

**TECHNICAL ASSISTANCE TO DEVELOPING COUNTRIES**

Submission by the United States

Addendum

The following communication, dated 29 August 2011, is being circulated at the request of the Delegation of the United States.

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1. In response to the Secretariat's request in G/SPS/W/101, the United States submits the following compilation of technical assistance provided to developing countries and newly acceding countries between 1 October 2009 to 30 September 2010, in accordance with Article 9 of the Agreement on the Application of Sanitary and Phytosanitary (SPS) Measures. In this report, the United States provides details on 346 technical assistance projects in the fields of food safety, animal health, and plant health. The United States continues its efforts to tailor technical assistance in relation to the requests made by developing countries and newly acceding countries.

2. The United States also calls attention to G/SPS/GEN/181, G/SPS/GEN/181/Add.1, G/SPS/GEN/181/Add.2, G/SPS/GEN/181/Add.3, G/SPS/GEN/181/Add.4, G/SPS/GEN/181/Add.5, G/SPS/GEN/181/Add.6, G/SPS/GEN/181/Add.7 and G/SPS/GEN/181/Add.8, which identify previous annual reports of SPS-related technical assistance provided by various agencies of the United States.

3. The United States remains both supportive of, and active in, granting technical assistance to developing countries within the framework of the SPS Agreement. The United States capacity building efforts have helped numerous developing and WTO-acceding countries build and or enhance their SPS regulatory regimes. In 2010, and leading out to 2012, the US Government has provided, or has obligated, funds for SPS trade capacity building (TCB) efforts in excess of \$10.4 million. When accounting for the portion of SPS TCB-related activities in US Government sponsored activities under the Food for Progress program and other assistance programs, the SPS TCB effort of the United States can be considered as part of a \$300 million plus capacity building undertaking. US Government assistance has taken, and continues to take, many forms, including training seminars, staff assistance, and data sharing.

4. Below are descriptions of several comprehensive or thematic areas of US commitments, followed by the table listing other technical assistance activities funded by the US Government during the reporting period.

## **I. UNITED STATES COMMITMENT TO SPS TECHNICAL ASSISTANCE**

### **1. Africa**

5. In 2010, the United States Department of Agriculture, Animal and Plant Health Inspection Service (USDA - APHIS) provided geographic positioning systems/GIS transboundary animal disease training to West and Central African countries to help build capacity for the surveillance of transboundary diseases in West and Central African Countries. This included a collaborative United States Government (USG) effort to place three resident SPS Advisors in Sub-Saharan Africa to cover the East, West, and Southern Africa regions. The SPS Advisors directly supported governmental SPS agencies in their respective regions to develop institutional capacity on science-based plant health, animal health, and food safety regulatory systems consistent with international standards. Among other duties, the resident SPS Advisors assisted countries with developing technical agendas for SPS programs; applying new and innovative approaches in planning, designing and evaluating SPS programs; and recommending activities and approaches to advance the accomplishments of the programs. Additionally, as part of the SPS program, the United States sponsored a seminar in Entebbe, Uganda, on trade and risk-based disease control for livestock and animal products for Chief Veterinary Officers (CVOs) from African Union member countries.

### **2. APEC Economies**

6. The US Government's participation in the Asia Pacific Economic Cooperation (APEC) Food Safety Cooperation Forum (FSCF) and related events signifies an investment in the food safety systems of our trading partners. Under the FSCF's Partnership Training Institute Network (PTIN), the US Food and Drug Administration (USFDA) and its federal partners assembled 90 food safety and training experts from APEC economies at the World Bank in Washington, D.C., on 19 May 2010, to build a partnership to deliver enduring food safety training in the APEC region. The workshop engaged the participants to develop a generic set of training materials to meet critical food safety training needs throughout the food supply chain. The group also strategized on the best practices for dissemination of these materials and mechanisms for evaluating effectiveness of the training on risk analysis, supply chain management, laboratory capacity, and managing food emergencies. The workshop focused on produce and seafood, both categories that can be significant sources of food-borne disease and are commonly traded throughout the APEC Economies.

7. The efforts of the United States to coordinate technical training and share best practices help to increase the capacity of APEC member economies to produce safe foods, regulate food safety, and help ensure science- and risk-based approaches to food safety to help facilitate global trade in safe food.

### **3. Latin America**

8. In 2010, the USDA Foreign Agricultural Service (USDA-FAS) initiated a technical and policy guidance effort on pesticide registration and maximum residue level (MRL) setting for key emerging market countries in Latin America, including Brazil, in support of the second Global Minor-Use Summit. Training included how to establish pesticide MRLs and facilitate pesticide registrations. This assistance will enable participants better understand how to conduct internationally-accepted residue field trials; how crop groups are established; and how to nominate new pesticides for Codex reviews.

9. The United States hopes to enhance the number of pesticide products that are available to specialty crop growers worldwide, and facilitate the establishment of Codex pesticide maximum residue levels.

#### **4. Dominican Republic-Central America-United States Free Trade Agreement (CAFTA DR)**

10. Since 2004, the United States has expanded the technical assistance it provides to Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and the Dominican Republic to enhance the food safety and SPS regimes in the region. Among other actions, the USDA-FAS Cochran Fellowship Program sponsored 17 Fellows from the CAFTA-DR and other Latin American countries to train on US inspection procedures and regulations used to assure that meat, poultry, and egg products are safe, wholesome, and properly labeled. This training helped to protect the consumers of these countries from food safety risks.

#### **5. United States Pesticide Outreach**

11. The United States conducted a number of activities aimed at strengthening the capacities of our trading partners to conduct pesticide field trials and to strengthen operational and testing methods to levels comparable with US and international standards. In 2010, the USDA-FAS collaborated with the US Environmental Protection Agency (EPA) and Rutgers University to train 15 sub-Saharan African pesticide regulatory officials in good laboratory practices (GLP) in Nairobi, Kenya. Compliance with EPA's GLP standards ensures the quality and integrity of field residue data which is used to support national pesticide product registrations and to establish MRLs. Among other actions, this project strengthened the ability of officials in sub-Saharan African countries to conduct pesticide field trials, review field data used to register new pesticide products, and to contribute residue data for the establishment of Codex MRLs. This was also a follow-up activity on global efforts to promote more consistency in the establishment of MRLs.

#### **6. Codex Colloquia**

12. In 2010, the United States hosted multiple Codex Delegates Colloquia, bringing together Codex delegates from Africa, Latin America and the Caribbean for several technical committees to discuss methods for enhancing regional cooperation on the adoption and implementation of science-based food safety standards. The colloquia provided a forum for each country's delegates to advocate on behalf of their national positions, with the hope of building regional agreement and support in advance of the Codex committee meetings that followed shortly thereafter. Such progress heightens food safety for consumers, and science-based standards, also enable greater international market access for the beneficiary countries.

#### **7. United States Food Defense Outreach**

13. The APEC-endorsed Food Defense Pilot Program was launched in 2008, with the intent to put into practice the food defense principles endorsed by the APEC Counter Terrorism Task Force (CTTF) in 2007. Pilot projects were implemented in Peru (2008) and Thailand (2009), and have been initiated in both Viet Nam (September 2010) and the Philippines (January 2011), with each project tailored to the particular conditions in each economy.

14. In 2010, the United States collaborated with Thai counterparts and the private sector to execute two food defense awareness events in Thailand for key food sector stakeholders, in cooperation with Prince of Songhla University in southern Thailand. The event was designed to raise awareness of the importance of protecting the food supply chain against intentional contamination and provide voluntary low cost/no-cost approaches to protect the safety and integrity of international agricultural trade.

15. The pilot programs and subsequent follow-up activities have resulted in a significant increase in the number of facilities employing food defense plans and/or incorporating food defense measures

into their basic food safety plans, and have also led to considerable modification and creation of new curricula in host economy universities at the undergraduate, post-graduate, and continuing education levels.

16. Upon the completion of all four pilot projects in mid 2011, facilitators from the pilot economies will work together to develop an APEC-specific set of food defense documentation, guidance, and educational materials. The four pilot programs are intended to culminate in an APEC regional event, wherein food defense awareness course material will be delivered and expertise provided by facilitators from the country-specific pilot projects. The regional workshop will take the train-the-trainer element integrated in the individual pilot projects to the next level, creating a regionally sustainable information-sharing system.

17. The USDA FAS and FSIS, the USFDA and US industry conducted three-day food defense workshops, in Lima, Peru and Panama City, Panama. The event was a continuation of the APEC Food Defense Pilot Project held in Lima, Ica, and Trujillo, Peru in 2008. The APEC-endorsed US food defense team planned a follow-up event for Peruvian industry, academia, and government officials, with a focus on the private sector. The workshop builds on the food defense technical information provided during the initial phases of the pilot project. The US expert team addressed food defense methodologies, practices, and tools to strengthen skills and understanding necessary to facilitate vulnerability assessments, food defense planning efforts, and food defense educational programs.

18. The USFDA sponsored a Food Defense Training Program for industry participants and a Food Defense Education Exchange Program for academic participants. The University of Minnesota's National Center for Food Protection and Defense coordinated and hosted the program. The program aimed to equip the Thai and Peruvian participants with the skills and understanding necessary to facilitate educational programs, vulnerability assessments and food defense planning efforts in their respective countries and regions.

## **II. UNITED STATES ANIMAL AND PLANT HEALTH OUTREACH**

### **1. Animal Health**

19. The United States helped strengthen regional capacity to use science-based approaches to trade in live animals through, among other actions, the co-sponsorship of a workshop on livestock disease risk assessments in the Horn of Africa in 2010. The workshop was designed to develop an appreciation of risk assessment as it relates to trade in live animals and commodities, increase the understanding of the use of surveillance data in risk analysis, and enhance participants' knowledge of methods of risk mitigation to support regional trade in livestock and animal products in the Horn of Africa. The workshop sponsors were the USDA, the US Agency for International Development (USAID), the International Livestock Research Institute (ILRI), and the African Union Inter-African Bureau for Animal Resources (AU-IBAR).

20. Other animal health efforts supported by the United States included an effort to provide the Iraqi Veterinary Medical Syndicate (IVMS) with resource materials to increase access to animal health relevant information as well as knowledge and awareness of animal health issues and practices. The United States provided programmatic and financial support for meetings, trainings, and workshops for IVMS members and associates.

## **2. Plant Health**

21. In an effort to improve global plant health systems and promote the use of science-based international standards, long term management of SPS issues, and expansion of agricultural trade opportunities, the US Government provided a two-week plant health systems analysis course in the United States for participants from Asia, Eastern Europe, Eurasia, Latin America, and sub-Sahara Africa. As part of the training, the USDA APHIS illustrated how it confronts complex challenges posed by a variety of global and domestic plant health issues. Training included an overview of APHIS interactions with other Federal and State agencies, international organizations, foreign governments, industry, and the general public, to address plant health issues of mutual concern. Among the topics covered were fundamental concepts of plant health, international standards and agreements, and legislative authorities. The training covered site visits, including a trip to the National Plant Germplasm Inspection Station. Major outputs of the training included action plans developed by the participants to assess how their organizations responded to plant health issues and identified potential areas where change may enhance their ability to address these issues.

| Sector(s)  | Date, Assistance Title and Budget in US Dollars  | Description of Particular Programme  | Recipient Acceding or Member Country | Contact  |
|--|--|--|--------------------------------------|--|
| Animal Health  | 15 Sept 2005-15 Sept 2010<br>Sanitary and Phytosanitary (SPS) Management<br><br>\$45,000   | USDA FY 2006 Food for Progress Grant-funded activities in Helmand and Kandahar provinces. Activities included disease surveillance and reporting; bacterial and parasitic disease incidence reduction; essential equipment, rehabilitation of veterinary facilities, vaccines and medicines, lab equipment and vet training.   | Afghanistan                          | Ron Croushorn<br>202-720-4221<br><a href="mailto:Ron.Croushorn@fas.usda.gov">Ron.Croushorn@fas.usda.gov</a>    |
| Plant Health   | 01 Oct 2006-30 Sept 2011<br><br>Regional Trade Liberalization and Customs Project<br><br>a portion of the project funds of \$3,884,862 were used in support of SPS trade capacity building (TCB) activities) | The US Department of Agriculture's Foreign Agricultural Service (USDA- FAS) sponsored research between USDA scientists and West African scientists to help assess the vulnerability of sorghum cultivars, hybrids, and land races from the US and West Africa to long smut and grain mold fungi.   | Senegal, Niger                       | Nora Banks<br>(202) 720-3904<br><a href="mailto:Nora.Banks@fas.usda.gov">Nora.Banks@fas.usda.gov</a>           |
| Animal Health, WTO TBT Enquiry and Notification Points | 14 May 2007-31 Dec 2009<br><br>Phytosanitary Information Management System (Database)<br><br>\$10,000  | The US Agency for International Development (USAID), in partnership with the government of Kazakhstan, sponsored the Regional Trade Liberalization and Customs Project (RTLTC) to advance development and to liberalize and facilitate export and import flows. The RTLTC worked with the Government of Kyrgyzstan to formulate steps to improve its SPS notifications systems and drafted several amendments to Tajikistan's existing legislation, including amendments to the draft veterinary law that are consistent with the SPS Agreement and other WTO disciplines. Further, the RTLTC assisted Tajikistan in establishing its SPS and TBT Enquiry Point and National Notification Authority points of contact. | Tajikistan, Kyrgyzstan               | Jeremy Strauss<br>7-727-2507612 (6317)<br><a href="mailto:jstrauss@usaid.gov">jstrauss@usaid.gov</a>           |
| Plant Health   | 01 Oct 2007-30 Sept 2012<br><br>Micro, Small and Medium Enterprise II / Business Enabling Environment<br><br>A portion of the \$1,700,000 of project funds were used in support of SPS TCB activities        | The US State Department funded a USDA-led Phytosanitary Information Management System Program in partnership with Serbia's Plant Protection Directorate to develop a database on pests of quarantine importance. This will allow Serbia to better monitor and address its plant health issues.   | Serbia                               | Erica Johnston<br>202-720-1423<br><a href="mailto:erica.johnston@fas.usda.gov">erica.johnston@fas.usda.gov</a> |

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|--|--|---|---|--|
| Animal Health and Food Safety            | 01 Oct 2007-30 Sept 2010<br><br>Agribusiness Trade Promotion Program (ATP)<br><br>A portion of the \$4,000,000 of project funds were used in support of SPS TCB activities | In 2010, the USAID funded the Cambodia Micro Small and Medium Enterprise II/Business Enabling Environment (MSMEII/ BEE) Project that trained farmers on SPS and bio-security with animals at their farms in cooperation with leading input suppliers. MSMEII/BEE also supported the development of the animal health law and its implementing regulations, as well as the fisheries law. MSMEII/BEE also assisted rural physical markets to improve sanitation in the areas where meats and fish are sold by working with local Market Committees. The project is intended to help Cambodia enhance its competitiveness, productivity and trade capacity through improved management practices, market knowledge and improvements in laws and regulations among others. | Cambodia                                  | Angela Hogg<br>93 700 234 205<br><a href="mailto:ahogg@usaid.gov">ahogg@usaid.gov</a>                              |
| Animal Health, Plant Health, Food Safety | 2 Apr 2009-22 Dec 2009<br><br>Cocoa Plant Disease<br><br>\$20,000  | In 2010, the USAID funded the Agribusiness and Trade Promotion (ATP) Program in West African countries to increase the value and volume of intra-regional agricultural trade of maize, onions and ruminant livestock in West Africa. Among other trainings, the ATP conducted several cascade trainings, e.g., cattle fattening, including SPS measures for 1,250 livestock producers; meat cutting techniques with emphasis on food safety for 1,000 butchers; and, integrated pest management in the maize value chain. The ATP also sponsored a stakeholders' workshop on aflatoxin control in West Africa.  | Burkina Fasso, Cote d-Ivoire, Ghana, Mali | Ismael Quedraogo<br>233247014619<br><a href="mailto:iouedraogo@agribizafrica.org">iouedraogo@agribizafrica.org</a> |
| Plant Health                             | 1 Aug 2009-12 Dec 2009<br><br>Faculty Exchange Program<br><br>\$161,000  | The USDA-FAS sponsored a Borlaug Fellow from Ghana to conduct collaborative research and undergo training at the University of Florida. The Ghanaian scientist focused his research on cocoa swollen shoot disease and new methods to eradicate the disease. His research contributed to the increase and profitable production of cocoa in the West Africa region, thus, improving food security in Africa.  | Ghana                                     | Karen Uetrecht<br>(202) 690-3359<br><a href="mailto:karen.uetrecht@fas.usda.gov">karen.uetrecht@fas.usda.gov</a>   |

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|-----------------------------|---|---|---|--|
| Food Safety                 | 1 Aug 2009-11 Dec 2009<br>Faculty Exchange Program<br>\$45,000                                    | Under the USDA Faculty Exchange Program, seven participants from Ethiopia (2), Ghana (3), and Nigeria (2) trained at Texas A&M University. This program brought university instructors to the United States for 4-5 months to upgrade their technical subject knowledge (e.g., plant pathology, entomology, horticulture or food science); improve their teaching and research skills; and, to develop new and revised courses (e.g., importance of SPS issues to world trade) for introduction at their home institutions. Participants attended a two-week workshop on pest risk analysis, border/airport inspection, and the US national surveillance system for plant diseases. | Ethiopia, Ghana, Nigeria                  | Ed Gerard<br>(202) 690-1983<br><a href="mailto:edward.gerard@fas.usda.gov">edward.gerard@fas.usda.gov</a>          |
| Food Safety                 | 1 Oct 2009-30 Sept 2010<br>Expanded Agribusiness and Trade Promotion (E-ATP) Program<br>\$400,000 | Under the USDA Faculty Exchange Program, two participants from Peru completed the program at Texas A&M University. This program brought university instructors to the US for 4-5 months to upgrade their technical subject knowledge (e.g., plant pathology, entomology, horticulture or food science); improve their teaching and research skills; and, to develop new and revised courses (e.g., importance of SPS issues to world trade) for introduction at their home institutions. Participants also attended a two-week workshop on Pest Risk Analysis, border/airport inspection, US national surveillance system for plant diseases, and other related subject matters.    | Peru                                      | Ed Gerard<br>(202) 690-1983<br><a href="mailto:edward.gerard@fas.usda.gov">edward.gerard@fas.usda.gov</a>          |
| Animal Health, Plant Health | 1 Sept 2010-31 Oct 2010<br>NAFTA Technical Working Group<br>\$25,000                              | The USAID funded a three year Expanded Agribusiness and Trade Promotion (E-ATP) Program to increase the value and volume of intra-regional trade in West African staple foods to improve the quality and availability of food, reduce poverty and enhance economic opportunities in the region. This program focuses on the millet/sorghum, poultry and rice trade with an emphasis on reducing the risks of avian influenza (AI) outbreaks and transmission.   | Burkina Fasso, Ghana, Mali, Senegal, Togo | Ismael Quedraogo<br>233247014619<br><a href="mailto:iouedraogo@agribizafrika.org">iouedraogo@agribizafrika.org</a> |
| Food Safety                 | 8 Sept 2009-30 Oct 2009<br>Cocoa Plant Disease<br>\$16,000  | The US Environmental Protection Agency (EPA) worked with NAFTA partners to harmonize Mexico's pesticide regulations with international standards and those of the United States.  | Mexico                                    | Lorry Frigerio<br>(703) 605-0654<br><a href="mailto:frigerio.lorry@epa.gov">frigerio.lorry@epa.gov</a>             |



| Sector(s)              | Date, Assistance Title and Budget in US Dollars                      | Description of Particular Programme  | Recipient Acceding or Member Country         | Contact   |
|------------------------|--|--|--|---|
| Plant Health           | 12 Sept 2009-24 Oct 2009<br>Dairy Management Training<br>\$19,000    | The USDA-FAS sponsored a Borlaug Fellow from Guatemala to receive training on cocoa at Rutgers University, to study the isolation of natural anti-fungal compounds and testing procedures to determine their effectiveness against <i>Moniliophthora Roreri</i> .  | Guatemala                                    | Catherine Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a>  |
| Animal Health          | 12 Sept 2009-24 Oct 2009<br>Genetics<br>\$13,400                     | The USDA-FAS Cochran Fellowship Program sponsored twelve fellows from Chile, Ecuador, and the Bolivarian Rep. of Venezuela for a two-week dairy management training program. Fellows met with industry and government leaders and received lectures hands-on workshops guided farm visits and a dairy processing plant tour led by University of Wisconsin-Madison faculty and staff experts on dairy cattle nutrition, systems management, biological systems engineering, milk quality, breeding, reproduction, genetics, calf care, facility design, cow comfort, economics of farm management, dairy product development and marketing. They also attended the 13 <sup>th</sup> Annual World Dairy Exposition International Dairy Short Course and Expo. | Chile, Ecuador, Bolivarian Rep. Of Venezuela | Tanya Hinnant<br>(202) 720-3382<br><a href="mailto:Tanya.Hinnant@fas.usda.gov">Tanya.Hinnant@fas.usda.gov</a><br>- {Eddd Noteee tanya to confirm if both govt and private |
| Plant Health, Genetics | 15 Sept 2008-15 Sept 2010<br>Chickpea Disease Prevention<br>\$30,000 | The USDA-FAS sponsored a Borlaug Fellow from the Instituto Nacional de Investigacion Agraria to train at Michigan State University for five weeks on transcription analysis using bioinformatic tools and microarray techniques. Training focused on bioinformatics, genetic engineering, and applied plant breeding. The fellow's home laboratory in Peru handles projects involving the molecular characterization of native Andean animals such as llama and alpaca as well as native crops. The fellowship enhanced the Fellow's understanding of bioinformatics and improved his laboratory's ability to undertake future projects.   | Peru   | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a>  |
| Plant Health           | 26 Sept 2009-31 Oct 2009<br>Feed Safety Analysis<br>\$19,990         | The USDA-FAS Scientific Cooperation Exchange Program provided \$30,000 to support a joint research project for <i>Ascochyta</i> blight resistance between Montana State University and the Indian Agricultural Research Institute. The research is intended to prevent plant diseases, such as <i>Ascochyta</i> , in order to increase the yields of chickpeas in India and the United States.   | India  | Khaliaka Meardry<br>(202) 690-1866<br><a href="mailto:khaliaka.meardry@fas.usda.gov">khaliaka.meardry@fas.usda.gov</a>  |

