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ANNUAL RESEARCH ACTIVITIES, 2005

by

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ANNUAL RESEARCH ACTIVITIES, 2005

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ANNUAL RESEARCH ACTIVITIES, 2005

Dee Von Bailey, ed.

ABSTRACT

The research described in this report was supported by the Utah Agricultural Experiment Station (UAES) through the Economics Research Institute (ERI) in the Department of Economics at Utah State University in 2005. The ERI was founded in 1965 and has provided critical support for graduate students to assist in economics research important to Utah, the western region of the United States, the nation, and the world. This type of support is essential for training students in the art and science of economics that will aid them in being tomorrow's decision makers. The publications cited in this document represent research publications and papers resulting from support provided by UAES through the ERI. Boldface type is used to identify Utah State University Department of Economics faculty and specialists; students' names are underlined.

Faculty & Specialists

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

Marion 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. Bowles, Associate Professor; PhD, University of North Carolina, 1991; econometrics and international economics.

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

Keith R. Criddle, Professor; PhD, University California, Davis, 1989; natural resource economics and quantitative methods.

Christopher Fawson, Professor and Department Head; PhD, Texas A&M University, 1986; labor economics, microeconomic theory, public finance, and econometrics/statistics.

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

Terence 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. Jakus, 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. Cris 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.

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

Makoto Nirei, Assistant Professor; PhD, University of Chicago, 2002; Macroeconomic theory with current focus on the aggregation of threshold-type investment in the product and financial markets.

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; agricultural and resource economics.

Steven S. Videner, Associate Professor; PhD, Colorado State University, 1997; agribusiness and econometrics.

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

Publications

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- Lyon, KS, and FN Caliendo. Optimal discounting of benefits from cleanup at waste sites. *Natural Resource Modeling* (submission).
- Marks LA, N Kalaitzandonakes, and SS Vickner. Consumer purchasing behavior towards GM foods in the Netherlands. *American Journal of Agricultural Economics* (revised and resubmitted)
- Nirei, M, and W Souma. 2005. Two factor model of income distribution dynamics. *Review of Income and Wealth* (submitted).
- Oladi, R, and H Beladi. Is regionalism viable? *Review of International Economics* (submitted).
- Oladi, R, and H Beladi. Non-traded goods: technical progress and real wages. *Southern Economic Journal* (submitted).
- Oladi, R, J Gilbert, and H Beladi. Foreign direct investment, non-traded goods and wages. *Japan and the World Economy* (submitted).
- Oladi, R, and J Gilbert. Monopolistic competition and North-South trade. *Journal of Economic Theory* (submitted).
- Olson, TK, and KR Criddle. 2005. Industrial evolution in response to changes in the demand for traceability and assurance: a case study of Chilean salmon aquaculture. *Aquaculture Economics and Management* (under review).
- Sanders, K, and LD Israelsen. 2005. J.B. Say's law of markets, or, what Say really meant. *European Journal of Economic Thought* (submitted).
- Sarker, S, J Gilbert, and R Oladi. Asymmetric adjustment costs in LDCs. *Review of Development Economics* (submitted).
- Shiptsova R, and K Ralston. The effects of media announcements on consumer choice of hotdog brands. *Agribusiness: an International Journal* (submitted).
- Shiptsova, R. SAS applications and analysis of food demand. *Journal of Agricultural Education* (submitted).
- Shiptsova, R, and L Tweeten. Demographic and economic transitions in developing countries and their effects on the U.S. agricultural exports. *Journal of Agribusiness* (submitted).
- Slade, JR, and D Bailey. Factors influencing support for a national animal identification system for cattle. Reesubmission to the *Journal of Agricultural and Applied Economics*.
- Thomsen, M, R Shiptsova, and S Hamm. Sales responses to recalls for *Listeria monocytogenes*: evidence from branded ready-to-eat meats. *Review of Agricultural Economics* (submitted).
- Waldron, BL, DR Zobell, KC Olson, KB Jensen, and DL Snyder. 2005. Use and economics of stockpiled forage kochia and crested wheatgrass to maintain beef cows during the winter. *Rangeland Ecology and Management* (under review).

