CIIFAD
Annual Report (May 2013 – May 2014)

CIIFAD’s mission is to strengthen Cornell’s capacity for making significant contributions to sustainable global development by

Facilitating campus-wide dialogue on critical international development issues,
Pages 1-3

Supporting multi-disciplinary research, and
Pages 4-5

Partnering with developing country institutions
Pages 6-8

Since May 2013, CIIFAD has made exciting progress in all three areas. This report highlights our major accomplishments over the past year.
The Student Multidisciplinary Applied Research Teams (SMART) program brings together teams of students and faculty from across the university and pairs them with firms, organizations, or community groups located in developing countries. The teams work on well-defined assignments that challenge students to apply the knowledge and skills learned in the classroom to real world settings. SMART assignments vary from team to team. Teams work on location with the company or partner group for roughly two weeks during January, and summer SMART programs are currently being piloted in China. SMART is a unique program at Cornell University – and beyond – that explicitly fosters engagement with developing countries that provides service-learning experiences with private and public sector partners for undergraduates as well as graduate students. Since 2002, over 60 SMART teams, composed of 200+ Cornell undergraduate and graduate students, have engaged with community, government, and business partners in 22 different countries across Africa, Asia, and the Americas. Participating students have represented 20+ degree programs housed in eight different colleges at Cornell. The SMART program has grown substantially in the last several years.
Facilitating Campus-Wide Dialogue on Critical International Development Issues

The Student Multidisciplinary Applied Research Teams (SMART) program brings together teams of students and faculty from across the university and pairs them with firms, organizations, or community groups located in developing countries. The teams work on well-defined assignments that challenge students to apply the knowledge and skills learned in the classroom to real-world settings. SMART assignments vary from team to team. Teams work on location with the company or partner group for roughly two weeks during January, and summer SMART programs are currently being piloted in China. SMART is a unique program at Cornell University—and beyond—that explicitly fosters engagement with developing countries that provides service-learning experiences with private and public sector partners for undergraduates as well as graduate students. Since 2002, over 60 SMART teams, composed of 200+ Cornell undergraduate and graduate students, have engaged with community, government, and business partners in 22 different countries across Africa, Asia, and the Americas. Participating students have represented 20+ degree programs housed in eight different colleges at Cornell. The SMART program has grown substantially in the last several years.

In 2014, 10 SMART projects were led in 7 countries, involving 36 students representing 15 degree programs. The student response to SMART has been overwhelmingly positive. A recent participant said of the program: “I would describe my SMART experience as the ideal opportunity to take everything that our professors teach us and apply it to a real-world issue. With the help of your peers from an array of disciplines, the SMART program places you in the perfect position to contribute your expertise to a problem that will have an impact on the lives of others. In my opinion, the SMART program is an experiential education model that all universities should look to.” A study of the SMART program over the past two years concluded that the SMART program successfully increased students’ preference for transformational leadership, their confidence as leaders, and their understanding of foreign cultures.

CIIFAD Seminar Series

CIIFAD’s Wednesday seminar series, ‘Perspectives in International Development’ is one of the few seminar series on campus that consistently attracts students and faculty attendees from a broad range of disciplinary backgrounds. It has been able to achieve this by inviting speakers from across the globe to give intellectually stimulating, but layman-accessible, seminars on a broad range of critical topics in international development. During the 2012-2013 academic year, for example, the series included invited speakers who addressed such important development issues as: food security, agricultural trade; ecosystem conservation; genetically modified organisms (GMOs); and public health and nutrition. The series continues to be very well received by the Cornell community with approximately 100 students and faculty in attendance per week.

Clara Cohen, USAID, presenting her talk at the April 9, 2014 CIIFAD Seminar
Facilitating Campus-Wide Dialogue on Critical International Development Issues

In April 2014, CIIFAD convened its 5th international symposium to initiate dialogue and reflection around the symposium theme: “Investing in People and Institutions: The Role of Land-Grant Universities in Feeding the Future.” The symposium began with a panel discussion entitled, “Human and Institutional Capacity Development: Implications for Foreign Policy and Program Strategies.” The panel brought together the expertise of Dr. Albert Ayeni, Professor in the School of Environmental and Biological Sciences at Rutgers University, Dr. Victor Lechtenberg, Professor and former Provost at Purdue University, Dr. Mark Varner, Senior Advisor at the Association and Public and Land-Grant Universities, and Dr. Ralph Christy of CIIFAD. A second panel entitled, “Cornell’s Experiences in Human and Institutional Capacity Strengthening” followed the first and continued the lively discussion.

