordinal Qualitative Variables in Econometric Modeling,” Department of Economics, University of South Carolina, Columbia, SC, September.                    |
| 1986 | Presented paper, “U.S. Army Re-enlistment and Extension by Occupation: A Reduced-Form Trinomial Probit Approach,” co-authored with Ronald S. Warren, Army Research Institute, March.                  |
| 1987 | Presented paper in Microeconomics Workshop Economics Department, Penn State, Spring.  |
| 1987 | Presented paper in Microeconomics Workshop Economics Department, Penn State, Fall.  |
| 1987 | Presented paper in Microeconomics Workshop Economics Department, Penn State, Spring.  |
| 1988 | Presented paper at Economics Department, Lehigh University, Spring.   |
| 1988 | Presented paper in Econometrics Workshop, Economics Department, Penn State, Spring.   |
| 1989 | Presented paper in Econometrics Workshop, Economics Department, Penn State, May.  |
| 1989 | Presented paper in Econometrics Workshop, Economics Department, Penn State, Fall.   |
| 1990 | Presented paper, “Extensions of the Probit Model via Nonlinear Least Squares,” at Econometrics Workshop, Department of Economics, University of Florida, May.   |
| 1990 | Presented paper, “A Lagrange Multiplier Test of the Independence from Irrelevant Alternatives in Multinomial Choice Models,” at Econometrics Workshop, Department of Economics, Penn State, November. |

- 1990 Presented paper, "Extensions of the Probit Model via Nonlinear Least Squares," Department of Statistics, Penn State University, October.
- 1990 Presented paper, "A Lagrange Multiplier Test of the Independence from Irrelevant Alternatives in Multinomial Choice Models," Econometrics Workshop, Department of Economics, Penn State, December.
- 1993 Presented paper, "Multivariate Probit Estimation via Seemingly Unrelated Nonlinear Regression," Department of Economics, Lehigh University, May.
- 1993 Presented paper, "Practical Issues in the Estimation of Models with Censored Samples," Miami University (Oxford, OH), May.
- 1994 Presented paper, "Endogenous Dummy Variables and Endogenous Switching in Exponential Conditional Mean Regression Models," in Economics Workshop, Penn State, March.
- 1994 Presented paper, "Endogenous Switching and Sample Selection in Exponential Conditional Mean Regression Models," Statistics Colloquium, Department of Statistics, The Pennsylvania State University, September.
- 1994 Presented paper, "An Estimator for Nonlinear Regression Models with Endogenous Switching and Sample Selection," SMU, October.
- 1994 Presented paper, "An Estimator for Nonlinear Regression Models with Endogenous Switching and Sample Selection," U. Texas, Arlington, October.
- 1994 Presented paper, "An Estimator for Nonlinear Regression Models with Endogenous Switching and Sample Selection," U. Texas, Austin, October.
- 1994 Presented paper, "An Estimator for Nonlinear Regression Models with Endogenous Switching and Sample Selection," LSU, October.
- 1995 Presented paper, "An Estimator for Nonlinear Regression Models with Endogenous Switching and Sample Selection," University of Arizona, January.
- 1995 Presented paper, "An Estimator for Nonlinear Regression Models with Endogenous Switching and Sample Selection," University of Georgia, March.
- 1995 Presented paper, "An Estimator for Nonlinear Regression Models with Endogenous Switching and Sample Selection," University of Virginia, April.
- 1996 Presented paper, "FIML, Method of Moments, and Two-Stage Method of Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," The Pennsylvania State University, January.
- 1996 Presented paper, "FIML, Method of Moments, and Two-Stage Method of

- Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," University of South Carolina, February.
- 1996 Presented paper, "FIML, Method of Moments, and Two-Stage Method of Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," Research Triangle (University of North Carolina, Duke University, North Carolina State University), February.
- 1996 Presented paper, "FIML, Method of Moments, and Two-Stage Method of Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," University of Florida, February.
- 1996 Presented paper, "FIML, Method of Moments, and Two-Stage Method of Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," University of Nevada-Reno, March.
- 1996 Presented paper, "FIML, Method of Moments, and Two-Stage Method of Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," University of California-Davis, March.
- 1996 Presented paper, "FIML, Method of Moments, and Two-Stage Method of Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," University of Oregon, March.
- 1996 Presented paper, "FIML, Method of Moments, and Two-Stage Method of Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," Indiana University, September.
- 1996 Presented paper, "FIML, Method of Moments, and Two-Stage Method of Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," Ohio State University, October.
- 1996 Presented paper, "Exponential Regression with Endogenous Polychotomous Treatment Effects: GMM vs. Two-Stage Estimation," (with Cheryl Neslusan), University of Arizona, December.
- 1997 Presented paper, "FIML, Method of Moments, and Two-Stage Method of Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," University of Miami, March.
- 1997 Presented paper, "FIML, Method of Moments, and Two-Stage Method of Moments Estimators for Nonlinear Regression Models with Endogenous Switching and Sample Selection," Johns Hopkins University, April.
- 1997 Presented paper, "A Common Structure for Multiple-Index Nonlinear Regression Models with Endogenous Switching," Penn State University, July.

- 1997 Presented paper, "A Common Structure for Multiple-Index Nonlinear Regression Models with Endogenous Switching," Lehigh University, October.
- 1997 Presented paper, "A Common Structure for Multiple-Index Nonlinear Regression Models with Endogenous Switching," Hong Kong University of Science and Technology, November.
- 1997 Presented paper, "A Common Structure for Multiple-Index Nonlinear Regression Models with Endogenous Switching," National Taiwan University, November.
- 1997 Presented paper, "Exponential Regression with Endogenous Polychotomous Treatment Effects: GMM vs. Two-Stage Estimation," (with Cheryl Neslusan), Institute of Economics, Academia Sinica (Taiwan), November.
- 1998 Presented paper, "A Common Structure for Multiple-Index Nonlinear Regression Models with Endogenous Switching," University of Miami, February.
- 1998 "Analyzing the Effects of Public Policy Using Nonexperimental Data: Applications in Health Economics," 43rd Alex McKenna Lecture, St. Vincent College, November.
- 1998 "Analyzing the Effects of Public Policy Using Nonexperimental Data: Applications in Health Economics," Health Services Research Colloquium, Penn State University, November.
- 1999 Presented paper, "A Unified Approach to Cross-Sectional Health Econometric Models with Endogenous Switching," NIDA Center for the Study of Prevention through Innovative Methodology, Penn State University, March.
- 1999 Presented paper, "Health Econometric Models with Endogenous Switching: A Unifying Structure," Population Research Institute, Penn State University, September.
- 2000 Presented paper, "Health Econometric Models with Endogenous Switching: A Unifying Structure," Virginia Tech University, February.
- 2000 Presented paper, "Alcohol Abuse and Employment Outcomes: Assessing the Potential Effects of Policy and Intervention," University of Iowa, April.
- 2000 Presented paper, "Alcohol Abuse and Employment Outcomes: Assessing the Potential Effects of Policy and Intervention," Center for Research on Crime and Justice, Penn State University, April.
- 2000 Presented paper, "Health Econometric Models with Endogenous Switching: A Unifying Structure," RAND Corporation, Santa Monica, CA, August.
- 2000 Presented paper, "Favorable Selection and Cost Containment by Medicare HMOs:

A Two-Part Model of Fee-for-Service Costs with Endogenous Enrollment," Georgia State University, October.