Conference, Symposia, and Seminar Presentations

Presentations at Research Conferences and Symposia

- Bailey, D. 2005. Traceability and biosecurity presentation at a free session at the *Annual Meetings of the American Agricultural Economics Association*, Providence, RI, July 26.
- Bentley, M. 2005. Enterprise social planning and implementation guide. Serbia Employment Promotion Project. World Bank.
- Bentley, M, and GB Hansen. 2005. Developing and implementing labor redeployment programs to help displaced workers find new jobs. Serbia Employment Promotion Project. World Bank.
- Bentley, M. 2005. Local economic development for practitioners. *International Labour Organization*, December.
- Bentley, M. 2005. A case study in local economic development. *International Labour Organization*, Prilep, Macedonia, December.
- Bentley, M. A case study in local economic development. *International Labour Organization*, Topolovgrad, Bugaria, December.
- Bowles, TJ. 2005. Illegal aliens: claims for lost wages. Presented at the *Annual Meetings of the Western Economic Association International*, San Francisco, CA, July 7-8.
- Bowles, TJ, and DS Bosworth. 2005. Online enrollment in economics courses: a treatment model. Presented at the *Seventh Annual Economics and the Class Room Conference*, Jackson Lake Lodge, Grand Teton National Park, September 16.
- Caliendo, FN, and KS Lyon. 2005. Optimal discounting of benefits from cleanup at waste sites. Paper presented at *2005 World Conference on Natural Resource Modeling*, Humboldt State University, Arcata, CA, June 14-18.
- Caplan, AJ. 2005. Perspectives on integrating bio-physical and social sciences for sustaining natural and human systems—symposium. Chaired by Terry Sharik, Head, Department of Environment and Society, Utah State University, *Society for Human Ecology, 20th Anniversary Conference*, Salt Lake City, UT, October.
- Caplan, AJ. 2005. Curbside recycling: waste resource or waste of resources? *Waste—The Social Context*, Edmonton, Alberta, Canada, May.
- Caplan, AJ. 2005. A bioeconomic model of the great Salt Lake watershed. *W1133 Annual Meetings*, Salt Lake City, UT, February.
- Criddle, KR, and M Herrmann. 2005. A state space bioeconomic model of Pacific halibut. *Resource Modeling Association*, Arcata, CA (selected presentation).
- Criddle, KR, and M Herrmann. 2005. A state space bioeconomic model of Pacific halibut. *American Fisheries Society*, Anchorage, AK (invited presentation).
- Davies, SP, K Erickson, SS Vickner, DL Hoag, and R Nehring. 2005. An error-components three-stage least-squares model of investment allocation by farm households. *AAEA Annual Meeting*, Providence, RI, July 24-27.
- Davies, SP, K Erickson, DL Hoag, R Nehring, and SS Vickner. 2005. Perspectives on investment patterns of U.S. farm households. *WAEA Annual Meeting*, San Francisco, CA, July 6-8, 2005.
- Galloway, K, and D Bailey. 2005. A rose by another name: an objective analysis of an established market for credence attributes. Selected paper, *Annual Meetings of the American Agricultural Economics Association*, Providence, RI, July 25.
- Herrmann, M, and KR Criddle. 2005. Alaska halibut revenues, transferable quotas and halibut farming *American Fisheries Society*, Anchorage, AK (invited presentation).
- Hill, NS, and D Bailey. 2005. Marketing GM-labeled food products in the United Kingdom: can American agribusiness do it profitably? Selected paper, *International Food and Agribusiness Management Association Symposium and Case Conference*, Chicago, IL, June 26.
- Israelsen, LD, and RD Israelsen. 2005. The distribution of life expectancy within U.S. states. *80th Annual Western Economic Association International Conference*, San Francisco, CA, July 7.
- Israelsen, LD, RD Israelsen, and WJ Israelsen. 2005. The distribution of mortality in U.S. counties. *80th Annual Western Economic Association International Conference*, San Francisco, CA, July 7.
- Israelsen, AJ, LD Israelsen, and RD Israelsen. 2005. The distribution of life expectancy within U.S. states. *Annual Meeting of the Utah Academy of Sciences, Arts, and Letters*, Orem, UT, April 15.
- Israelsen, KE, LD Israelsen, and WJ Israelsen. 2005. A market for immigration. *Annual Meeting of the Utah Academy of Sciences, Arts, and Letters*, Orem, UT, April 15.
- Keith, JE, and LH Diggs. 2005. Theoretical and applied economics of water demand management: all dressed up and no place to go. Presented at the *2004 Annual Meeting of the Western Regional Science Association*, San Diego, California, February 23-26.
- Lewis, WC. 2005. Lost profit as a measure of lost earning capacity. *80th Annual Conference of the Western Economic Association International*, San Francisco, CA, July 7.
- Nirei, M. 2005. Lumpy investment, sectoral propagation, and business cycles. *Proceedings, SPIE* 5845.
- Nirei, M, and W Souma. 2005. Empirical study and model of personal income. *Proceedings, International Workshop on Econophysics of Wealth Distribution*.
- Oladi, R, and J Gilbert. 2005. Monopolistic competition and North-South trade. *Western Economic Association International Annual Meeting*, San Francisco, CA, Summer.
- Olson, TK, and KR Criddle. 2005. Evolution of industrial structures in response to changes in the demand for traceability and assurance: a case study of Chilean salmon aquaculture. *North American Fisheries Economics Forum*, Vancouver, BC (selected presentation).
- Ratliff, RL, LD Israelsen, CR Skousen, and E Scheuing. 2005. A brief introduction to relationship economics. *Mini-Conference, International Association for Relationship Research*, Vitoria, Brazil, July 2.
- Shiptova, R. 2005. Random parameter logit applied in the brand choice modeling. Department of Economics Regular Seminar Series, Utah State University, Logan, UT, April.
- Turner, J, D Bailey, and E Thor. 2005. Educational tools for the new millenium: linking EU-US university experiences through the Phoenix group's "attacking global barriers" instructive. *ICA-NASULGC Conference*, Contributed Paper, Vienna, Austria, April 11.

