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Annual Research Activities, 2002

Keith R. Criddle
Utah State University

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ANNUAL RESEARCH ACTIVITIES, 2002

by

KEITH R. CRIDDLE, ed.

Department of Economics
Utah State University
3530 Old Main Hill
Logan, UT 84322-3530

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ABSTRACT

The research activities described in this document were supported by the Utah State University Economics Research Institute in 2002. 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 staff.
Publishers

Refereed Journal Publications


**Technical Publications, Project Reports, Conference Proceedings (non-refereed)**


Bailey D, DL Dickinson S Liddel, and VT Mendenhall. 2002. Market opportunities and costs associated with red meat traceability systems. Final report, Utah Department of Agriculture and Food, Department of Economics, Utah State University, Logan, UT.


Glover TF, K Biers and D Bailey. 2002. Guidelines for the development and coordination of the craft industry within the Utah heritage highway 89 corridor. Final Report, Heritage Highway 89 Alliance, Department of Economics, Utah State University, Logan, UT.


**Biswas, B.** Personal incomes and public services in promoting human development: A Primer on India’s Recent Economic Development, (submitted).

**Bowles TJ and R Bosworth.** Farm household wealth: measurement, structure, and determinants. Review of Agricultural Economics, (submitted).


**Caliendo F and WC Lewis.** The effect of the current IRA program on federal government debt. Public Finance Review, (resubmitted).

**Caplan AJ and ECD Silva.** An equitable, efficient, and implementable scheme to control global carbon dioxide emissions. Journal of Environmental and Development Economics, (submitted)


**Manuscripts in Review**


**Aadland DM.** Cattle cycles, expectations and the age distribution of capital. Journal of Economic Dynamics and Control (resubmitted).


**Bris, B.** Personal incomes and public services in promoting human development: A Primer on India’s Recent Economic Development, (submitted).


**Caliendo F and WC Lewis.** The effect of the current IRA program on federal government debt. Public Finance Review, (resubmitted).

**Caplan AJ and ECD Silva.** An equitable, efficient, and implementable scheme to control global carbon dioxide emissions. Journal of Environmental and Development Economics, (submitted)


Conference, Symposia, and Seminar Presentations

Presentations at Research Conferences and Symposia


Caplan AJ. 2002. Active learning strategies for the college and university economics classroom, II—service learning and economics: developing projects that encourage students to "do" economics. American Agricultural Economics Association, Atlanta, GA.


Caplan AJ. 2002. Using GAMS and Excel to simulate natural resource problems in an upper-division economics course. Economics in the Classroom Conference, Pocatello, ID.


Huang XK. On the transmission of monetary policy shocks. *Econometric Society*, Atlanta, GA.


Sanders KK and LD Israelsen. 2002. Say’s (only) one law, or what Say really meant. *Southwestern Economics Association*, New Orleans, LA.


**Technical Workshops and Seminars**


Aadland DM. 2002. High-frequency macroeconomics. Department of Economics, Utah State University, Logan, UT.


Bowles TJ and J Jones. 2002. The effects of supplemental instruction on course grades. Department of Economics, Utah State University, Logan, UT.


Cameron TA. 2002. Updated subjective distributions for future climate and individual option prices for climate change mitigation. Department of Economics, Utah State University, Logan, UT.


Criddle KR. 2002. Bioeconomics of multiple use resources. Department of Mathematics, Utah State University, Logan, UT.


Criddle KR. 2002. Property rights and the management of multiple use fisheries. Department of Economics, Utah State University, Logan, UT.

Dickinson DL and D Bailey. 2002. Food traceability and consumer attitudes about red meat characteristics. Department of Economics, Utah State University, Logan, UT.


Dickinson DL. 2002. Dispute resolution. Department of Economics, Utah State University, Logan, UT.


Fang Q. 2002. The maturity structure of foreign debt in the presence of possible twin crisis. Department of Economics, Utah State University, Logan, UT.

Fletcher JJ. 2002. Cost effective water quality management: a watershed perspective. Department of Economics, Utah State University, Logan, UT.

Glover TF. 2002. Delegated selling. Department of Economics, Utah State University, Logan, UT.

Glover TF. 2002. The craft industry and the internet. Utah Department of Business and Economic Development, Salt Lake City, UT.


Grijalva T. 2002. Waste not or want not? a contingent ranking analysis of curbside waste disposal options. Department of Economics, Utah State University, Logan, UT.


Huang KX. 2002. High-frequency calibration. Department of Economics, Utah State University, Logan, UT.

Huang KX. 2002. Implementing Arrow-Debreu equilibrium by trading infinitely lived securities. Federal Reserve Bank of Kansas City, Kansas City, MO.

Huang KX. 2002. When specific factor meet intermediate input. Arizona State University, Tempe, AZ.


Hunnicutt L. Coordination games. Department of Economics, Utah State University, Logan, UT.

Hunnicutt, L., and N Banik. Non-tariff barriers in development. Department of Economics, Utah State University, Logan, UT.

Jakus PM and H Peng. 2002. Fish consumption advisories and anglers' averting behavior. Department of Economics, Utah State University, Logan, UT.


Phillips KL. 2002. The forward bias: is it risk? Department of Economics, Utah State University, Logan, UT.


Sponsored Research Projects

Utah Agricultural Experiment Station Projects


Criddle KR. 2001-2006. Individual, group, and public rights-based management of natural resources. UTA-018.


Godfrey EB. 1997-2002. The economics of intensive grazing on private lands in Utah. Utah Agricultural Experiment Station Project UTA-008.


Jakus PM. 2001-2004. Agricultural water management technologies, institutions and policies affecting economic viability and environmental quality. W-190/UTA-020.


