LAND GRANT IMPACTS PORTAL

NATIONAL EFFORTS RELATED TO IMPACTS

- In 2010, ESCOP appointed a writer to create impact statements for multistate projects
- In 2012, ECOP appointed an ad hoc committee to compile impact statements from each institution

NC-1029 (2006-2011)

Applied Animal Behavior and Welfare

Who cares and why?

Understanding animal welfare has become increasingly important to livestock producers in the U.S. and internationally. Recent legislative initiatives in the U.S. and the establishment of global animal welfare standards by the World Organisation for Animal Health all indicate that animal welfare concerns will play large roles in determining the future survival and competitivenes of livestock producers. In general, consumers, legislators and activists have expressed concerns regarding the quality of life experienced by agricultural animals. In particular, there is strong public concern that farm animal welfare is compromised as a result of fear, pain, and suffering The possibility that animals suffer greatly due to excessive fear during interactions with handlers, social disruptions, and exposure to transport conditions is of particular concern. Management practices associated with fear and pain are also viewed very negatively by animal scientists and veterinarians. As a result, several animal welfare certification programs now include assessment of fear levels in their auditing procedures; however, little is known about whether such assessments accurately and reliably measure fear in animals.

What has the project done so far?

Over the past five years, NC-1029 members have formed working sub-groups to design fear tests for use on farms with small runniants, swine, poultry, and cattle. Members of the working groups have designed protocols for validating tests that are commonly used to assess fear in laboratory animals to be sure that these tests accurately measure fear his project has compiled unique data sets regarding appropriate tests for assessing ar in livestock through collaborative multitte research efforts.

NC-1029 has been working to test for and reduce fear among smal ruminants, like sheep. Fear and suffering can result from improper handling, transporting, and other practices that startice, cause pain

y of the animals. Photos courtesy of USDA-AP



Piglets are one of the main subjects of animal welfare studies. The goa is to improve animal handling practices to reduce stress on the animal which also lowers production costs for livestock producers. Photo courtew of USDA-ARS

NC-1029 Impact Statement, Page

NIDB LEADERSHIP COMMITTEE

- ECOP and ESCOP partner in Fall, 2014 and appoint a joint committee
- Meetings conducted by distance technology
- 3-year appointment, subject to review

Name	Representing
Bill Brown, Co-Chair	Experiment Station Directors
Tim Cross, Co-Chair	Extension Directors
Ron Brown	Southern Extension Directors
Scott Cummings	Texas A&M Development Team
Steve Loring	Western Experiment Station Directors
Ashley Hawn	Kglobal representative
Debby Lewis	Extension
Sarah Lupis	Western Experiment Station Directors
Tyrone Miller	1890 Institutions
Faith Peppers	Communications (ACE)
Adele Turzillo	USDA-NIFA
Eric Young	Southern Experiment Station Directors

MARCH 2, 2015 LAUNCH



Your monthly snapshot of extraordinary work from the members of

This is a monthly, internal email highlighting some of the stories featured on the Ag Is America website, Twitter feed, and Facebook page. Ag Is America's goal is to share the land-grant story with important legislative and media audiences, and our goal in sending this newsletter to you is to demonstrate the types of stories that resonate with our followers.



National Impact Database Launched March 2

On March 2, the National Impact Database Committee announced the launch of the Database as Un march <, the National impact Database Committee announced the launch of the Database as well as the corresponding public facing Land-Grant Impacts website. The Database is an internal resource that allows designated university contacts to upload and update impact statements, and the Land-Grant Impacts website highlights the land-grant story and impact for the general public. The

Here's what Dr. Sonny Ramaswamy, director of National Institute of Food and Agriculture, U.S. Department of Agriculture said: "The Land-Grant Impacts website is a new tool that will better Department or Agriculture sale. The Carlo-Grant Impacto reactive is a new root transmission inform the American people and the international community of the significant agricultural research, education and extension impacts taking place at land grant universities across our nation, which evolution and extension improve taking prove as rains grant universities allows our mattern, which offer practical solutions to today's critical societal challenges. This website will help policy makers and the public learn more about this work that is partially supported with NIFA funding."

Here's what Barbara Allen-Diaz, vice president, University of California, and chair of BAA Policy Board of Directors said: "Articulating positive changes as a result of Agriculture Experiment Station and Cooperative Extension research and education is critical today. The Board on Sanon and Sooperarive Extension research and education is onlinear locally. The overol on Agriculture Assembly (BAA) celebrates the launch of this web site. Having a searchable source for regreature research grows constructed the nation of this web and, nating a selection outco for outcomes of our work will help to communicate the value of our research and extension programs in

APLU/ NID Collateral

February 6, 2015

A Public Voice

LAND-GRANT UNIVERSITIES UNVEIL NEW ONLINE RESOURCE

Website Features History and Impact of Experiment Station and Cooperative Extension

February 23, 2015 – The Association of Public Land-grant Universities (APLU) announced the launch of the Land-Grant Impacts website, which was developed and will be maintained by several Land-grant universities. The public-facing website showcases how land-grant universities use teaching, research, and extension to positively affect the agriculture

industry, local communities, and the nation at large.