Vickner, SS. 2005. Estimating the impact of voluntary labeling of trans fats on the market demand for processed foods: a nested PIGLOG model approach. *AAEA Annual Meeting*, Providence, RI, July 24-27.

Vickner, SS. 2005. Estimating the impact of voluntary labeling of trans fats on the market demand for processed foods: a generalized AIDS model approach. *Western Agricultural Economics Association (WAEA) Annual Meeting*, San Francisco, CA, July 6-8.

Ward, R, D Bailey, S Bartschi, and R Wiedmeyer. 2005. Can accelerated feeding programs for cattle make production of natural beef a viable alternative for producers? Selected paper, *International Food and Agribusiness Management Association Symposium and Case Conference*, Chicago, IL, June 25.

Technical Workshops and Seminars

Bailey, D. 2005. U.S. animal identification systems. *Presented at the Northern Region Success Strategies for Small and Limited Resource Farmers and Ranchers, Risk Management Agency, USDA, Billings, MT, November 16.*

Bailey, D. 2005. Moderator for mergers and acquisitions, joint ventures. Selected paper session, *15th Annual World Food and Agribusiness Symposium*, Chicago, IL, June 26.

Bentley, M. 2005. Business resource centers and NxLevel entrepreneurship programs. *National Conference, American Association of Small Business Development Centers*, Baltimore, September.

Bentley, M. 2005. Community entrepreneurship strategies. *National Conference, National Association of Community Development Extension Practitioners*, Las Vegas.

Bentley, M. 2005. Building local economies of the future: entrepreneurship education and information systems for rural people and places. *National eXtension Entrepreneurship Community of Practice Symposium*, Nashville, December.

Bentley, M. 2005. Business visitation programs for Main Street communities. *Utah Main Street Workshop*, Heber, March.

Bentley, M. 2005. Business visitation programs for Main Street communities. *Utah Main Street Workshop*, Price, May.

Bentley, M. 2005. Business visitation programs for Main Street communities. *Utah Main Street Workshop*, Richfield, August.

Bentley, M. 2005. Business visitation programs for Main Street communities. *Utah Main Street Workshop*, Panguitch, October.

Biswas, B. 2005. Invited speaker: Global convergence of per capita incomes. Talk delivered for *Bengal Economic Association*, January 13, St. Xavier's College, Kolkata, India.

Bowles, TJ. 2005. Economic aspects of illegal immigration. *Utah State University Extension Income Tax School*, St. George, Utah, December 1.