- 2002 Presented paper, "Econometric Analysis of Prenatal Advice as a Preventive Measure for Fetal Alcohol Syndrome," (with Don Kenkel, Tsui Fang Lin, and Shinichi Sakata), Cornell University, November.
- 2002 Presented paper, "Econometric Analysis of Prenatal Advice as a Preventive Measure for Fetal Alcohol Syndrome," (with Don Kenkel, Tsui Fang Lin, and Shinichi Sakata) Applied Microeconomics Workshop, Dept. of Economics, Penn State University, December.
- 2002 Presented paper, "Econometric Analysis of Prenatal Advice as a Preventive Measure for Fetal Alcohol Syndrome," (with Don Kenkel, Tsui Fang Lin, and Shinichi Sakata) University of Arizona, December.
- 2003 Presented paper, "Empirical Approaches to the Rational Addiction Model: Dealing with Nonlinearity and Endogeneity," University of Chicago, March.
- 2003 Presented paper, "Econometric Analysis of Prenatal Advice as a Preventive Measure for Fetal Alcohol Syndrome," (with Don Kenkel, Tsui Fang Lin, and Shinichi Sakata), National Institute on Drug Abuse, Center for the Study of Prevention through Innovative Methodology, Penn State University, March.
- 2003 Presented paper, "Econometric Analysis of Prenatal Advice as a Preventive Measure for Fetal Alcohol Syndrome," (with Don Kenkel, Tsui Fang Lin, and Shinichi Sakata), Medical University of South Carolina, June.
- 2003 Presented paper, "A New Statistical Method for Estimating the Net Public Health Impact of Increased Access to Nicotine Delivery Alternatives," Center for Health Economic and Policy Studies, Medical University of South Carolina, October.
- 2004 Presented paper, "Policy Analysis with Nonexperimental Data: Endogenous Regressors in Parametric Nonlinear Models," Center for Health Economic and Policy Studies, Medical University of South Carolina, April.
- 2004 "Toward Causally Interpretable Cost-Benefit Analyses of Prevention and Treatment Programs for Substance Abuse," Center for Health Economic and Policy Studies, Medical University of South Carolina, August.
- 2004 Presented paper, "Parametric Methods for Analyzing Health Policy with Nonexperimental Data," Department of Health Policy and Administration, Penn State University, November.
- 2004 Presented paper, "Parametric Methods for Analyzing Health Policy with Nonexperimental Data," The Peter Lamy Center on Drug Therapy and Aging, University of Maryland School of Pharmacy, November.

- 2005 Presented paper, "Econometric Analysis of Prenatal Advice as a Preventive Measure for Fetal Alcohol Syndrome," (with Don Kenkel, Tsui Fang Lin, and Shinichi Sakata), Georgia Institute of Technology, Department of Economics, January.
- 2005 Presented paper, "Assessing the Impact of Substance Abuse on Employment Status," West Virginia University, School of Medicine, Department of Community Medicine, January.
- 2005 Presented paper, "Assessing the Impact of Substance Abuse on Employment Status," University of Florida, College of Medicine, Department of Epidemiology and Health Policy, February.
- 2005 Presented paper, "Econometric Analysis of Prenatal Advice as a Preventive Measure for Fetal Alcohol Syndrome," (with Don Kenkel, Tsui Fang Lin, and Shinichi Sakata), Clemson University, Department of Economics, February.
- 2005 Presented paper, "Assessing the Impact of Substance Abuse on Employment Status," The Ohio State University, School of Medicine, Center for Health Outcomes and Policy Evaluation Studies, February.
- 2005 Presented paper, "An Econometric Framework for Analyzing Health Policy with Nonexperimental Data," University of South Carolina, Department of Economics, February.
- 2005 Presented paper, "Assessing the Impact of Gaps in Prescription Drug Coverage of Medicare Beneficiaries," Robert Wood Johnson Foundation Health Care Financing and Organization Initiative, AcademyHealth, Washington DC, May.
- 2005 Presented paper, "More Ado About Two: Endogenous Switching, Sample Selection, Endogenous Treatment Effects and the Modified Two-Part Model," 6<sup>th</sup> International Conference on Health Policy Research: Methodological Issues in Health Services and Outcomes Research, Invited Session on Selection Bias, Boston, MA, October.
- 2006 Presented paper, "Measuring the Public Health Impact of Potential Reduced Exposure Products (PREPs) for Smoking Harm Reduction: A Policy-Analytic Estimation Approach," Prevention Effectiveness and Health Economics seminar series of Prevention Effectiveness and Health Economics Branch, Centers for Disease Control and Prevention, Atlanta, GA, August.
- 2006 Presented paper, "More Ado About Two: Sample Selection, Endogenous Treatment Effects and the Modified Two-Part Model," Drexel University, Department of Economics, October.
- 2006 Presented paper, "More Ado About Two: Sample Selection, Endogenous

