Experiments Station Service Project Update and Annual Report, 2007

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EXPERIMENT STATION SERVICE PROJECT UPDATE AND ANNUAL REPORT, 2007

Project Number: UTA 686  
Project Title: Economics Research Institute  
Project Leader: Dee Von Bailey

The objectives of this project have not changed from last year.

ANNUAL REPORT

1. Plan of Work for 2008

Publications—It is anticipated that faculty associated with the ERI will publish at least 30 refereed manuscripts during 2008. The ERI will make a more concerted effort to ensure that all manuscripts submitted for publication are considered for inclusion in the ERI Study Papers series and that abstracts of the ERI Study Paper manuscripts are posted on the Economics Department Internet site.

Conference Presentations, Symposia, Seminars, and Workshops—It is anticipated that faculty associated with the ERI will present at least 25 invited papers at regional, national, or international conferences during 2008. It is expected that the Economics Department Research Committee will arrange for three seminars featuring prominent scholars who will introduce methodological innovations or foster collaborative research opportunities.

Sponsored Research—Extramural funds are crucial for maintenance and expansion of the Department’s graduate programs. It is expected that faculty will prepare and submit at least 25 proposals for extramural funding during 2008.

Graduate Student Research—Graduate students provide valuable support for faculty research projects. First year students provide labor necessary to data collection and data exploration associated with applied projects. Advanced students can be supervised in estimations and analyses that fulfill thesis requirements and to contribute to larger research undertakings. We anticipate providing about 10 PhD and 10 MS student stipends with a combination of ERI and extramural funds during 2008. No new Ph. D. students will be admitted to the program for fall 2008. The reason for this is the continued uncertainty regarding curriculum and faculty teaching responsibilities for Ph. D. courses when a split in the department into business and agricultural united is completed.


See attached.

3. Summary of Major Accomplishments During 2007

The Plan of Work for 2007 established research publication goals of at least 30 refereed publications and 30 ERI Study Papers. During 2007, economics faculty had 16 refereed publications and 15 manuscripts accepted for refereed publication in 2007; and 5 books, book chapters and other refereed manuscripts published. In addition, faculty prepared 4 ERI Study Papers and 6 technical memoranda, reports, and other publications. Faculty and students associated with the ERI currently have 18 manuscripts undergoing journal review.

The Plan of Work for 2007 set dissemination/professional presentation goals of 25 invited or selected papers at professional meetings, and an active department seminar series involving faculty and invited speakers. Economics faculty and students made 34 presentations at Regional, National, and International Conferences.
The Plan of Work for 2007 set a goal that ERI faculty would prepare and submit at least 25 proposals for extramural funding. During 2007, the Economics faculty participated on 24 separate sponsored research projects with total funding of $4,352,870.

During 2007, faculty participation on 16 PhD and 35 Master’s committees was supported with a combination of ERI project funds and funding from sponsored research projects associated with the ERI. These students were assigned to work on UAES projects or other sponsored research projects.

4. Facility Upgrades or Changes

n/a

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Project Leader/ Economics Department Head

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Dean, College of Agriculture

________________________________________________________

Associate Director, Agricultural Experiment Station
Abstract—The research activities described in this document were supported by the Utah State University Economics Research Institute in 2007. The Economics Research Institute was founded in 1965 to provide training opportunities for graduate students and to assist in the solution of local, regional, and national economic problems. UAES has provided ongoing support for the ERI since 1972 under project number UTA-686. The project has provided the Department of Economics with resources to search out new developments in economics to analyze new and complex issues in public and private decision making processes. Boldface type is used to identify Utah State University Economics Department faculty and specialists; student names are underlined.
Faculty & Specialists

DeeVon Bailey, Professor and Interim Department Head; PhD, Texas A&M University, 1983; agricultural economics and community development.

Marian T. Bentley, Extension Specialist, Director of Extension Business and Economic Development Services, and Coordinator of Extension Innovation Centers; MPA; New York University, 1970; rural and economic development and human resource development.

Basudeb Biswas, Professor; PhD, University of Chicago, 1976; international trade and econometrics.

Tyler J. Bawles, Professor; PhD, University of North Carolina, 1991; econometrics and international economics.

Arthur J. Caplan, Associate Professor; PhD, University of Oregon, 1996; environmental economics.

Christopher Fawson, Professor and Associate Dean, Huntsman School of Business; PhD, Texas A&M University, 1986; labor economics, microeconomic theory, public finance, and econometrics/statistics.

