



Research and Impact Communiqué

October 1, 2014

This communiqué brings you research and impacts from the projects we support in Africa and South East Asia as well as insights into our investigators, resources, up and coming conferences and funding opportunities. Visit our website at lccrsp.org and/or sign up to receive the monthly communication by email.

Activities of the Livestock Innovation Lab

Project Impacts



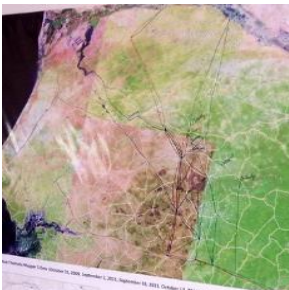
[New Video on CAMELS Project in East Africa](#)

Promoting the Innovations Lab's project with Iowa State University — *Camel Adaptation and Medicine in the East-African Landscape (CAMELS)* — Innovation Lab's Ricki Watkins overviews CAMELS' work with the Ethiopian National Animal Diagnostic and Investigation Center (NADIC) to improve camel health and productivity in East Africa in the new video.



[First Meeting for New Project: Grasslands, Rangelands, Livestock and Climate Resilient Mitigation](#)

A new coordination effort led by Livestock Innovation Lab is a two part study on the impacts of improved land management practices on grasslands and rangelands in the Sahel and Horn of Africa regions. Dubbed *Grasslands, Rangelands, Livestock and Climate Resilient Mitigation*, the project's first meeting finalized plans for reporting the application of these principles to pastoralist communities and greenhouse gas sequestration.



[New Relationships Forged between Researchers and NGOs in Mali and Senegal](#)

This June, Peter Shapland and Tamara Thompson of the *Climate Change, Pastoral Resources, and Livestock in the Sahel* project traveled to Mali and Senegal to meet with three local NGOs. Partnerships were created that will allow for better data collection, sharing, and educational opportunities related to pastoralists in the region.

Capacity Building

In September, Livestock Innovation Lab researchers reported capacity building activities that included **210 pastoralists, livestock owners, farmers, researchers and students.**



Focus Group Sessions Improve Data Collection in Senegal

University of Wisconsin's Erin Kitchel ventured to Senegal to assist with the *Management of River Systems in the Future (RIVERS)* project. Five focus group sessions were held and two research assistants trained with Kitchel confirming GPS locations, names, and the status of livestock corridors. Thirteen additional focus groups are anticipated to further facilitate data collection, confirmation, and training in the remaining corridors.



Researchers Visit Nepal to Conduct Consultative Meetings and Trainings

Three researchers visited Nepal to discuss research findings, irrigation techniques, and plans for an international conference. Over ninety farmers and researchers were trained on adapting to and building economic opportunities around livestock production and climate change. Several partners pledged their support for the upcoming conference on climate and development in January.



Veterinarians Assess Diagnostic Capacity and Provide Epidemiological Training in Senegal

University of Florida veterinary researchers assessed labs at Senegal's Ministry of Agriculture and Ministry of Health regarding their diagnostic capability of parasites in people and animals. They further improved on epidemiological capabilities in Senegal through related research and data analysis workshops for 18 men and women. Further project assessment as well as lab and field work is expected during subsequent trips.

Congratulations to the Livestock Innovation Lab's Innovator of the Month!



Thomas O'Malley is a technical writer for the Livestock Innovation Lab and a recent CSU graduate. He has a bachelor's degree in political science and has written many of the articles and research briefs you see on the Livestock Innovation Lab website! If you want to find out more about Tom, read his full interview on the website [here](#).

Conferences and Workshops



[Annual Review Workshop Showcases Research Improving Buffalo Productivity Amid Climate Change in Nepal](#)

Scientific, political, and farming representatives came together in Lalitpur, Nepal to review progress of the project *Improving Nutrition and Reproduction of Buffalos to Adapt to the Impacts of Climate Change in Nepal*. Five presentations were given and three posters presented highlighting training and education, weather analysis advancements, and research findings from the past year.