Bowles, TJ. 2005. Economic aspects of illegal immigration. *Utah State University Extension Income Tax School*, Salt Lake City, Utah, November 17.

Caplan, AJ. 2005. Pollution trading in the Bear River Basin. *Water in the West: Use, Abuse, and Scarcity, College of Natural Resources Annual NR Week Symposium*, Utah State University, October.

Criddle, KR. 2005. Marine policy for the halibut. School of Fisheries and Ocean Science, University of Alaska Fairbanks, Fairbanks, AK. (December).

Ward, R, D Bailey, and R Jensen. 2005. An American BSE crisis: has it affected the value of traceability and country-of-origin labeling for U.S. and Canadian beef? Selected paper at the *Annual Meetings of the Southern Agricultural Economics Association*, Little Rock, AR, February 9.

Ward, R, D Bailey, W Umberger, and R Tronstad. 2005. U.S. livestock identification systems: risk management and market opportunities. *American Agriculture Economics Association Annual Meetings*, Providence, RI, July 2005.

Criddle, KR. 2005. Marine policy for the halibut. Juneau Fisheries Center, University of Alaska Fairbanks, Juneau, AK. (December).

Criddle, KR. 2005. Marine policy for the halibut. Marine Advisory Program, University of Alaska Fairbanks, Anchorage, AK. (December).

Criddle, KR. 2005. Seafood certification. Second Far Eastern Fishing Forum, Vladivostok, Russia. (September).

Criddle, KR. 2005. Trends in seafood markets. Second Far Eastern Fishing Forum, Vladivostok, Russia (September).

Criddle, KR. 2005. Salmon aquaculture in Chile. Pacific Scientific Research Fisheries Center (TINRO), Vladivostok, Russia (March).

Criddle, KR. 2005. Institutional reforms in Russian Far East fisheries. Pacific Scientific Research Fisheries Center (TINRO), Vladivostok, Russia (March).

Criddle, KR. 2005. Traceability and assurance in seafoods. Pacific Scientific Research Fisheries Center (TINRO), Vladivostok, Russia (March).

Criddle, KR. 2005. From commodity to niche: the evolution of seafood markets. Pacific Scientific Research Fisheries Center (TINRO), Vladivostok, Russia (March).

Criddle, KR. 2005. Introduction to bioeconomics. Department of Applied Mathematics, Far Eastern University Vladivostok, Russia (March).

Criddle, KR. 2005. An introduction to bioeconomics. Institute of Mathematics and Computer Science, Far Eastern National University, Vladivostok, Russia. September 4-8. (22 hours)

Davies, SP, SS Vickner, DL Hoag, K Erickson, and R Nehring. 2005. Analysis of farm structure and farm household well-being using ARMS survey data and pseudo-panel data methods. *USDA-ERS Seminar*, Washington, D.C., March 14.

Gilbert, J, and R Oladi. 2005. Monopolistic competition and north-south trade. Department of Economics Regular Seminar Series, Utah State University, April.

Glover, TF. 2005. Sequential production processes and the emergence of alternative agricultural enterprises: the case of digesters. Presentation to the *Cooperative Extension System*, University of Idaho, Twin Falls, ID, July 25.

Glover, TF. 2005. The relationship between eastern and western economy and business. Presentation to the *Forum of Asian Economy and Business, International Conference on Business and Finance*, TamKang University, Taipei, Taiwan ROC. December 16.