Dillon M. Fenz, Professor; PhD, Colorado State University, 1990; production and finance, marketing and price analysis.

John P. Gilbert, Associate Professor; PhD, University of Auckland, 1998; international trade theory and applied general equilibrium modeling.

Terrence F. Glover, Professor; PhD, Purdue University, 1971; applied macroeconomics and policy.

E. Bruce Godfrey, Professor; PhD, Oregon State University, 1971; natural resource economics, agricultural economics, farm management and finance resource use and policy.

L. Dwight Israelsen, Professor; PhD, Massachusetts Institute of Technology, 1979; comparative systems, economic history, and economic theory.

Paul M. Jakuss, Professor; PhD, North Carolina State University, 1992; natural resource and environmental economics, and nonmarket valuation.

John E. Keith, Professor; PhD, Utah State University, 1973; resource and environmental economics, and regional development.

W. Craig Lewis, Professor; PhD, Iowa State University, 1969; regional urban economics, human resource, and managerial economics.

Kenneth S. Lyon, Professor; PhD, University of Chicago, 1970; economic theory, mathematical economics, and resource economics.

Rega Oladi, Assistant Professor; PhD, McGill University, 2000; International trade and finance, game theory and applications.

H. Craig Petersen, Professor and Director of Analysis, Assessment & Accreditation; PhD, Stanford University, 1973; regulation and antitrust, and managerial economics.

Rimma Shiptsova, Assistant Professor; PhD, Ohio State University, 1998; international trade, food safety, and econometrics.

Donald L. Snyder, Professor and College of Agriculture Associate Dean for Academic Programs; PhD, Utah State University, 1979; agriculture and resource economics.

Ruby A. Ward, Associate Professor; PhD, Texas A&M University, 1998; agribusiness management, operations research, and decision making at the firm level.
PUBLICATIONS

Refereed Journal Publications


M. Harris and Rimma Shiptsova “Consumer Demand for Convenience Foods: Demographics and Expenditures.” Submitted to the Journal of Food Distribution Research, accepted for publication, 2007


Books, Book Chapters, and Other Refereed Publications

Rimma Shiptsova, Co-author of Colander’s Principles of Micro test bank.


Technical Publications, Project Reports, Conference Proceedings

Michael Pace, Lyle Holmgren, Grant Cardon, and DeeVon Bailey. “Corn yield Responses and Profitability Relationship for different application Levels and Formulations of Nitrogen Fertilizers in proceedings Extension Annual Planning and Professional Development Conferences, Logan, Utah, March 6-8, 2007 (p.18)


Economic Research Institute Study Papers

Bailey, DeeVon. 2006. Annual research activities, 2006. Economic Research Institute Study Paper ERI 07-00, Utah State University, Logan, UT.


Kenneth S. Lyon A General Equilibrium Analysis
Manuscripts in Review


Harris, Chad W., Dillon Feuz, and DeeVon Bailey. Improving Basis Forecasting Techniques for Utah Feeder Cattle. Research in progress.


Caplan, A.J. Incremental and Average Control Costs in a Model of Water Quality Trading with Discrete Abatement Units. Environmental and Resource Economics.


Oladi, R., J. Gilbert, “Monopolistic Competition and North-South Trade,” Submitted to the European Economic Review.


Zhou, Lei, Basudeb Biswas, and Tyler J. Bowles. “Globalization and Income Inequality Within Countries.” Contemporary Economic Policy


D. Snyder “Intensifying Beef Production on Utah Private Land: Productivity, Profitability, and Risk” Submitted to Rangeland Ecology and Management on 12/19/07 with Layne Coppock and three graduate students as co-authors.


Bowles, Tyler J. “The Use of Hindsight in Commercial Damages Analysis.” Journal of Legal Economics
Conference, Symposia, and Seminar Presentations


Oladi, Reza. Western Economic Association Presentation 2007


Jakus, P. “Socioeconomic Consequences of Mercury Use and Pollution”, presented at USU Spring Runoff Conference, Logan, UT, April 2007

Jakus, P. “Using the Almost Ideal Demand System to Estimate the impact of Drought on the Demand for Fishing Licenses in Utah,” presented at International Symposium of Society and Natural Resource Management, Park City, UT, June 2007


Technical Workshops and Seminars

**Caplan, A. J.** A Bayesian Examination of Information and Uncertainty in Contingent Valuation: Cross-Cultural Comparison Between the U.S. and Botswana,” Faculty of Social Sciences, University of Botswana, Gaborone, October 24, 2007.