| Sector(s)                     | Date, Assistance Title and Budget in US Dollars                           | Description of Particular Programme  | Recipient Acceding or Member Country | Contact  |
|-------------------------------|---|--|--------------------------------------|--|
| Animal Health,<br>Food Safety | 26 Sept 2009-31 Oct 2009<br><br>Dairy Science<br><br>\$19,980             | A USDA-FAS Borlaug Fellow from Serbia's Scientific Institute of Veterinary Medicine of Serbia received training at Cornell University in feed safety analysis. The fellow worked on the mycotoxicological problems in animal nutrition and its effects on human health and learned new laboratory techniques in the mycotoxicological inspection of animal feed which can be used to strengthen feed monitoring protocols in Serbia. This training allowed the Fellow to adopt new research approaches to feed inspection and improve food safety standards in Serbia.   | Serbia                               | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |
| Food Safety                   | 27 Sept 2009-3 Oct 2009<br><br>Food Labelling<br><br>\$6,500              | A USDA-FAS Borlaug Fellow of the Institute for Food Technology and Biochemistry, Serbia, completed a Borlaug Fellowship at Cornell University that focused on dairy science. The fellow's studies included the investigation of the ripening of cured cheeses, quality controls on autochthonous dairy products, and HACCP standards in the dairy industry. She also learned advanced laboratory and analytical techniques relative to dairy products. As a result, the Fellow was able to refine the tutorials provided in her pilot plant in Serbia and increased cooperation between her host and home institutions.  | Serbia                               | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |
| Food Safety                   | 27 Sept 2009-10 Oct 2009<br><br>Livestock Herd Management<br><br>\$79,900 | A USDA-FAS Cochran Fellow from the Barbados National Standards Institute (BNSI) participated in a training program focusing on Food Labeling. The training was developed in conjunction with the FAS Office of Scientific and Technical Affairs. It included the development of food and nutrition labeling, labeling policies for fresh fruits and vegetables, development of standards for fresh fruits and vegetables, and aspects of the World Trade Organization Sanitary and Phytosanitary Agreement (WTO SPS). The Fellow met with staff from the USDA Foreign Agricultural Service (FAS), Food Safety and Inspection Service (FSIS), Agricultural Marketing Service (AMS), Center for Nutrition Policy and Promotion; the Food and Drug Administration; and the US Customs and Border Protection, as well as food industry representatives. The goal of this activity was to help Barbados improve its food and nutritional labeling standards, and assist Barbados in implementing the WTO SPS Agreement. | Barbados                             | Kelly Shaw<br>(202) 690-2735<br><a href="mailto:Kelly.Shaw@fas.usda.gov">Kelly.Shaw@fas.usda.gov</a>                         |

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|---------------|--|--|---------------------------------------|---|
| Animal Health | 27 Sept 2009-10 Oct 2009<br>Animal Disease Surveillance<br>\$37,400                        | The USDA-FAS Cochran Fellowship Program in partnership with the USAID, sponsored 15 African Fellows on Livestock Herd Management and received training on livestock and dairy improvement. The Fellows included dairy farm owners and managers, government researchers, and dairy and livestock association members. The focus was on five key areas: dairy cattle feed applications, animal nutrition, animal health, genetics, and dairy cattle herd management. Due to synergies with ongoing USAID activities under the Global Food Security Response (GFSR), USAID sponsored additional candidates in both Senegal and Mali.  | Burkina Faso, Mali, Senegal           | Lindsey Itle<br>(202) 690-0777<br><a href="mailto:lindsey.itle@fas.usda.gov">lindsey.itle@fas.usda.gov</a>                            |
| Animal Health | 27 Sept 2009-9 Oct 2009<br>Dairy Genetics<br>\$60,000                                      | The USDA-FAS sponsored four Cochran Fellows from Morocco (1) and Tunisia (3) to participate in a two-week training course in animal disease surveillance designed in conjunction with Ohio State University. Training covered veterinary epidemiology and disease surveillance; biosecurity of animal products during animal movement; import/export of animal products; disease diagnostic systems establishment; and laboratory capacities to handle highly infectious pathogens. Site visits included various government agencies. The goal was to help Morocco and Tunisia with their efforts to contain the spread of contagious animal diseases and to better understand US veterinary measures. | Morocco, Tunisia                      | Lindsey Itle<br>(202) 690-0777<br><a href="mailto:lindsey.itle@fas.usda.gov">lindsey.itle@fas.usda.gov</a>                            |
| Animal Health | 1 Oct 2009-30 Sept 2010<br>Veterinary Training Program<br>\$30,000                         | The USDA-FAS sponsored five Cochran Fellows from Pakistan to study dairy cattle and farm management, dairy genetics, nutrition, and animal health. Fellows attended the World Dairy Exposition and visited Ohio State University research facilities and laboratories, dairy farms, semen processing facilities, and artificial insemination facilities.   | Pakistan (Cochran Fellowship Program) | Avis Watts-Massenburg<br>(202) 690-0032<br><a href="mailto:avis.watts-massenburg@fas.usda.gov">avis.watts-massenburg@fas.usda.gov</a> |
| Animal Health | 1 Oct 2009-30 Sept 2010<br>Animal Disease Control Cost/Benefit Analysis Model<br>\$180,000 | The USDA-FAS partnered with the Georgia Institute for Public Affairs (GIPA) to support resident veterinarian trainings throughout Georgia. USDA-FAS, in partnership with Colorado State University, trained local veterinarian and regional coordinators on modern animal health advice, and development of associations in support of the animal disease surveillance system in Georgia.  | Georgia                               | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a>                       |

| Sector(s)                                | Date, Assistance Title and Budget in US Dollars                                     | Description of Particular Programme  | Recipient Acceding or Member Country   | Contact   |
|--|---|--|--|---|
| Animal Health                            | 1 Oct 2009-30 Sept 2010<br>East Africa SPS Advisor 2010<br>\$856,069                | The USDA-FAS, in partnership with experts at the University of Nevada- Reno, provided technical assistance to the Georgian Ministry of Agriculture to develop on a cost/benefit analysis model: a strategic decision-making tool to assist Georgia implement their brucellosis control action plan. The model can also be used to help determine the value and priority of various components of Georgia animal health programs and can provide a technical perspective for high-level animal health policy decision-making in Georgia.  | Georgia  | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a> |
| Animal Health, Plant Health              | 1 Oct 2009-30 Sept 2010<br>West Africa SPS Advisor 2010<br>\$856,069                | The USDA-FAS, in partnership with USAID, sponsored an SPS advisor to provide technical advice in the design of the SPS Capacity Building Program in the East Africa region. The advisor led the implementation of plant health, animal health, and food safety programs, as well as activities managed by USDA and USAID and developed technical agenda for SPS programs in West Africa. US partners also provided training on applied new and innovative approaches in planning, designing, and evaluating SPS programs; and recommended activities and approaches to advance the accomplishments of the program. | Kenya, Burundi, Djibouti, Ethiopia, Rwanda, Tanzania, Uganda and Zambia                                | Kelly Skupnik<br>(202) 720-5800<br><a href="mailto:Kelly.Skupnik@fas.usda.gov">Kelly.Skupnik@fas.usda.gov</a>   |
| Animal Health, Plant Health, Food Safety | 1 Oct 2009-30 Sept 2010<br>Southern Africa SPS Coordinators 2010<br>\$220,490       | The USDA-FAS sponsored an SPS advisor to provide technical advice in the design of the SPS Capacity Building Program in the West Africa region. The advisor led the implementation of plant health, animal health, and food safety programs and activities managed by USDA and USAID; developed technical agenda for SPS programs in West Africa; applied new and innovative approaches in planning, designing, and evaluating SPS programs; and recommended activities and approaches to advance the accomplishments of the program.  | Nigeria, Senegal, Benin, Burkina Faso, Cameroon, The Gambia, Ghana, Guinea, Liberia, Mali, Nigeria     | Kelly Skupnik<br>(202) 720-5800<br><a href="mailto:Kelly.Skupnik@fas.usda.gov">Kelly.Skupnik@fas.usda.gov</a>   |
| Animal Health, Plant Health              | 1 Oct 2009-30 Sept 2010<br>USFDA-CFSAN International Visitors' Program<br>\$142,100 | The USDA-FAS sponsored SPS coordinators to provide technical advice in the design of the SPS Capacity Building Program in the Southern Africa region. The coordinators led the implementation of plant health, animal health, and food safety programs and activities managed by USDA and USAID; developed technical agendas for SPS programs in southern Africa; applied new and innovative approaches in planning, designing, and evaluating SPS programs; and recommended activities and approaches to advance the accomplishments of the program.  | South Africa, Angola, Botswana, Lesotho, Malawi, Mauritius, Mozambique, Namibia, Swaziland, and Zambia | Kelly Skupnik<br>(202) 720-5800<br><a href="mailto:Kelly.Skupnik@fas.usda.gov">Kelly.Skupnik@fas.usda.gov</a>   |

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|---------------|---|---|--------------------------------------|--|
| Food Safety   | 3 Oct 2009-14 Nov 2009<br><br>Avian Disease Diagnostics (Borlaug Fellowship Program)<br><br>\$24,200  | USFDA Center for Food Safety Applied Nutrition (CFSAN) experts from many offices trained 326 international visitors in 62 visits from more than 40 developing countries. Most training sessions were short, but some lasted up to 30 days. Long-term research and laboratory training was provided for 3-24 months with country support. Topics included food safety inspection and compliance problems, agricultural biotechnology, food additive safety, infant formula, food labeling, seafood and juice HACCP, Good Manufacturing Practices (GMP), and antibiotic use in aquaculture.   | Global                               | Johnny Braddy<br>240-402-1709<br><a href="mailto:johnny.braddy@fda.hhs.gov">johnny.braddy@fda.hhs.gov</a>                    |
| Animal Health | 4 Oct 2009-30 Nov 2009<br><br>Virus Detection<br><br>\$24,000   | The USDA-FAS sponsored a Borlaug Fellow from Bulgaria from the National Diagnostic and Research Veterinary Medicine Institute (NDRVMI) to study avian disease diagnostics at Texas A&M University (TAMU). The fellow trained on reverse transcription-polymerase chain reaction (RT-PCR) for the rapid diagnosis of New Castle disease. The training was intended to assist the Fellow with improving the diagnostic and research capabilities of NDRVMI in Bulgaria.   | Bulgaria                             | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |
| Animal Health | 4 Oct 2009-17 Oct 2009<br><br>Food Safety Practices and Policies<br><br>\$23,300                      | A Borlaug Fellow from the Philippines received training on virus detection methods in porcine tissue and serum samples at the University of Georgia. The Fellow trained on using enzyme-linked immunosorbent assay (ELISA) and real-time polymerase chain reaction techniques to increase her diagnostic capability of virus detection. The analytical techniques that she mastered enhanced her ability to identify the virus which causes porcine reproductive and respiratory syndrome (PRRS) in swine tissue. These techniques are transferable to other types of veterinary outbreaks. | Philippines                          | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |
| Food Safety   | 5 Oct 2009-8 Oct 2009<br><br>National Avian Influenza Diagnostics Laboratory Workshop<br><br>\$45,000 | The USDA-FAS provided training for two Philippine Cochran Fellows on food safety. The topics included food quality control and standards, food labeling, import and export regulation guidelines governing processed foods, and interactions with federal inspection services. This was intended to enhance the Philippines' capability to develop and implement science-based regulations for imported processed food products.  | Philippines                          | Phuong Mai<br>(202) 690-2986<br><a href="mailto:phuong.mai@fas.usda.gov">phuong.mai@fas.usda.gov</a>                         |

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|---------------|--|---|--------------------------------------|--|
| Animal Health | 8 Oct 2009-17 Nov 2009<br>Disease Risk Assessment<br>\$20,100  | The USDA-FAS sponsored a national workshop on testing and diagnostic protocols for highly pathogenic avian influenza and common differential diseases in Dhaka, Bangladesh. The workshop was attended by approximately ten participants from the Bangladesh Central Disease Investigation Laboratory and the Bangladesh Livestock Research Institute.   | Bangladesh                           | Andrew White<br>(202) 690-2744<br><a href="mailto:Andrew.White@fas.usda.gov">Andrew.White@fas.usda.gov</a>                   |
| Animal Health | 8 Oct 2009-8 Dec 2009<br>Food Safety (Borlaug Fellowship Program)<br>\$13,400  | The USDA-FAS sponsored a Borlaug Fellow from Bulgaria to train at Iowa State University in disease risk assessment. The training focused on the epidemiology of exotic animal diseases and statistical and mathematical modeling as it relates to risk assessment. This training bolstered the expertise of the National Veterinary Service of Bulgaria in risk assessment.   | Bulgaria                             | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |
| Food Safety   | 9 Oct 2009-17 Oct 2009<br>Georgian Delegation to attend Annual United States Animal health Association Meeting<br>\$40,000 | USDA-FAS sponsored a Borlaug Fellow from El Salvador to train on fruit and vegetable processing at the University of Kentucky. The training covered quality and food safety standards and practices to avoid post-harvest losses; fruit and vegetable pulp preservation (pasteurization, blanching, freezing, and dehydration); and other subject matters.  | El Salvador                          | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |
| Animal Health | 11 Oct 2009-21 Nov 2009<br>Detection of Food-borne Pathogens<br>\$19,900   | The USDA-FAS sponsored a Georgian Delegation to attend the Annual Meeting of United States Animal Health Association (USAHA) and 52 <sup>nd</sup> Annual Conference of American Association of Veterinary Laboratory Diagnosticians. MOA officials were exposed to the USAHA model in order to enhance their scientific knowledge base on animal health issues and policy so as to better implement effective animal health services/extension services in Georgia. | Georgia                              | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a>              |
| Food Safety   | 12 Oct 2009-25 Nov 2009<br>Pathogen Control<br>\$20,000  | The USDA-FAS sponsored a Borlaug Fellow from Bulgaria to train at Oklahoma State University (OSU) in the rapid detection of food-borne pathogens and food spoilage organisms. The Fellow worked in OSU's microbiology and molecular laboratories learning to detect pathogens using real-time techniques. This fellowship assisted the fellow with in-country laboratory analysis using rapid methods of pathogen detection.  | Bulgaria                             | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |

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|----------------------------|---|--|--|--|
| Animal Health, Food Safety | 12 Oct 2009-21 Nov 2009<br><br>Econometric Analysis of Food Safety Measures<br><br>\$19,200                   | The USDA-FAS, in partnership with the University of Tennessee, Knoxville, sponsored a Borlaug Fellow from Bulgaria's National Diagnostic and Research Veterinary Medicine Institute (NDRVMI) to train in food safety. Training included microbiological and physiological control of pathogens in foods of animal origin. The training focused on the isolation and examination of E. coli O157 as it relates to food safety and contamination prevention. This training was intended to increase the capacity of NDRVMI to investigate and prevent the contamination of food with pathogenic strains. | Bulgaria                               | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a>   |
| Food Safety                | 16 Oct 2009-16 Oct 2009<br><br>Food Safety Training Program<br><br>\$2,300                                    | The USDA-FAS, in partnership with Ohio State University, sponsored a Fellow from India's National Center for Agricultural Economics and Policy to train on the econometric analysis of food safety measures from the farm to the consumer. This fellowship encouraged the adoption of economically feasible food safety standards in India.  | India                                  | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a>   |
| Food Safety                | 20 Oct 2009-20 Oct 2009<br><br>West Africa Training in Laboratory Quality Control<br><br>\$32,198             | USFDA experts demonstrated the efficacy of the US food safety system for fresh foods of plant origin with five government officials from Indonesia related to the Indonesian Decree 27 at a day-long conference at CFSAN.  | Indonesia                              | Debbie Subera-Wiggin<br>240-402-1726<br><a href="mailto:debbie.subera-wiggin@fda.hhs.gov">debbie.subera-wiggin@fda.hhs.gov</a> |
| Plant                      | 20 Oct 2009-29 Oct 2009<br><br>Participation in Brazilian Course of Fruit Fly Control Programs<br><br>\$7,328 | The USDA-APHIS provided technical experts to West African nations to upgrade their laboratory quality control capabilities.  | Africa                                 | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>       |
| Plant Health               | 25 Oct 2009-25 Oct 2009<br><br>The Global Food Basket Sanitary and Phytosanitary Seminar<br><br>\$15,000      | The USDA-APHIS funded participation of a Bolivian plant health expert, at a Brazilian course on fruit fly identification and control, with the objective of strengthening Bolivia's phytosanitary health system.   | Bolivia, Plurinational State of/Brazil | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>       |



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|---------------|---|---|---|---|
| Animal Health | 26 Oct 2009-30 Oct 2009<br><br>Workshop on Livestock Disease Risk Assessments in the Horn of Africa<br><br>\$25,000                       | The USDA-FAS sponsored a risk-based disease control and trade seminar for key high level officials, including chief veterinary officers from the Middle East, to outline the importance and principles of risk analysis and trade. The focus was primarily on trade between the Middle East and the Horn of Africa in livestock and poultry, and the creation of safe trade corridors. This seminar was held in conjunction with the Middle East Regional World Animal Health Organization (OIE) meeting.   | Kenya, Qatar, Bahrain, Kuwait, Kingdom of Saudi Arabia, United Arab Emirates, Yemen | Kelly Skupnik<br>(202) 720-5800<br><a href="mailto:Kelly.Skupnik@fas.usda.gov">Kelly.Skupnik@fas.usda.gov</a> |
| Animal Health | 29 Oct 2009-30 Oct 2009<br><br>INOFOOD 2009 Cumbre Iberoamericana de Inocuidad y Seguridad Alimentaria<br><br>\$3,000                     | The USDA-FAS co-sponsored a workshop on qualitative and quantitative risk analysis. The goals of this workshop were to develop an appreciation of risk assessment as it relates to trade in live animals and commodities, understand the use of surveillance data in risk analysis, and enhance knowledge of methods of risk mitigation to support regional trade in livestock and animal products in the Horn of Africa. The workshop sponsors were USDA-FAS, USAID, the International Livestock Research Institute (ILRI), and the African Union Inter-African Bureau for Animal Resources (AU-IBAR). | Djibouti, Eritrea, Ethiopia, Kenya, Somalia, and Southern Sudan                     | Kelly Skupnik<br>(202) 720-5800<br><a href="mailto:Kelly.Skupnik@fas.usda.gov">Kelly.Skupnik@fas.usda.gov</a> |
| Food Safety   | 30 Oct 2009<br><br>Standards and Trade Development Facility<br>Workshop on Use of Economic Analysis in SPS Decision Making<br><br>\$1,600 | USFDA experts presented lectures on "US Food Safety System and Requirements for Importation into the United States", "Emerging Food-borne Pathogens: An Important Public Health Issue" to food industry exporters, sponsored by GCL Fundacion.  | Chile   | Ana Maria Osorio<br><a href="mailto:anamaria.osorio@fda.hhs.gov">anamaria.osorio@fda.hhs.gov</a>              |
| Food Safety   | 1 Nov 2009-5 Nov 2009<br><br>JIFSAN/USFDA Good Aquaculture Practices Train-the-Trainer<br><br>\$89,500                                    | USFDA expert made a presentation to 100 international delegates to the WTO SPS Committee on measuring the benefits and costs of food safety regulations at the STDF workshop in Geneva.   | Global  | David Zorn<br>240-402-1825<br><a href="mailto:david.zorn@fda.hhs.gov">david.zorn@fda.hhs.gov</a>              |



