

Wednesday

6:00–7:30 P.M. **Opening Reception Silver Mine A/B**

Thursday

7:15–8:15 A.M. **Breakfast in Silver Mine A/B**

Prospector 4 **Prospector 3** **Prospector 2** **Prospector 1** **Silver Mine A** **Silver Mine B**

WAEA President and Keynote Addresses

10:15–10:30 A.M. **Short Break in Foyers B/C**

Symposium I
Exploring the Teaching-Outreach Boundary in Agribusiness Capstone Courses

Biofuels

The Beef (It's What's for Dinner!) Supply Chain

Risk

Environmental Economics

Intriguing Commodity Markets

Noon–1:30 P.M. **Lunch on your own**

Symposium II
Site-Specific Biosafety and Biosecurity Risk Assessment for the National Bio and Agro-Defense Facility (NBAF)

Land Economics

Price Forecasting and Price Risk

Environmental Economics

Education

3:00–3:30 P.M. **Break in Foyers B/C**

Symposium III
The Science of Climate

Experimental Economics

Production Economics and Range Management

Water Economics

Household Economics and Consumer Demand

5:00 P.M. **Dinner on your own**

Friday

7:15–8:15 A.M. **Breakfast and WAEA Business Meeting in Prospector 4**

Symposium IV
Advances in Empirical Methods: the What, When, and How

Plant and Animal Diseases

Socioeconomic Research

Regional Economics

Energy Economics

10:00–10:30 A.M. **Break Check out before 11 A.M.**

Symposium V
Scarcity of Western Water

Ag and Food Policy

Energy and Environmental Policy

Cattle Production

A Perfect Pairing: Wine and Farmers Markets

Noon–1:30 P.M. **Awards Luncheon in Prospector 4**

WEDNESDAY AFTERNOON

3:00–6:00 P.M. Foyers B/C Registration open

2:00–5:00 P.M. Wasatch WAEA Council and Executive Committee Meeting

WEDNESDAY EVENING

6:00–7:30 P.M. Silver Mine A/B Opening Reception

THURSDAY EARLY MORNING

7:15–8:15 A.M. Silver Mine A/B Breakfast

7:00–9:30 A.M. Foyer B/C Registration open

8:30–10:15 A.M.

Prospector 4 WAEA PRESIDENT AND KEYNOTE ADDRESSES

Welcome

Russell Tronstad, 2011 WAEA President, University of Arizona

WAEA Presidential Address

“Deciding Where to Publish: Some Observations on Journal Impact Factor and Article Influence Score”

Greg Perry, Colorado State University

WAEA Keynote Guest Address

“Behavioral Environmental Economics: Issues in the American West”

Jason Shogren, University of Wyoming

Prospector 4 EXPLORING THE TEACHING-OUTREACH BOUNDARY IN AGRIBUSINESS CAPSTONE COURSES ORGANIZED SYMPOSIUM I**Organizer/Moderator: John Park, Texas A&M University**

Student Expectations of Industry with Applications for Capstone Teaching
 Industry Expectations of Faculty and Students with Applications for Capstone Teaching
 Lessons Learned from AgEcon 478 at the University of Idaho

*Rodney Holcomb**, Oklahoma State University
*Aaron Johnson**, University of Idaho
*Larry Makus**, University of Idaho

Prospector 3 BIOFUELS**Moderator: Dannele E. Peck, University of Wyoming**

Profitability of Camelina Sativa as a Biofuel Feedstock in Northeastern Colorado
 Economic Potential of Using Switchgrass Pastures to Produce Stocker Cattle Grain and Bioenergy Feedstock
 Increasing Cost of Delivering Switchgrass Feedstock as the Number of Biorefineries Increase
 Economic Analysis of Potential Camelina Oil Crop Supplies in the Northwest

*Andrew Brandess**, Catherine Keske, Dana Hoag, and Jerry Johnson, Colorado State University
*Billy J. Cook, Jon T. Biermacher**, Jagadeesh Mosali, and John Blanton, Jr., The Samuel Roberts Noble Foundation, Inc.
*Mohua Haque**, The Samuel Roberts Noble Foundation, Inc., and Francis M. Epplin, Rodney Holcomb, and Phil Kenkel, Oklahoma State University
*Lukas C. Stein** and Penelope L. Diebel, Oregon State University

Prospector 2 THE BEEF (IT'S WHAT'S FOR DINNER!) SUPPLY CHAIN**Moderator: Michelle Kibler, Colorado State University**

