Bibliography, Feed the Future Innovation Lab for Collaborative Research on Grain Legumes (Legume Innovation Lab), 2013 to Present

I. Strategic Objective One: Advancing the Productivity Frontier for Grain Legumes

A. Refereed Journal Articles


**Beaver, J.S., J.C. Rosas, T.G. Porch, M. Pastor-Corrales, G. Godoy-Lutz and E. Prophete.** 2014. Desarrollo de líneas de frijol blanco con resistencia a los virus BGYMV, BCMV, BCMNV y a la roya. Poster presented at the 2014 meeting of the PCCMCA held in Nicaragua from 28 April to 3 May 2014.


Estévez de Jensen, C., Porch, T.G. and J.S. Beaver. 2015. Evaluación de híbridos interspecíficos de fréjol tépari x fréjol común con inoculación de Bradyrhizobium y Rhizobium. Paper presented at the 2015 meeting of the PCCMCA held in Guatemala City from 4 to 7 May 2015.


González, A. and J.S. Beaver. 2014. Desarrollo de líneas de frijol que combinan resistencia a los gorgojos y los virus BGYMV y BCMNV. Presentation made at the 2014 meeting of the PCCMCA held in Nicaragua from 28 April to 3 May 2014.


### B. Other Publications (reports, conference papers, working papers, manuals, etc.)


Porch, T.G., K. Cichy, M. Alameda and J.S. Beaver. 2014. Association mapping analysis of the response to *Macrophomina phaseolina* in the Andean Diversity Panel. Poster presented at the 2014 joint conference of the 6th International Food Legumes Research Conference (IFLRC VI) and 7th
International Conference on Legume Genetics and Genomics (ICLGG VII) held in Saskatoon, SK from 7–11 July 2014.


Reports submitted in the NARO annual report in Uganda.


**Rosas, J.C.**, I. Rodriguez, and **J. S. Beaver**. 2014. Progress on genetic improvement of the resistance to angular leaf spot in common beans. Presentation made at the 2014 meeting of the PCCMCA held in Nicaragua from 28 April to 3 May 2014.

Rosas, J.C., J. S. Beaver, S. Beebe, A. Llano, A. Clará y J. C. Hernández. 2014. Results from the SISTEVER small red bean Trials of 2013. Presentation made at the 2014 meeting of the PCCMCA held in Nicaragua from 28 April to 3 May 2014.

Rosas, J.C., J. S. Beaver, S. Beebe, A. Llano, A. Clará, J. C. Hernández and J. C. Villatoro. 2014. Results from the SISTEVER small black bean Trials of 2013. Presentation made at the 2014 meeting of the PCCMCA held in Nicaragua from 28 April to 3 May 2014.


van Etten J., J.C. Rosas and I. Rodriguez. 2014 First experiences with participatory massive evaluation of common beans in Honduras. Presentation made at the 2014 meeting of the PCCMCA held in Nicaragua from 28 April to 3 May 2014.


C. Other Types of Output (presentations, webpages, videos, equipment designs, etc.)


Tamò, M. 2015. Free-air CO2 enrichment (FACE) for research on sustainable pest management in Africa. RIPE/FACE workshop, July 10–13, 2015, Urbana–Champaign, USA.

D. Dissertations and Theses


Menhinto Toffa, J., 2015. Contribution to sustainable management strategies of Maruca vitrata Fabricius (Lepidoptera: Crambidae) of Vigna unguiculata L. Walp by using entomopathogenic
products in Benin, PhD Thesis, Faculty of Letters, Arts and Humanities Sciences /University of Abomey–Calavi, FLASH/UAC, Cotonou, Benin.


E. Scholarly Activities and Accomplishments

Cisse, N. et al. 2015. Formal release of five new cowpea varieties in Senegal with large white seed-type and disease resistance. Variety name registrations Lisard, Thieye, Leona, Kelle and Sam.