The panel discussion was followed by poster presentations by the ten 2014 SMART teams. During the annual dinner, Dr. Malden C. Nesheim was awarded the “Dr. Clifton Wharton, Jr. Emerging Markets Award”; this award is given annually to an individual who has made a profound impact on low-income communities through his/her work on public policy, private strategy, or philanthropic investments.
Food Systems and Poverty Reduction IGERT

CIIFAD’s National Science Foundation-funded Integrative Graduate Education and Research Traineeship (IGERT) program in Food Systems and Poverty Reduction officially ended on September 30, 2013, a year earlier than originally planned due to conditions tied to the use of US government stimulus funds. Still, all 28 PhD students who participated in the program received the full complement of academic and field-research training. The latter included students’ Africa-based individual dissertation research projects, conducted in partnership with various in-country research institutions in Kenya, Ethiopia, Tanzania and Zimbabwe. Partner institutions have included the International Livestock Research Institute (ILRI), Bahir Dar University, CARE, World Vision and ICRAF, amongst others. All students also participated in one month long multidisciplinary group projects that exposed them to complex food system issues, including, for example, risks posed by chronic contamination of local foods with mycotoxins and the climate adaptation strategies of Kenyan and Ethiopian pastoralists.

Stimulating Agricultural and Rural Transformation (StART)

In 2012-13, the Stimulating Agricultural and Rural Transformation (StART) initiative supported four major projects, sponsored international and domestic visitors and conference travel, and provided support to instruction of the NSF-funded Food Systems and Poverty Reduction IGERT, field research travel by students in the IGERT program, and to related international agricultural and rural transformation initiatives across campus. These projects have resulted in multiple journal articles and manuscripts in preparation, at least $510K in external funding already obtained for Cornell as well as additional funds for Africa- and Australia-based partners, with other substantial external grant proposals presently under review, and support for at least two African graduate students, plus research experience for several others graduate and undergraduate students and post-docs.

A SMART team in Zambia in January 2012 worked with a micro asset enterprise to develop a more business-friendly catalogue for their products such as generators, refrigerators, irrigation pumps, and other pieces of equipment agribusiness owners might need. Photo taken by Christine Hadekel.
Training Smallholder Apple Farmers in China for Sustainable Production and Domestic Market Access

The “Training Smallholder Apple Farmers in China for Sustainable Production and Domestic Market Access” project is a 3-year grant provided by the Walmart Foundation to Cornell International Institute for Food, Agriculture and Development (CIIFAD) and UC Davis, in partnership with the National Apple Research System in China, Shandong Agricultural University, Northwest A&F University, and the Provincial Agricultural Extension Bureaus of Shandong and Shaanxi Provinces, China. The project has the goal of improving the wellbeing of rural smallholder apple farmers, particularly women, in the largest apple producing regions in China: Shandong and Shaanxi Provinces. Over the course of the project, faculty from Cornell University will travel to China to conduct 12 “Master Pomologist Courses”. By implementing the “train the trainer” model, provincial extension agents will learn new techniques from the MPC’s and will teach these new techniques to the smallholder farmers they work with. By the conclusion of the 3 year project, at least 2,000 Chinese extension agents will be trained, who will in turn train at least 200,000 smallholder apple farmers, at least half of whom will be women. In the first half of the project, more than 1,000 Chinese extension agents have been trained and the project is expected to more than meet its goals by the conclusion of the final year. Since the project began in January 2013, two Master Pomologist courses have taken place in March 2013 and March 2014 as well as an initial follow-up evaluation in August 2013 and an In-Service Training Workshop in November 2013. Cornell University has hosted collaborative project meetings with Chinese partners on 3 occasions.

McKnight Collaborative Crop Research Program

The Collaborative Crop Research Program (CCRP) supports various clusters of research and development projects in sub-Saharan Africa and the Andes region of South America. Individual projects within these regions form a Communities of Practice and contribute to regional research and development strategies for intensifying cropping system productivity based on agroecological principles and combining scientific knowledge with local peoples’ indigenous knowledge. In 2013, CIIFAD Assistant Director, Dr. Beth Medvecky was appointed as CCRP’s Liaison Scientist for the East and Horn of Africa region (Ethiopia, Kenya and Uganda). http://www.ccrp.org/east-africa. In this capacity she helps to identify promising research partners, as well as support capacity strengthening activities for the wide range of grantees funded by the CCRP program, including national scientists, professors at national universities, people working for non-governmental organizations and, often, post graduate students attached to the collaborative research projects.
Connecting Chinese Agricultural and Biological Scholars with Cornell University