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| Food Safety   | 1 Nov 2009-14 Nov 2009<br><br>PVS Gap Analysis Review for Bhutan<br><br>\$25,071   | USFDA-CFSAN and academic experts delivered a train-the-trainer program to roughly 50 aquaculture industry producers and regulators hosted by the Bangladesh Shrimp and Fish Foundation.   | Bangladesh                           | Stanley Serfling<br>240-402-2320<br><a href="mailto:stanley.serfling@fda.hhs.gov">stanley.serfling@fda.hhs.gov</a>           |
| Animal Health | 1 Nov 2009-18 Dec 2009<br><br>Risk Assessment of Genetically Modified Organisms (Borlaug Fellowship Program)<br><br>\$24,000 | USDA-APHIS official took part in an OIE sponsored assessment, "Provision of Veterinary Services" tool. The assessment aimed to identify infrastructure needs in the official veterinary sector in Bhutan.   | Bhutan                               | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>     |
| Food Safety   | 2 Nov 2009-6 Nov 2009<br><br>Montenegro and Serbia Results Evaluation Consultation<br><br>\$22,000                           | The USDA-FAS sponsored a Borlaug Fellow from Viet Nam to train at Iowa State University on methods to conduct a confined field trial for risk assessment of biotech crops which can be applied in Viet Nam's ecological conditions. Training included the study of greenhouses and trial sites, design of trial protocol, monitoring for risk assessment on biodiversity, non-target insects, soil ecosystems, and gene flow. The fellowship helped the Fellow to prepare to regulate and provide technical guidelines for field trials of biotech crops in Viet Nam, including biotech maize, soybean, and cotton. | Viet Nam                             | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |
| Animal Health | 3 Nov 2009-3 Nov 2009<br><br>Video Teleconference on Iraq Capacity Building<br><br>\$594                                     | The USDA-FAS sent a team of technical experts to visit with several veterinary scientific institutes, veterinary practitioners, and other key stakeholders to gather and evaluate results for the Serbia and Montenegro animal health programs. The evaluations provided key data on the impact of this animal health program in the understanding of and practices related to international standards, institutional support, diagnostic skills, veterinary higher education and animal diseases.  | Serbia                               | Trachelle Carr<br>(202) 690-0787<br><a href="mailto:Tracelle.Carr@fas.usda.gov">Tracelle.Carr@fas.usda.gov</a>               |
| Animal Health | 5 Nov 2009-13 Nov 2009<br><br>Plant Health Law Assistance<br><br>\$7,689   | The USDA-APHIS coordinated a video teleconference aimed at supporting technical information exchange on animal health measures for Iraqi participants to gain a better understanding of USDA APHIS regulations.   | Iraq                                 | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>     |

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|---------------|--|--|--------------------------------------|--|
| Plant Health  | 9 Nov 2009-9 Nov 2009<br>West Africa Poultry Pathology Training<br>\$38,000                                    | A USDA-APHIS representative participated in listening sessions and made recommendations on new plant health legislation for Viet Nam that will be useful in protecting its plant health while participating in international trade.  | Viet Nam                             | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 9 Nov 2009-13 Nov 2009<br>Lab Network Quality Assurance meeting<br>\$525                                       | A USDA-APHIS technical expert provided sessions in West African Poultry Pathology workshops in Nigeria and Cameroon. Sessions included insight into recognition/control of common poultry diseases and identification/containment of pathogenic avian influenza.   | Nigeria & Cameroon                   | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 9 Nov 2009-13 Nov 2009<br>Pre-Audit Guatemala November 2009<br>\$9,153   | USDA-APHIS funded a Laboratory Network Quality Assurance Workshop intended to aid Ghana with its laboratory quality assurance efforts. The goal is to improve the quality of diagnostics among laboratories in Ghana and aid in rapid response to animal disease threats, particularly highly pathogenic avian influenza.                          | Africa                               | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety   | 10 Nov 2009-14 Nov 2009<br>Regional Live Bird Market System, HACCP and Poultry Biosecurity Workshop<br>\$5,942 | The USDA-FAS sponsored an expert to conduct pre-audits of various poultry and meat plants in Guatemala seeking partial equivalence to evaluate the plants and confirm that suggested changes and updates have taken place as well as to see that standards and regulations set forth by the USDA Food Safety and Inspection Service have been met. | Guatemala                            | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>      |
| Animal Health | 13 Nov 2009-13 Nov 2009<br>Phytosanitary Certification and WPM Meeting<br>\$2,377                              | USDA-APHIS funded a Regional Live Bird Market Systems and Poultry Biosecurity workshop in Tunisia. Eighteen participants from North and East Africa attended. The workshop goals were to improve the region's live bird market systems and poultry biosecurity.  | North and East Africa                | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Plant Health  | 15 Nov 2009-19 Nov 2009<br>Risk Analysis and Technical Training<br>\$65,014                                    | USDA-APHIS sponsored a delegation meeting used to determine when a phytosanitary certificate is genuine; explained the USDA APHIS wood packing materials treatment/certification program; and assisted Indonesia with its treatment and certification processes.   | Indonesia                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |

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|---------------|---|--|--------------------------------------|--|
| Food Safety   | 16 Nov 2009-20 Nov 2009<br><br>Veterinary Accreditation and National Animal Identification Training<br><br>\$12,714 | The USDA-FAS and APHIS sponsored a risk analysis and technical training in Cairo, Egypt with Tuskegee University. The focus of the training was to help Egypt's government agencies, university faculty members, and trade and consumer groups examine the techniques of risk analysis and meet international risk assessment principles. The training enhanced participants' understanding of techniques used in risk analysis, the process of weighing policy alternatives to control risks, and how to communicate risks effectively to the public. Participants included mid-level decision-makers involved in risk assessments for animal, plant, and human health. | Egypt                                | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>      |
| Animal Health | 19 Nov 2009-3 Dec 2009<br><br>Sanitary and Phytosanitary Risk Assessments<br><br>\$35,000                           | The USDA-FAS supported a USAID-funded technical veterinary expert who conducted veterinary accreditation and national animal identification trainings and provided assistance to Guatemala in reviewing their current programs and plans. This training strengthened and improved animal health surveillance and traceability of animal diseases in Guatemala.   | Guatemala                            | Gabbriel Frigm<br>202-720-5495<br><a href="mailto:gabbriel.frigm@fas.usda.gov">gabbriel.frigm@fas.usda.gov</a>           |
| Food Safety   | 20 Nov 2009-20 Nov 2009<br><br>West Africa Training in Laboratory Quality<br><br>\$32,198                           | The USDA -FAS, under the US-China Scientific Cooperation Exchange Program, collaborated with the University of Georgia to facilitate food safety training for six Chinese professionals from various Shanghai universities, the Ministry of Agriculture, and the Institute of Agri-food Standards and Testing Technology. Key objectives of the training were to introduce emerging food tracing technologies, improve temperature monitoring techniques, and increase the effective utilization of international standards and risk assessments to assess regulatory decisions and impacts on trade.  | China                                | Khaliaka Meardry<br>(202) 690-1866<br><a href="mailto:khaliaka.meardry@fas.usda.gov">khaliaka.meardry@fas.usda.gov</a>   |
| Animal Health | 23 Nov 2009-26 Nov 2009<br><br>Veterinary Training on Biosafety and Biosecurity<br><br>\$20,000                     | The USDA-APHIS provided assistance in upgrading laboratory capacity and importance of uniform laboratory procedures, focusing on quality control systems and laboratory management of West African nations.  | West Africa                          | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 26 Nov 2009-6 Nov 2009<br><br>Pest Risk Assessment Training<br><br>\$13,071   | The USDA-FAS conducted a technical epidemiology and veterinary training workshop with Georgian veterinarians on biosecurity and biosafety.   | Georgia                              | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a>          |

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|---------------|---|---|--------------------------------------|--|
| Plant Health  | 30 Nov 2009-4 Dec 2009<br><br>Annual Coordination Meeting of West and Central Africa Regional Network of National Veterinary Diagnostic Laboratories<br><br>\$3,061 | The USDA-APHIS under the Faculty Exchange Program, in partnership with Texas A&M, trained 10 participants from Africa and Central/South America on Pest Risk Assessment, to help increase exports of plant products.  | Africa, Central/South America        | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 30 Nov 2009-4 Dec 2009<br><br>Detection of Citrus HLB using Real Time PCR<br><br>\$9,500  | The USDA APHIS and Food and Agriculture Organization (FAO) presented a workshop in Bamako, Mali on strengthening laboratory networks among the countries of Western and Central Africa to support rapid detection and early response to Highly Pathogenic Avian Influenza (HPAI). Western and Central Africa will now be better armed in rapid detection of HPAI.   | Western and Central Africa           | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Plant Health  | 30 Nov 2009-12 Dec 2009<br><br>Pre-Audit Dominican Republic<br><br>\$9,412  | The USDA-APHIS provided training of laboratory technicians on the real time Polymerase Chain Reaction Protocol for the detection of Huang Long Bing in citrus samples. The results are expected to help laboratory technicians from the Dominican Republic, Belize, and Honduras to quickly detect and respond to citrus greening virus outbreaks.  | Dominican Republic/Belize/Honduras   | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety   | 1 Dec 2009-14 Dec 2009<br><br>Veterinary Science<br><br>\$35,000  | The USDA-FAS sponsored a veterinary expert to conduct pre-audits of various poultry and meat plants in the Dominican Republic that are seeking partial equivalence to evaluate the plants and confirm that suggested changes and updates had taken place as well as to see that standards and regulations set forth by the USDA Food Safety and Inspection Service have been met. This assistance directly supported the Central America Free Trade Agreement (CAFTA-DR). | Dominican Republic                   | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>      |

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|---------------|--|--|--------------------------------------|--|
| Biotech       | 1 Dec 2009-30 Sept 2010<br><br>Identifying National, Regional and Global Space-time Patterns of H5N1, HPAI<br><br>\$50,000   | Through the US-China Scientific Exchange Program, veterinary experts from USDA and Iowa State University trained six Chinese officials from the China Institute of Veterinary Control on pre-license evaluation, risk assessment for genetically modified vaccines, standardized reagents, and other subject matters. The training was designed to assist the Chinese government with establishing an International Office of Epizootics collaborating center. The training also expanded opportunities to develop and trade safe biotechnology-based veterinary products and strengthen the agricultural safeguarding system in China by promoting the use of safe and nutritious products. | China                                | Khaliaka Meardry<br>(202) 690-1866<br><a href="mailto:khaliaka.meardry@fas.usda.gov">khaliaka.meardry@fas.usda.gov</a>   |
| Animal Health | 7 Dec 2009-11 Dec 2009<br><br>APHIS Experts Participation at the Epidemiology Working Group Meeting CaribVet<br><br>\$16,243 | The USDA-APHIS assisted FAO with analysis of patterns of HPAI outbreaks using FAO data. The analysis will be of help to countries potentially affected by over-flying bird populations including Western Europe, the Black Sea/Baltic Sea Basins, Western Africa, Egypt, and the Middle East, Central Russia and Kazakhstan.   | United Nations                       | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 7 Dec 2009-11 Dec 2009<br><br>Dairy II in Nicaragua<br><br>\$34,290  | The USDA-APHIS representatives from the Center for Epidemiology and Animal Health participated in an Epidemiology Working group for the Eastern Caribbean, with participants from Antigua, St. Vincent, Dominica, Trinidad & Tobago, and Jamaica. APHIS mentors participated in reviews and risk analysis surveys, scored priorities of diseases, and reviewed surveillance network assessment tools.  | Caribbean                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety   | 7 Dec 2009-11 Dec 2009<br><br>JIFSAN-USFDA Good Agricultural Practices Train-the-Trainer<br><br>\$2,000                      | The USDA-FAS sponsored training on dairy processing for Nicaragua's dairy industry on USFDA requirements for exporting firms. Training included: FDA requirements for Good Manufacturing Processes (GMPs), Hazard Analysis and Critical Control Points and Pasteurization (HACCP) in advance of the USFDA inspections of their facilities. The training helped Nicaragua's dairy processing industry implement improvements to the food safety management systems. It also enabled inspection officials to provide adequate oversight and verification of those systems.   | Nicaragua                            | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>      |

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| Food Safety               | 14 Dec 2009-18 Dec 2009<br><br>APEC Food Defense Pilot Project, Thailand: Phase 4<br><br>\$20,746                                   | The USDA-FAS and the Joint Institute for Food Safety and Applied Nutrition (JIFSAN) provided a five-day program, in country, to 50 potential trainers and melon producers from government, industry, and academia. Topics included basic environmental, human health, and sanitary operational practices necessary for production of safe, wholesome fruits and vegetables. "The Guide to Minimize Microbial Food Safety Hazards for Fresh Fruits and Vegetables" covered agricultural and postharvest water uses, manure and biosolids, worker health and hygiene, field and facility sanitation, transportation, and trace back.   | El Salvador                          | Christine Hileman<br>301-796-8319<br><a href="mailto:christine.hileman@fda.hhs.gov">christine.hileman@fda.hhs.gov</a> |
| Food Safety, Food Defense | 17 Dec 2009-17 Dec 2009<br><br>Reportable Food Registry Outreach<br><br>\$1,000   | The USDA-FAS sponsored and collaborated with, FSIS, US industry, and Thailand counterparts to execute two food defense awareness events. As a follow-up to a train-the-trainer workshop, academics from Katsetsart University presented with FAS at a two-day awareness workshop for key food sector stakeholders in Songkhla, Thailand, in cooperation with Prince of Songkhla University. The group implemented a seminar at Katsetsart University in Bangkok for the university's continuing education program. Also, advanced food defense information was provided during a general awareness workshop in May. The events were designed to raise awareness of the importance of protecting the food supply chain against intentional contamination and provide voluntary low cost/no-cost approaches to protect the safety and integrity of international agricultural trade. | Thailand                             | McCormick, Kelly<br>(202) 720-1347<br><a href="mailto:Kelly.McCormick@fas.usda.gov">Kelly.McCormick@fas.usda.gov</a>  |
| Food Safety               | 20 Dec 2009-21 Feb 2010<br><br>Supplies and Equipment Support to Lao National Avian Influenza Diagnostic Laboratory<br><br>\$10,074 | USFDA expert presented materials on the new reportable food registry (RFR) regulations and how to use DHHS's new electronic portal for the reportable food registry to six government officials in the Chilean Directorate on International Economic Affairs.  | Chile                                | Ana Maria Osorio<br><a href="mailto:anamaria.osorio@fda.hhs.gov">anamaria.osorio@fda.hhs.gov</a>                      |

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| Animal Health                        | 1 Oct 2009-30 Sept 2011<br><br>Trade Accession and Facilitation for Afghanistan<br><br>\$285,352 (a portion of the project funds were used in support of SPS TCB activities)                            | The USDA-APHIS donated supplies and equipment for rapid and reliable diagnostic systems to a Lao laboratory to combat the threat of HPAI which will greatly benefit the Lao laboratory.   | Lao, People's Dem. Rep. of           | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal and Plant Health, Food Safety | 1 Jan 2010-31 Jan 2010<br><br>Plant Pathogen Identification Training<br><br>\$11,883  | In 2010, the USAID funded the Trade and Accession Facilitation for Afghanistan (TAFE) project to foster Afghanistan's economic growth, trade and investment through regional and global trade linkages and economic integration. Such efforts included the review of draft laws on Plant Protection and Quarantine and Animal Health to harmonize them with the WTO SPS Agreement. The TAFE also assisted Afghanistan in developing a model law on food safety to serve as the basis for developing Afghanistan's food safety law. These efforts were designed to advance Afghanistan's WTO accession efforts | Afghanistan                          | Susan Kutor<br>93 700 234 205<br><a href="mailto:skutor@usaid.gov">skutor@usaid.gov</a>                                  |
| Plant Health                         | 1 Jan 2010-1 Jan 2011<br><br>India Biocontrol Program-Parasitoid<br><br>\$8,912   | The USDA-APHIS provided training to Ministry of Agriculture officials from Argentina on the identification of Phytophthora, a genus of plant pathogens that causes losses across a wide variety of crops. The training will greatly help Argentina prevent trade disruptions.   | Argentina                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Plant Health                         | 4 Jan 2010-19 Mar 2010<br><br>Implementation of Two Live Bird Market Seminars for the Prevention of Avian Influenza Virus for Backyards, Small Poultry Producers and Traders in Ecuador<br><br>\$16,000 | The USDA-APHIS provided bio-control agents, parasitoids, which helped India control papaya mealybug, a pest devastating papaya crops.   | India                                | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |



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| Animal Health        | 17 Jan 2010-5 Mar 2010<br><br>Borlaug India (Ashok Giri)<br>Allergen and Toxin Testing<br><br>\$21,642               | The USDA-APHIS and IICA-sponsored a biosecurity program targeting Ecuador's whole poultry production chain. The event showed the risk of introduction of aluminum and other diseases to small poultry production facilities and is expected to improve Ecuador's poultry chain.   | Ecuador                              | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>     |
| Biotech, Food Safety | 18 Jan 2010-30 Nov 2012<br><br>Strengthening the Agriculture Sector in Peru<br><br>\$2,971                           | The USDA-FAS sponsored a fellow from India for training at the University of Nebraska-Lincoln on allergen and toxin testing of genetically modified crops. The purpose of the training was to strengthen the fellow's background and knowledge about safety testing procedures for genetically modified crops. This training provided the Fellow and his laboratory with the tools to evaluate promising biotechnology products against food safety standards early in the development process, before considerable time and money is spent developing a non-approvable crop trait. | India                                | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |
| Animal Health        | 18 Jan 2010-21 Jan 2010<br><br>Regional Workshop for Invasive Mollusk Pests of Economic Importance<br><br>\$29,940   | The USDA-APHIS provided visitors from Peru with overviews of APHIS operations at ports of entry in the United States. Peru requested assistance to strengthen institutional capacity with the long-term goal of improving trade opportunities.  | Peru                                 | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>     |
| Plant Health         | 19 Jan 2010-30 Sept 2010<br><br>Biosecurity Training in the Districts of Canjur, Sukabumi, and Bogor<br><br>\$17,520 | The USDA-APHIS provided an Invasive Mollusk Pest workshop to various Caribbean Ministry officials in the Dominican Republic.  | Caribbean                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>     |
| Animal Health        | 18 Jan 2010-22 Jan 2010<br><br>Peru PASA Planning Meeting and Project Launch<br><br>\$40,000                         | The USDA-APHIS provided Indonesia biosecurity train-the-trainer workshops to enable Indonesia's government and poultry association to train farmers to develop their own farm biosecurity.  | Indonesia                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>     |



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| Food Safety   | 21 Jan 2010-23 Jan 2010<br><br>First Annual International Conference of Veterinary and Aquaculture Pathologies<br><br>\$19,300 | A team of USDA FAS project managers met with Peruvian counterparts to create a project work plan from which to guide USDA's support to Peru through 2012. The areas covered included: food safety, animal health, plant health, agricultural research, agricultural curriculum development, and participation in international standard setting organizations.   | Peru                                 | Jason Sandahl<br>(541) 359-1943<br><a href="mailto:Jason.Sandahl@fas.usda.gov">Jason.Sandahl@fas.usda.gov</a>            |
| Food Safety   | 25 Jan 2010-13 Feb 2010<br><br>World Spice Congress and spice assessment<br><br>\$70,400                                       | Five USFDA CFSAN and Center for Veterinary Medicine (CVM) experts presented Good Aquaculture Practices, HACCP food safety management systems, veterinary drug residue testing, and USFDA requirements for imports to 50 government officials, academics, and salmon industry hosted by the Universidad Austral de Chile. The USFDA-CFSAN and CVM experts presented talks on aquaculture production and drug residues in fish, focusing mainly on salmon production for 20 industry and government participants in Valdivia, Chile. | Chile                                | Barbara Montwill<br>240-402-1426<br><a href="mailto:barbara.montwill@fda.hhs.gov">barbara.montwill@fda.hhs.gov</a>       |
| Food Safety   | 25 Jan 2010-29 Jan 2010<br><br>Indonesia GPS and GIS open Source Course on January 25 - 29, 2010<br><br>\$40,288               | Three USFDA experts lectured in India about food safety requirements for spices and conducted a food safety assessment of the spice industry. They also worked with the India Spices Board to develop international technical assistance outreach materials to improve spice safety.   | India                                | Daria Kleinmeier<br>240-402-2026<br><a href="mailto:daria.kleinmeier@fda.hhs.gov">daria.kleinmeier@fda.hhs.gov</a>       |
| Animal Health | 26 Jan 2010-29 Jan 2010<br><br>Regional Coordination Workshop of Actors in the Poultry Value Chain<br><br>\$5,674              | The USDA-APHIS sponsored a five-day train-the-trainer workshop on Global Positioning Systems (GPS) and Geographic Information Systems (GIS) for Indonesian government and others, who will train livestock service personnel. The personnel can use GPS to better detect and respond to outbreaks of animal diseases. The course will ultimately serve as a helpdesk guide for Indonesian staff.   | Indonesia                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 27 Jan 2010-10 Sept 2010<br><br>Implementation of Science-based Principles in Risk Management<br><br>\$52,560                  | A USDA-APHIS representative provided a workshop on the Poultry Value Chain in Accra, Ghana. This will help Ghana develop a government-industry program to improve poultry health.  | Ghana                                | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |

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| Food Safety   | 29 Jan 2010-30 Sept 2010<br><br>University of Florida Study Tour on Food Safety/Quality Inspections & Grading<br><br>\$144,567 | The USDA-FAS funded USEPA experts to train Chinese officials on pesticide risk assessments establishment of MRLs and facilitating pesticide registrations. This will enhance China's capacity to conduct risk assessments based on internationally-accepted scientific principles and ensure food safety for China's farmers and consumers. China will also gain faster access to newer and safer pesticides. | China                                | Jason Sandahl<br>202-690-3985<br><a href="mailto:Jason.Sandahl@usda.gov">Jason.Sandahl@usda.gov</a>                      |
| Food Safety   | 1 Feb 2010-5 Feb 2010<br><br>Dairy III in Guatemala Feb. 2010<br><br>\$20,554  | The USDA-FAS and the Millennium Challenge Corporation (MCC) organized and hosted a study tour for six representatives from different agencies in Cape Verde responsible for food safety and food inspection regulations and grading.  | Cape Verde                           | John Kelly<br>(202)720-0249<br><a href="mailto:John.Kelly@fas.usda.gov">John.Kelly@fas.usda.gov</a>                      |
| Food Safety   | 1 Feb 2010-4 Feb 2010<br><br>WTO Assistance<br><br>\$11,525  | The USDA provided dairy training to officials in Guatemala to follow up with dairy plants on the implementation of recommended HACCP procedures and to work on the next steps in achieving international dairy sanitation standards required for exports.   | Guatemala                            | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>      |
| Food Safety   | 1 Feb 2010-13 Feb 2010<br><br>Capacity Building for Central Veterinary Laboratory<br><br>\$4,000                               | The USDA-FAS provided assistance to Serbia with their WTO accession efforts by addressing methods to harmonizing their SPS laws and regulations with international standards.   | Serbia                               | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>      |
| Animal Health | 1 Feb 2010-30 Sept 2010<br><br>Biosecurity Training in the Districts of Subang and Purwankarta<br><br>\$23,825                 | The USDA-APHIS funded a project trainer from South Africa to Namibia to establish quality management systems in veterinary laboratories to strengthen diagnostic HPAI capabilities and diagnosis in Namibia.  | Namibia                              | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 1 Feb 2010-10 July 2010<br><br>Indonesia Livestock Expo 2010<br><br>\$23,000   | The USDA-APHIS delivered biosecurity train-the-trainer workshops to enable government and poultry association officials to train farmers to develop their own farm biosecurity in Indonesia.  | Indonesia                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |

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| Animal Health              | 1 Feb 2010-13 Feb 2010<br><br>Capacity Building for Central Veterinary Laboratory, Namibia<br><br>\$8,940                      | The USDA-APHIS trained government and industry officials and staff in Indonesia as part of an international livestock exhibition via two seminars: Poultry Biosecurity and National Poultry Improvement Plan. The workshops will assist Indonesia in preventing the spread of H5N1 avian influenza.   | Indonesia                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>     |
| Animal Health              | 7 Feb 2010-18 Feb 2010<br><br>WTO Notification Database Assistance<br><br>\$29,869   | The USDA-APHIS funded training and facilitated the establishment of a quality management system in Central Veterinary Laboratories (CVL) in Namibia. Major deficiencies at the CVL were identified and benefits are expected to help staff in Namibia.  | Namibia                              | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>     |
| Food Safety                | 8 Feb 2010-19 Feb 2010<br><br>Dominican Republic Animal Health System Development<br><br>\$14,283                              | The USDA-FAS trained Egyptian Officials on WTO Enquiry Point Notification Systems to evaluate the progress made on their WTO notification database system and to assist in further refining the database as needed. This database will help Egypt track domestic and international regulatory notifications. As required by the WTO SPS Agreement, the training enhanced Egypt's SPS regime, facilitated greater transparency, and advanced private-sector participation in the regulatory process. Anticipated long-term results include the adoption of science-based policies to reduce and the elimination of non-tariff barriers to trade. | Egypt                                | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>          |
| Animal Health              | 8 Feb 2010-30 Apr 2010<br><br>Risk Assessment of Food-borne pathogens<br><br>\$25,200  | The USDA-FAS sponsored a veterinarian and an FAS SPS Advisor to assess the animal health systems in the Dominican Republic and to review previous efforts to upgrade the country's animal health surveillance and quarantine system. The experts met with officials in the Ministry of Agriculture's Veterinary Service to discuss future actions needed to achieve equivalence with the United States.   | Dominican Republic                   | Gabbriel Frigm<br>202-720-5495<br><a href="mailto:gabbriel.frigm@fas.usda.gov">gabbriel.frigm@fas.usda.gov</a>               |
| Food Safety & Plant Health | 13 Feb 2010-28 Feb 2010<br><br>USDA and Georgia Host Fourth National Animal Health Plan Steering Group Meeting<br><br>\$30,000 | The USDA's Scientific Exchange Program sponsored a scholar from India to train on risk assessment and risk management of foodborne microbial pathogens at Pennsylvania State University. The training focused on good agricultural practices, microbial food safety hazard analysis and Listeria. The scholar was able to learn a more integrated approach to food safety that allowed her to visualize ways to adopt intervention strategies upon her return to India.   | India                                | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |

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| Animal Health | 17 Feb 2010-19 Feb 2010<br><br>Western Hemisphere Codex Delegates Colloquium, Peru<br><br>\$135,562                           | The USDA-FAS conducted training workshops for local veterinarians involved in USDA's animal health program. Training covered disease control and surveillance, professional communication, business management for veterinarians, reproductive health, and microscopy/ serology.  | Georgia  | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a>          |
| Food Safety   | 15 Feb 2010-19 Feb 2010<br><br>Avian Influenza Epidemiology Training/Workshop<br><br>\$24,065                                 | The USDA-FSIS Codex Office and the State Department sponsored the Western Hemisphere Codex Colloquium that brought together delegates from Latin America and the Caribbean to exchange views and ideas related to five specific committees: CCPR, CCCF, CCMAS, CCFA, and CCFL. The goal was to cultivate stronger relationships between these countries on food safety issues in advance of upcoming worldwide meetings for these committees. | Argentina, Chile, Costa Rica, Guatemala, Mexico, Peru, St. Lucia, Bolivarian Rep. of Venezuela | Shane Danielson<br>(202) 720-1230<br><a href="mailto:Shane.Danielson@fas.usda.gov">Shane.Danielson@fas.usda.gov</a>      |
| Animal        | 15 Feb 2010-16 Feb 2010<br><br>Fruit Fly Workshop in Swaziland<br><br>\$2,000   | The USDA-APHIS funded four APHIS-Cambodia staff and veterinary epidemiologists from the National Animal Veterinary Research Institute of Cambodia (NaVRI) to train municipal and provincial officers to help prevent and control avian Influenza in Cambodia.   | Cambodia   | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Plant         | 17 Feb 2010-20 Feb 2010<br><br>Peruvian Attendance at International Organic Agriculture Symposium --- BIOFACHS<br><br>\$3,500 | The USDA-APHIS provided an invasive fruit fly workshop for Swaziland government officials on the identification and control of invasive fruit flies impacting the plant sector. The goal was to prevent the spread of emerging destructive species of fruit flies throughout Southern Africa.   | Swaziland  | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety   | 20 Feb 2010-7 Mar 2010<br><br>Food Safety/HACCP<br><br>\$43,577   | The USDA-FAS sponsored a Peruvian food safety official at the 2010 Biofach Organic Food Symposium in Germany. The goal of the project was to assist Peru with the development of its organic food standards.  | Peru   | Ben Rau<br>(202) 690-2344<br><a href="mailto:Ben.Rau@fas.usda.gov">Ben.Rau@fas.usda.gov</a>                              |

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| Food Safety   | 22 Feb 2010-6 Mar 2010<br><br>HACCP-Food Safety Regulations & Inspection Practices<br><br>\$54,000       | The USDA-FAS sponsored Cochran Fellows from Kazakhstan (four government and private food safety specialists) to receive training on food safety. The Fellows were exposed to best practices, quality assurance methods and safety regulations of the meat industry in Missouri. They learned about advanced food safety standards, Hazard Analysis and Critical Control Point regulations, certification of exports, government inspection and control, laboratory analysis at production facilities, and modern safety equipment. | Kazakhstan                           | Lev Kuchevski<br>(202) 690-1243<br><a href="mailto:lev.kuchevski@fas.usda.gov">lev.kuchevski@fas.usda.gov</a>            |
| Food Safety   | 23 Feb 2010-25 Feb 2010<br><br>Live Bird Market Biosecurity workshop<br><br>\$25,000                     | The USDA-FAS sponsored five Cochran Fellows from Colombia and the Dominican Republic to participate in a HACCP-Food Safety Regulations & Inspection Practices Training. The training, designed in conjunction with Texas A&M University, provided the team with an in-depth understanding of food safety.  | Colombia,<br>Dominican Republic      | Kelly Shaw<br>(202) 690-2735<br><a href="mailto:Kelly.Shaw@fas.usda.gov">Kelly.Shaw@fas.usda.gov</a>                     |
| Animal Health | 1 Mar 2010-30 Sept 2010<br><br>Good Poultry Practices Booklets in Bahasa (Indonesia)<br><br>\$16,000     | The USDA-APHIS sponsored a review of the Avian Influenza program in Peru to help put control on biosecurity for live bird markets into action. The training was intended to help Peruvian Ministry officials become better equipped to prevent the spread of H5N1 avian influenza.   | Peru                                 | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 1 Mar 2010-30 Sept 2010<br><br>Training Tools for teaching poultry biosecurity<br><br>\$15,850           | The USDA-APHIS funded a project to translate and prepare a set of five illustrated booklets on Good Poultry Practices as a resource to farmers in Indonesia with a goal of improving poultry safety.   | Indonesia                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 1 Mar 2010-30 Sept 2010<br><br>Poultry biosecurity trainings in 7 Provinces of Indonesia<br><br>\$55,703 | The USDA-APHIS provided additional tools in Indonesian Bahasa and English for teaching poultry biosecurity, thereby, helping to create a resource to be used by animal husbandry schools, district livestock services, poultry association and especially Indonesia.   | Indonesia                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 1 Mar 2010-13 Mar 2010<br><br>HACCP/ISO 22000 Course<br><br>\$3,200                                      | The USDA-APHIS sponsored a series of field-level workshops on poultry biosecurity in seven major poultry producing provinces in Indonesia.   | Indonesia                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |

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| Food Safety   | 1 Mar 2010-18 Apr 2010<br><br>Detection of Infectious Agents<br><br>\$21,500  | The USDA-FAS sponsored a Cochran Fellow from India to train and support his development of a HACCP plan and an adequate food safety management system utilizing the International Organization for Standardization ISO 22000 standard course to deal with food safety. The knowledge gained from this training helps enhance the hotel food industry in India build better food safety measures and support the efforts of India's New Food Safety and Standards Authority.   | India                                | Phuong Mai<br>(202) 690-2986,<br><a href="mailto:phuong.mai@fas.usda.gov">phuong.mai@fas.usda.gov</a>           |
| Animal Health | 2 Mar 2010-2 Mar 2010<br><br>USDA and Georgia Host Third National Animal Health Plan Steering Group Meeting<br><br>\$10,000 | USDA sponsored one Borlaug Fellow from Iraq to complete a seven-week training program in animal health at the University of Georgia. The fellow trained on the detection of infectious agents in animal tissues using immuno-histochemistry and situ hybridization and learned other diagnostic techniques such as ELISA to detect organisms and antibodies in an organism.   | Iraq                                 | Lisa Wendel<br>(202) 720-8877<br><a href="mailto:lisa.wendel@fas.usda.gov">lisa.wendel@fas.usda.gov</a>         |
| Animal Health | 3 Mar 2010-19 Mar 2010<br><br>Pest Management<br><br>\$35,000   | The USDA-FAS organized the Republic of Georgia's third National Animal Health Plan (NAHP) Steering Group meeting in Tbilisi to discuss implementation of Georgia's national strategy for coordination and implementation of improved animal disease management strategies and provide a forum for input to government decision making. The Steering Group included representatives from the Ministry of Agriculture, National Veterinarian and Food Safety Services, World Bank, US Department of Defense, and other key stakeholders and was logistically coordinated with the Georgia Institute for Public Affairs. | Georgia                              | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a> |

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| Plant Health  | 8 Mar 2010-12 Mar 2010<br><br>JIFSAN-USFDA Good Aquaculture Practices Train-the-Trainer<br><br>\$52,900 | The USDA Scientific Cooperation Exchange Program sponsored a Crop Pest Monitoring and Forecasting Training for six Chinese professionals from Beijing (2), Shanghai, Hunan, Shandong, and Jiangxi. University of Florida experts and farmers in rural Illinois trained the Chinese officials on the beneficial uses of Geographic Information Systems, including mitigating pests and creating pest warning and prediction systems. The experts also illustrated successful frameworks that allow US farmers, cooperatives, and private sector companies to work with federal, state, and county level organizations to obtain pre-warning services, pest management services, and financial assistance. The overall objective of the training was to encourage Chinese participants to adopt similar frameworks and to help subsistence and small scale farmers improve agricultural productivity thereby improving food security in China. | China                                | Khaliaka Meardry<br>(202) 690-1866<br><a href="mailto:khaliaka.meardry@fas.usda.gov">khaliaka.meardry@fas.usda.gov</a> |
| Food Safety   | 11 Mar 2010-16 Apr 2010<br><br>East Africa Livestock Program Design<br><br>\$45,000                     | Two US.FDA CFSAN experts worked with a JIFSAN team to give a five-day training program for 73 participants from government, academia, shrimp farmers and processors, and industry stakeholders and site visits to a fully integrated corporate shrimp farm and a family-owned shrimp farm. Topics included USFDA food laws and regulations, HACCP applications for shrimp hatchery operations, aquaculture product safety, traceability, GMPS, water quality management, and worker sanitation.  | Malaysia                             | Stanley Serfling<br>240-402-2320<br><a href="mailto:stanley.serfling@fda.hhs.gov">stanley.serfling@fda.hhs.gov</a>     |
| Animal Health | 14 Mar 2010-17 Mar 2010<br><br>Risk Analysis Workshop: Part II<br><br>\$25,790                          | The USDA-FAS supported the planning, design, and documentation of a livestock trade project in connection with the East Africa Regional Global Hunger and Food Security Implementation Plan. This effort will build upon previous work, including two workshops organized by USDA, USAID, and other partners in 2009.  | Kenya                                | Kelly Skupnik<br>(202) 720-5800<br><a href="mailto:Kelly.Skupnik@fas.usda.gov">Kelly.Skupnik@fas.usda.gov</a>          |



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| Food Safety, Biotech | 15 Mar 2010-19 Mar 2010<br><br>Assessment of Microbiological and Chemical Residue Laboratories<br><br>\$3,000 | The USDA-FAS and FSIS sponsored a Risk Analysis and Technical Workshop on Food Safety and Biotechnology in Cairo, Egypt. This workshop assisted Egyptian government agencies, university faculty members, and trade and consumer groups with examining the techniques of risk analysis as they apply to Food Safety and Biotech issues. This workshop was a follow-on effort to expand upon previous workshops and seminars and will facilitate Egypt's ability to meet the requirements on Risk Assessment as prescribed by the World Trade Organization.                                    | Egypt                                | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>          |
| Food Safety          | 15 Mar 2010-25 Mar 2010<br><br>Fruit Fly Technical Support with ARS<br><br>\$5,186                            | The USDA and the USFDA conducted an assessment of Peru SENASA's microbiological and chemical residue laboratories to help enhance Peru's laboratories capabilities.   | Peru                                 | Ben Rau<br>(202) 690-2344<br><a href="mailto:Ben.Rau@fas.usda.gov">Ben.Rau@fas.usda.gov</a>                                  |
| Pest Management      | 18 Mar 2010-19 May 2010<br><br>Risk Analysis Models for Food Safety<br><br>\$27,300                           | The USDA-Agricultural Research Service (ARS) reviewed the field situation and available information on mango production, losses, and fruit fly control, and indicated missing information. In conjunction with the Senegalese national plant production officials, ARS also recommended other activities required to be carried out for the eventual establishment of an area-wide integrated fruit fly suppression program in mango production areas in Senegal and the integration of sanitation, protein bait sprays and male annihilation as a sound integrated pest management approach. | Senegal                              | Erica Johnston<br>202-720-1423<br><a href="mailto:erica.johnston@fas.usda.gov">erica.johnston@fas.usda.gov</a>               |
| Food Safety          | 18 Mar 2010-3 Apr 2010<br><br>Hygiene and Sanitation Practices in Agriculture<br><br>\$41,800                 | The USDA-FAS sponsored a Scientific Exchange Scholar from India to train on risk analysis models for food safety from pesticides. Training covered major pesticides that contaminate food, the environment; the identification of major historical incidences of food contamination from chemicals; and the adverse effects of pesticides on humans, including human sensitivity and tolerance to pesticides. The training was conducted at Tuskegee University in conjunction with Tamil Nadu Agricultural University in Coimbatore, India.  | India                                | Catherine.Chesnutt<br>(202) 720-0301<br><a href="mailto:catherine.chesnutt@fas.usda.gov">catherine.chesnutt@fas.usda.gov</a> |



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| Food Safety   | 21 Mar 2010-27 Mar 2010<br>Cape Verde Poultry Patch Workshop<br>\$20,000  | The USDA-FAS sponsored four Cochran Fellows from Tajikistan (government and private specialists) to train on hygiene and sanitation practices in agriculture. The Fellows learned about best practices, quality assurance methods and safety regulations of agriculture in Minnesota and North Dakota, advanced food safety standards, HACCP regulations and government inspection and control.          | Tajikistan                                | Lev Kuchevski<br>(202) 690-1243<br><a href="mailto:lev.kuchevski@fas.usda.gov">lev.kuchevski@fas.usda.gov</a>            |
| Animal Health | 22 Mar 2010-27 Mar 2010<br>Pesticide Risk Assessment Workshop<br>\$3,000  | The USDA-APHIS sponsored a workshop on AI and other poultry diseases, biosecurity, surveillance, and poultry production to improve Cape Verde's, Angola's and Mozambique's ability to diagnosis HPAI.  | Cape Verde                                | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety   | 23 Mar 2010-31 Mar 2010<br>Mozambique-Fruit Fly analysis<br>\$3,357   | The USDA trained officials in Peru's Agricultural Health Service (SENASA) on conducting risk based assessments when registering new chemical pesticides.   | Peru                                      | Ben Rau<br>(202) 690-2344<br><a href="mailto:Ben.Rau@fas.usda.gov">Ben.Rau@fas.usda.gov</a>                              |
| Plant Health  | 3 Apr 2010-17 Apr 2010<br>Potato Production and Seed Development<br>\$73,352  | At the request of the Mozambique Department of Agriculture and the Eduardo Mondlane University, USDA-FAS and APHIS experts conducted fruit fly surveillance as part of a continuing effort to improve the capacity in Mozambique to survey and control the fruit fly Bactrocera invadens to prevent the disruption of exports.   | Mozambique                                | Erica Johnston<br>202-720-1423<br><a href="mailto:erica.johnston@fas.usda.gov">erica.johnston@fas.usda.gov</a>           |
| Production    | 12 Apr 2010-16 Apr 2010<br>IICA Workshop on Codex Alimentarius: Good Practices for Participation in SPS Forums\$5,000 | The USDA-FAS sponsored eight Cochran Fellows from Kyrgyzstan (government and private specialists) to train on potato production and seed development. Training included best practices, advanced methods to improve potato production, handling, in vitro potato seed development, organization of a seed lab, and systems for propagating high quality seeds adapted to the requirements of Kyrgyzstan. | Kyrgyzstan                                | Lev Kuchevski<br>(202) 690-1243<br><a href="mailto:lev.kuchevski@fas.usda.gov">lev.kuchevski@fas.usda.gov</a>            |
| Food Safety   | 12 Apr 2010-16 Apr 2010<br>JIFSAN-USFDA Good Agricultural Practices Train-the-Trainer<br>\$32,400                     | The USFDA and IICA-sponsored four Codex representatives from the Pacific Islands to Jamaica to build their interest and motivation in participating in Codex, review of SPS Agreement, trade facilitation, Codex Alimentarius standards setting process, how national committees work, and the USDA Preclearance Program. The program also included a site visit to a Jamaican Export Complex.           | Cook Islands, Fiji, Samoa, Tonga, Jamaica | Johnny Braddy<br>240-402-709<br><a href="mailto:johnny.braddy@fda.hhs.gov">johnny.braddy@fda.hhs.gov</a>                 |

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| Food Safety                                 | 4 Apr 2010-16 Apr 2010<br><br>Impact of Feral Animals on Agriculture Training<br><br>\$6,610   | The USDA and USFDA provided a five-day program in Peru for 53 potential trainers from government, industry and academia. Topics included basic environmental, human health, and sanitary operational practices necessary for production of safe, wholesome fruits and vegetables. Site visits were also made to farms producing asparagus, paprika, onions, corn and grapes.  | Peru  | Fernando Gonzalez<br>240-402-1178<br><a href="mailto:fernando.gonzalez@fda.hhs.gov">fernando.gonzalez@fda.hhs.gov</a>    |
| Animal Health                               | 12 Apr 2010-17 Apr 2010<br><br>Train-the-Trainer Workshop on Science Based Standards in International Regulatory Decision Making and Standard Setting<br><br>\$2,500 | The USDA-APHIS provided technical assistance to assess the current situation of feral animals affecting agriculture in Montserrat and St. Kitts-Nevis.  | Montserrat, St. Kitts and Nevis   | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health, Plant Health and Food Safety | 12 Apr 2010-16 Apr 2010<br><br>Good Agricultural Practices Workshop<br><br>\$35,000  | The USDA participated in workshop designed to train regulatory staff from COMESA member countries in the use of science based standards in international regulatory decision making and standard setting. Training included definitions, needs and objectives of international standards; how IPPC, OIE, and Codex Alimentarius structure and rule making processes operate; and the role of the WTO SPS committee. The African Union Inter-African Bureau for Animal Resources, through the PAN-SPSO project, sponsored the workshop to help facilitate greater participation of African countries in the three international standard setting bodies. | Burundi, Dem .Rep. of Congo, Djibouti, Eritrea, Ethiopia, Kenya, Madagascar, Malawi, Rwanda, Sudan, Swaziland, Uganda, Zambia, Zimbabwe | Kelly Skupnik<br>(202) 720-5800<br><a href="mailto:Kelly.Skupnik@fas.usda.gov">Kelly.Skupnik@fas.usda.gov</a>            |
| Food Safety                                 | 13 Apr 2010-15 Apr 2010<br><br>Serbia Animal Welfare Workshop<br><br>\$35,000  | The USDA in partnership with USFDA and the University of Maryland conducted Good Agricultural Practices training in Ica, Peru. The training focused steps producers can take to reduce the risk of food-borne illnesses contaminating their products.   | Peru  | Ben Rau<br>(202) 690-2344<br><a href="mailto:Ben.Rau@fas.usda.gov">Ben.Rau@fas.usda.gov</a>                              |