Consumers' Characteristics and Willingness to Pay for Locally Produced Agricultural Products: A Case Study of Rib-Eye Steaks in the Rural Northern Great Plains
 In-Restaurant Field Experiment of Factors that Influence Consumer Choice of Beef Attributes
 Price leadership between Beef Packers and Retailers in the United States
 Cow Calf Producer Perceptions of Incentives for Value Added Management Practice Adoption

*Kuo-Liang Chang** and George Langelett, South Dakota State University
*Faiza Saeed**, Aarhus University, Russell Tronstad, and Satheesh V. Aradhyula, University of Arizona
*Lisi Xue**, Kansas State University
*Stephanie Schumacher, Kellie Curry Raper**, and Derrell S Peel, Oklahoma State University

Prospector 1 RISK**Moderator: Larry Janssen, South Dakota State University**

Economic Efficiency and Downside Risk
 The Impact of Ad-hoc Disaster Programs on the Use of Conservation Practice
 Relative Price Volatility of Large Market versus Small Market Crops in North Dakota

*Elizabeth Anne Yeager**, Purdue University, and Michael R. Langemeier, Kansas State University
*Karina Schoengold**, University of Nebraska
*Frayne Olson, Joleen Christine Hadrich, and Ryan Larsen**, North Dakota State University

Silver Mine A ENVIRONMENTAL ECONOMICS**Moderator: Susan Capalbo, Oregon State University**

Measuring Values for Environmental Public Goods: Incorporating Gender and Ethnic Social Effects into Stated-Preference Value-Elicitation Methods
 Testing Whether Marginal Values of Attributes Are Stable Across CVM and Choice Experiments Designs
 Attitudes and Willingness to Accept Compensation for Carbon Offset Production in Florida: Application of Best-Worst Choice Modeling
 An Econometric Model of Determinants of Visitor Use on Western National Forest

*Chian Jones Ritten**, University of Wyoming
*John B. Loomis**, Colorado State University, and Luis Santiago, University of Puerto Rico
*Jose Roberto Soto**, and Damian Adams, University of Florida
*Kevin Michael Kasberg**, John B. Loomis, and Stephen R. Koontz, Colorado State University

Silver Mine B INTRIGUING COMMODITY MARKETS**Moderator: Luis Moises Pena-Levano, University of Georgia**

Regional Free Trade Agreement and Apple Exports
 Price Discovery, Volatility Spillovers and Adequacy of Speculation in Cheese Spot and Futures Markets
 Demand Analysis and Market Opportunities for Specialty Potatoes: A Multi-City Comparison
 A Partial Equilibrium Model of Adopting High Oleic Soybean Oil

*Boya Liu** and Stephen Devadoss, University of Idaho
*Marin Bozic, University of Minnesota, and T. Randall Fortenbery**, Washington State University
*Chris Huber**, Jennifer Keeling Bond, and Marco Costanigro, Colorado State University
*Joe L. Parcell**, University of Missouri–Columbia

1:30–3:00 P.M.

THURSDAY EARLY AFTERNOON

Prospector 3 SITE-SPECIFIC BIOSAFETY AND BIOSECURITY RISK ASSESSMENT FOR THE NATIONAL BIO AND AGRO-DEFENSE FACILITY (NBAF) ORGANIZED SYMPOSIUM II
Organizer/Moderator: Dustin L. Pendell, Colorado State University

Site-Specific Risk Assessment for the National Bio and Agro-Defense Facility in Manhattan, KS	<i>Dustin L. Pendell*, Colorado State University</i>
Epidemiological Modeling of Foot and Mouth Disease for Laboratory Risk Assessments	<i>Margaret A. Rush*, Gryphon Scientific</i>
An Economic Assessment of the National Bio and Agro Defense Facility	<i>Tom L. Marsh*, Washington State University and Dustin L. Pendell, Colorado State University</i>

Prospector 2 LAND ECONOMICS Moderator: **Eric Houk, California State University–Chico**

The Impact of Credit Constraints on U.S. Housing Price: Estimated by a Non-Parametric Approach	<i>Yarui Li* and David Leatham, Texas A&M University</i>
Credit Constraints and Farm Cost Efficiency	<i>Levi Alan Russell* and Michael R. Langemeier, Kansas State University</i>
Determining Fiscally Efficient Locations for Public Service Provision	<i>Scott N. Lieske, Roger H. Coupal*, Anna M. Scofield, and Donald M. McLeod, University of Wyoming</i>
Land Prices During Periods of Rapid Change	<i>Bryan Schurle*, Allen Featherstone, Christine A. Wilson, and Dylan Crosson, Kansas State University</i>

Prospector 1 PRICE FORECASTING AND PRICE RISK Moderator: **Nate Lyman, University of Arkansas**