- Glover, TF. 2005. Game theoretic approaches to understanding water allocation in mainland China. Presentation to *East West Center Conference on Water in Economic Development*, University of Hawaii, Manoa, November 21.
- Horsburgh, JS, DK Stevens, T Glover, and A Caplan. 2005. Specific requirements of an objectives for the water quality model to support water quality trading in the Bear River Basin. *Technical Memorandum report to the Water Quality Committee*, Bear River Commission, August 8.
- Jaenicke, EC, RW Harrison, KL Jensen, and PM Jakus. 2005. Adoption behavior in food retailers' decision to offer fresh irradiated ground beef. *European Association of Agricultural Economists 11th Congress*, Copenhagen, August.
- Jaenicke, EC, RW Harrison, KL Jensen, and PM Jakus. 2005. Follow the leader: adoption behavior in food retailers' decision to offer fresh irradiated ground beef. *Annual Meeting American Agricultural Economics Association*, Providence, RI, July.
- Jakus, PM, J Bergstrom, M Phillips, and K O'Brien. 2005. Modelling recreation trip response to alternative TVA water management regimes. *W-1133 Regional Project*, Salt Lake City, UT, February.
- Jakus, PM, J Bergstrom, M Phillips, and K O'Brien. 2005. Modelling recreation trip response to alternative TVA water management regimes. *Annual Meeting of the River Management Society*, Salt Lake City, UT, May.
- Jakus, PM. 2005. TVA water management: economic tradeoffs. *Presentation for CEE 6490, River Basin Planning and Management*, April.
- Lai, C, and TF Glover. 2005. Initiating the water quality trading process: the impact of agency subsidization. Presentation at the *East West Center*, University of Hawaii, Manoa, November 22.
- Nirei, M. 2006. Scale-invariant aggregate fluctuations of discrete investments. *Econometric Society Winter Meetings*, Boston, MA, January (accepted).
- Nirei, M. 2005. Invited talk on: Scale-invariant aggregate fluctuations of discrete investments. *Workshop on Microscopic Stochastic Dynamics in Economics*, Universität Bielefeld, July.
- Nirei, M, and Y Sasaki. 2005. Numerical investigation on bottom-up fluctuation of investment. *Society for Computational Economics 11th International Conference on Computing in Economics and Finance*, Washington, DC., June.
- Nirei, M. 2005. Invited talk on: Lumpy investment, sectoral propagation, and business cycles. *SPIE Conference on Fluctuations and Noise*, Austin, TX, May.
- Shiptsova, R. 2005. Convenience foods and brand choice. *Food Distribution Research Society National Conference*, Washington, D.C., October.
- Zhu, Y (Sally), and PM Jakus. 2005. Peer pressure and economic incentives: what matter in household recycling. *Camp Resources*, Wilmington, NC, August.

Sponsored Research Projects

Utah Agricultural Experiment Station Projects

- Bailey, D. 10/1/1992-9/30/2006. Regional Project W-1177 (Utah Ag. Experiment Station Project UTA-085)— Enhancing the global competitiveness of U.S. red meat. (10/1/92-9/30/06).
- Bailey, D, and D Snyder. 7/1/1996-6/30/2006. UTA-017— Emerging opportunities and threats in Utah agricultural markets.
- Bailey, D (PI), R Shiptsova, R Ward, KR Criddle, DJ McMahon, D Cornforth, and A Young. 2003-2006. Center for food quality, certification, transparency, and traceability. UTA-029, USDA, CSREES (\$150K).
- Biswas, B. 1994-2006. Effects of the North American Free Trade Agreement (NAFTA) on U.S. and Utah agriculture—an assessment. Utah State University Agricultural Experiment Station project UTA-091.
- Caplan, AJ. 2001-2005. New perspectives on the study of jointly determined ecological-economic systems in the American West. Utah Experiment Station Grant, UTA-015, Utah State University, Logan, UT.
- Criddle, KR. 2001-2007. Individual, group, and public rights-based management of natural resources. Utah Agriculture Experiment Station project UTA-018.
- Criddle, KR. 2001-2009. Interfacing technological, economic, and institutional principles for managing intersector mobilization of water. Utah Agriculture Experiment Station project, W-1190/UTA-020.
- Fawson, C. 1992-2007. Rural communities, rural labor markets and public policy. Utah State University Agricultural Experiment Station Project NE-1011/UTA-074.
- Fawson, C. 1965-2007. Economics Research Institute. Utah State University Agricultural Experiment Station Project UTA-686.
- Gilbert, JP. 11/1/01-6/30/05. U.S. trade policy responses to regional integration in the Americas and Asia-Pacific. Utah Agricultural Experiment Station, UTA-021.
- Gilbert, JP. 7/1/05-6/30/09. WTO Accession and China's agricultural trade liberalization. Utah Agricultural Experiment Station, UTA-039.
- Glover, TF. 7/1/04-6-30/08. Incomplete information, contracts and decision processes in agriculture. Utah Agricultural Experiment Station, UTA-035.
- Godfrey, EB. 1996-2006. Rural communities and public lands in the west: Impacts and alternatives. Utah Agricultural Experiment Station Project UTA-007 (W-192):
- Godfrey, EB. 1992-2006. Rangeland resource economics and policy. Utah State University Agricultural Experiment Station Project WCC-055.
- Jakus, PM. 1998-2007. Benefits and costs of natural resources policies affecting public and private land. Utah State Experiment Station. W-1133/UTA-052.
- Lewis, WC. (PI). 1999-2005. State-federal income taxes; stability and effect on economic growth and farm saving. Utah State University Agricultural Experiment Station Project UTA-012.
- Lyon, KS. 1998-2008. A dynamic stochastic analysis of global warming, forest carbon flux, and timber harvests. Utah State University Agricultural Experiment Station Project UTA-010.