- Treatment Effects and the Modified Two-Part Model,” University of Florida, Department of Economics, November.
- 2007 Presented paper, “Do Large Gaps in Prescription Coverage for Medicare Beneficiaries Matter Beyond the Obvious Fact that they Reduce Generosity of Coverage?” (with Bruce Stuart and Lirong Zhao) Robert Wood Johnson Foundation Health Care Financing and Organization Initiative, AcademyHealth, Washington DC, April.
- 2007 “Confounding and the Estimation of Causal Effects Using Observational Data” Lecture - Introduction to Clinical/Translational Research, University of Florida, College of Medicine, August.
- 2007 “Analyzing the Economic Causes and Consequences of Substance Abuse Using Observational Data” Addictive & Health Behaviors Research Institute, University of Florida, November.
- 2007 Presented paper, “Marginal and Incremental Effects in Parametric Nonlinear Models with Endogenous Regressors,” Department of Economics, University of South Florida. December.
- 2008 Presented paper, “Parametric Regression and Health Policy Analysis: Survey-Based Estimation and Inference in the Presence of Endogeneity,” Department of Public Administration and Policy, University of Georgia, January.
- 2008 Presented paper, “Parametric Regression and Health Policy Analysis: Survey-Based Estimation and Inference in the Presence of Endogeneity,” Department of Health Policy and Management, Emory University, February.
- 2008 Presented paper, “Parametric Regression and Health Policy Analysis: Survey-Based Estimation and Inference in the Presence of Endogeneity,” Department of Management and Marketing, University of Alabama, April.
- 2008 Presented paper, “Parametric Regression and Health Policy Analysis: Estimation and Inference in the Presence of Endogeneity,” Department of Economics, University of North Carolina - Greensboro, September.
- 2008 Presented paper, “Parametric Regression and Health Policy Analysis: Estimation and Inference in the Presence of Endogeneity,” Department of Health Services Research, University of Rochester, October.
- 2008 Presented paper, “Parametric Regression and Health Policy Analysis: Estimation and Inference in the Presence of Endogeneity,” School of Pharmacy, University of Southern California, November.
- 2008 Presented paper, “Parametric Regression and Health Policy Analysis: Estimation and Inference in the Presence of Endogeneity,” Department of Economics,

University of Georgia, December.

**Doctoral Student Supervision:**

*University of Georgia - Department of Economics*

*Ulrich Welland* (econometrics) - Associate Professor, University of Flensburg (Germany)

*Penn State University - Department of Economics*

*Cheryl Neslusan* (health economics) – Director of Health Economics, Pharmaceuticals Group Strategic Marketing, Johnson & Johnson Pharmaceutical Services, Raritan, NJ.

*Andy Wen* (Econometrics) decided to enter the Christian ministry after defending his dissertation.

*Kerry Anne McGeary* (health economics) - Phyllis A. Miller Professorship in Health Economics, Department of Economics, Ball State University, Muncie, IN.

*Wei-Der Tsai* (health economics) - Assistant Professor, Department of Economics, National Central University, Taiwan

*Peter Vechnak* (applied econometrics) – Manager of Credit Policy and Risk, Customer Segmentation and Modeling, HSBC Mortgage Services, Charlotte, NC.