Analysis of Efficiency Gains in Commodity Price Forecasting Using ARMA Models on Varying Aggregation Levels of Daily Cash Prices	<i>Luis Moises Pena-Levano*, Octavio A. Ramirez, and Jack E. Houston, University of Georgia</i>
Understanding and Forecasting Wheat Basis: An Empirical Investigation	<i>T. Randall Fortenbery*, Washington State University</i>
Basis Volatility Risk Premiums in Forward Contract Bids	<i>Mykel Taylor*, Rich Llewelyn, Glynn T. Tonsor, and Kevin Dhuyvetter, Kansas State University</i>
Fed Cattle Marketing and Grid Price Risk: A Portfolio Approach	<i>Scott W. Fausti, Matthew Diersen, Bashir Qasmi*, and Gerald Wang, South Dakota State University, and Matt Stockton, University of Nebraska–Lincoln</i>

Silver Mine A ENVIRONMENTAL ECONOMICS Moderator: **Chian Jones Ritten, University of Wyoming**

Hyperbolic Discounting and Environmental Goods	<i>Gareth Green, Seattle University, and Timothy James Richards*, Arizona State University</i>
The Environmental Kuznets Curve for Pollution—A Look at Causality Structures	<i>Padmaja Pancharatnam*, Texas A&M University</i>
Under-Contribution to Public Goods due to Self-Interested Inequity Aversion	<i>Jura Liaukonyte, Cornell University, Timothy James Richards*, Arizona State University, and Brad Rickard and Harry Kaiser, Cornell University</i>
Cheap Talk and Preference Elicitation for Divisible Public Goods	<i>Ryan Bosworth*, Utah State University and Laura Taylor, North Carolina State University</i>

Silver Mine B EDUCATION Moderator: **Kelly Lange, Texas Tech University**

Are the Characteristics of Students Selecting Online Courses Changing?	<i>John Thomas Mann and Shida Rastegari Henneberry*, Oklahoma State University</i>
Comparison between Student and the General Public Survey Responses	<i>Alicia Ann Israel and Junyi Chen, Texas A&M University, Yanhong Jin, Rutgers University, James W. Mjelde*, Texas A&M University, Rebekka Dudensing, Texas AgriLife Research, and Linda Cherrington, Texas Transportation Institute</i>
Using Economic Theory to Help Undergraduate Students to Think About the Role of Government in the Agricultural Economy	<i>Stephen A. King*, Western Kentucky University, and Jon T. Biermacher, The Samuel Roberts Noble Foundation, Inc.</i>
An Economic Analysis of New Teaching Technologies	<i>Roger Dahlgran*, University of Arizona</i>

3:00–3:30 P.M. Foyers B/C Refreshment Break

3:30–5:00 P.M.

THURSDAY LATE AFTERNOON

Prospector 3 THE SCIENCE OF CLIMATE ORGANIZED SYMPOSIUM III

Moderator: DeeVon Bailey, Utah State University

Applications of Climate Science to Agriculture in Nepal

Robert Gillies, Utah Climate Center, Utah State University*

Prospector 2 EXPERIMENTAL ECONOMICS

Moderator: Chris McIntosh, University of Idaho

Committed Procurement in Privately Negotiated Markets: Experimental Evidence

Darlington Sabasi, Washington State University, and Christopher Bastian, Dale J. Menkhaus, and Owen Phillips, University of Wyoming*

Impacts of Exogenous Supply and Demand Shocks in Private Negotiation: A Laboratory Market Approach

Kaytlyn Cooksey, Christopher Bastian, Dale J. Menkhaus, and Owen R. Phillips, University of Wyoming*

Demand for Human Animal Care in Dairy Market: Application of Experimental Auctions

Levan Elbakidze, University of Idaho, Rodolfo M. Nayga, Jr., University of Arkansas, and Hao Li, Utah State University*

Prospector 3 PRODUCTION ECONOMICS AND RANGE MANAGEMENT

Moderator: Brian Lee, University of Wyoming

A Biological and Economic Model for Grazing Old World Bluestem

Aaron Benson and Cody Silverberg, Texas Tech University*

Economics of Using Clover to Supply Nitrogen Needs of Toxic- and Novel-Endophyte Tall Fescue Pastures

Jon T. Biermacher and Mohua Haque, The Samuel Roberts Noble Foundation, Inc., Andy A. Hopkins, Dow AgroSciences, and D.S. Hubbell, T. Hess, and Paul Beck, University of Arkansas*

A National Assessment of the Long-term Productivity Impacts from Soil Erosion in China

Lingling Hou, Dana L. Hoag, and Mazdak Arabi, Colorado State University*

Bayesian Updating of Recommended Optimal Nitrogen Application Rates from Optical Reflective Measurements

Brandon R. McFadden and Wade Brorsen, Oklahoma State University*

Silver Mine A WATER ECONOMICS

Moderator: Eric Houk, California State University–Chico

Land Allocation Decisions under Natural and Institutional Risks of Water Shortage on an Irrigated Landscape

Wenchao Xu, Kelly M. Cobourn, Scott E. Lowe, and Sian Mooney, Boise State University*

Importance of Irrigated Agricultural Production in the Western U.S.

