

2012 FAIR
Farm Animal Integrated Research

Deb Hamernik
Interim Associate, Vice Chancellor for Research
Associate Dean, Agricultural Research Division
Associate Director, Nebraska Agricultural Experiment Station
University of Nebraska-Lincoln

Innovate 2012
Shell Beach, CA
October 3-5, 2012

2012 FAIR

Farm Animal Integrated Research

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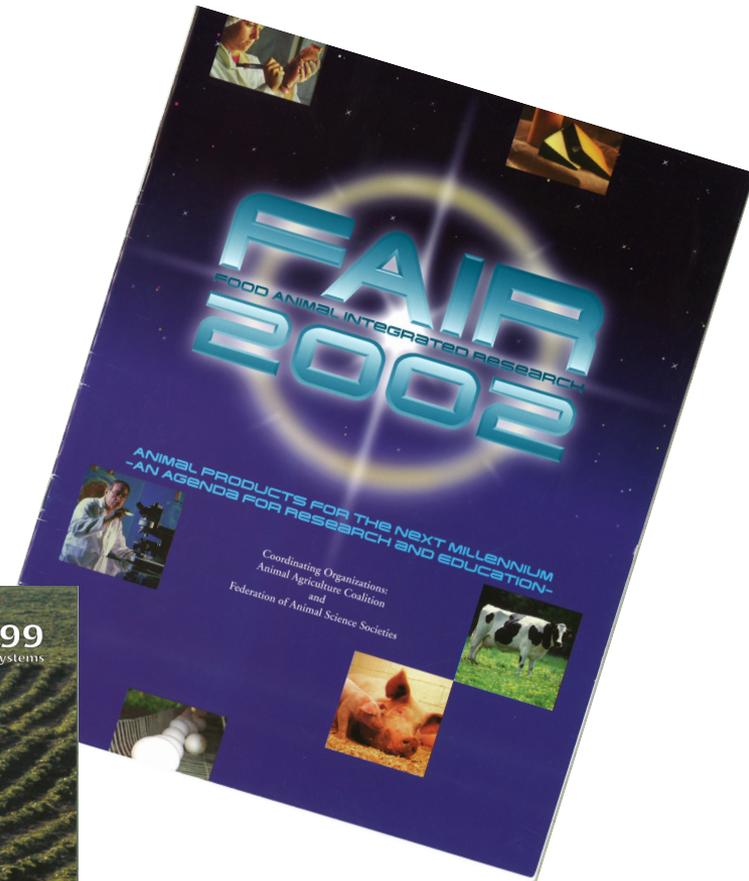
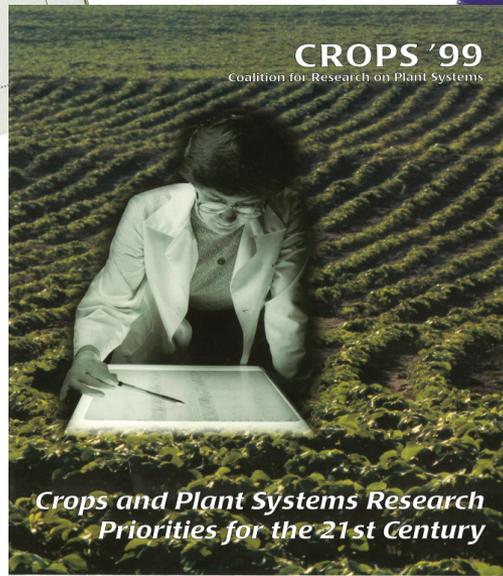
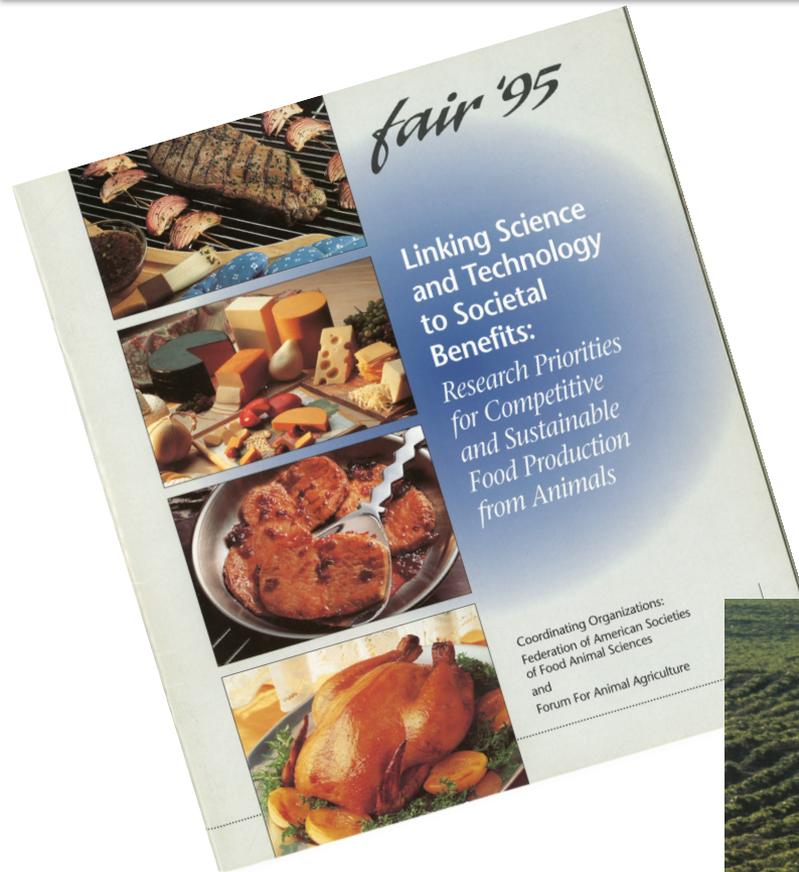
NATIONAL RENDERERS ASSOCIATION