Shiptsova, R. 2003-2006. Market adjustment from food safety regulations. Utah State University Agricultural Experiment Station project UTA-027.

Vickner, SS. 2005-2010. Modeling the economics of food quality information in the global agribusiness complex. Utah State University Agricultural Experiment Station Project UTA-037.

Other Sponsored Research Projects and Programs

Aadland, D, AJ Caplan, and OR Phillips. 2005. A Bayesian examination of anchoring bias and cheap talk in contingent valuation studies. Owen R. Phillips Experimental Economics Research Fund, Department of Economics and Finance, University of Wyoming, July, (\$6,000).

Bailey, D. 06/01/2004-05/31/2005. An animal identification educational program for cattle producers. Livestock Marketing Information Center: \$10,013.

Bailey, D, T Glover, and P Jakus. 2003-2006. Editorship of the *Journal of Agricultural and Resource Economics*. Western Agricultural Economics Association: \$104,536.

Barnett, J, DS Stevens., N Mesner, J Horsburgh, TF Glover, and A Caplan. 10/1/04-9/30/07. Tri-state Bear River Basin initiative: U.S. EPA Watershed Initiative Program: \$114K.

Bentley, M, F Prante, and M Holmes. 1999-2006. Small business development centers. Small Business Development Administration and Utah Department of Community and Economic Development, \$160,000/year (this is a yearly amount, and a proposal is put in each year to extend contract).

Bentley, M, and K Biers. 2004-2006. Extension Entrepreneurship Program Development. USU Extension, \$25,000.

Bowles, TJ. 2001-2005. Agricultural finance on agricultural conditions and trends. Biannual report for *Zion's Bank*. (\$3,000/year).

Caplan, AJ, D Jackson-Smith, and S Marquart-Pyatt. 2005. Cache County household recycling and solid waste study. Division of Environmental Services, City of Logan, Utah State University, February, (\$17,250).

Caplan, AJ, N Mesner, J Horsburgh, T Glover, and J Barnett. 2004-2006. U.S. EPA watershed initiative grant program—tri-state Bear River Basin Watershed Proposal, January, Utah State University (\$750,000).

Criddle, KR., and M Herrmann. 2006-2008. A global analysis of salmon prices: how low can they go? Alaska Sea Grant (\$185.5K).

Fawson, C, and R Simmons, 2004-2005. Public lands and rural economics. (\$208,942).

Fawson, C. 09/28/05-08/31/06. Measuring farmer response to direct payments. USDA-Economic Research Service. (\$18,200).

Gilbert, J. 2005. Performance measures for PTAs in Asia. UNESCAP. \$3,000.

Gilbert, J. 2005. RTA developments in East Asia and the effect on New Zealand. Asia-New Zealand Foundation. \$5,000.

Glover, TF. 10/31/05-2/28/06. Air Force Research Lab Economics Study. Utah State University Research Foundation. (\$28,165).

Glover, TF, and AJ Caplan. 7/01/05-9/30/06. Policy decision modeling for water quality improvement. USU Water Initiative grant. (\$8,100)

Ward, R. 07/01/03-06/30/08. Wholesaling and retailing nontraditional agricultural products in Utah. Utah State University Agricultural Experiment Station project UTA-028.

Godfrey, EB. Ongoing. Farmland assessment research and valuation. Utah Tax Commission, \$25,000 per year.

Godfrey, EB. 08/01/96-2/28/10. An economic analysis of waste water disposal alternatives at the Hunter and Huntington power plants. Pacific Corp: \$37,900.