**Oladi, Reza** Department of Economics Seminars, Utah State University, Logan UT.

**Oladi, Reza** Department of Economics Seminars, University of California-Riverside.

**Jakus, P.** “China: An Emerging Superpower”, College of Business Seminar, Utah State University, Logan UT October 2007

**Israelsen, D.** Demographic Economics, Department of Economics Seminar Series, Utah State University, Logan UT 2007


**Glover, T. F.** 2007. Examples of Water Quality

Sponsored Research Projects


**Caplan, A.** Fulbright Scholars Award #07-12043 Lecturing/Research in Botswana, Africa (University of Botswana), 2007-2008 ($89,000)


**Keith, J.** 04/01/07 – 10/01/07. Training of OMVS personnel. ($38,000)

**Keith, J., C. Fawson, R. Krannich.** 04/01/06-12/31/07, Baseline Socioeconomic Study of Public Land Linkages to the State of Utah and Local Utah Communities. ($747,807.50).

**Keith, J.** 01/01/07 – 06/30/08. Beryl-Enterprise Groundwater Management Project. ($39,000)

**Keith, J., C. Fawson, R. Krannich, P. Jakus, B. Godfrey.** S. Burr, and D. Tarboton, 04/01/06-12/31/07, Baseline Socioeconomic Study of Public Land Linkages to the State of Utah and Local Utah Communities. ($747,807.50).

**Jakus, P.** 01/01/05-04/30/07, Perceptions and exposure of Arsenic in Private and Public Drinking Water Among Households. ($8,138).


**Keith, J.** 01/01/07 – 10/01/07. Training of OMVS personnel. ($38,000)

**Keith, J., C. Fawson, R. Krannich, P. Jakus, B. Godfrey.** S. Burr, and D. Tarboton, 04/01/06-12/31/07, Baseline Socioeconomic Study of Public Land Linkages to the State of Utah and Local Utah Communities. ($747,807.50).

**Jakus, P.** 01/01/05-04/30/07, Perceptions and exposure of Arsenic in Private and Public Drinking Water Among Households. ($8,138).

and valuation. Utah Tax Commission, $25,000 per year.


**Godfrey, E. B.** 10/1/06-9/30/07. USDA risk management: $300,676.


**Keith, J., C. Fawson, R. Kranich, P. Jakus, B. Godfrey, S. Burr, and D. Tarboton,** 04/01/06-12/31/07. Baseline Socioeconomic Study of Public Land Linkages to the State of Utah and Local Utah Communities. ($747,807.50).

**Chapman, K., D. Zobell, and B. Godfrey.** Utah Master Beef Management Program. Western Center for Risk Management Education. Approx $25,000

**Glover, T. F.** 7/1/06 – 6/30/08. Economics of Water Quality Trading. USU Water Initiative Grant ($2,400)


**Hartman, C., E. Stafford, and T.F. Glover.** 10/1/05-9/30/09. Wind power development in Utah. U.S. Department of Energy. ($11,000 for Economics as part of $500,000 grant).


**Sponsored Research Proposals**

**Keith, J., M. McKee, and W. Grenney.** Reprogramming the OMVS Cost Allocation Model: OMVS. ($475,000)

**Feuz, Bridger, D. Feuz, J. Hewlett and B. Godfrey.** Sheep LRP. Western Center for Risk Management Education.


the University of Idaho and National Research Initiative ($4,600 for Economics).

Glover, T. F. January 2007. Travel Grant to ASSA

Glover, T. F. January 2007. Travel Grant to Beijing Institute of Agriculture Meetings on Water Allocation in Northeast China. (Funded by ADB, $6,300).