The The Tang Cornell-China Scholars Program aims to enhance scientific and technological collaboration throughout the world by developing cooperative relationships between the best scholars at the thresholds of their careers and established research and education leaders at Cornell University. Established in 2000 through the generosity of the Jack C. Tang Family Fund, the program was designed to provide opportunities for the most promising scholars from China who are early in their careers in the agricultural and biological sciences and biological engineering to spend a full year at Cornell University undertaking research and education in their field of specialty. Those chosen to be Tang Cornell-China Scholars are expected to have demonstrated outstanding capability in research and potential for research leadership. It is expected that the Scholars will also have demonstrated excellence in teaching or advising students. The Tang Cornell-China Scholars will have the opportunity to build lasting research relationships with Cornell colleagues, and to develop leadership skills to enhance research and technology developments and to advance their home institutions in China to the highest research and educational levels. While the Program will be adjusted to the needs of the individual scholars and their fields, those selected will be expected to spend one full year working as a colleague in research in an appropriate laboratory or program at Cornell.

The 2013 Tang Scholars are: 1) Yin LI, form Chinese Academy of Sciences, whose research is focused on developing microbial cell factories active in converting carbon dioxide into a range of chemicals, fuels, and other materials. 2) Jihong LIU, from Huazhong Agricultural University, whose research interest is in understanding stress tolerance and development of stress tolerant citrus germplasm. 3) Jianwen ZHOU, from Nanjing Agricultural University, whose research primarily focuses on soil carbon/nitrogen cycling and agricultural greenhouse gases.

Genetically Modified Crops in Africa: Current State and Future Potential

In January 2012, a three-year project funded by the John Templeton Foundation was awarded to Ed Mabaya and Ralph Christy. The ability of GM crops to increase yields and reduce pesticide use is well established. Based on food security needs, Africa could benefit a lot from green biotechnology given the low agricultural productivity especially among smallholder farmers and the looming food crises in most urban areas. However, the adoption of GM crops in Africa has been slow and limited to a handful of countries owing to a variety of reasons including relatively under-developed seed systems. The primary objective of this research is to develop a systematic understanding of the current state and future potential of GM crops in Africa in a way that informs public policy and private strategy. The barriers and enablers of GM acceptance will be evaluated within the context of seed sector development. Through a comprehensive survey of seed companies operating in Africa, attitudes and strategies towards biotechnology will be accessed. The analysis will be based on both cross sectional data (comparing African countries that have adopted GM crops versus similar countries that have not) and time series data. The intended audience for this research project is fourfold – African governments, private seed companies, development organizations and United Nations’ Food and Agricultural Organization (FAO).
South African Agricultural Professional Fellowship (SAAPF)

In November and December 2013, CIIFAD hosted the second cohort of the South African Agricultural Economics Professional Fellows (SAAEPF). SAAEPF is administered by South Africa’s National Agricultural Marketing Council (NAMC) and the Agricultural Economics Association of South Africa (AEASA). It provides training, support and networking opportunities for South Africa’s young agricultural professionals working in the areas of land reform, agricultural trade, agribusiness development, management, policy, and marketing. The program bridges the gap between South African agricultural professionals with experts in their field at American based universities, government agencies, and international research centers. The 2013 cohort was comprised of four fellows: Ms. Danisile Mthombeni, an Agricultural Economics Junior Lecturer at the University of South Africa; Mr. Tebogo Mashabela, an Industry Analyst at the Industrial Development Corporation (IDC); Ms. Aluwani Maiwashe an Agricultural Economics Part time-lecturer and a first year PhD student at the University of Venda; Ms. Maureen Bandama, Agribusiness Program Coordinator for Southern Africa at Market Matters Inc. (MM Inc.). This year the group was also joined by the NAMC’s CEO, Mr. Ronald Ramabulana. Led by Ed Mabaya, the group toured Cornell University campus and had meetings with various Cornell faculty and several graduate students. After Cornell, the group went to Tuskegee University to attend the 71st Annual Professional Agricultural Workers Conference (PAWC) where they presented five papers. From Tuskegee University, they stopped over at nearby Auburn University in Alabama and visited the Department of Agricultural Economics and Rural Sociology. Lastly, the group spent five days in Washington, DC where they had meetings at the World Bank, the International Food Policy Research Institute (IFPRI), and the Economic Research Services (ERS). The delegation concluded their visit with a tour of the White House.
Cornell University and Asian Productivity Organization (APO) Asian Executive Agribusiness Management Program