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| Animal Health | 15 Apr 2010-1 May 2010<br><br>Food Safety/HACCP<br><br>\$65,832  | The USDA-FAS hosted a workshop in Kladova, Serbia on global approaches to animal welfare and shelter medicine. Serbian veterinarians and public health officials discussed these issues and their impact on animal and public health as part of the ongoing USDA initiative to provide continuing assistance to Serbia Ministry of Agriculture veterinarians, veterinary inspectors, veterinary institute staff, and animal and public health decision makers. The objective was to enable participants to develop local policies and programs for management of animal populations and animal shelters. | Serbia                               | Trachelle Carr<br>(202) 690-0787<br><a href="mailto:Tracelle.Carr@fas.usda.gov">Tracelle.Carr@fas.usda.gov</a>   |
| Food Safety   | 19 Apr 2010-23 Apr 2010<br><br>Symposium prior to the Codex Committee on Pesticide Residues in Xian, China<br><br>\$8,000  | The USDA-FAS sponsored ten Cochran Fellows from Moldova and Ukraine to train on food safety on the best practices, quality assurance methods and safety regulations of meat industry in Nebraska. Topics included advanced food safety standards, Hazard Analysis and Critical Control Point (HACCP) regulations, certification of exports, labeling, government inspection and control.   | Moldova, Ukraine                     | Lev Kuchevski<br>(202) 690-1243<br><a href="mailto:lev.kuchevski@fas.usda.gov">lev.kuchevski@fas.usda.gov</a>  |
| Food Safety   | 19 Apr 2010-23 Apr 2010<br><br>Veterinary Accreditation in Nicaragua<br><br>\$7,341  | The USDA and the Chinese Institute for the Control of Agrochemicals, Ministry of Agriculture (ICAMA) held a seminar to discuss global efforts in MRL harmonization just prior to the 42 <sup>nd</sup> CCPR in Xian, China. US EPA scientists and experts conducted training workshops to promote the use of scientifically-sound risk assessment procedures and effective risk management policies relative to food safety.  | China                                | Jason Sandahl<br>(541) 359-1943<br><a href="mailto:Jason.Sandahl@fas.usda.gov">Jason.Sandahl@fas.usda.gov</a><br><br>Cathleen Barnes<br>(703) 305-7101<br><a href="mailto:barnes.cathleen@epa.gov">barnes.cathleen@epa.gov</a> |
| Animal Health | 09 Aug 2010-08 Sept 2010<br><br>Global Pesticide Tolerance Initiative for U.S. Specialty Crops: Technical and Policy Guidance to Emerging Markets<br><br>\$196,770 | The USDA-FAS funded an expert who conducted a veterinary accreditation (VA) training course and provided assistance to the Nicaraguan Ministry of Agriculture and Forestry (MAGFOR) in reviewing their current programs and plans. This training will improve Nicaragua's national veterinary service by standardizing the protocols for certification in veterinary medicine and animal disease control.  | Nicaragua                            | Gabbriel Frigm<br>202-720-5495<br><a href="mailto:gabbriel.frigm@fas.usda.gov">gabbriel.frigm@fas.usda.gov</a>   |

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| Plant Health  | 23 Apr 2010-30 Sept 2010<br><br>APEC High Level Policy Dialogue on Agricultural Biotechnology<br><br>\$187,174           | The USDA-FAS and USEPA experts conducted policy guidance workshops on pesticide registrations and MRL-setting for key emerging market countries in support of the second Global Minor-Use Summit. Training included how to establish pesticide MRLs and facilitate pesticide registrations. This will enable participants to understand how to conduct residue field trials that are accepted internationally; how crop groups are established; and how to nominate new pesticides for Codex reviews. | Emerging Markets Worldwide           | Jason Sandahl<br>202-690-3985<br><a href="mailto:Jason.Sandahl@usda.gov">Jason.Sandahl@usda.gov</a>                      |
| Biotech       | 24 Apr 2010-1 May 2010<br><br>Review of Classical Swine Fever Program<br><br>\$7,812                                     | The USDA-FAS provided capacity building activities to APEC economies on policy issues relative to agricultural biotech regulations. Efforts also included development of tools to assist APEC economies create, implement, and communicate transparent, science-based and WTO consistent biotechnology policies.  | APEC Emerging Markets                | Merritt Chesley<br>202-720-6369<br><a href="mailto:merritt.chesley@fas.usda.gov">merritt.chesley@fas.usda.gov</a>        |
| Animal Health | 1 May 2010- 30 Sept 2012<br>Expert Assessments, Evaluations and Training to Peru Plant Health officials<br><br>\$151,200 | The USDA-FAS reviewed El Salvador's classical swine fever surveillance program and recommended corresponding system improvements. The goal was to help Salvadorian officials prepare for an official APHIS audit.   | El Salvador                          | Gabbriel Frigm<br>202-720-5495<br><a href="mailto:gabbriel.frigm@fas.usda.gov">gabbriel.frigm@fas.usda.gov</a>           |
| Plant Health  | 1 May 2010-1 Jun 2010<br><br>Border Checkpoint Training Workshop<br><br>\$11,450   | The USDA-FAS provided technical assistance and capacity building to Peru's Plant Health Infrastructure using various experts who conducted assessments, evaluations, and training for Peru's officials and staff in various ministries.   | Peru                                 | Marsha Sheehan<br>(202) 690-0755<br><a href="mailto:Marsha.Sheehan@fas.usda.gov">Marsha.Sheehan@fas.usda.gov</a>         |
| Animal Health | 2 May 2010- 5 May 2010<br>ICS training for CVOs of the Caribbean<br><br>\$32,430   | The USDA-APHIS provided information on strengthening capacity building to border checkpoints as an important measure to prevent and control HPAI outbreaks and disease spread of HPAI in Lao, People's Dem. Rep. of.  | Lao, People's Dem. Rep. of           | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 3 May 2010- 7 May 2010<br><br>HACCP/Pre-Audit<br><br>\$37,433  | The USDA-APHIS provided Incident Command System (ICS) training on emergency response techniques. APHIS experts addressed previous outbreaks of LPAI and Newcastle Disease and lessons learned from emergency response plans. ICS related material for program emergency planning was provided.  | Belize, Jamaica                      | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |

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| Food Safety   | 3 May 2010-28 May 2010<br>Humphrey Fellowship<br>\$5,000                         | The USDA-FAS sponsored a veterinary inspector and an expert in HACCP from the IICA to provide training on HACCP and post-mortem and anti-mortem techniques for government inspectors and meat producers. The veterinary expert also conducted pre-audits of various beef plants that are seeking partial equivalence. This training is part of the on-going USDA efforts to assist the Dominican Republic in achieving equivalency with the United States for processed meat products. This activity supports the Central America Free Trade Agreement (CAFTA-DR).           | Dominican Republic                   | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>      |
| Food Safety   | 6 May 2010- 8 May 2010<br>Risk Analysis & Trade for African CVOs<br>\$7,079      | USFDA experts trained a Chinese official of the Shanghai AQSIQ on US Food Safety System, USFDA seafood safety regulations, compliance and food defense, and JIFSAN technical assistance programs to enhance seafood safety.  | China                                | Robin Woo<br>240-402-2776<br><a href="mailto:robin.woo@fda.hhs.gov">robin.woo@fda.hhs.gov</a>                            |
| Animal Health | 10 May 2010- 30 Sept 2010<br>ARS Research Plan on Samples – Viet Nam<br>\$98,500 | The USDA organized a seminar on trade and risk-based disease control for Chief Veterinary Officers (CVOs) from African Union member countries in Entebbe, Uganda. The seminar discussed principles of risk analysis relative to trade in livestock and animal products. This seminar was held in conjunction with the second Pan-African Meeting of CVOs, organized by the African Union's Inter-African Bureau for Animal Resources (AU-IBAR) project to increase participation of African nations in sanitary and phytosanitary standard-setting organizations (PAN-SPSO). | African Union Member countries       | Kelly Skupnik<br>(202) 720-5800<br><a href="mailto:Kelly.Skupnik@fas.usda.gov">Kelly.Skupnik@fas.usda.gov</a>            |
| Animal Health | 11 May 2010- 14 May 2010<br>PromPeru Annual Conference<br>\$8,000                | The USDA-APHIS provided funding for research collaboration between USDA-ARS and Vietnamese scientists wherein viruses and vaccines were analyzed for emerging influenza viruses from around the world in order to aid Viet Nam in testing against influenza viruses.   | Viet Nam                             | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety   | 13 May 2010- 28 May 2010<br>Animal Health – Armenia<br>\$42,100                  | Two USFDA experts provided Peru information on how to import foods to the United States; USFDA requirements for low acid canned food processors; and best practices for production of fresh fruits and vegetables for small and medium-sized production facilities of indigenous, novel foods.   | Peru                                 | Ana Maria Osorio<br><a href="mailto:anamaria.osorio@fda.hhs.gov">anamaria.osorio@fda.hhs.gov</a>                         |

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| Animal Health | 13 May 2010- 28 May 2010<br><br>Animal Health – Armenia<br><br>\$43,024                          | The USDA-FAS sponsored four private veterinarians from Armenia for training on animal health through the Cochran Fellowship Program in conjunction with Iowa State University. The training focused on the management of veterinary businesses, on-farm livestock production, disease prevention and control, and government and private contributions to the industry. The training covered dairy production practices, nutrition, artificial insemination and breeding technologies, surveillance and reporting of disease, structure of the industry, and disease identification and treatment. The training included visits to Iowa State University, government agencies, veterinary organizations and farms. | Armenia                              | Lev Kuchevski<br>(202) 690-1243<br><a href="mailto:lev.kuchevski@fas.usda.gov">lev.kuchevski@fas.usda.gov</a>            |
| Animal Health | 16 May 2010- 28 May 2010<br><br>Animal Health – Kazakhstan<br><br>\$21,300                       | The USDA-FAS sponsored four Cochran Fellows from Armenia to train on animal health in conjunction with Iowa State University. The training focused on disease prevention and control, the management of veterinary businesses, on-farm livestock production, breeding technologies, etc. and included visits to Iowa State University, government agencies, veterinary organizations and farms.  | Armenia                              | Lev Kuchevski<br>(202) 690-1243<br><a href="mailto:lev.kuchevski@fas.usda.gov">lev.kuchevski@fas.usda.gov</a>            |
| Animal Health | 17 May 2010- 30 Sept 2010<br><br>Fly species Identification in Livestock Training<br><br>\$7,328 | The USDA-FAS sponsored four Cochran Fellows from Kazakhstan (veterinarians) to train on animal health. Training included veterinary diagnostics, animal products, export/import control systems, agricultural biosecurity, disease control, and quarantine programs. Site visits to university and state veterinary diagnostic laboratories in Texas.  | Kazakhstan                           | Lev Kuchevski<br>(202) 690-1243<br><a href="mailto:lev.kuchevski@fas.usda.gov">lev.kuchevski@fas.usda.gov</a>            |
| Animal        | 17 May 2010- 21 May 2010<br><br>NPIP Consultancy<br><br>\$5,000                                  | The USDA-APHIS trained—Bolivian livestock producers to identify fly species and their distribution. Certain fly species cause myases in Bolivian livestock, and this field level training was intended to improve rapid diagnostics.   | Bolivia,<br>Plurinational State of   | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal        | 17 May 2010- 5 Jun 2010<br><br>FSIS Meat and Poultry Inspection Seminar I<br><br>\$81,600        | The USDA-APHIS provided a consultant on the techniques for a national poultry improvement plan to the El Salvadoran government and poultry industry.   | El Salvador                          | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |

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| Food Safety | 17 May 2010- 21 May 2010<br><br>Technical Assistance for the Republic of Indonesia<br><br>\$41,014  | The USDA-FAS Cochran Fellowship Program sponsored seventeen Fellows to train on US inspection procedures and regulations used to assure that meat, poultry, and egg products are safe, wholesome, and properly labeled. This training was designed in conjunction with the University of Puerto Rico at Mayaguez and the USDA Food Safety Inspection Service.   | Chile, Colombia, Dominican Republic, El Salvador, Guatemala, Honduras, Mexico, Panama, Paraguay               | Kelly Shaw<br>(202) 690-2735<br><a href="mailto:Kelly.Shaw@fas.usda.gov">Kelly.Shaw@fas.usda.gov</a>                           |
| Food Safety | 17 May 2010- 17 May 2010<br><br>Food Safety Educational Program<br><br>\$2,500  | The USDA-FAS sponsored officials from the Indonesian Government's National Agency for Drug and Food Control (BPOM) officials to travel to Washington D.C. for two days of meetings with processed products experts from the USDA, USFDA and the Office of the United States Trade Representative. They also attended presentations on the US regulatory system for processed products. The training was intended to help BPOM officials increase their knowledge of food safety of processed foods. | Indonesia   | JonAnn Flemings<br>202-720-1277<br><a href="mailto:Jonann.Flemings@fas.usda.gov">Jonann.Flemings@fas.usda.gov</a>              |
| Food Safety | 18 May 2010- 4 June 2010<br><br>Training program developed to familiarize government officials on U.S. meat and poultry inspection procedures and regulations<br><br>\$52,000 | Ten USFDA experts met with five Indonesian government officials to help them understand the US food safety program for processed foods in relation to Indonesian Decree 21 requiring registration of US products.   | Indonesia   | Debbie Subera-Wiggin<br>240-402-1726<br><a href="mailto:debbie.subera-wiggin@fda.hhs.gov">debbie.subera-wiggin@fda.hhs.gov</a> |
| Food Safety | 19 May 2010- 20 May 2010<br><br>Expert Working Group on Food Safety for Developing Training Modules and Delivery Methods for the APEC Region<br><br>\$8,000                   | The USDA-FSIS in cooperation with the University of Puerto Rico led a meat and poultry inspection seminar for government officials from Chile, Colombia, Dominican Republic, El Salvador, Guatemala, Honduras, Mexico, Panama, Paraguay, Peru, and Spain. This training program familiarized government officials on US inspection procedures and regulations and equivalence.  | Chile, Colombia, Dominican Republic, El Salvador, Guatemala, Honduras, Mexico, Panama, Paraguay, Peru, Spain. | Andreas Keller<br>202-690-5646<br><a href="mailto:andreas.keller@fsis.usda.gov">andreas.keller@fsis.usda.gov</a>               |



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| Food Safety   | 19 May 2010- 20 May 2010<br><br>Peruvian Participants to Washington DC for the APEC sponsored Best Food Practices Training<br><br>\$5,095 | The USFDA and its federal partners assembled 90 food safety and training experts at the World Bank in Washington, DC, from APEC economies to build a partnership to deliver enduring food safety training in the APEC region under the Food Safety Cooperation Forum Partnership Training Institute Network. The group met to develop a strategy for identifying/developing a generic set of training materials that could be adapted to meet the critical food safety training needs throughout the food supply chain. The workshop focused on best practices for dissemination of training materials, and mechanisms for evaluating effectiveness of the training on risk analysis, supply chain management, laboratory capacity and managing food emergencies. The workshop focused on produce and seafood that can be significant sources of food-borne disease and are commonly traded throughout the APEC Economies. | China, Australia, Thailand, Malaysia, Taipei, Korea, Hong Kong, China; Peru, Mexico, Papua New Guinea, Singapore, Indonesia, Viet Nam, Philippines | Anna Shanklin<br>240-402-1242<br><a href="mailto:anna.shanklin@fda.hhs.gov">anna.shanklin@fda.hhs.gov</a>                |
| Food Safety   | 22 May 2010- 29 May 2010<br><br>Spatial Epidemiology Workshop in Ghana under the CDC FELTP program<br><br>\$5,942                         | The USDA-FAS sponsored two Peruvian government officials to attend a Best Practices for Food Safety Training meeting held in Washington, DC.   | Peru   | Ben Rau<br>(202) 690-2344<br><a href="mailto:Ben.Rau@fas.usda.gov">Ben.Rau@fas.usda.gov</a>                              |
| Animal Health | 23 May 2010- 28 May 2010<br><br>Microbiology Laboratory Capacity Building and Assessment<br><br>\$13,200                                  | The USDA-APHIS trained spatial epidemiologists at a US Centers for Disease Control workshop in Ghana to support coordination between medical and veterinary diseases as well as enhance the capacity of Ghana's health system in reducing infectious diseases.   | Ghana  | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety   | 24 May 2010- 28 May 2010<br><br>Microbiological Laboratory Training<br><br>\$10,000   | The USFDA-CFSAN and USDA-FAS assessed the Dominican Republic's Quality Assurance System of the Institute for Innovation on Biotechnology and Industry (IIBI) using the ISO 17025 as a guideline and provided training on Salmonella analysis of fresh produce and E. coli O157:H7 in meat products (FSIS procedure) to personnel from the IIBI, the Ministry of Health National Laboratory and the Ministry of Agriculture Central Veterinary Laboratory.  | Dominican Republic   | Moisés O'Neill<br><a href="mailto:moises.oneill@fda.hhs.gov">moises.oneill@fda.hhs.gov</a>                               |



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| Food Safety     | 30 May 2010- 5 June 2010<br>Serbian Plant Health Meetings<br>\$3,716  | The USDA, in collaboration with the USFDA and Texas A&M University, provided technical training on laboratory methods for detecting E-coli and Salmonella bacteria in meats and fresh produce. The USFDA and the National Autonomus University of Hidalgo Mexico experts conducted the training.  | Dominican Republic                   | Ben Rau<br>(202) 690-2344<br><a href="mailto:Ben.Rau@fas.usda.gov">Ben.Rau@fas.usda.gov</a>                         |
| Plant Health    | 31 May 2010- 4 June 2010<br>Azerbaijan Food Safety - Round Tables<br>\$53,000                                   | A USDA-FAS expert met with counterparts who have been involved in plant health programs to gain an understanding of the status of Serbia's plant health system given new legislation, and to observe the progress made on various programs. Site visits were made to regional offices involved in the pest forecasting work.  | Serbia                               | Erica Johnston<br>202-720-1423<br><a href="mailto:erica.johnston@fas.usda.gov">erica.johnston@fas.usda.gov</a>      |
| Food Safety     | 31 May 2010- 16 June 2010<br>Bilateral Codex Training Workshops<br>\$128,000                                    | The USDA-FAS sponsored two industry round table seminars in Baku and Ganja with university and government officials to discuss food safety issues and standards in Azerbaijan. Roundtables included presentations on the new Azerbaijan Food Law and its implications for industry, international food safety requirements for industry, HACCP pre-requisites, HACCP, and presentations by industry representatives on the importance of food safety and quality. Also included were two seminars on food safety and quality for the faculty and students at Baku State University and Azerbaijan State Agricultural University.        | Azerbaijan                           | Shane Danielson<br>(202) 720-1230<br><a href="mailto:Shane.Danielson@fas.usda.gov">Shane.Danielson@fas.usda.gov</a> |
| Food Safety     | 31 May 2010- 6 June 2010<br>Plant Pest Management Follow-up II<br>\$15,000                                      | The USDA provided training to government and private sector officials from Senegal, Mozambique, and Zambia in Africa to help them to participate more effectively in Codex Alimentarius. The training focused on domestic organization of Codex-related agencies and development and advocacy of national positions in Codex.   | Senegal,<br>Mozambique,<br>Zambia    | Shane Danielson<br>(202) 720-1230<br><a href="mailto:Shane.Danielson@fas.usda.gov">Shane.Danielson@fas.usda.gov</a> |
| Pest Management | 1 June 2010- 30 June 2010<br>Veterinary Association Development Workshop and Action Plan Development<br>\$6,000 | The USDA-FAS in conjunction with Iowa State and Penn State Universities, assessed ongoing work to develop a pest forecasting database for use by Serbian farmers as a follow-up to a March 2010 meeting with Serbian counterparts in pest management at the Regional Laboratory of the Ministry of Agriculture in Nis and with private sector extension personnel in pest management and information technology services. The goal was to use the pest forecasting database to help communicate possible pest issues to Serbian farmers to reduce the negative impact of pests on farms and thereby increase Serbia's export potential. | Serbia                               | Erica Johnston<br>202-720-1423<br><a href="mailto:erica.johnston@fas.usda.gov">erica.johnston@fas.usda.gov</a>      |