Noel Gollehon, USDA*

An Empirical Analysis of Surface and Ground Water Use Externalities on the Eastern Snake River Plain

Kelly M. Cobourn, Boise State University*

Silver Mine B HOUSEHOLD ECONOMICS AND CONSUMER DEMAND

Moderator: Thomas Harris, University of Nevada–Reno

Using Censored Cross-Sectional Data to Estimate Household Income Elasticities

Maria de Lourdes Mejia and Derrell S Peel, Oklahoma State University*

Consumer Behavior Towards Private Labels Across Categories

Sophie Theron and Timothy James Richards, Arizona State University*

Preschool Childhood Obesity in the South: Implications from the Healthier Generation of Kids Initiative

Vahe Heboyan, University of Georgia*

Regional Demands for Disaggregated Away-from-Home and At-Home Food Product

Abigail Okrent and Aylin Kumcu, USDA*

5:00 P.M. Dinner on your own

7:15–8:15 A.M. Prospector 4 Breakfast and WAEA Business Meeting

FRIDAY EARLY MORNING

8:30–10:00 A.M.

Prospector 3 ADVANCES IN EMPIRICAL METHODS: THE WHAT, WHEN, AND HOW ORGANIZED SYMPOSIUM IV

Organizer/Moderator: Anton Bekkerman, Montana State University

Mixture Models with Censored Data in R

Eric Belasco, Montana State University*

How to Get More from Demand Models Using Simulations in Matlab

Glynn Tonsor, Kansas State University*

Semi-parametric Spatial Modeling in SAS and SaTScan

Anton Bekkerman, Montana State University*

Heirarchical Linear Models with Time Series in SAS

Saleem Shaik, North Dakota State University*

Prospector 2 PLANT AND ANIMAL DISEASES

Moderator: Noel Gollehan, USDA

Livestock Disease Trade Measures under Alternative Market Conduct

Philip L. Paarlberg, Purdue University, and Ann Hillberg Seitzinger and Kristyn Stone, Animal and Plant Health Inspection Service*

Stock Market Reaction to Animal Disease Outbreaks: An Event Study in Korean Foot-and-Mouth Disease

Chulgu Cho and Dustin L. Pendell, Colorado State University*

Quantifying the Economic Value of Genetic Disease Resistance in Plants: The Case of Blast, Smut, and Sheath Blight Resistance in Arkansas Rice Varieties

Lawton Lanier Nalley and Nate Lyman, University of Arkansas*

Prospector 1 SOCIOECONOMIC RESEARCH

Moderator: Jay Noel, Cal Poly–San Luis Obispo

Social Networks and New Product Choice

Timothy James Richards, Arizona State University, and Stephen F. Hamilton, Cal Poly–San Luis Obispo*

The Role of Agroclimatic and Socioeconomic Factors in Adoption of Direct Seeding in the Inland Pacific Northwest

Genevieve Christine Pickart and Douglas L. Young, Washington State University*

A Qualitative Investigation of Farm Succession in Texas

Kelly Lange, Jeff Johnson, Phillip Johnson, Darren Hudson, Chenggang Wang, and Bill Gustafson, Texas Tech University*

How Journal Article Organization Impacts Citation Rate

Jayson Lusk, Oklahoma State University, Joe L. Parcell, University of Missouri–Columbia, and Glynn T. Tonsor, Kansas State University*

Silver Mine A REGIONAL ECONOMICS

Moderator: Andrew Brandess, Colorado State University

The Impact of the Dairy Industry in the Southern Ogallala Region

Bridget L. Guerrero, Texas AgriLife Extension Service, and Stephen H. Amosson and Ellen Jordan, Texas A&M University System*

Comparison Between Default IMPLAN Interindustry Models and Hybrid IMPLAN Models for Estimation of Public Land Grazing Impact

Elizabeth Fadali and Thomas Harris, University of Nevada, Reno, and David Tex Taylor and Thomas Foulke, University of Wyoming*

Can California Afford to Lose Its Preferential Agricultural Tax Policy? Can It Afford Not to? A County-Level Case Study of the Williamson Act