The Asian Executive Agribusiness Management Program will share a set of strategies that will enhance the competitiveness of Asian businesses and expand employment and income-generating opportunities in rural communities, thus promoting greater economic independence across Asia. To achieve this goal, the program is designed to equip small-scale and medium-scale entrepreneurs with the fundamental skills necessary to excel in business. Specifically, the program provides access to business development services and networking in Asian enterprises, by drawing from the technical expertise of research, educational and commercial institutions in the US and Asia. We are especially committed to working with rising entrepreneurs and women entrepreneurs, who may have ideas and access to capital, but often lack information, expertise and networking opportunities that could provide them with the knowledge to sustain and grow their businesses.

The Asian Executive Agribusiness Management Program has three primary objectives:

1. Enhance the business management capacity of SMEs and regional agribusinesses;
2. Facilitate strategic thinking and alliances;
3. Improve entrepreneurs’ access to capital and product markets.
Appendix A. CIIFAD 2013-2014 Seminar Series,
Perspectives in International Development

**Fall 2013**

September 11  **Bettina Haussmann**, Extraordinary Professor, University of Hohenheim, Stuttgart, Germany, *Wide Versus Specific Adaptation: Insights from a Plant Breeder*

September 18  **Richard Coe**, Principle Scientist- Research Methods, World Agroforestry Centre (ICRAF), Nairobi, Kenya and Statistical Services Centre, University of Reading, UK, *International Agricultural R+D: Are We Using the Right Research Methods?*

September 25  **Yoanna Ferrara**, Assistant Director for Research, Cornell College of Engineering; **Margaret Lynch**, CIIFAD Program Coordinator; **Anu Rangarajan**, Senior Extension Associate, Cornell Department of Horticulture (Moderated by Kristzina Tihanyi, Visiting Fellow, CIIFAD) *SMART: Innovation in Global Service Learning: A Panel Discussion*


October 23  **Alice Churchill**, Cornell Research Scientist, Department of Plant Pathology and Plant-Microbe Biology, *The Inconvenient Truths of Global Banana Diseases*

October 30  **Parke Wilde**, Professor, Friedman School of Nutrition Science and Policy, Tufts University, Medford, Massachusetts, *Agriculture Trade, Food and Nutrition: The Policy Nexus*

November 6  **Peter Davies**, Cornell Professor, Department of Plant Biology, *Biotech Crops: Science and Sustainability*

November 13  **Mduzi Mbuya**, Cornell Visiting Scientist, Division of Nutritional Sciences and Associate Director for Implementation Science, Zvitambo Research Trust, Zimbabwe, *Toilets, Chickens and Homestead Soil: Linkages with Child Undernutrition in Rural Zimbabwe*


**Spring 2014**

February 5  **Larry Harington**, Research Director, CGIAR Challenge Program on Water and Food, *CGIAR Challenge Program on Water and Food*

February 12  **Steven Wolf**, Cornell Professor, Department of Natural Resources, *Payment for Ecosystem Services in Agricultural Landscapes: Navigating Neoliberalism and Mythology to Advance Outcome-Based Conservation Policy*


February 26  **Malden Nesheim**, Cornell Professor Emeritus, Division of Nutritional Sciences and Provost Emeritus, *Why Calories Count*

March 5  **Ikhide Imumorin**, Program Leader, International Animal Agriculture Program, IP-CALS, *Feeding the Hungry and Malnourished: Role of Modern Animal Biotechnologies in Green Revolution 2.0*

March 12  **Ed Mabaya**, CIIFAD Assistant Director and Research Associate, The Dyson School of Applied Economics and Management, *Hopes and Fears of Genetically Modified Crops in Africa: Perspectives from the African Seed Sector*

April 9  **Clara Cohen**, Senior Science Policy Advisor, Office of Agricultural Research and Policy, USAID, *Innovation for Food Security: USAID’s Feed the Future Research, Policy and Capacity Development Programs*

April 16  **CIIFAD International Symposium: Meeting the Challenges of Human and Institutional Capacity Development**
Appendix B. CIIFAD 2013-2014 Visiting Scholars