"The Land-Grant Impacts website is a new tool that will better inform the American people and the international community of the significant agricultural research, education and extension impacts taking place at land grant universities across our nation, which offer practical solutions to today's critical societal challenges. This website will help policy makers and the public learn more about this work that is partially supported with NIFA funding," said Dr. Sonny Ramaswamy, director, National Institute of Food and

Agriculture, U.S. Department of Agriculture.

The website also hosts an internal database where land-grant universities and institutions can share results and updates of local, state, and regional Experiment Station and can share results and updates of local, state, and regional Experiment station t Cooperative Extension efforts. These impact statements specifically highlight advancements made to benefit food security; nutrition and health; youth, family, and communities; environmental stewardship; energy and bioproducts; and agricultural

systems.

"Articulating positive changes as a result of Agriculture Experiment Station and Cooperative Extension research and education is critical today. The Board on Agriculture Assembly (BAA) celebrates the launch of this web site," said Barbara Allen-Diaz, vice Assentibly [DAA] celebrates the launch of this web site, said Darbara Allen-Diaz, vice president, University of California, and chair, BAA Policy Board of Directors. "Having a searchable source for outcomes of our work will help to communicate the value of our research and extension programs in our land grant universities."

PRIMARY AUDIENCES AND USES

General	Land	USDA-	Kglobal
Public	Grants	NIFA	
Information and key contacts for subjects of interest	Reporting tool capturing broad program impacts	Responses to state and subject matter inquiries	Content for Grasstops advocacy and social media

- Developed to highlight mission of Land-Grant University system
- Houses the Excellence in Extension database
- Houses the Land-Grant Impacts database
- Portal for general public to search state, regional, and national impact statements

http://landgrantimpacts.tamu.edu/

Land-Grant Impacts



was built on behalf of those who have invested their hopes, their support,

VIEW IMPACTS

TEACHING

RESEARCH ~

and their confidence in these public universities.



AREAS OF IMPACT

FOOD SECURITY

Ensuring everyone's family has enough to eat, and that their food is safe, affordable, nutritious, and readily available.

NUTRITION & HEALTH

Providing for your family's health through nutrition, genomics, physical activity, wellness, and management of chronic disease.

YOUTH, FAMILY, & COMMUNITIES

Creating engaged citizens for our future with economic and community development, leadership, and youth development programs.



ENVIRONMENTAL STEWARDSHIP

Creating a sustainable future for our natural environment through stewardship of the ecosystem, energy conservation, and water management.

AGRICULTURAL SYSTEMS

Ensuring profitability, productivity, and sustainability for food and fiber production systems, using innovative and time-tested methods.

ENERGY & BIOPRODUCTS

Leading the way in energy technologies such as bioproducts, biofuels, biomass, and other energy technologies and techniques.

Search or browse through the statements below to learn more about the impact of land-grant institutions.

View Impacts

Institution based Filters:

All Regions	*	All States	*	All Types	*	All Designations 🔹
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All Years	*	All Focus Areas	-	All Tags	*	All Funding Sources 💌

View Impacts

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The farmers in Baker County and southwest Georgia are primarily producing cotton and peanuts. Corn production at the	er Weather Wa h Florida is know sas 2013 Agricu ays of Grazing he increase of in ia 2013 Agricul ushel Corn Pro	atch [*] Program Help wn for warm weather a ultural Systems g Program Reduces uputs for livestock pro- ltural Systems ogram	and mild winte Livestock P i ducers includir	rs, it's not unust	ual for the Sunshine State to Costs d and fuel (the three Fs) plu	s the cost	

Arkansas University of 300 Days of Grazing Pro	Agricultural Systems	
Impact Statement:	With the increase of inputs for livestock producers including: fertilizer, feed and fuel (the three F's) plus the cost of equipm become ever more important to utilize inputs and resources wisely. The ability to graze livestock for 300 days or more per rising prices of inputs for producers.	
	The Prince farm agreed to become a whole farm demonstration in 2009. The farm was already working with county agent on a grazing management system for the farm so the 300 days of grazing program was a good fit to increase the number of individuals that would be watching over the farm. In 2009 Extension personnel collected data from the farm on previous management activities and also did forage inventories on every field on the farm. Soil fertility was also obtained by soil sampling the entire farm and fertility adjustme several fields to increase there productivity.	ints were made over time on
	The 300 Days of Grazing program on the Prince farm did allow for over 300 Days of Grazing in 2009, 2010 and 2011. By increasing the number of grazing days it reduced the amount of hay that had to be fed to the cow herd. The farm had normally fed hay approxim to enrolling in the program. Now the average number of days for feeding hay is less than 65 days per year, saving the farm year over the three year span in hay feeding cost. This savings in hay feeding has been accomplished while increasing the being grazed on the farm.	n an estimated \$17,000 per
Tags: Name:	Mike Andrews	
Email: Links:	mandrews@uaex.edu	

IMPACT WRITING TRAINING

- Housed on eXtension.org
- Free to members of eXtension
- \$80.00 for enrollment otherwise
- <u>https://extension.org/impact-statement-reporting/</u>