Animal Agriculture Coalition



Related Events



FAIR 2002
April 1999



National Stakeholder Workshops—Every Five Years:
Animal Production (2011)
Animal Health (2010)
Food Safety
Natural Resources & Sustainable Agricultural Systems

2012 USDA REE White Papers

- Bioenergy Sciences
- Climate Change
- Food Safety
- Global Food Security
- Nutrition and Childhood Obesity
- Sustainable Agricultural Systems

Funding for Animal Research

- Public funding for agricultural research has been stagnant for the past 30 years
- From 1998-2012, USDA funding for research: 71% plants vs 29% animals
- In 2010, less than 0.03% of USDA budget (\$97 B) applied to ag animal research
- Plant and animal research is underfunded

Purpose

Conduct a **national** forum to establish **consensus priorities** for farm animal research, education, and extension activities that can be used by federal research agencies, the allied animal industry, and states to provide efficient and sustainable farm animal production systems to meet the increased global demand for food by 2050.

Desired Outcomes

- *Prioritized* list of the most urgent issues facing animal agriculture
- *Prioritized* list of knowledge gaps that limit efficient and sustainable farm animal production systems
- Incorporation of priorities into USDA competitive grant programs or intramural research programs
- *Strategies to expand the base of support for infrastructure and operations for farm animal research, education, and extension*
- *Strategies to reinvigorate the partnership between academic departments and the allied animal industries*
- Better understanding and increased support for future needs of farm animal production systems by local, state, and federal decision makers, including the 2012 (2013) Farm Bill

Conference Logistics

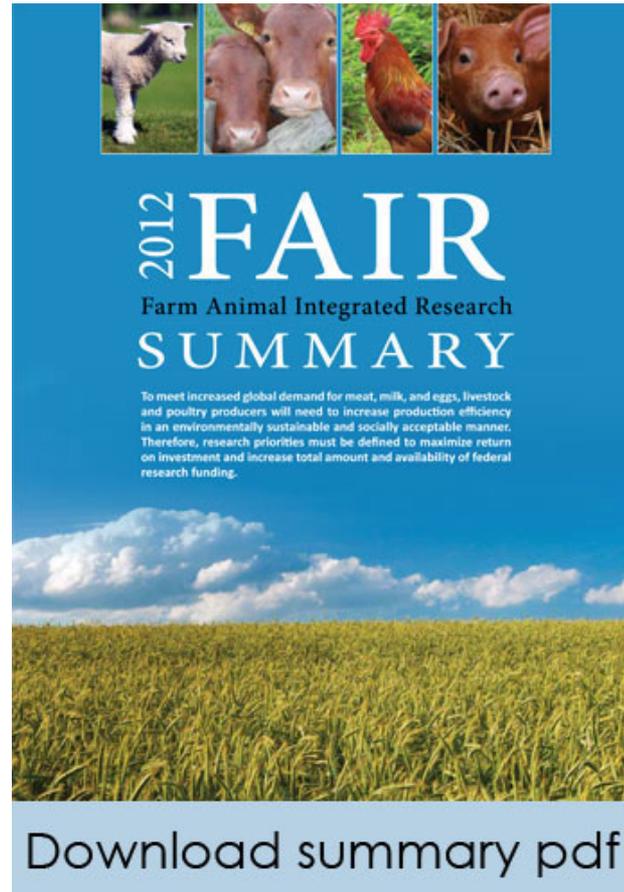
- March 4-6, 2012
- Renaissance Hotel, Arlington, VA
- 13 speakers
- 3 breakout sessions
- Scientists and administrators from academia, industry, government
- Students as Recorders