Godfrey, EB, R Ward, and D Bailey. 2004-2005. Targeted states risk education. USDA-RMA (\$300,000).

Godfrey, EB. 9/15/03-9/15/06. Trade adjustment assistance for farmers in Utah. Cost reimbursement basis.

Godfrey, EB. 10/01/05-9/30/06. USDA risk management: \$300,972.

Godfrey, EB. 9/21/04-9/30/05. USDA risk management: \$300,740.

Godfrey, EB. 3/23/99-1/1/10. NG firms in Utah. UFB Power: \$3,000.

Godfrey, EB. 12/13/04-2/28/05. Dairy industry in Alaska. Alaska Division of Agriculture: \$10,000.

Godfrey, EB, and R Lilieholm. 1/07/04-30/6/05. Impact of Grand Staircase-Escalante National Monument on the local economy. CURI grant: \$10,000 (app.).

Griffiths D, EB Godfrey, et al. 2004-2005. Financial planning and management (\$40K).

Hansen, C, TF Glover, and E Watts. 10/1/03-9/30/05. Research and demonstration of anaerobic systems on dairy farms. U.S. Department of Energy/U.S. Department of Agricultural Cooperative Alternative Energy Development Project Program Grant to the Center for Profitable Uses of Agricultural Byproducts, Utah State University: \$726,000.

Hartman, C, E Stafford, and TF Glover. 10/1/05-9/30/06. Wind power development in Utah. U.S. Department of Energy. (\$11,000 for Economics as part of \$500,000 grant).

Hill, R, and EB Godfrey. 7/1/2005-6/30/06. Evaluation of salinity control measures in the Uintah Basin. \$25,000 (approx.)

Jakus, PM. (7/1/02-6/30/05). Irradiated ground beef: the adoption decision by supermarkets and grocery stores. Pennsylvania State University. \$10,648.

Keith, J, and P Jakus. 3/1/05-10/1/06. Recreation valuation of Ken's Lake, UT. Utah Division of Water Resources. (\$39,510).

Nirei, M. 07/01/05-06/30/06. Macroeconomic fluctuations from interacting threshold investments. Utah State University New Faculty Research Grant. (\$14,968).

Oladi, G. 07/01/05-06/30/06. Non-traded goods, foreign direct investment and wages. Utah State University New Faculty Research Grant. (\$15,000).

Shiptsova, R, K Ralston, and N Saha. 2004-2005. The effects of media announcements on consumer choice of hotdog brands. ERS/USDA cooperative agreement.

Shiptsova, R. 09/30/04-09/30/05. Consumer response to food recalls. USDA-Economic Research Service. (\$5,000).

Snyder, DL. (PI) and 12 others, representing 4 units on campus. 1996-2008. Federal/state pasture initiative, USDA CREES, Utah State Legislature: \$450,000/yr (2002-08).

Vickner, SS. 07/01/05-06/30/06. Estimating the impact of voluntary labeling of trans fat on the market demand for processed food. Utah State University Community/University Research Initiative. (\$21,000).

Vickner, SS. 2004-2005. An economic evaluation of the 'Utah's own' agricultural and food marketing program. COA Graduate Assistantship for New Faculty grant (\$12K).

Vickner, SS, and **D Bailey** (Co-PI), and **AgriSolutions.** 1/1/05-12/31/05. Feasibility of Utah's own beef products. Value-added producer grant (VAP6). USDA, RBS, Subcontract with Dee's Incorporated: \$95,036.

Ward, R (PI), and **D Bailey.** 2005-2006. Risk management—Educating livestock and specialty crop producers about risks and opportunities associated with food supply chains. FCIC, USDA-RMA (\$148,401).

Sponsored Research Proposals

Abramov, A, E Anferova, and **K Criddle.** A partnership between the Russian and American analytical centers for bioeconomic analyses of Russian Federation fisheries. USAID. (pending).

Akulin, VA, BI Pokrovsky, VE Rodin, MY Makeeva, and **KR Criddle.** Pre-assessment review for Marine Stewardship Council sustainable fisheries certification of the Far East Russian Federation fisheries for pollock and crab. Sustainable Fisheries Fund. (pending).

Bailey, D, and **S Vickner, K Biers,** and **R Ward.** 2005. Utah Cooperative Development Center. Submitted to USDA, RBS, Rural Cooperative Development Grant Program. Requested amount: \$215,589, September. Not funded.