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| Animal Health | 1 June 2010- 2 June 2010<br><br>Asian Gypsy Moth Ship Inspection Training<br><br>\$16,620 | The USDA-FAS, in coordination with the Georgia Institute for Public Affairs assessed the prospect for veterinary associations and created a plan for their development in Georgia. This project was in response to a Georgian Ministry of Agriculture request to USDA to strengthen the private veterinary sector. The workshop facilitated the action plan and buy-in from private veterinarians to be involved in USDA's future programming of private veterinary sector development in Georgia.  | Georgia                              | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a>          |
| Plant Health  | 3 June 2010- 3 June 2010<br><br>Animal<br><br>\$10,000                                    | The USDA-APHIS trained SAG officials to facilitate the Asian Gypsy Moth inspections of Chilean vessels by observing similar operations by APHIS-PPQ staff in the United States.   | Chile                                | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 4 June 2010- 10 June 2010<br><br>Feed Import Testing<br><br>\$8,659                       | The USDA-FAS sponsored cost/benefit analysis training in Georgia to help the government better decide on disease control policies. The USDA responded to a Ministry request to assist the government with training and certifying the private veterinary sector.  | Georgia                              | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a>          |
| Animal Health | 6 June 2010- 19 June 2010<br><br>Agricultural Marketing<br><br>\$62,500                   | The USDA-FAS sponsored the participation of senior Government of Iraq officials from the Ministries of Agriculture and Trade and the Prime Minister's office in a study tour to Amman and Aqaba Jordan to study possible ways to reform Iraqi feed import testing procedures.   | Iraq                                 | Andrew White<br><a href="mailto:andrew.white@fas.usda.gov">andrew.white@fas.usda.gov</a>                                 |
| Plant Health  | 7 June 2010- 12 June 2010<br><br>WTO Accession Assistance<br><br>\$8,759                  | Eight Cochran Fellows (private agricultural managers) from Moldova (4) and Uzbekistan (4) received training on agricultural farm-to-market systems in conjunction with the University of California, Davis. The training included visits and meetings with the Chicago Board of Trade, California farmers, cooperatives, industry groups, university specialists, and state agencies. Program included best practices, farm to market systems for fresh produce, production, harvest, postharvest, storage, and transportation. The training was requested to help enhance the agricultural sustainability and food security in Moldova and Uzbekistan. | Moldova,<br>Uzbekistan               | Lev Kuchevski<br>(202) 690-1243<br><a href="mailto:lev.kuchevski@fas.usda.gov">lev.kuchevski@fas.usda.gov</a>            |

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| Food Safety  | 7 June 2010- 12 June 2010<br><br>Food Safety Educational Program<br><br>\$5,430   | The USDA-FAS provided assistance to the Serbian government as it harmonizes their SPS laws and regulations with international standards in its WTO accession efforts. USDA staff met with Serbian government decision makers and negotiators. WTO accession requires adoption of the SPS Agreement and the Technical Barriers to Trade (TBT) Agreement.  | Serbia   | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>      |
| Food Safety  | 7 June 2010- 16 Aug 2010<br><br>Canine Training for Pest Biotech<br><br>\$63,000  | The USFDA conducted a pilot test in Guatemala for a food safety educational program designed by the WHO and USFDA for highland communities of indigenous farmers in Guatemala. This will help Guatemala's indigenous farmers grow fruits and vegetables safely.  | Guatemala  | Marjorie Davidson<br>240-402-1588<br><a href="mailto:marjorie.davidson@fda.hhs.gov">marjorie.davidson@fda.hhs.gov</a>    |
| Plant Health | 8 June 2010- 11 June 2010<br><br>Regional Good Laboratory Practices Workshop for Sub-Saharan Africa<br><br>\$45,000     | The USDA-APHIS trained SENASICA counterparts in Mexico to help strengthen their pest/disease exclusion efforts by use of detector dogs at ports of entry. Detector dogs can quickly detect biological material in luggage and containers.  | Mexico   | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety  | 8 June 2010- 11 June 2010<br><br>Participation in International Symposium on Advances in Milk Production<br><br>\$5,000 | The USDA-FAS in collaboration with the Office of Enforcement and Compliance Assurance of the USEPA, and Rutgers University's Interregional Research Project Number 4 (IR-4), trained 15 Sub-Saharan African pesticide regulatory officials in good laboratory practices (GLP) in Nairobi, Kenya. The training was conducted at the pesticide analytical laboratory of the Kenya Plant Health Inspectorate Services. Compliance with EPA's GLP standards ensures the quality and integrity of laboratory test data which is submitted in support of pesticide product registrations. FAS supported this activity to strengthen the Sub-Saharan African countries' ability to conduct pesticide field trials and operational and testing methods to meet US and international standards. | Kenya, Tanzania, Egypt, Morocco, Nigeria, Uganda | Jason Sandahl<br>(541) 359-1943<br><a href="mailto:Jason.Sandahl@fas.usda.gov">Jason.Sandahl@fas.usda.gov</a>            |
| Food Safety  | 11 June 2010- 11 June 2010<br><br>USFDA Food Labeling Training Program<br><br>\$48,500                                  | The USDA-FAS participated at the International Symposium on Advances in Milk Production and delivered a seminar on dairy livestock safety organized by La Molina as part of the celebration of the 50th anniversary of the Department of Animal Sciences.  | Peru   | Jason Sandahl<br>(541) 359-1943<br><a href="mailto:Jason.Sandahl@fas.usda.gov">Jason.Sandahl@fas.usda.gov</a>            |

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| Food Safety   | 12 June 2010-15 June 20<br><br>Pesticide Laboratory Capacity Building and Assessment<br><br>\$14,400 | The USFDA disseminated a 2-hour intensive on-line training program (also available on DVD) as a tool for USFDA, USDA and Department of Commerce foreign post officers to train the international food industry on USFDA requirements for food labeling. This program was conducted to facilitate global trade. | Global   | Robin Woo<br>240-402-2776<br><a href="mailto:robin.woo@fda.hhs.gov">robin.woo@fda.hhs.gov</a>                             |
| Food Safety   | 12 June 2010- 19 June 2010<br><br>Executive Leadership in Food Safety, Module 2<br><br>\$6,700       | USFDA experts provided training and assessments to build pesticide laboratory capacity for the analysts and management of El Salvador's Ministry of Agriculture and Livestock (MAGA/OIRSA) Laboratory.   | El Salvador  | Edmundo Garcia<br><a href="mailto:edmundo.garcia@fda.hhs.gov">edmundo.garcia@fda.hhs.gov</a>                              |
| Food Safety   | 15 June 2010- 30 June 2010<br><br>Poultry Pathology Training in Banjul, Gambia<br><br>\$37,130       | The second module in a two-year training program sponsored by IICA, the University of Minnesota, and the USFDA to develop leadership skills, provided state-of-the-art food safety information and risk management tools for 35 leaders in food safety from 20 countries in the Americas.                      | Argentina, Barbados, Belize, Brazil, Bolivia, Plurinational State of; Chile, Costa Rica, Colombia, Ecuador, Honduras, Jamaica, Paraguay, Peru, Mexico, Santa Lucia, Trinidad and Tobago, Uruguay, Bolivarian Rep. of Venezuela | Robin Woo<br>240-402-2776<br><a href="mailto:robin.woo@fda.hhs.gov">robin.woo@fda.hhs.gov</a>                             |
| Animal Health | 17 June 2010- 18 June 2010<br><br>Aflatoxin Coordination and outreach<br><br>\$493,000               | USDA-APHIS sponsored a workshop focused on avian influenza and other poultry diseases, biosecurity, surveillance, and poultry production targeted to aid West Africa.  | West Africa  | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>  |
| Food Safety   | 21 June 2010- 25 June 2010<br><br>Armenia Food Safety<br><br>\$300,000                               | The USDA hosted a coordination meeting convened by the Bill and Melinda Gates Foundation with partners from around the world to discuss available resources and efforts to combat aflatoxin fungi in food. USDA, coordinated with IITA, Gates Foundation and USAID, for programming to occur in FY11.          | Kenya  | Margaret McDaniel<br>(202) 720-0855<br><a href="mailto:Margaret.McDaniel@fas.usda.gov">Margaret.McDaniel@fas.usda.gov</a> |

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| Food Safety   | 21 June 2010- 24 June 2010<br><br>Pesticide Residues Laboratory assessment in Honduras.<br><br>\$5,000                             | The USDA-FAS sponsored a Better Process Control Schools (BCPS) Workshop in Yerevan, Armenia for Food Safety. The BPCS certify supervisors of thermal processing systems, acidification, and container closure evaluation programs for low-acid and acidified canned foods. USDA-FAS certified government people and industry supervisors.   | Armenia                              | Cynthia Evans<br>(202) 690-3985<br><a href="mailto:Cynthia.Evans@fas.usda.gov">Cynthia.Evans@fas.usda.gov</a>            |
| Food Safety   | 21 June 2010- 25 June 2010<br><br>Pesticide Laboratory Capacity Building and Assessment<br><br>\$18,000                            | The USDA-FAS sponsored pesticide residue laboratory training for Honduran Ministry of Agriculture technicians in Tegucigalpa. Residue experts from the US Food and Drug Administration and the Environmental Protection Agency conducted the training on residue analysis and laboratory accreditation. This activity is part of a long-term capacity building program aimed to strengthen the Central American national laboratories in operational and testing methods to meet US and international standards. Proficiency in these laboratories is vital to maintaining a functional food safety system, and ensures the application of internationally-recognized analytical methods and tests. | Honduras                             | Jason Sandahl<br>(541) 359-1943<br><a href="mailto:Jason.Sandahl@fas.usda.gov">Jason.Sandahl@fas.usda.gov</a>            |
| Food Safety   | 21 June 2010- 25 June 2010<br><br>Poultry Pathology Training - El Salvador<br><br>\$8,000  | The USFDA provided training and assessments to build pesticide laboratory capacity in Honduras in order to assure the safety of agricultural commodities.   | Honduras                             | Edmundo Garcia<br><a href="mailto:edmundo.garcia@fda.hhs.gov">edmundo.garcia@fda.hhs.gov</a>                             |
| Animal Health | 22 June 2010- 24 June 2010<br><br>CaribVET Classical Swine Fever Working Group Meeting and Senior Review<br><br>\$27,600           | The USDA-APHIS trained Salvadoran Ministry of Agriculture officials to help improve the overall performance of necropsy for diagnosis and sample collection from a suspected case of a trans-boundary animal disease. The focus was on avian influenza and Newcastle disease in El Salvador.  | El Salvador                          | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 25 June 2010- 30 July 2010<br><br>Training to Veterinarians in Armenia as part of a Community Animal Health Network<br><br>\$8,000 | The USDA-APHIS experts worked with officials from the Dominican Republic to review general strategy for Classical Swine Fever, CSF reports for 2009/2010, work plans and budget for CSF. The Dominican Republic will be better prepared to respond to occurrences of CSF.   | Dominican Republic                   | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |

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| Animal Health | 30 June 2010- 30 Sept 2010<br><br>Central American Microbiological Standards Program<br><br>\$142,356  | The USDA-FAS sponsored training in Syunik region for private veterinarians that were designed to prevent and control animal diseases at their source, enabling farmers to raise healthier and more productive animals. The training launched USDA's Community Animal Health Network, which is being piloted in the southern region of Armenia. Training focused on animal disease prevention, detection, and treatment   | Armenia   | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a>          |
| Food Safety   | 1 July 2010- 1 Sept 2010<br><br>Regional Provision of training and Certification of Private Veterinarians for the Fall 2010 Vaccination Campaign<br><br>\$70,000 | The USDA-FAS sponsored ten Scientific Fellows to a four-week training at Texas A&M on the appropriate design and implementation of prevalence studies for microbial pathogens at the production and retail levels, including statistical sampling design methodology for data collection and use of data in risk assessments and for setting food safety standards.  | Nicaragua, Honduras, El Salvador, Guatemala, Costa Rica | Cynthia Evans<br>(202) 690-3985<br><a href="mailto:Cynthia.Evans@fas.usda.gov">Cynthia.Evans@fas.usda.gov</a>            |
| Animal Health | 1 July 2010- 30 July 2010<br><br>3rd Annual symposium of emerging Infectious Diseases<br><br>\$3,883   | The USDA-FAS responded to a request from the Georgian Ministry of Agriculture (MOA) for technical assistance in the training and certification of its veterinarians to administer vaccines. FAS partnered with the National Service for Food Safety Veterinary and Plant Protection, the Georgian State Agrarian University, and regional agricultural colleges to offer certification courses in three regions of Georgia for rural veterinarians. Certification will enable these veterinarians to work for the MOA and legally practice veterinary medicine in their communities. | Georgia   | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a>          |
| Animal Health | 4 July 2010- 20 July 2010<br><br>Veterinarian Topics – Croatia<br><br>\$31,294   | The USDA-APHIS participated in the National Center for Communicable Diseases Symposium hosted by Mongolia to bring together Mongolian and US researchers to increase scientific exchange between the two countries.  | Mongolia  | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |

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| Animal Health | 5 July 2010- 9 July 2010<br>Codex Workshop, Serbia<br>\$45,000   | The USDA-FAS sponsored four Cochran Fellows from Croatia on Veterinary Topics training to provide the Fellows with in-depth knowledge on various veterinary topics such as swine nutrition, cattle and sheep training, animal health and cattle and nutrition management. Training included visits to dairy, sheep, beef, and swine farms and meetings with the US Grains Council, USDA Agricultural Research Service and the National Institute of Food and Agriculture. The program is designed to help the Croatians understand the US Livestock System and to help improve the efficiency of nutrition utilization.   | Croatia                              | Thomas, Desiree<br>202-690-0947<br><a href="mailto:desiree.thomas@fas.usda.gov">desiree.thomas@fas.usda.gov</a>          |
| Food Safety   | 7 July 2010- 27 Aug 2010<br>Biotech Policy and Risk Communication<br>\$43,749  | The US Codex office provided training to Serbian officials and of various ministries employees on Codex standards to assist Serbia's forward momentum to comply with food safety standards.   | Serbia                               | Shane Danielson<br>(202) 720-1230<br><a href="mailto:Shane.Danielson@fas.usda.gov">Shane.Danielson@fas.usda.gov</a>      |
| Biotech       | 10 July 2010- 17 July 2010<br>National Poultry Pathology refresher Training in Sihanouk Province, Cambodia<br>\$27,600 | Two Chinese Ministry of Agriculture officials received training on biotechnology policy and risk communication as scientific exchange scholars. These exchanges occurred with Iowa State University and regulatory experts in Washington, DC over a 7-week period. The scholars met with biotechnology regulators, industry stakeholders and visited USDA ARS field trials in West Virginia to better understand the US biotech regulatory system, processing, and risk communication. This training was part of an ongoing initiative in partnership with the US Trade and Development Agency to facilitate trade capacity building activities in China in support of the "US-Sino Agricultural Biotechnology Safety Administration Co-operation" program for Chinese officials. | China                                | Debbie Nip<br>(202) 690-1913<br><a href="mailto:debbie.nip@fas.usda.gov">debbie.nip@fas.usda.gov</a>                     |
| Animal Health | 12 July 2010- 15 July 2010<br>Pesticide Residues Laboratory assessment in El Salvador.<br>\$5,000                      | The APHIS sponsored a one-week refresher on veterinary pathology to prepare Cambodian veterinarians to be fully capable to perform necropsy and differentiate between poultry diseases which in turn will assist Cambodians in differentiating poultry diseases.  | Cambodia                             | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |



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| Food Safety                         | 12 July 2010- 16 July 2010<br><br>West Africa Regional HACCP Workshop<br><br>\$55,246           | The USDA-FAS sponsored a pesticide residue laboratory training for Salvadoran Ministry of Agriculture technicians in San Salvador. Residue experts from the USFDA and the USEPA trained the Salvadorian technicians on residue analysis and laboratory accreditation as part of a long-term capacity building program aimed to strengthen the Central American national laboratories in operational and testing methods to meet US and international standards. Proficiency in these laboratories is vital to maintaining a functional food safety system, and ensures the application of internationally-recognized analytical methods and tests. | El Salvador   | Jason Sandahl<br>(541) 359-1943<br><a href="mailto:Jason.Sandahl@fas.usda.gov">Jason.Sandahl@fas.usda.gov</a>                         |
| Food Safety                         | 12 July 2010- 24 July 2010<br><br>Food Safety for Meat Processing<br><br>\$30,000               | The USDA-FAS sponsored a regional HACCP workshop in Dakar, Senegal to train West African agricultural processing companies to design, implement, maintain, and document quality assurance measures, including HACCP, sanitation standard operating procedures, good management practices, traceability and staff training.   | Ghana, Senegal, Burkina Faso, Mali, Nigeria, The Gambia | McCormick, Kelly<br>(202) 720-1347<br><a href="mailto:Kelly.McCormick@fas.usda.gov">Kelly.McCormick@fas.usda.gov</a>                  |
| Food Safety                         | 14 July 2010- 16 July 2010<br><br>Sanitary and Phytosanitary Management Training<br><br>\$8,850 | The USDA-FAS sponsored a 12-day course including workshops on food safety regulations, meat processing, food defense (intentional food contamination), HACCP, USDA regulations, and State responsibility in the food industry. The Fellows attended the American Meat Processors Association Convention and visited numerous businesses and local grocery stores that make their own sausage and other value-added meat products.  | Kenya, South Africa                                     | Lindsey Itle<br>(202) 690-0777<br><a href="mailto:lindsey.itle@fas.usda.gov">lindsey.itle@fas.usda.gov</a>                            |
| Sanitary and Phytosanitary Measures | 15 July 2010- 31 July 2010<br><br>Animal/Plant Quarantine and Inspection<br><br>\$28,600        | The USDA-FAS Embassy Science Fellows Program sponsored a Notification and Enquiry Point USDA expert to train Kenyan officials from the Ministries of Agriculture and Trade on the WTO's SPS Agreement obligations, National Notification Authority interagency coordination and integration, and SPS enquiry point management. Kenya requested the training to help Kenyan officials better implement transparent, science-based SPS import and export requirements.   | Kenya   | Khaliaka Meardry<br>(202) 690-1866<br><a href="mailto:khaliaka.meardry@fas.usda.gov">khaliaka.meardry@fas.usda.gov</a>                |
| Animal Health, Plant Health         | 15 July 2010- 10 Aug 2010<br><br>FAO-ECTAD Bamako Web Site Translation<br><br>\$5,000           | The USDA-FAS sponsored three Cochran Fellows from Indonesia and Malaysia to train on animal and plant quarantine and inspection. Training included inspection processes for meat and plant imports and exports and methods for pest analysis and risk management.  | Indonesia, Malaysia                                     | Avis Watts-Massenburg<br>(202) 690-0032<br><a href="mailto:avis.watts-massenburg@fas.usda.gov">avis.watts-massenburg@fas.usda.gov</a> |



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| Animal Health | 16 July 2010- 24 July 2010<br><br>Food Ingredients<br><br>\$47,700  | The USDA-APHIS and FAO's Emergency Centre for Trans-boundary Animal Disease collaborated to translate technical documents and FAO-ECTAD website articles from French to English to benefit African Countries.   | Africa                               | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety   | 19 July 2010- 22 July 2010<br><br>West Africa Regional Labeling Requirements Workshop<br><br>\$41,357   | The Cochran Fellowship Program provided training on food ingredients within the context of new product development and its impact on business strategy. Training included an understanding of the legal requirements that the industry must follow in food production as well as enforcement techniques used by regulatory agencies such as USFDA and USDA. The program included visits to selected companies that are involved in the use of raw materials and laboratories involved in product development and testing as well as a visit to the Institute of Food Technologists Show in Chicago, Illinois. | Chile, Bolivarian Rep. of Venezuela  | Tanya Hinnant<br>(202) 720-3382<br><a href="mailto:Tanya.Hinnant@fas.usda.gov">Tanya.Hinnant@fas.usda.gov</a>            |
| Food Safety   | 19 July 2010- 31 Dec 2010<br><br>Visiting Scientists Program: Training of international scientists on the science and technology of pesticide analyses<br><br>Staff Hours | The USDA-FAS sponsored a regional labeling activity to train West African food safety stakeholders on US regulatory requirements, including food safety requirements and labeling/classification requirements in accordance with the US Federal Food, Drug and Cosmetic Act and the Fair Packaging and Labeling Act. This workshop facilitates a better understanding of USFDA labeling requirements, thereby, facilitating exports from West African countries.  | Ghana, Senegal                       | McCormick, Kelly<br>(202) 720-1347<br><a href="mailto:Kelly.McCormick@fas.usda.gov">Kelly.McCormick@fas.usda.gov</a>     |
| Food Safety   | 19 July 2010- 22 July 2010<br><br>Highly Pathogenic Avian Influenza Seminars<br><br>\$45,000  | The USEPA provided on-the-job training program over a period of six months to four chemists from Egypt on current techniques and methodologies used at USEPA for formulation analysis. Experience gained from this training will help visiting scientists establish additional central pesticide laboratories relative to food safety evaluation.   | Egypt                                | Thuy Nguyen<br>(410-305-2905)<br><a href="mailto:nguyen.thuy@epa.gov">nguyen.thuy@epa.gov</a>                            |
| Animal Health | 29 July 2010- 22 July 2010<br><br>Food Labeling Course<br><br>\$5,000   | The USDA-FAS sponsored a series of seminars on highly pathogenic avian influenza (HPAI) at prominent colleges of veterinary medicine in the Philippines. Following the seminars there was a field trip for select participants to the Candaba Swamp, which has been declared a high risk area for HPAI by Philippine authorities.   | Philippines                          | Andrew White<br>(202) 690-2744<br><a href="mailto:Andrew.White@fas.usda.gov">Andrew.White@fas.usda.gov</a>               |