[East African Pastoralism: Results from 13 studies sponsored by the Livestock Innovation Lab](#)

Livestock Innovation Lab Scholars will be presenting results from thirteen different studies. Results from 4 long term research projects and 9 Scholar projects will be presented at Addis Ababa, Ethiopia, October 24, 2014. Topics include feed sources in drought, the role of gender in pastoral households, carbon sequestration, and Brucellosis in camels. The full conference schedule, along with information about the presenters, may be accessed at the above link.



[The 6th All African Conference on Animal Agriculture](#)

The conference will be held in Nairobi Kenya from 27 – 30 October 2014. With the theme "Africa's Animal Agriculture: Macro-trends and future opportunities" the 6th AACAA plans to showcase the potential of Africa as a production powerbase for livestock and related products with a large potential and multiplier effect in regional and international trade. Livestock Innovation Lab scholars will present their research in a special session.

[International Conference on Climate Change, Kathmandu Nepal](#)

The Livestock Innovation Lab is the conference sponsor for the upcoming International Conference on Climate Change, Innovation and Resilience for Sustainable Livelihood. Livestock Innovation Lab researcher Dr. Nir Krakauer will be acting as co-chair for the conference. The conference will take place January 12-15, 2015 in Nepal. Register for the conference at the conference website: climdev15.org.



Funding Opportunities

[Technical Centre for Agriculture and Rural Cooperation \(CTA\) Agriculture and Climate Change in the ACP Countries](#)

Deadline: 14 October 2014

The Technical Centre for Agricultural and Rural Cooperation is a joint international institution of the European Union (EU) and the African, Caribbean and Pacific (ACP) Group of States. CTA will fund the documentation of proven practices, policies, and ICTs that contribute to increased productivity and resilience of agriculture under changing climate in ACP regions. The practices, policies, and ICTs should be documented in such a way as to provide practical information that will be useful to different stakeholders. The call is open to individuals, groups of individuals, and organizations in EU and ACP countries. Each grant should not be more than €20 thousand. The final date for applications (English, French) is 14 October 2014.

[African Innovation Fund: Innovation Prize for Africa 2015](#)

Deadline: 31 October 2014

The Innovation Prize for Africa (IPA) honors and encourages innovative achievements that contribute toward developing new products, increasing efficiency, or saving cost in Africa. Priority areas for the 2015 IPA include agriculture and agribusiness; environment, energy, and water; and others. The competition is open to African entrepreneurs, academics, and inventors -- and to Africans in the Diaspora if their innovations are of significance for Africa. Prizes are US\$100 thousand for the winner, plus two other prizes of US\$25 thousand each. Additionally, each of 10 finalists will receive up to a maximum of US\$5 thousand in post-prize technical support to assist in moving their innovations to the next step.

[US Department of Agriculture: Borlaug Fellowships 2015](#)

Deadline: 31 October 2014

The U.S. Department of Agriculture welcomes applications for the 2015 Norman E. Borlaug International Agricultural Science and Technology Fellowship Program. The program offers training and collaborative research opportunities to scientists, researchers, and policymakers from 34 developing countries. Themes include soil and water management; agricultural genetics and breeding; livestock health and management; agricultural processing; biotechnology; climate change; biofuels; and others (varying by eligible countries). Fellows work with a mentor at a U.S. university, research center, or government agency -- usually for 6-12 weeks. The U.S. mentor later visits the fellow's home institution to continue collaboration.

[U.S. Agency for International Development \(USAID\): Research by Graduate Students on Global Food Security](#)

Deadline: 10 November 2014

The U.S. Borlaug Fellows in Global Food Security supports U.S. graduate students who are interested in implementing a component of their graduate research in a developing country in collaboration with a mentor from an International Agricultural Research Center (IARC) or a qualifying National Agricultural Research System (NARS). The program especially welcomes applications for research in countries of "Feed the Future" (Bangladesh, Cambodia, Ethiopia, Ghana, Guatemala, Haiti, Honduras, Kenya, Liberia, Malawi, Mali, Mozambique, Nepal, Senegal, Tajikistan, Tanzania, Uganda, and Zambia). Applicants must be U.S. citizens who are enrolled in accredited U.S. graduate programs. All topics that relate to food security (e.g., agriculture, nutrition, ecological resources, poverty, etc.), and that are linked to the research strategies of "Feed the Future," are admissible