Graduate Student Research

Doctoral Student Research Supported by ERI

Rachna Gollamudi, Enrolled in PhD program, D. Bailey, D. Feuz, E.B. Godfrey
Shantanu Bagchi, Enrolled in the PhD program, F. Caliendo, B. Biswas, Devalina Chaterjee, Enrolled in the PhD program, B. Biswas, F. Caliendo, L. D. Israelsen
Qianri Li, Enrolled in the PhD program, B. Biswas, C. Fawson, L. D. Israelsen, K. Lyon
Sanjib Sarker, Enrolled in the PhD program, B. Biswas, J. Gilbert
Yuexia Zhu, Enrolled in the PhD program, P. Jakus, B. Biswas, J. Caplan
Hengrui Qu, Enrolled in the PhD program, J. Gilbert, B. Biswas, T. Glover, K. Lyon

James Whitaker, Enrolled in the PhD program, R. Ward, B. Biswas
Lu Liu, Enrolled in the PhD program, F. Caliendo, A. Caplan
Jeremy Kidd, Enrolled in the PhD program, A. Caplan
Rui Min, Enrolled in PhD Computer Science program, C. Fawson
Prabuddha Ghosh, Enrolled in the PhD program, J. Gilbert, R. Oladi
Aerwadee Ubolsook, Enrolled in the PhD program, T. Glover
Amrita Ghosh-Dastidar, Enrolled in the PhD program, C. Lewis, R. Oladi
Pete Gombin, Enrolled in the PhD program, D. Snyder

Masters Student Research Supported by ERI

Gary Halverson, Plan A. Graduated from International MBA program, D. Bailey, D. Feuz, E. B. Godfrey
Shane Ellis, Plan A. Enrolled in MS Applied Economics Program, E. B. Godfrey, D. Bailey, R. Ward
Chad Harris, Plan A. Enrolled in International MBA program, D. Feuz, D. Bailey
Sandra Reategui, Plan C. Enrolled in the MS Applied Economics program, C. Fawson, B. Biswas, J. Keith
Carolina Salas Garcia, Plan B. Enrolled in the MS Applied Economics program, B. Biswas, C. Fawson
Hannes Schenk, Plan C. Enrolled in the MS program, C. Fawson, B. Biswas
Tingting Li, Plan C. Enrolled in the MS program, L.D. Israelsen, B. Biswas, T. Glover
Wandnerys Fuertes, Plan C. Enrolled in the MS Applied Economics program, T. Bowles

Gardner Gee, Plan C. Enrolled in the MS program, T. Bowles, D. Feuz, C. Lewis
Sarah Drollette, Plan B. Enrolled in the MS Applied Economics program, T. Bowles, C. Fawson
Jordan Carroll-Larson, Plan A. Enrolled in the MS Applied Economics program, A. Caplan, P. Jakus, J. Keith
D. Scott Bosworth, Plan A. Enrolled in the MS program, A. Caplan
Derek Johnson, Plan B. Enrolled in the MS Political Science program, C. Fawson
Angela Redding, Plan C. Enrolled in the MS Political Science program, C. Fawson
Stephanie Baldwin, Plan C. Enrolled in the MS Political Science program, C. Fawson
Jacoba Larsen, Plan C. Enrolled in the MS Applied Economics program, D. Feuz, R. Ward
Cody Bingham, Enrolled in the International MBA
Robert Fawson, Plan C. Enrolled in the MS Applied Economics program. T. Glover, J. Keith
Melvin Parades Forzani, Plan C. Enrolled in the MS Applied Economics program. T. Glover, K. Lyon
Sarah Thompson, Plan C. Enrolled in the MS program. T. Glover
Shane Thompson, Plan C. Enrolled in the MS program. L.D. Israelsen, T. Glover
Fai Wang, Plan C. Enrolled in the MS program. L.D. Israelsen, T. Glover
Ann Whyte, Plan C. Enrolled in the MS program. T. Glover
Christopher Thompson, Plan A. Enrolled in the MS Applied Economics program. E.B. Godfrey, J. Keith
JC Olson, Enrolled in the International MBA program. E.B. Godfrey
Ben Young, Enrolled in the International MBA program. E.B. Godfrey
Irene Whittier, Plan B. Enrolled in the MS program.

L.D. Israelsen
Mark Cottle, Plan C. Enrolled in the MS program.
L.D. Israelsen
Andrea Bohmholdt, Plan B. Enrolled in the MS Applied Economics program. P. Jakus, J. Keith
Will Jenson, Plan C. Enrolled in the MS Applied Economics program. J. Keith, R. Ward
Curt Wheeler, Plan B. Enrolled in the MS Applied Economics program. D. Snyder, J. Keith
Scott Taylor, Plan B. Enrolled in the MS Applied Economics program. J. Keith
Linda (Yue) Chen, Plan A. Enrolled in the MS program. D. Snyder
Jason Jorgensen, Enrolled in the MS Applied Economics program. R. Ward
Anne Israelsen, Enrolled in the MS Applied Economics program. R. Ward