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| Food Safety             | 20 July 2010- 22 July 2010<br><br>Western Hemisphere Codex Delegates Colloquium, Panama<br><br>\$103,310                               | A USFDA expert and an academic professor trained 24 participants (industry, trade development and regulatory agencies) from West Africa during a 4-day course on USFDA food and dietary supplement labeling regulations, open dating requirements and UPC product codes. The course was held in Accra, Ghana and was intended to facilitate increased trade.  | Ghana and three other countries in West Africa  | Lynn Szybist<br>240-402-1690<br><a href="mailto:lynn.szybist@fda.hhs.gov">lynn.szybist@fda.hhs.gov</a>  |
| Food Safety             | 21 July 2010- 26 July 2010<br><br>Commercial Las Development Program - US Import Requirements & GSP Program for Georgia<br><br>\$2,971 | The USDA-FAS sponsored participants from Latin America and the Caribbean to attend five different Codex committees at the Western Hemisphere Colloquium in Panama City, Panama to create regional policy consensus and cultivate relationships in advance of global Codex committee meetings.   | Argentina, Bolivia, Plurinational State of; Chile, Costa Rica, Dominican Republic, El Salvador, Haiti, Honduras, Mexico, Panama, Peru | Shane Danielson<br>(202) 720-1230<br><a href="mailto:Shane.Danielson@fas.usda.gov">Shane.Danielson@fas.usda.gov</a><br><br>Ken Lowery<br>(202) 690-4042<br><a href="mailto:Kenneth.Lowery@fsis.usda.gov">Kenneth.Lowery@fsis.usda.gov</a> |
| Plant and Animal Health | 22 July 2010- 10 Aug 2010<br><br>Food Safety Practices and Policies<br><br>\$26,200  | The USDA-APHIS provided workshops on market access to assist Georgian exports. The focus was on how to satisfy US SPS import standards and regulations.   | Georgia   | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>  |
| Food Safety             | 24 July 2010- 31 July 2010<br><br>MSU Biosafety<br><br>\$30,000  | The Cochran Fellowship Program sponsored three Philippine Food and Drug officials to study food quality control and standards, food labeling, and import and export regulation guidelines governing processed foods. The Fellows interacted with US regulatory agencies in Washington, D.C. and processing and distribution centers in Minnesota and North Dakota. The training aimed to enhance the Philippines' capability to develop and implement science-based and World Trade Organization-consistent regulations for imported processed food products. | Philippines   | Avis Watts-Massenburg<br>(202) 690-0032<br><a href="mailto:avis.watts-massenburg@fas.usda.gov">avis.watts-massenburg@fas.usda.gov</a>   |
| Biotech, Food Safety    | 24 July 2010- 7 Aug 2010<br><br>Bio-Safety Training<br><br>\$34,000  | The USDA -FAS sponsored six Cochran Fellows from Latin America to train at Michigan State University on biosafety, including environmental release and commercialization of genetically engineered organisms, to create greater understanding of science-based info on bio-engineered foods throughout Latin America.   | Belize, Colombia, Ecuador, Guatemala  | Tanya Hinnant<br>(202) 720-3382<br><a href="mailto:Tanya.Hinnant@fas.usda.gov">Tanya.Hinnant@fas.usda.gov</a>   |

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| Biotech/Biosafety Training | 25 July 2010- 31 July 2010<br>National Poultry Improvement Plan Training in Belize<br>\$3,000 | The USDA-FAS sponsored five Cochran Fellows from South Africa (1), Tanzania (1), Kenya (1), and Ghana (2) to a two-week program organized by Michigan State University. Training focused on biosafety guidelines/laws that fit with international biosafety treaties. This training promoted the development of environmentally sound and safe use of agricultural biotechnology which could lead to trade business between South Africa, Tanzania, Kenya, Ghana, and the United States. | Ghana, Kenya, South Africa, Tanzania | Lindsey Itle<br>(202) 690-0777<br><a href="mailto:lindsey.itle@fas.usda.gov">lindsey.itle@fas.usda.gov</a>     |
| Animal Health              | 26 July 2010- 30 July 2010<br>Nicaragua Poultry Health Surveillance System Review<br>\$9,000  | The USDA-FAS hosted National Poultry Improvement Plan training in Belize. The 18-20 participants from the public and private sector participated in this event and a technical poultry and veterinary expert from USDA APHIS provided the training. The training assisted Belize with the development of a National Poultry Improvement Plan is an important step to meeting international SPS regulations.  | Belize                               | Andrew White<br>(202) 690-2744<br><a href="mailto:Andrew.White@fas.usda.gov">Andrew.White@fas.usda.gov</a>     |
| Animal Health              | 31 July 2010- 7 Aug 2010<br>MSU FOOD SAFETY<br>\$22,300                                       | The USDA-FAS reviewed Nicaragua's poultry surveillance system and provided assistance to the Nicaraguan Ministry of Agriculture and Forestry, poultry industry leaders, and top producers. The USDA-FAS evaluated the current status, identified needs, gave targeted training, and recommended improvements for future equivalence and certification conducted by international entities.   | Nicaragua                            | Gabbriel Frigm<br>202-720-5495<br><a href="mailto:gabbriel.frigm@fas.usda.gov">gabbriel.frigm@fas.usda.gov</a> |
| Food Safety                | 31 July 2010- 13 Aug 2010<br>Food Safety Regulations<br>\$33,500                              | The USDA-FAS sponsored twenty Cochran Fellows to attend a two-week program organized by Michigan State University on food safety policy development, risk analysis and program implementation. Fellows also met with key US government officials in Washington, D.C. and the International Food Policy Research Institute.   | Costa Rica, Jamaica, Panama          | Tanya Hinnant<br>(202) 720-3382<br><a href="mailto:Tanya.Hinnant@fas.usda.gov">Tanya.Hinnant@fas.usda.gov</a>  |

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| Food Safety  | 31 July 2010- 13 Aug 2010<br><br>Food Safety<br><br>\$88,600                                  | The Cochran Fellowship Program hosted one Fellow from Kenya and three Fellows from Ghana for training in Food Safety Regulations. The Fellows attended a two-week program organized by Michigan State University. The training focused on practical experience in food safety regulations and science based decision making in food safety, risk assessment, risk management, and risk communication. The course covered international treaties and regulations such as CODEX, IPPC, and SPS/TBT/WTO. The training will help enhance Ghana and Kenya's food safety program implementation while ensuring transparency and consistency with international norms. The training will also help increase trade between Ghana, Kenya and the United States by addressing one of the main trade barriers - meeting international standards for food safety. | Ghana, Kenya   | Lindsey Itle<br>(202) 690-0777<br><a href="mailto:lindsey.itle@fas.usda.gov">lindsey.itle@fas.usda.gov</a> |
| Food Safety  | 1 Aug 2010- 31 Dec 2013<br><br>Train-the-Trainer Programs<br><br>\$7,000                      | The USDA sponsored 19 Cochran Fellows from Mauritius (1), Morocco (2), Namibia (1), Oman (2), South Africa (1), Swaziland (1), Tanzania (1), Tunisia (2), Indonesia (2), Costa Rica (3), Jamaica (2) and Panama (1) to train on food safety for two weeks at Michigan University. The training focused on food safety policy development, risk analysis, and program implementation.  | Mauritius, Morocco, Namibia, Oman, Rwanda, South Africa, Swaziland, Tanzania, Tunisia, Indonesia, Costa Rica, Jamaica, Panama, | Lindsey Itle<br>(202) 690-0777<br><a href="mailto:lindsey.itle@fas.usda.gov">lindsey.itle@fas.usda.gov</a> |
| Food Safety  | 1 Aug 2010- 14 Aug 2010<br><br>Biological Control<br><br>\$30,000                             | The US EPA conducted training programs to promote safer use of pesticides, to help protect workers and decrease the likelihood of residue violations into foods. The training was intended to help participants better read, understand, and follow pesticide labels, and therefore less likely to over-apply pesticides to crops.  | Costa Rica, El Salvador, Honduras, Dominican Republic, Nicaragua   | Michelle DeVaux<br>(703) 308-5891<br><a href="mailto:devaux.michelle@epa.gov">devaux.michelle@epa.gov</a>  |
| Plant Health | 2 Aug 2010- 6 Aug 2010<br><br>Agricultural Biotechnology Regulatory Framework<br><br>\$44,693 | Through the USDA-FAS Cochran Fellowship Program, four Fellows from Argentina attended a biological control training program at the USDA ARS, Invasive Plant Research Laboratory in Fort Lauderdale, Florida. The training focused on evaluating biological regulatory control, host spectrum, post release, and adaptation and competitiveness of biological agents.  | Argentina  | Kelly Shaw<br>(202) 690-2735<br><a href="mailto:Kelly.Shaw@fas.usda.gov">Kelly.Shaw@fas.usda.gov</a>       |

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| Biotech       | 6 Aug 2010- 30 Sept 2011<br><br>University of Maryland Animal Health Technical Assistance for Armenia<br><br>\$28,622 | The USDA-FAS sponsored the travel of Malaysian Delegation to the United States to gain a better understanding of the US biotech regulatory framework and safety protocols for the proper management of animal, plant, and human issues as well as environment protection. Members met with USDA regulators, food policy experts, agricultural biotechnologists, and other experts. The visit facilitated a science-based biotechnology regulatory environment in Malaysia.  | Malaysia                             | David Cottrell, FAS Kuala Lumpur<br>60-3-2168-5194<br><a href="mailto:david.cottrell@fas.usda.gov">david.cottrell@fas.usda.gov</a> |
| Animal Health | 7 Aug 2010- 19 Aug 2010<br><br>Training for Georgian Ministry of Agriculture on Brucellosis<br><br>\$30,000           | The USDA-FAS provided technical assistance and advice on Armenia's National Animal Health Program. A comprehensive animal health program will build capacity within the MOA to develop an effective framework for managing any livestock disease of concern while increasing the health and productivity of the country's livestock.  | Armenia                              | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a>                    |
| Animal Health | 8 Aug 2010- 21 Aug 2010<br><br>FSIS Advanced Course on Meat and Poultry Inspection<br><br>\$18,800                    | The USDA-FAS, in cooperation with Colorado State University (CSU) and USDA- APHIS, provided intensive training for two MOA brucellosis coordinators in Fort Collins, Colorado that addressed brucellosis surveillance, diagnostics, and other key concerns to strengthen Georgia's National Service for Food Safety, Veterinary Service, and Plant Protection with the goal to reduce instances of priority animal diseases in targeted regions.  | Georgia                              | Kelley Cormier<br>(202)720-0858<br><a href="mailto:Kelley.Cormier@fas.usda.gov">Kelley.Cormier@fas.usda.gov</a>                    |
| Food Safety   | 8 Aug 2010- 21 Aug 2010<br><br>FSIS Advanced Course on Meat and Poultry Inspection<br><br>39, 400                     | Two Cochran Fellows participated in a USDA Food Safety and Inspection Service seminar on Meat and Poultry Inspection for International Government Officials. The purpose of these seminars is to familiarize international government officials with US inspection regulation and procedures used by USDA to assure that the nation's meat, poultry and egg products are safe, wholesome and properly labeled. The seminar covered issues from farm to table, including Hazard Analysis and Critical Control Point (HACCP) and pathogen reduction; animal production, import and export procedures; and the roles of The USFDA, state, and local inspection agencies. | Egypt, Malaysia                      | Lindsey Itle<br>(202) 690-0777<br><a href="mailto:lindsey.itle@fas.usda.gov">lindsey.itle@fas.usda.gov</a>                         |

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|---------------|--|--|--|--|
| Food Safety   | 8 Aug 2010- 21 Aug 2010<br><br>FSIS Meat and Poultry Inspection – Advanced<br><br>\$20,800 | The USDA-FAS sponsored nine Cochran Fellows to attend a USDA-FSIS two-week in-depth seminar on meat and poultry inspection for international government officials. The aim was to familiarize senior international government officials with US inspection regulation and procedures used by USDA to assure that the nation's meat, poultry and egg products are safe, wholesome and properly labeled. Issues covered: Hazard Analysis and Critical Control Point and pathogen reduction; animal production among others. This was intended for officials who have a working knowledge of HACCP principles and their application in a meat or poultry plant. | Egypt, Namibia, South Africa, Barbados, Chile, Costa Rica, Grenada, Malaysia | Lindsey Itle<br>(202) 690-0777<br><a href="mailto:lindsey.itle@fas.usda.gov">lindsey.itle@fas.usda.gov</a>               |
| Food Safety   | 9 Aug 2010- 20 Aug 2010<br><br>Risk Analysis Workshop for West Africa<br><br>\$74,561      | The Cochran Fellowship Program sponsored five fellows for a two-week training conducted by USDA-FSIS. The program was designed for senior international government officials and focused on the verification and enforcement of Hazard Analysis and Critical Control Point (HACCP) and pathogen reduction regulations. In addition to seminars on HACCP, the Fellows visited slaughter houses for hands-on training with inspection procedures. The goal of this program was to improve the respective countries' technical knowledge about meat and poultry inspection in order to secure the international food safety net.                                | Barbados, Chile, Costa Rica, Grenada, Malaysia                               | Tanya Hinnant<br>(202) 720-3382<br><a href="mailto:Tanya.Hinnant@fas.usda.gov">Tanya.Hinnant@fas.usda.gov</a>            |
| Animal Health | 9 Aug 2010- 20 Sept 2010<br><br>GPS/GIS TAD Info. Training Workshop<br><br>\$101,100       | The USDA-APHIS sponsored a workshop on qualitative/quantitative applications for risk analysis for thirty West African participants and university faculty to strengthen SPS capacity in West Africa.  | West Africa  | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 9 Aug 2010- 13 Aug 2010<br><br>International Epidemiology Training<br><br>\$15,000         | The USDA APHIS provided GPS/GIS Transboundary Animal Disease (TAD) training to West and Central African countries on surveillance of transboundary diseases in West and Central African Countries.   | Africa   | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |

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|---------------|--|--|--|--|
| Animal Health | 9 Aug 2010- 11 Aug 2010<br><br>African Codex Delegates Colloquium<br><br>\$165,000           | The USDA-APHIS provided training to Taiwan on the design and implementation systems for monitoring, surveillance, and survey of infectious diseases; zoning vs. compartmentalization, and information on decision-making processes for disease control.  | Taiwan   | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety   | 9 Aug 2010- 13 Aug 2010<br><br>Latin America GLP/MRL Food Safety<br><br>\$196,770            | Sponsored by USDA, participants from three Codex committees participated in the African Codex Delegates Colloquium in Pretoria, South Africa. They held discussions with the goal of creating regional consensus and cultivating relationships in advance of global Codex committee meetings.  | Angola, Cameroon, Congo, Ethiopia, Ghana, Guinea-Bissau, Ivory Coast, Madagascar, Malawi, Mali, Namibia, Swaziland, Uganda, South Africa, Senegal, Kenya, Morocco, Rwanda, Mozambique, Zambia, | Shane Danielson<br>(202) 720-1230<br><a href="mailto:Shane.Danielson@fas.usda.gov">Shane.Danielson@fas.usda.gov</a>      |
| Food Safety   | 9 Aug 2010- 20 Aug 2010<br><br>Hazard Analysis Critical Control Point (HACCP)<br><br>\$3,879 | The USDA-FAS, in cooperation with the USEPA, the US based IR-4 Project (Rutgers University) and the U.N. Food and Agriculture Organization (FAO) initiated an effort in Latin America to increase the number of pesticide products that are available to specialty crop growers worldwide, and facilitate the global harmonization of pesticide maximum residue levels, supporting Codex as the common standard. | Brazil, Chile, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Peru  | Jason Sandahl<br>(541) 359-1943<br><a href="mailto:Jason.Sandahl@fas.usda.gov">Jason.Sandahl@fas.usda.gov</a>            |
| Food Safety   | 9 Aug 2010- 20 Aug 2010<br><br>Meat and Poultry Inspection – Advance<br><br>\$3,600          | The USDA-FAS sponsored a Cochran Fellow from the Croatian government to an in-depth seminar on verification and enforcement of HACCP and pathogen reduction regulations to help the official learn and improve their knowledge of US science-based meat and poultry regulations, and the procedures utilized by USDA-FSIS to ensure a safe meat supply.  | Croatia  | Thomas, Desiree<br>202-690-0947<br><a href="mailto:desiree.thomas@fas.usda.gov">desiree.thomas@fas.usda.gov</a>          |



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| Food Safety  | 13 Sept 2010- 24 Sept 2010<br><br>Biotech Training<br><br>\$5,000                                       | A Cochran Fellow from Malaysia participated in meat and poultry inspection treatment training seminar provided by USDA-FSIS. Among others, the training included an overview of FSIS, including introduction to HACCP, pathogen reduction, import and export policies and procedures, equivalence and field visits to import and export locations and processing and slaughter plants.  | Malaysia                             | Austin Graydus<br>(202) 720-9959<br><a href="mailto:austin.graydus@fas.usda.gov">austin.graydus@fas.usda.gov</a>            |
| Biotech  | 15 Aug 2010- 31 July 2011<br><br>LSU CR Agreement for Food Safety Evaluation in Armenia<br><br>\$97,332 | The USDA-FAS sponsored two Cochran fellows from Sri Lanka to participate in a biotechnology regulatory training/workshop provided by Michigan State University (MSU) and to meet with private sector groups and US regulatory officials. The training helped Sri Lankan regulators enhance their knowledge of biotech regulatory approval systems helping Sri Lanka refine its biotechnology policies relative to their agricultural sector.                                      | Sri Lanka                            | Thom Wright, OAA New Delhi<br>001 91 11 2419 8260<br><a href="mailto:Thom.wright@fas.usda.gov">Thom.wright@fas.usda.gov</a> |
| Food Safety Evaluation   | 15 Aug 2010- 29 Aug 2010<br><br>Hazard Analysis Critical Control Point (HACCP)<br><br>\$23,800          | At the initiation of Armenia, the US State Department funded an evaluation of Armenia's Food Safety Program's performance as implemented between 2006 and 2010, helping Armenia to identify needed reform and improvements.   | Armenia                              | Paul Strasberg, Program Manager<br>202.690.2915   |
| Food Safety  | 15 Aug 2010- 31 Oct 2011<br><br>Regional Veterinary Training in Georgia<br><br>\$134,187                | The Cochran Fellowship Program sponsored three Croatians for food safety training on US agencies, practices, and methods involved in US food safety procedures and regulations, including HACCP implementation, risk assessment, distributing and handling of meat, and regulations for processing and labeling food. The training was designed in conjunction with the University of Missouri to help the Croatians better understand the US food safety system.                 | Croatia                              | Thomas, Desiree<br>202-690-0947<br><a href="mailto:desiree.thomas@fas.usda.gov">desiree.thomas@fas.usda.gov</a>             |
| Regional Veterinary Service Unit Component of Georgia Animal Health Program Evaluation | 15 Aug 2010- 31 Mar 2012<br><br>Veterinary Training in Georgia<br><br>\$125,060                         | Veterinary experts from the Colorado State University, Animal Population Health Institute, College of Veterinary Medicine and Biomedical Sciences and from the Georgia Institute of Public Affairs / Georgia Rural Development Program provided technical assistance to support the implementation of three regional veterinary service units (RVSUs) in support of the evaluation of the Caucasus Agricultural Development Initiative's (CADI) Animal Health Project in Georgia. | Georgia                              | Paul Strasberg, Program Manager<br>202.690.2915   |



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| Regional Veterinary Service Unit Component of Georgia Animal Health Program Evaluation | 16 Aug 2010- 27 Aug 2010<br>Plant Health System Analysis Course (APHIS)<br>\$327,778             | This agreement will provide support to the University of Maryland to evaluate the USDA-FAS Caucasus Agricultural Development Initiative's (CADI) Georgia Regional Veterinary Service Unit pilot project. This project was established in early Fiscal Year 2009 and, CADI, now seeks to evaluate the pilot project through a mid-term formative evaluation and a quasi-experimental farm survey based impact assessment.   | Georgia  | Paul Strasberg, Program Manager<br>202.690.2915  |
| Plant Health   | 16 Aug 2010- 20 Aug 2010<br>National Avian Influenza Diagnostics Laboratory Workshop<br>\$45,000 | The USDA-FAS sponsored a two-week Plant Health Systems Analysis Course for the international plant health community by illustrating how USDA APHIS confronts complex challenges posed by a gamut of global and domestic plant health issues. Training included an overview of APHIS, interaction with other Federal and State agencies, international organizations, foreign governments, industry, and the general public to address plant health issues, fundamental concepts of plant health, international standards and agreements, legislative authorities. The participants learned to assess how their organizations responded to plant health issues and identify potential areas where change may enhance their ability to address these issues. | Burundi, The Gambia, Ghana, Malawi, Mozambique, Nigeria, South Africa, Swaziland, Peru | Erica Johnston<br>202-720-1423<br><a href="mailto:erica.johnston@fas.usda.gov">erica.johnston@fas.usda.gov</a><br><br>Marsha Sheehan<br>202-690-0755<br><a href="mailto:Marsha.Sheehan@fas.usda.gov">Marsha.Sheehan@fas.usda.gov</a> |
| Animal Health  | 18 Aug 2010- 8 Sept 2010<br>Animal Health Training<br>\$53,400                                   | The USDA-FAS sponsored a national workshop on testing and diagnostic protocols for highly pathogenic avian influenza in Vientiane, Lao, People's Dem. Rep. of. The workshop had approximately 10 participants from the Lao National Animal Health Center.  | Lao, People's Dem. Rep. of   | Andrew White<br>(202) 690-2744<br><a href="mailto:Andrew.White@fas.usda.gov">Andrew.White@fas.usda.gov</a>   |
| Animal Health  | 16 Aug 2010- 19 Aug 2010<br>APEC Food Defense Workshop – Peru<br>\$34,233                        | The Cochran Fellowship Program sponsored Five Macedonian Fellows from the Ministry of Agriculture in Skopje and one Malaysian Fellow from the Department of Veterinary Services in conjunction with Tuskegee University. Training covered various animal diseases and implementation of disease control measures. The fellows visited USDA-APHIS where they received an overview of its functions and capabilities and witnessed the APHIS incident command center to gain firsthand knowledge on how the agency responds to disease outbreaks. This training was designed to expose the Fellows to new technologies, techniques, and procedures in combating and eradicating animal disease.  | Macedonia, Malaysia  | Thomas, Desiree<br>202-690-0947<br><a href="mailto:desiree.thomas@fas.usda.gov">desiree.thomas@fas.usda.gov</a>  |