*University of Florida - Department of Economics*

*Mujde Erten* (applied econometrics, health economics) – In progress.

*University of North Carolina at Greensboro - Department of Economics*

*James Cunningham* (applied econometrics, health economics) – In progress.

**Master's Student Supervision:**

*Luz Lorenzo* (applied econometrics)

*Shao Ling Liu* (applied econometrics)

*Leonce Ndiokubwayo* (applied econometrics)

**Membership on Ph.D. and Master's Committees:**

**Economics (Penn State)**

J. Bai, M.A.  
 K. Yoo, M.A.  
 M. Mawampanga, M.A.  
 Aloysius Amin, Ph.D.  
 Kenneth Reynolds, Ph.D.  
 Chun-Sheng Yang, Ph.D.  
 Jane Lay, Ph.D.  
 Joyce Mlakar, Ph.D.  
 Flora Sambakunsi, M.A.  
 Asep Suryahadi, M.A.  
 Ryan Rademacker, M.A.  
 Guoqing Wang, M.A.  
 Hyoojong Kim, Ph.D.  
 Seog-Kyeong Han, M.A.  
 Julie Kraut, Ph.D.  
 Tian Zeng, Ph.D.  
 Gerald Fennemore, Ph.D.  
 Seog-Kyeong Han, M.A.  
 Ernesto Perusquia, M.A.  
 Shawn Klimek, Ph.D.  
 Artyem Durnev, M.A.  
 In Kyu Kim, M.A.  
 Mirela Marasteanu, M.A.  
 Jose Carvalho, Ph.D.  
 Guang Guo, Ph.D.  
 Qiong Zhou, Ph.D. (U. of Florida)

**Other Fields (Penn State)**

G. J. Murage Gichuhi, Ph.D. (Ag. Econ)  
 Eva Petkova, Ph.D. (Statistics)  
 Anne F. Torbeyns, (Statistics)  
 Juan Timana, Ph.D. (Management Sci)  
 Jeun-Sheng Lin, Ph.D. (Ag. Econ)  
 Kelly Grotzinger, Ph.D. (HPA)  
 Paniotis Fousekis, Ph.D. (Ag. Econ)  
 Man Liu, M.A. (Acctg)  
 Christopher Van Den Bulte, Ph.D. (MIS)  
 Charlotte Pryor, Ph.D. (Acctg)  
 Violet Torby (Finance)  
 Michele LaPlante (Finance)  
 Jianan Wu, Ph.D. (Marketing)  
 James Mahar, Ph.D. (Finance)  
 Patricia Wollen, Ph.D. (Finance)  
 Kaan Tunceli, Ph.D. (Health  
 Policy and Administration)

**Refereeing:**

*Academia Economic Papers*  
*Addiction*  
*American Economic Review*  
*American Sociological Review*  
*Bulletin of Economic Research*  
*Communications in Statistics*  
*Contemporary Economic Policy*  
*Demography*  
*Economic Development and Cultural Change*  
*Econometric Reviews*  
*Empirical Economics*  
*Econometrics Journal*  
*Econometric Theory*  
*International Economic Review*  
*International Journal of Forecasting*

*Health Economics*  
*Health Economics Letters*  
*Health Services Research*  
*Health Services and Outcomes Research Methodology*  
*Journal of the American Statistical Association*  
*Journal of the American Real Estate and Urban Economics Association*  
*Journal of Applied Econometrics*  
*Journal of Business and Economic Statistics*  
*Journal of Econometrics*  
*Journal of Environmental Economics and Management*  
*Journal of Health Economics*  
*Journal of Productivity Analysis*  
*Medical Care*  
*Population Economics*  
*Resources and Energy*  
*Review of Economics and Statistics*  
*Southern Economic Journal*  
*Statistical Papers*  
*Transportation Science.*