F. Professional Recognition, Awards, and Accomplishments

Estévez de Jensen, Consuelo received an USDA/ARS Certificate of Appreciation for outstanding efforts to characterization of bean germplasm for enhanced BNF and root rot response for Feed the Future countries in support of the Feed the Future Grain Legumes Project, South Africa, July 1 2015.

Estévez de Jensen, Consuelo. The College of Agriculture of the University of Puerto Rico– Mayaguez presented a Certificate of Recognition for Excellence in Research, Creativity and therefore, enrichment of the campus research. Presented on the 9th day of May of 2014 in Mayaguez, Puerto Rico.

Estévez de Jensen, Consuelo. The Puerto Rican Scientific Society Annual Meeting (SOPCA) awarded the 1st Place Professional Oral Presentation Award Winner. Presented at the 38th Annual Meeting SOPCA on the 2nd day of November of 2013. Guayanilla, Puerto Rico. Title of the Presentation “Inoculant Production in Haiti.”

Kelly, J.D., received Meritorious Achievement Award from the Legume Innovation Lab, Michigan State University, 2014, and the Ralph H. Smuckler Award for Advancing International Studies and Programs, Michigan State University, 2014.

Rosas, Juan Carlos received the 2014 Gamma Sigma Delta Distinguished Achievement in Agriculture Award.

Rosas, Juan Carlos received the 2015 AGEAP (Zamorano Alumni Association) recognition for his contributions to Pan-American agriculture and Zamorano University.
The University of Puerto Rico Bean Research Team (Consuelo Estevez, Mildred Zapata, and James Beaver) received a recognition for “Outstanding Dedication and Contribution to Research and Innovation Endeavors during 2014–2015” at the Research and Innovation as Accelerators of New Opportunities in Puerto Rico symposium held in Mayaguez Puerto Rico Campus on 15 May 2015.

II. Strategic Objective Two: Transforming Legume Systems and Value Chains

A. Refereed Journal Articles


B. Other Publications (reports, conference papers, working papers, manuals, etc.)


C. Other Types of Output (presentations, webpages, videos, equipment designs, etc.)


D. Dissertations and Theses


Five M.S. student research proposals at Makerere University and Iowa State University.


E. Scholarly Activities and Accomplishments


Goettsch, L. 2014. Global Programs Travel Grant. Iowa State University. $2,000 support for travel to Uganda for M.S. research.

F. Professional Recognition, Awards, and Accomplishments

III. Strategic Objective Three: Enhancing Nutrition

A. Refereed Journal Articles

The first manuscript from this project, entitled “Legumes as Complementary Foods to Reduce Environmental Enteric Dysfunction and Stunting in Malawian Children: Study Protocol for Two Randomized Controlled Trials” has been submitted for publication and is currently undergoing peer review.

B. Other Publications (reports, conference papers, working papers, manuals, etc.)
C. Other Types of Output (presentations, webpages, videos, equipment designs, etc.)

D. Dissertations and Theses

Chrissie Thakwalakwa, Malawi College of Medicine, completed her thesis and received her PhD.

E. Scholarly Activities and Accomplishments

IV. Strategic Objective Four: Improving Outcomes of Research and Capacity Building

A. Refereed Journal Articles


Maredia, M. K., Reyes, B. A., Ba, M., C. Dabire, Pittendrigh, B., & Bello-Bravo, J. Effectiveness of animation videos in inducing technology adoption: A field experiment in Burkina Faso. (Revise and resubmit to *Journal of Agricultural Economics*).

Reyes, Byron A., Maredia, Mywish, Bernsten, Richard H., Rosas, Juan Carlos. 2014. Have investments in bean breeding research generated economic benefits to farmers? The case of five Latin American countries. *Agricultural Economics* (Submitted).

B. Impact Briefs


C. Other Publications (reports, conference papers, working papers, manuals, etc.)


D. Other Types of Output (presentations, webpages, videos, equipment designs, etc.)


E. Dissertations and Theses


F. Scholarly Activities and Accomplishments

G. Professional Recognition, Awards, and Accomplishments