Other Sponsored Research Projects and Programs


Caplan AJ. 2002-2003. Public disclosure programs and firm environmental performance: is there an 'information echo effect' in the toxic release inventory? New Faculty Research Grant: $9,983.


Gilbert J. 2002. An AGE analysis of the FTAA. Utah State University New Faculty Research Grant: $8,964.


Godfrey EB. 2002. Sanpete County quality growth study: $6,000.


Ward RA, R Kjelgren and M Rogoyski. Production of drought-tolerant intermountain native plants through low-cost in-ground containers for emerging western markets. USDA/CSREES SARE: $85,000.

**Sponsored Research Proposals**

**Bailey D** and EC Jones. Identity preservation programs in US agriculture: their implications for food marketing and agricultural policy. Selected as a Farm Foundation “Showcase” Project, Farm Foundation (funded).

**Bailey D**, (with Arizona State University) A US–EU multilateral exchange and training program toward BS and MS degrees in agribusiness and agricultural economics. US Department of Education. (renewed).

**Bailey D**. Traceability in the food system. Utah Food Policy Team (funded).


**Caplan AJ** and TN Emerson. Public disclosure programs and firm environmental performance: is there an information echo effect in the toxic release inventory? EPA STAR—Corporate environmental behavior: examining the effectiveness of government interventions and voluntary initiatives (pending).

**Caplan AJ** and TN Emerson. Public disclosure programs and firm environmental performance: is there an information echo effect in the toxic release inventory? EPA STAR—Market mechanisms and incentives for environmental management (pending).

**Caplan AJ**, T Grijalva and D Jackson-Smith. Cache County landfill study. Division of Environmental Services, City of Logan (funded).

**Caplan AJ**, T Grijalva, C Hartman and E Stafford. Logan recycling survey. Division of Environmental Services, City of Logan (funded).

**Caplan AJ**. Public disclosure programs and firm environmental performance: is there an ‘information echo effect’ in the toxic release inventory? New Faculty Research Grant (funded).

**Criddle KR**. Economics Research Institute. Utah Agricultural Experiment Station (new funded).

**Criddle KR** and M Herrmann. An economic analysis of the Pacific halibut commercial fishery. NOAA Alaska Sea Grant (funded).


**Gilbert J**. An AGE analysis of the FTAA. Utah State University New Faculty Research Grant (funded).

**Gilbert J**. Regional and sub-regional FTAs in Asia and their impact on Australia. Australian Ministry of Foreign Affairs Economic Analysis Unit (funded).

**Gilbert J**. The case for a model free trade agreement between the United States and New Zealand. Institute for International Economics (funded).

**Glover TF**, DK Stevens and D Ames. Bayesian statistical networks as a decision model for watershed management and improvement. USDA CSREES National Research Initiative. (pending)

**Tarboton D**, TF **Glover** and others. Water for the future: integrating water sciences. National Science Foundation IGERT. (not funded)

**Glover TF**. Electronic auctions and auction development for the Western craft industry. Division of Business and Economic Development, DCED, State of Utah. (pending)

**Glover TF**. Northwest Marketing Association. Proposed funding for demand and data information workshops. (pending)


**Godfrey EB**. Agricultural budgets. Utah Department of Agriculture and Food (renewed).

**Godfrey EB**. Sanpete County quality growth study (funded).

**Hunnicutt L**. Measures and determinants of cooperative success. Utah Agricultural Experiment Station (pending).

**Jakus PM**. Estimating the economic value of off-highway vehicle recreation in Utah. New Faculty Research Grant, Utah State University (funded).

**Jakus PM**. Recreational trip-response to changes in TVA reservoir management. Kleinschmidt and Associates, TVA Reservoir Operations Review (funded)

**Keith JE**. Souss-Massa Integrated Water Management in Morocco. USAID/DAI (funded)

**Lyon KS**. Dynamic stochastic analysis of global warming, forest carbon flux, and timber harvests. Utah Agricultural Experiment Station (renewed).

**Shiptsova R**. Market adjustments resulting from food safety regulations. Utah Agricultural Experiment Station (pending).

**Ward RA**. Wholesaling and retailing non-traditional agriculture products in Utah. Utah Agricultural Experiment Station (pending).
Graduate Student Research

Doctoral Student Research Supported by ERI


Caliendo F. Economic effects of the taxation of investment income. (WC Lewis C Fawson TJ Bowles LD Israelsen D Dahl) Candidate for PhD—Economics.


Fang Q. Three essays on financial crises. (B Biswas DM Aadland C Fawson J Gilbert P Swenson) Candidate for PhD—Economics.


Kidd J. Environmental economics. (C Fawson DM Aadland AJ Caplan L Hunnicutt R Simmons) Candidate for PhD—Economics.

Li Q. Dissertation topic undeclared. (PM Jakus) Enrolled in PhD—Economics.


Lowe L. Land policy implications of the endangered species act: a case study of locally initiated habitat conservation planning in a rural setting. (C Fawson EB Godfrey LD Israelsen DL Snyder R Simmons) Candidate for PhD—Economics.

Masters Student Research Supported by ERI


Christensen B. Consumer preferences for public and private sector certifications of beef products in the United States and the United Kingdom. (D Bailey D Dickinson R Ward L Hunnicutt E Stafford) Enrolled in International MBA in Food and Agribusiness.


Ellis S. Thesis topic undeclared. (EB Godfrey) Enrolled in MS—Economics.


Johnson V. Thesis topic undeclared. (PM Jakus) Enrolled in MS—Economics.

McDonough I. Thesis topic undeclared. (PM Jakus) Enrolled in MS—Economics.


North M. Thesis topic undeclared. (D Bailey) Enrolled in International MBA in Food and Agribusiness.


Pocock C. Thesis topic undeclared. (D Bailey) Enrolled in International MBA in Food and Agribusiness.