Lynn Hamilton and Hayley Loehr, Cal Poly–San Luis Obispo*

Food Environment in the United States as a Complex Economic System

Senarath Dharmasena, David A. Bessler, and Oral Capps, Jr., Texas A&M University*

Silver Mine B ENERGY ECONOMICS

Moderator: Brandon R. McFadden, Oklahoma State University

Learning from the Landman: Transaction Cost Lessons from Oil and Gas Leasing

Timothy Fitzgerald, Montana State University*

The U.S. Renewable Fuels Program: A Global Welfare Decomposition

Samuel Evans and Dana L. Hoag, Colorado State University, and Jayson Beckman and Ronald Sands, USDA*

Impacts of environmental policy on energy pricing: “ how much do electricity grid dynamics matter?”

Roger Coupal, Robert W. Godby, Greg Torrell, and Jolene Green, University of Wyoming*

10:00–10:30 A.M. Break Check out before 11 A.M.

10:30–Noon

FRIDAY LATE MORNING

Prospector 3 SCARCITY OF WESTERN WATER *ORGANIZED SYMPOSIUM V*

Moderator: DeeVon Bailey, Utah State University

Water Management Issues from an Engineering Viewpoint

Wynn Walker, Civil and Environmental Engineering Department, Utah State University*

Critical Water Resource Issues for the West

Mac McKee, Utah Water Research Laboratory, Utah State University*

Prospector 2 AGRICULTURE AND FOOD POLICY

Moderator: Lynn Hamilton, Cal Poly—San Luis Obispo

Effects of Decoupled Payments on Indica Rice Production Under the 1996 and 2002 Farm Bills

Anthony D. Becker and Rebecca Judge, St. Olaf College*

Farm Level Impacts of Regulations on Genetically Modified Sugar Beets in SE Wyoming

Brian Lee, John Ritten, Christopher Bastian, and Andrew Kniss, University of Wyoming*

Optimal Licensing of an Agricultural Innovation: Fees versus Licenses

Di Fang and Timothy James Richards, Arizona State University, and Bradley Rickard, Cornell University*

The Relationship between Monetary Factors and the U.S. Retail Food Price Level

Andrew Pulford, Jim Ahern, Michael Paul McCullough, and Eivis Qenani-Petrela, California Polytechnic State University, San Luis Obispo*

Prospector 1 ENERGY AND ENVIRONMENTAL POLICY

Moderator: Timothy Fitzgerald, Montana State University

Assessing State Policies for Encouraging Photovoltaic Energy Systems

Nadine Hanhan and Susan M. Capalbo, Oregon State University*

EPA Fuel Blend Policy Changes and the Economic Impact on South Dakota: An Input-Output Analysis

Michael Miller, South Dakota State University, and Brody Padgett, Cargill, Inc.*

Agricultural Landowners' Response to Incentives for Afforestation

Taeyoung Kim and Christian Langpap, Oregon State University*

Silver Mine A CATTLE PRODUCTION

Moderator: Larry Janssen, South Dakota State University

Estimated Efficiency of U.S. Cow-Calf Operations

Michelle Kibler and Dustin L. Pendell, Colorado State University*

Forecasting the Price of Cull Cows

Dillon M. Feuz, Utah State University*

Measuring Profit Variability in Fed Cattle Production

Brian Sancewich and Ted C. Schroeder, Kansas State University, Eric Belasco, Montana State University, and Brad J. White and David Renter, Kansas State University*

What Is a Future Herd Sire Worth? An Analysis of the Premiums Paid for Genetic and Phenotypic Differences at a Bull Consignment Auction

Jacob N. Brimlow and Stephen P. Doyle, California State University, Chico*

Silver Mine B A PERFECT PAIRING: WINE AND FARMERS MARKETS

Moderator: Vahe Heboyan, University of Georgia

The Demand for California Winegrapes: Results from a Regionally-Specified, Flexible-Form Demand System Estimation

Kate Binzen Fuller and Julian Alston, University of California, Davis*

Estimating Willingness to Pay for Reduced Sulfite Content in Wine

Christopher Appleby, Marco Costanigro, and Dawn Thilmany McFadden, Colorado State University*

Analysis of Consumer Motivations for Attending Farmers Markets: Who Buys Fresh?

Jean Dominique Gumirakiza and Kynda Curtis, Utah State University*

Pierce's Disease and Related Policies in the California Wine Industry: Results from a Market Simulation Analysis

Kate Binzen Fuller and Julian Alston, University of California, Davis, Jonathan Kaplan, California State University Sacramento, and Kabir Paul Tumber, University of California, Davis*

Noon–1:30 P.M. Prospector 4 Awards Luncheon and Adjourn