Biswas, B. 1994-2006. Effects of the North American Free Trade Agreement (NAFTA) on U.S. and Utah agriculture--an assessment. UTA-091.

Bowles, DS, LR Anderson, and **TF Glover.** 2005. Risk assessment of statutory dams. Proposal to United Utilities, U.K. (Phase 3 in process with engineering team. Consequence/ economics in review).

Caplan, AJ. 2005. Associations of non-point source pollutants and water quality trading in the Bear River Basin. Utah Experiment Station Grant Proposal—Utah State University.

Criddle, KR, and **M Herrmann.** A global analysis of salmon prices: how low can they go? Alaska Sea Grant. (funded for 2006-08).

Glover, TF. 2005. Energy development and water pollution. Proposal to the State of New Mexico (in review).

Ward, R (PI), D Drost, and **G Anderson.** 9/21/05-12/30/06. Risk management outreach for women and limited resource farmers. USDA-RMA (\$61,919).

Ward, R. Value added agricultural products toolbox. Western Center for Risk Management Education (\$40,000) 2005-2006.

Ward, R (PI), D Drost, G Anderson, and **K Biers .** 2004-2005. Risk management outreach for women and limited resource farmers. USDA-RMA (\$27,500).

Ward, R. 2004-2005. Survival strategies for small and limited resource farmers and ranchers: an outreach regional conference. USDA-RMA (\$15,000).

Ward, R. 2004-2006. Scholarships for risk management conferences. Risk Management Agency, USDA (\$15K).

Hartman, C, E Stafford, and **TF Glover.** 2005. Renewable energy development in Utah and the impacts on electricity rates. Proposal to the Utah State Energy Advisor and State Energy Program. (in review).

Marks, LA, SS Vickner, and **N Kalaitzandonakes** (Co-Principal Investigators). 2005. Consumer purchasing behavior towards GM foods. Submitted to the USDA, Cooperative State Research, Education, and Extension Service-National Research Initiative Competitive Grants Program (USDA-CSREES-NRICGP) (not funded). May.

Shiptsova, R, K Ralston, and **N Saha.** 2004-2005. The effects of media announcements on consumer choice of hotdog brands. ERS/USDA cooperative agreement.

Snyder, DL. 2006-2008. Pasture and forage research. Annual progress report and request for continued funding (proposal) to CSREES, USDA (funded for \$430,000).

Thilmany, DD, SS Vickner, and **J Pritchett** (Co-Principal Investigators). 2005. Assessing demand, prices and performance for U.S. retail beef markets. Submitted to USDA, Cooperative State Research, Education, and Extension Service-National Research Initiative Competitive Grants Program (USDA-CSREES-NRICGP) (not funded), May.

Vickner, S, D Bailey, and **R Ward.** The Utah Cooperative Development Center. USDA, RBS. \$296,104. (not funded).

Graduate Student Research

Doctoral Student Research Supported by ERI

Banik, N. Three essays on interrelated aspects of globalization. (B Biswas, KR Criddle, J Gilbert, PM Jakus, D Luthy) PhD—Economics, 2005.

Basu, N. Dissertation topic undeclared. (PM Jakus) Enrolled in PhD—Economics.

Chatterjee, D. Dissertation topic undeclared. (KR Criddle) Enrolled in PhD—Economics.

Gee, G. Dissertation topic undeclared. (WC Lewis) Enrolled in PhD—Economics.

Gho, M. Dissertation topic undeclared. (PM Jakus) Enrolled in PhD—Economics.

Gollamudi, R. Dissertation topic undeclared. (SS Vickner, PM Jakus) Enrolled in PhD—Economics.

Kidd, J. Environmental economics. (C Fawson, PM Jakus, AJ Caplan, J Gilbert, R Simmons) Candidate for PhD—Economics.

Lai, C. Dissertation topic undeclared. (TF Glover) Enrolled in PhD—Economics.

Li, Q. Dissertation topic undeclared. (PM Jakus, KR Criddle, C Fawson, J Gilbert, R Simmons) Enrolled in PhD—Economics.

Prabuddha, G. Dissertation topic undeclared. (KR Criddle) Enrolled in PhD—Economics.

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