



# UNIVERSITY OF WYOMING

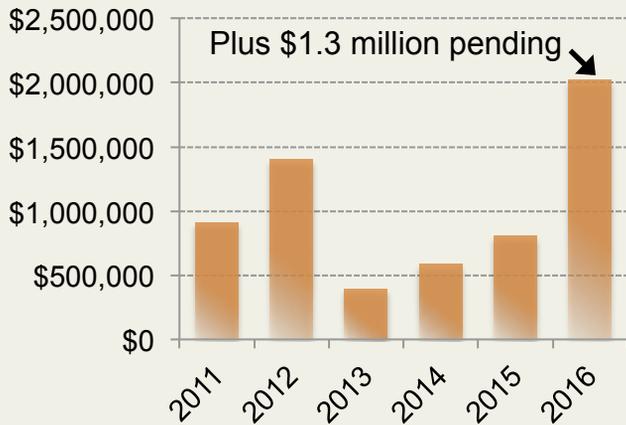
Department of Agricultural and Applied Economics

## Research Program

*Award winning research solving local, regional, national, and global challenges*

AGEC faculty conduct research on a broad array of topics that harness interdisciplinary collaborations throughout the College of Agriculture and Natural Resources; attract competitive extramural funding; leverage partners in state/federal agencies, Extension, NGOs, and other universities; and integrate graduate and undergraduate education. By integrating all three pillars of the land-grant mission, we strive to produce research that is internationally relevant and locally impactful while educating UW students and informing Wyoming stakeholders.

### Competitive Grant Funding



### Research Highlights, 2011-16

- ✧ 100 Peer-Reviewed Publications
- ✧ 36 Publications with Student Co-Authors
- ✧ Over \$6.1 Million in Competitive Funding
- ✧ 146 Graduate Student-Semesters Supported
- ✧ 6 National Research Awards
- ✧ 6 Editor or Associate Editor Positions

*Every dollar invested in agricultural research and Extension in Wyoming generates \$13 of benefits in the state and \$24 of benefits nationally.*

*-from research by Dr. Matt Andersen*





# UNIVERSITY OF WYOMING

Department of Agricultural and Applied Economics

## Diverse Research Topics...

### *Production/Farm & Ranch Management*

- ◆ Risk Management
- ◆ Drought Mitigation
- ◆ Range Management
- ◆ Animal Disease and Genomics

### *Agricultural Research & Development*

### *Consumer/Food Policy & Marketing*

- ◆ Obesity & Gender
- ◆ Experimental Economics
- ◆ Food Preferences
- ◆ Emerging Economies
- ◆ Market Structure and Performance

### *Resource & Environmental Economics*

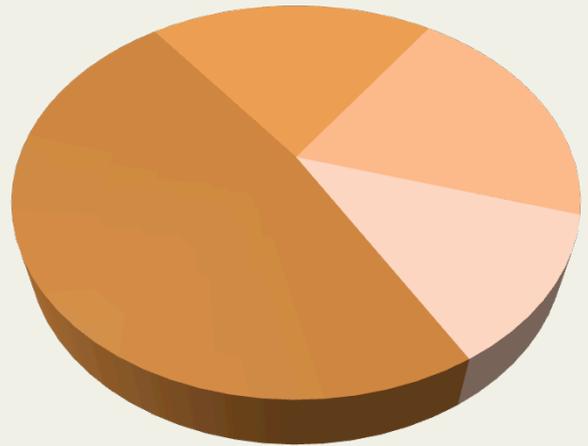
- ◆ Environmental Markets
- ◆ Land-Use Change
- ◆ Wildlife Conservation
- ◆ Water Use & Conservation
- ◆ Wildfire Prevention
- ◆ Recreation & Tourism Valuation
- ◆ Pollinator Preservation

### *Energy Economics*

- ◆ Electricity Transmission
- ◆ Biofuels & Carbon Sequestration
- ◆ Renewable Energy

*Driven by applied problems, AGECE research attracts funding from both highly competitive federal programs and Wyoming stakeholders*

## Research Funding Sources



■ Federal ■ State ■ Private/NGO ■ Other

## Real-World Impacts...

*Improving ranch viability in the face of drought, wildfire & disease*

***Increasing the efficiency of agricultural & food markets***

*Helping develop more effective agricultural policies & investments*

***Increasing the efficiency of wildlife & pollinator habitat conservation***

*Informing land-use policy and planning*

***Resolving public-private land management conflicts***

*Improving state & local community development initiatives*