Participants

Attendance: >160 total

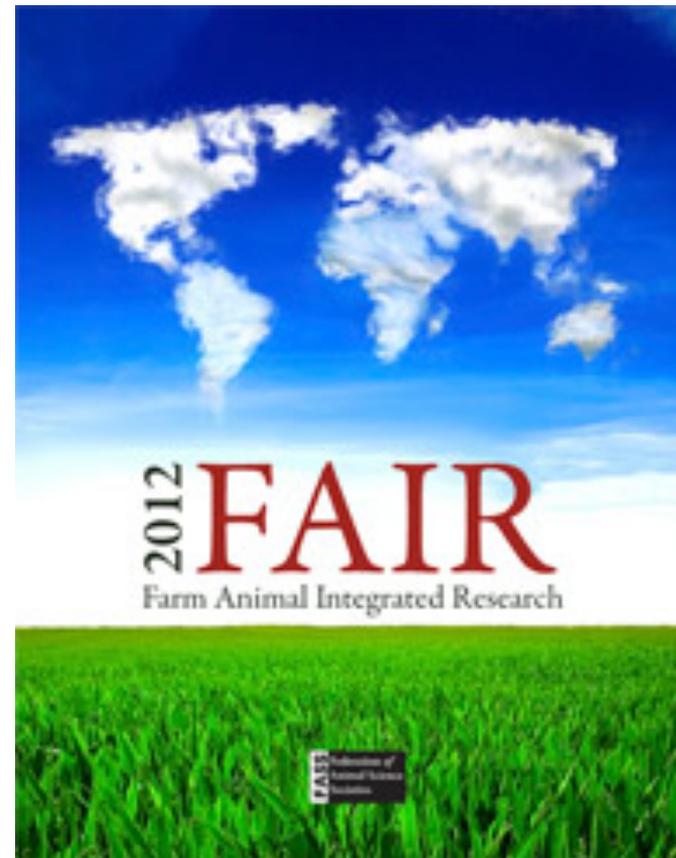
	<u>Desired:</u>	<u>Actual:</u>
Academia	50%	58%
Industry	30%	33%
Government	20%	9%
Students (20)		

Summary: 2 pages



<http://www.asas.org/public-policy/asas-summary-of-fair-2012>

Reports: 8 and 15 pages



http://www.fass.org/docs/FAIR2012_Summary.pdf

http://www.fass.org/docs/FAIR2012_LongDoc.pdf

Priorities

- Food Security
 - Efficient production & use of resources
- One Health
 - Animals, People, Planet
- Stewardship
 - Animal Well-Being and Environment

Key Topics

- **Food Security**
 - Feed Efficiency
 - Energetic Efficiency
 - Connecting “omics” to production
 - Reproductive Efficiency

Key Topics

- **One Health**
 - New approaches to vaccine development
 - Zoonotic diseases with an emphasis on food safety
 - Improving animal health through diet and feed

Key Topics

- **Stewardship**
 - **Animals**
 - Housing
 - Pain management
 - Transportation
 - Euthanasia
 - **Environment**
 - Water quality and quantity
 - Soils
 - Greenhouse gas production

Crosscutting Issues

- **Balanced Portfolio**
 - Research, education, extension
- **Size and Scope of Projects**
- **Enhanced Collaborations**
 - NIH, NSF, DOE...
- **Increased Public Awareness**
- **Regulations**
 - Environment, pharmaceuticals, trade...
- **Data Mining**

Who Will Use the FAIR 2012 Reports?



- Founding Goals: *To provide a unified voice in Washington, D.C. for influencing legislation and funding on behalf of animal agriculture.*
- FASS Science Policy Directors: Walt Smith and Lowell Randel

Who Will Use the FAIR 2012 Reports?



- Founded by Heads of Animal, Dairy, and Poultry Science Departments
- 501(c)6 organization—advocate for increased funding for animal research, extension, teaching
- Partner with public and private sector groups
- Led by Russell Cross (TAMU), Walt Smith, and Lowell Randel

Who Will Use the FAIR 2012 Reports?



- Roger Beachy
- William Danforth
- Don Kennedy
- Carol Tucker-Foreman

Fund USDA NIFA AFRI at \$700 million

Who Will Use the FAIR 2012 Reports?



- Improve agricultural productivity and environmental performance
- Enhance availability of and access to nutritious foods
- Promote opportunities for rural communities to succeed economically
- Co-Chairs: Dan Glickman, Gary Hirshberg, Jim Moseley, Emmy Simmons

Bottom line...

- To meet increased global demand for meat, milk, and eggs, livestock and poultry producers will need to increase production efficiency in an environmentally sustainable and socially acceptable manner.
- Development and adoption of new technologies is essential to meet the critical challenges in food production

Questions?

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