- **Maureen Bandama**, Agribusiness Program Coordinator, Market Matter, Inc. Southern Africa
- **Linley Chiwona-Karltun**, Department of Urban and Rural Development, Swedish University of Agricultural Sciences, Sweden
- **Njeri Gakonyo**, Consultant to Resource Mobilization, Alliance for a Green Revolution in Africa, Kenya

*Appendix C. IGERT* (Fields of study and numbers of PhD students who have been accepted into the Food Systems and Poverty Reduction (FSPR) program as Trainees and Associates as of May 2013)

<table>
<thead>
<tr>
<th>Graduate Field</th>
<th>Trainees</th>
<th>Associates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Science</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Applied Economics and Management</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Biological and Environmental Engineering</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Civil and Environmental Engineering</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Crop and Soil Science</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Development Sociology</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Ecology and Evolutionary Biology</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Food Science</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Plant Breeding</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Natural Resources</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Nutrition</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>23</strong></td>
<td><strong>4</strong></td>
</tr>
</tbody>
</table>
### Appendix D. 2013-2013 SMART Participants by Department

<table>
<thead>
<tr>
<th>Department/Field</th>
<th>Degree</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Economics and Management</td>
<td>BS</td>
<td>3</td>
</tr>
<tr>
<td>Biological Engineering</td>
<td>PhD</td>
<td>1</td>
</tr>
<tr>
<td>Business Administration</td>
<td>MBA</td>
<td>1</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>MS</td>
<td>1</td>
</tr>
<tr>
<td>City and Regional Planning</td>
<td>MA</td>
<td>3</td>
</tr>
<tr>
<td>Cornell Insitute for Public Affairs</td>
<td>MPA</td>
<td>17</td>
</tr>
<tr>
<td>Ecology</td>
<td>PhD</td>
<td>1</td>
</tr>
<tr>
<td>Economics</td>
<td>BA</td>
<td>1</td>
</tr>
<tr>
<td>Food Science</td>
<td>MS</td>
<td>1</td>
</tr>
<tr>
<td>Independent Major - American Inequality Studies</td>
<td>BA</td>
<td>1</td>
</tr>
<tr>
<td>International Development</td>
<td>MPS</td>
<td>1</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>MS</td>
<td>1</td>
</tr>
<tr>
<td>Operations Research Engineering</td>
<td>BS</td>
<td>2</td>
</tr>
<tr>
<td>Plant Breeding</td>
<td>PhD</td>
<td>1</td>
</tr>
<tr>
<td>Plant Science</td>
<td>BS</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>36</strong></td>
</tr>
<tr>
<td>Country</td>
<td>Emerging Market Partner</td>
<td>What SMART did</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Botswana</td>
<td>FoodNet Holdings, Ltd., a small pork producer located near Gaborone, Botswana</td>
<td>The SMART team analyzed marketing possibilities to expand FoodNet’s current sales and to help the company continue to grow towards its goal of becoming a recognized leader in the pork production sector of Botswana. The team also examined ways to streamline the company’s business plan and wrote a case study about the company for educational use.</td>
</tr>
<tr>
<td>Cambodia</td>
<td>EGBOK Mission, an NGO located in Siem Riep, Cambodia that provides hospitality training for underprivileged young adults</td>
<td>The SMART team created a plan for a social enterprise that would produce products for tourists that would represent Cambodian agriculture, cuisine, tradition and culture while raising funds for EGBOK Mission</td>
</tr>
<tr>
<td>China</td>
<td>Xintuo Ecotourism Co., a Naxi minority village cooperative enterprise in Lijang, Yunnan Province</td>
<td>The SMART team generated new marketing ideas for Xintuo, developed a new company brochure highlighting the company’s focus on providing ethnic minority cultural immersion experience for tourists, and edited English-language materials. The team also developed a case study about Xintuo as a model for implementing ecotourism in China.</td>
</tr>
<tr>
<td>China</td>
<td>Smallholder Apple Production in Yunnan Province</td>
<td>The SMART team worked with smallholder apple farmers and agricultural officials in Yunnan to learn about the nutrient, water, disease, and pest management challenges that farmers face as well as the institutional services that exist to help farmers tackle them. The information will be used in upcoming Cornell extension training in China.</td>
</tr>
<tr>
<td>China</td>
<td>Yiyang, Inc, a manufacturer of polyresin items such as figurines, snowglobes and commemorative souvenirs</td>
<td>The SMART team developed recommendations for how Yiyang could best position itself to be more competitive in the international polyresin industry. The team also wrote a case study of the company for educational use.</td>
</tr>
</tbody>
</table>
### 2014 SMART Projects (Continue)

<table>
<thead>
<tr>
<th>Country</th>
<th>Emerging Market Partner</th>
<th>What SMART did</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colombia</td>
<td>Cooperativa de Caficultores de Andes (COOPERAN), is a cooperative of coffee growers located in the Department of Antioquia</td>
<td>The SMART team helped COOPERAN to evaluate the benefits of participation in specialty coffee supply chains as the cooperative initiates business relationships with Sustainable Harvest Coffee Importers, a large buyer of specialty coffee in Latin America.</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Calamansi Industry Association (PCIA), a registered trade association based in Manila that represents the popular indigenous citrus fruit, Calamansi.</td>
<td>The SMART team worked with the PCIA to develop a strategic plan with companies in its “cluster” to identify elements of an industrial policy for the emerging calamansi industry of the Philippines.</td>
</tr>
<tr>
<td>South Africa</td>
<td>Smallholder Horticulture with the Swayimane Zulu Community in KwaZulu-Natal</td>
<td>As part of the ongoing partnership between SMART and the University of KwaZulu-Natal, students from both universities worked collaboratively to develop a network map and supply chain analysis of community farmers, institutions, and industrial stakeholders.</td>
</tr>
<tr>
<td>Thailand</td>
<td>CEO Agrifood Ltd, the third largest rice bran producer in Southeast Asia.</td>
<td>The SMART team investigated ideas to transform rice bran waste into valuable products to improve CEO’s productivity. The team also conducted a feasibility study for the potential products to ensure that they are beneficial to the company. They additionally wrote a case study about the company for educational use.</td>
</tr>
<tr>
<td>Thailand</td>
<td>Social Dimensions of Water Management, a learning experience offered by the department of Natural Resources at Cornell University in partnership with Mahidol University in Thailand</td>
<td>The SMART team partnered with Thai university students, conducted site visits, interviewed people affected by flooding, and prepared a final research product on community based water management and community flooding resilience.</td>
</tr>
<tr>
<td>Thailand</td>
<td>GABA Rice Group, consists of 68 members, 12 of which process GABA Rice, rice that has been germinated through a process of soaking which is thought to increase its health benefits</td>
<td>The SMART team studied the market for GABA rice in Thailand to develop ideas for reaching untapped markets. Using the data collected by the SMART 2013 team, the 2014 team analyzed the enterprise’s capacity to meet the demands of an expanded market.</td>
</tr>
</tbody>
</table>
Appendix F

Presentations:

Ralph Christy:


Master Pomologist Course Workshops, Yantai, Shandong Province, China, March 5-6, 2014 and in Yangling, Shaanxi Province, China on March 10-11, 2014.

Facing the Challenges of Sustainable Food Systems: Feeding 9 Billion People, Qingdao Agricultural University, Qingdao, China, March 7, 2014.


Public Health Ethics Intensive Course, Tuskegee University, AL, April 1-4, 2014.


Ed Mabaya:

Executive Training:


Seminars and Paper Presentations:


Christina Tonitto:


Books and Book Chapters:

Ralph Christy:


Ed Mabaya:


Journal Articles:

Margaret Lynch:


Ed Mabaya:


Christina Tonitto:


Awards:

Ed Mabaya:

Recognition by Coca-Cola for Work in Africa:

On May 23, 2013 Dr. Edward Mabaya received an award for “dedicated service and contribution towards sustainable development in Africa” from the Africa Diaspora Network of the Coca Cola company at their head offices in Atlanta. Mabaya was one of three people receiving this recognition at a special lunch event celebrating Africa Day. This award recognizes his contributions to sustainable development in Africa through teaching, research and outreach efforts. More than 250 people from Coca Cola and the greater Atlanta area attended this annual event that showcases African culture. Media coverage for this award is available at the following link: http://www.herald.co.zw/coca-cola-
Communicating with Cornell --and beyond!

CIIFAD recognizes the importance of contributing to the global conversation about development through multiple channels of communication. CIIFAD maintains an active profile on Facebook as well as Twitter, with links to and comments about relevant news in international agriculture and development; thought-pieces about globalization, sustainability, nutrition, and economic empowerment; important national and global policy changes that affect our stakeholders; and new trends in charitable giving for sustainable development. Follow us @CIIFAD!

Join us on Facebook www.facebook.com/ciifad and follow us on Twitter @CIIFAD