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| Food Defense  | 18 Aug 2010- 21 Aug 2010<br><br>CAPS Workshop<br><br>\$0                                    | The USDA the USFDA and US industry conducted a three-day food defense workshop, in Lima, Peru. The event was a continuation of the APEC Food Defense Pilot Project held in Lima, Ica, and Trujillo, Peru in 2008. The APEC-endorsed US food defense team planned a follow-up event for Peruvian industry, academia, and government officials, with a focus on the private sector. The workshop builds on the food defense technical information provided during the initial phases of the pilot project. The US expert team addressed food defense methodologies, practices, and tools to strengthen skills and understanding necessary to facilitate vulnerability assessments, food defense planning efforts, and food defense educational programs. | Peru                                 | Cory Bryant<br>240-402-2209<br><a href="mailto:cory.bryant@fda.hhs.gov">cory.bryant@fda.hhs.gov</a><br><br>McCormick, Kelly<br>(202) 720-1347<br><a href="mailto:Kelly.McCormick@fas.usda.gov">Kelly.McCormick@fas.usda.gov</a> |
| Animal Health | 21 Aug 2010- 4 Sept 2010<br><br>Plant Quarantine, Clearance, and Inspection<br><br>\$32,600 | The Florida Department of Agriculture and Consumer Service trained Mexican Department of Agriculture officials on how to conduct surveys, identification procedures and data management on pests and diseases to improve their current systems.  | Mexico                               | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>  |
| Plant Health  | 21 Aug 2010- 3 Sept 2010<br><br>WTO/SPS/TBT Notification Process<br><br>\$32,500            | The USDA-FAS sponsored two Fellows from the Philippines on the US inspection process for imported/exported fruits and vegetables. The program included visits to an airport and a vegetable-processing facility in Los Angeles, California to help provide the Philippines additional knowledge when developing regulations for clearing imported food products.   | Philippines                          | Phuong Mai<br>(202) 690-2986<br><a href="mailto:phuong.mai@fas.usda.gov">phuong.mai@fas.usda.gov</a>  |
| Food Safety   | 23 Aug 2010- 2 Aug 2010<br><br>HACCP Implementation Plan Activity<br><br>\$30,000           | The Cochran Fellowship Program provided training to five mid-level government officials (Viet Nam and Cambodia) on the US notification process of the WTO including SPS and TBT issues. The officials represented the Ministry of Agriculture and Rural Development (MARD) Department of Animals, MARD Plant Protection, and MARD/National Fisheries Quality Assurance and Veterinary Directorate; Ministry of Science and Technology/ Standards and Quality Directorate; Ministry of Health/Viet Nam Food Administration; and Ministry of Industry and Trade. The training aimed to increase the role of science in drafting SPS regulations and increase Viet Nam's awareness of and participation in the WTO SPS notification and comment process.  | Viet Nam/Cambodia                    | Phuong Mai<br>(202) 690-2986<br><a href="mailto:phuong.mai@fas.usda.gov">phuong.mai@fas.usda.gov</a>  |

| Sector(s)                 | Date, Assistance Title and Budget in US Dollars   | Description of Particular Programme   | Recipient Acceding or Member Country | Contact   |
|---------------------------|---|---|--------------------------------------|---|
| Food Safety               | 23 Aug 2010- 28 Aug 2010<br><br>Honduras Meat Packing Plant Review<br><br>\$10,000                    | The USDA-FAS worked with the Government of Nigeria (GON) and private sector facilities to help improve its GON HACCP Implementation Strategic Plan to increase food security and ensure the safety and nutrition of foods and agricultural products in Nigeria and addressed potential hazards that can occur in food processing facilities. This set the stage for a risk based inspections and approvals process, which will increase access to critical commodities thus enhancing food security.  | Nigeria                              | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>   |
| Food Safety               | 23 Aug 2010- 25 Aug 2010<br><br>Food Defense Workshop – Panama<br><br>\$22,045                        | The USDA-FAS sponsored a veterinary expert to conduct pre-audits of various meat plants and labs in Honduras seeking re-certification with the US Food Safety Inspection Service (FSIS). The expert examined meat processing facilities and laboratories and met with government regulatory officials to review Honduras' food safety inspection system. This activity directly supports the Central America Free Trade Agreement (CAFTA-DR).   | Honduras                             | Jessica Maxwell<br>(202) 720-0556<br><a href="mailto:Jessica.Maxwell@fas.usda.gov">Jessica.Maxwell@fas.usda.gov</a>   |
| Food Safety, Food Defense | 23 Aug 2010- 27 Aug 2010<br><br>APEC Food Defense Collaborative Exchange<br><br>\$65,001              | The USDA-FAS, USDA-FSIS, USFDA and US industry, conducted a three-day food defense workshop, in Panama City as a continuation of the August 2009 Food Defense Awareness Workshop in Panama City for all of Latin America. This follow-up event targeted Panamanian industry, academia, and government officials, with a focus on the private sector. The US expert team addressed food defense methodology practices, and tools to strengthen skills and understanding necessary to facilitate vulnerability assessments, food defense planning efforts, and food defense educational programs. | Panama                               | Cory Bryant<br>240-402-2209<br><a href="mailto:cory.bryant@fda.hhs.gov">cory.bryant@fda.hhs.gov</a><br><br>McCormick, Kelly<br>(202) 720-1347<br><a href="mailto:Kelly.McCormick@fas.usda.gov">Kelly.McCormick@fas.usda.gov</a> |
| Food Defense              | 23 Aug 2010- 27 Aug 2010<br><br>Pesticide Laboratory Capacity Building and Assessment<br><br>\$18,000 | The USFDA sponsored a Food Defense Training Program for industry participants and a Food Defense Education Exchange Program for academic participants. The University of Minnesota's National Center for Food Protection and Defense coordinated and hosted the program. The program aimed to equip the Thai and Peruvian participants with the skills and understanding necessary to facilitate educational programs, vulnerability assessments and food defense planning efforts in their respective countries and regions.   | Peru, Thailand                       | Cory Bryant<br>240-402-2209<br><a href="mailto:cory.bryant@fda.hhs.gov">cory.bryant@fda.hhs.gov</a>   |

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|---------------|---|---|--------------------------------------|---|
| Food Safety   | 23 Aug 2010- 25 Aug 2010<br><br>Caribbean Food Safety<br><br>\$65,000   | USFDA experts provided training and assessments to build pesticide laboratory capacity for analysts and management of the Ministry of Agriculture Central Veterinary Laboratory.  | Dominican Republic                   | Moisés O'Neill<br><a href="mailto:moises.oneill@fda.hhs.gov">moises.oneill@fda.hhs.gov</a>  |
| Food Safety   | 23 Aug 2010- 3 Sept 2010<br><br>International Course on Veterinary Epidemiology<br><br>\$209,183                                      | The USDA-FAS sponsored a Caribbean Food Safety Workshop in Miami, Florida, to discuss issues regarding establishing a region-wide CARICOM technical committee for Food Safety, and the coordination of sanitary and phytosanitary (SPS) issues at the regional and national levels. Participants worked with their Caribbean colleagues to discuss Caribbean food safety issues and plans for establishing a technical working group (TWG) to complement the regional plant and animal working groups that have contributed to the amelioration of regional SPS issues. | Caribbean Basin Emerging Markets     | Cynthia Evans<br>(202) 690-3985<br><a href="mailto:Cynthia.Evans@fas.usda.gov">Cynthia.Evans@fas.usda.gov</a><br><br>Catherine Chesnutt<br>(202) 720-0301<br><a href="mailto:Catherine.Chesnutt@fas.usda.gov">Catherine.Chesnutt@fas.usda.gov</a> |
| Animal Health | 23 Aug 2010- 27 Aug 2010<br><br>Caribbean and Central American Participation in Live Bird Market Biosecurity training<br><br>\$35,373 | The USDA-APHIS and the Colorado State University provided veterinarians with skills and concepts in epidemiology with emphasis in risk analysis methods. The course in Fort Collins, Colorado is to strengthen the epidemiological skills of international veterinarians.   | World-Wide                           | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>  |
| Animal Health | 29 Aug 2010- 22 Oct 2010<br><br>Ruminant Nutrition<br><br>\$62,500  | The USDA-APHIS supported participants to gain further knowledge on the role of live bird markets in the early detection, rapid response and containment of avian influenza. Training also included GPS, biosecurity, poultry diseases and diagnostic techniques.  | Central America/Caribbean            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>  |
| Animal Health | 30 Aug 2010- 1 Sept 2010<br><br>Seminar on Stevia-derived Products<br><br>\$6,000   | During their eight-week scientific exchange at Michigan State University, three Iraqi participants gained a solid overall understanding of ruminant nutrition and management of sheep and dairy cattle as practiced in the United States. Their training included learning about the tools and techniques for pasture improvement and enhancement of nutritive value of forages common in Iraq.   | Iraq                                 | Lisa Wendel<br>(202) 720-8877<br><a href="mailto:lisa.wendel@fas.usda.gov">lisa.wendel@fas.usda.gov</a>   |

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| Food Safety   | 31 Aug 2010- 3 Sept 2010<br><br>Mite Identification Training for SENASA Officials<br><br>\$8,000   | Two USFDA experts followed up 12 generally accepted as safe GRAS notifications for stevia-derived substances by providing a legal update on the product status (and the difference between food and dietary ingredient) and explaining requirements to access the US market to 75 participants from the industry and government. | Paraguay                             | Edmundo Garcia<br><a href="mailto:edmundo.garcia@fda.hhs.gov">edmundo.garcia@fda.hhs.gov</a>                                 |
| Plant Health  | 1 Sept 2010- 20 Oct 2010<br><br>International Visitors' Program                                    | The USDA APHIS and USDA ARS coordinated with Argentina Service of Food Security (SENASA) to identify mites in fruit plants to prevent trade disruption.  | Argentina                            | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a>     |
| Food Safety   | 1 Sept 2010- 3 Sept 2012<br><br>Genetics and Food Safety of Game Meat<br>\$40,000                  | The US EPA conducted technical briefings on US regulatory requirements for agricultural and pesticide chemical imports, general regulatory policy, and advice on alternative means of pest control.  | Global                               | Richard Biava<br>(703) 305-6405<br><a href="mailto:biava.richard@epa.gov">biava.richard@epa.gov</a>                          |
| Food Safety   | 1 Sept 2010- 31 Jan 2011<br><br>Armenia Sheep Sector Assessment<br><br>\$421,369                   | Two Borlaug Fellows will be trained at Pennsylvania State University. The Zambian Fellow will receive training on bean breeding. The second Fellow will work on food safety issues as it pertains to game meat.  | Zambia, Namibia                      | Tacarra Birmingham<br>(202) 690-1246<br><a href="mailto:tacarra.birmingham@fas.usda.gov">tacarra.birmingham@fas.usda.gov</a> |
| Animal Health | 21 Feb 2011- 3 Sept 2012<br><br>Genetics and Food Safety of Game Meat<br>\$48,231                  | The US State Department and Utah State University sponsored an assessment and evaluation of Armenia's Sheep Producing sector and potential for CADI to enhance the small producers of sheep and their food and fiber products in support of the sheep producing sector in Armenia.   | Armenia                              | Paul Strasberg, Program Manager<br>202.690.2915  |
| Food Safety   | 5 Sept 2010- 18 Sept 2010<br><br>Developing and Implementing Food Safety Standards<br><br>\$22,800 | Two Borlaug Fellows from Zambia and Namibia trained at Pennsylvania State University with the Zambian Fellow focusing on bean breeding and the Namibian Fellow focusing on food safety issues as it pertains to game meat.   | Zambia, Namibia                      | Tacarra Birmingham<br>(202) 690-1246<br><a href="mailto:tacarra.birmingham@fas.usda.gov">tacarra.birmingham@fas.usda.gov</a> |

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| Food Safety   | 6 Sept 2010- 17 Sept 2010<br>Post Harvest Cold Storage<br>\$25,000  | The USDA-FAS sponsored eight Cochran Fellows from Viet Nam (7) and Cambodia (1) on U.S food safety standards to help them improve their agricultural systems. Training included an overview of US food safety systems, with a focus on risk communication, certification systems, and the enforcement of food and agricultural standards. Fellows met with US regulatory agencies and included site visits to poultry, beef, and pork slaughtering/packing facilities and farms. | Viet Nam                             | Phuong Mai<br>(202) 690-2986<br><a href="mailto:phuong.mai@fas.usda.gov">phuong.mai@fas.usda.gov</a>                     |
| Cold Storage  | 6 Sept 2010- 5 Nov 2010<br>Maize Redness Phytoplasma Research<br>\$49,778   | The USDA-FAS sponsored five Fellows from Albania on a post harvest cold storage technologies training in conjunction with Louisiana State University. The project focused on various issues and problems Albania is facing regarding fruit and vegetable cold storage.   | Albania                              | Thomas, Desiree<br>202-690-0947<br><a href="mailto:desiree.thomas@fas.usda.gov">desiree.thomas@fas.usda.gov</a>          |
| Plant Health  | 6 Sept 2010- 10 Sept 2010<br>Mount HPAI Simulation Exercises in Ten Caribbean Countries<br>\$50,000                             | The USDA-FAS sponsored a scientist from Serbia's Institute for Plant Protection and Environment to conduct collaborative research on maize redness at Ohio State University for a period of two months. The goal was to find the vectors associated with maize redness in order to create appropriate measures to minimize the effects of the disease.   | Serbia                               | Erica Johnston<br>202-720-1423<br><a href="mailto:erica.johnston@fas.usda.gov">erica.johnston@fas.usda.gov</a>           |
| Animal Health | 7 Sept 2010- 24 Sept 2010<br>Animal request for Ms. Naile Sidiqque (Pakistani Scientist) to receive Training at NVSL<br>\$7,205 | The USDA-APHIS funded simulation exercises for veterinary professionals to better prepare them in managing animal health outbreaks by practicing Incident Command System principals. The goal was to prepare the Caribbean working group response to emergencies as a regional supplemental team and properly answer calls from Chief Veterinary Officers for assistance.  | Caribbean Region                     | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 7 Sept 2010- 9 Sept 2010<br>Electronic Phytosanitary Certificate Workshop for SENASA<br>\$4,899                                 | The USDA-APHIS National Veterinary Services Laboratory provided training to an individual with the Pakistan Laboratory on antigen production for HI and for Agar Cell Diffusion for three weeks in Ames, Iowa. The effort is expected to increase the capacity of the Pakistan laboratory.   | Pakistan                             | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |

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| Plant Health  | 10 Sept 2010- 18 Sept 2010<br><br>Backyard Poultry Processing communication Project<br><br>\$15,000    | An USDA-APHIS expert and a private sector computer analyst provided a two-day workshop for twenty Peruvian participants on APHIS e-certification system to benefit counterparts in Lima, Peru. The training was intended to help Peru initiate their own system which would speed up processing of documents for international trade.       | Peru                                 | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 13 Sept 2010- 24 Sept 2010<br><br>Highly Pathogenic Avian Influenza Diagnostic Training<br><br>\$6,000 | The USDA-APHIS trained Lao government officials overseeing the backyard poultry slaughter sector in the application of good practices in biosecurity/hygiene sanitation.  | Lao, People's Dem. Rep. of           | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 14 Sept 2010- 17 Sept 2010<br><br>Study the Risk Pathways and Risk to Caribbean<br><br>\$68,200        | The USDA-APHIS trained Malawi laboratory staff to effectively handle diagnosis of HPAI, establish quality management laboratory systems, and identify major deficiencies.   | Malawi                               | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 13 Sept 2010- 17 Sept 2010<br><br>Turkey Epidemiology Training<br><br>\$5,941                          | The APHIS reviewed export/import documentation from countries where trade is legal, conduct public information program on sanitary issues related to birds, identify countries where trade is not legal and find risk pathways, and study bird's illness/curative interventions. The goal is to prevent the spread of H5N1 avian influenza. | Caribbean Region                     | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Animal Health | 13 Sept 2010- 20 Sept 2010<br><br>Hazard Analysis Critical Control Point (HACCP)<br><br>\$3,500        | The USDA-FAS and APHIS partnered to provide Turkey a series of workshops on Veterinary Epidemiology.  | Turkey                               | Richard Pacer, DVM<br>202-720-7481<br><a href="mailto:Richard.e.pacer@aphis.usda.com">Richard.e.pacer@aphis.usda.com</a> |
| Food Safety   | 13 Sept 2010- 2 Oct 2010<br><br>FSIS Meat and Poultry Inspection Seminar III<br><br>\$30,000           | The Cochran Fellowship Program sponsored one Albanian government official in the FSIS Meat and Poultry Inspection Seminar. Training covered an overview of FSIS, APHIS Veterinary Service, farm to table, HACCP, pathogen reduction, standards and labeling, and risk assessment.   | Albania                              | Thomas, Desiree<br>202-690-0947<br><a href="mailto:desiree.thomas@fas.usda.gov">desiree.thomas@fas.usda.gov</a>          |



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| Food Safety   | 13 Sept 2010- 17 Sept 2010<br><br>Turkey Basic Veterinary Epidemiology Course<br><br>\$500,000  | The USDA-FAS sponsored three Cochran Fellows to participate in a meat and poultry inspection training seminar, conducted by USDA-FSIS. The seminar provided an overview of FSIS, including an introduction to HACCP, pathogen reduction, import and export policies and procedures, and equivalence.  | Barbados, Chile, St. Vincent and the Grenadines | Kelly Shaw<br>(202) 690-2735<br><a href="mailto:Kelly.Shaw@fas.usda.gov">Kelly.Shaw@fas.usda.gov</a>                  |
| Animal Health | 13 Sept 2010- 17 Sept 2010<br><br>Asia Regional Codex Seminar<br><br>\$80,000   | The USDA-FAS provided workshops on basic/advanced veterinary epidemiology - with a focus on brucellosis prevention, detection and control for approximately 200 veterinarians and other disease control officials in Turkey. This capacity-building effort complements a parallel Department of State (DOS) grant to Turkey to bolster in-country production of vaccines and improve the control of brucellosis and other dangerous livestock diseases.   | Turkey  | Trachelle Carr<br>(202) 690-0787<br><a href="mailto:Tracelle.Carr@fas.usda.gov">Tracelle.Carr@fas.usda.gov</a>        |
| Food Safety   | 13 Sept 2010- 17 Sept 2010<br><br>JIFSAN-USFDA<br>Commercially Sterile Processed Foods Training Program<br><br>\$28,500   | The USDA provided training to government and private sector officials from three countries in Asia to enable them to participate more effectively in Codex Alimentarius activities. The training also focused on domestic organization of Codex-related agencies.   | Viet Nam, Lao, People's Dem. Rep. of, Cambodia  | Shane Danielson<br>(202) 720-1230<br><a href="mailto:Shane.Danielson@fas.usda.gov">Shane.Danielson@fas.usda.gov</a>   |
| Food Safety   | 13 Sept 2010- 1 Oct 2010<br><br>Training program developed to familiarize government officials on U.S. meat and poultry inspection procedures and regulations<br><br>\$71,855 | The University of Maryland faculty, industry, JIFSAN, and USFDA experts provided technical assistance to over 70 Chinese producers and regulators of low acid and acidified foods. This course gave participants essential knowledge of the fundamentals of microbiology, sanitation, spoilage-analysis and the development and application of thermal processing, as well as, USFDA regulations and included a field trip to a commercial production facility for hands-on training in facility and equipment and container analysis. This hands-on training will help the participant regulators develop a food safety inspection program for processed foods in China. | China   | Elizabeth M. Calvey<br>240-402-1981<br><a href="mailto:Elizabeth.Calvey@fda.hhs.gov">Elizabeth.Calvey@fda.hhs.gov</a> |



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|---------------|---|---|--|--|
| Animal Health | 13 Sept 2010- 17 Sept 2010<br><br>Microbiology Laboratory Training<br><br>\$5,035 | The USDA-FSIS sponsored a meat and poultry inspection seminar to familiarize government officials from target countries with US inspection procedures and regulations implemented and enforced by USDA.   | Barbados, Canada<br>Chile, China,<br>Denmark, Hong Kong, China;<br>Malaysia, Mongolia, Oman Singapore, St. Vincent, Armenia and Mexico | Andreas Keller<br>202-690-5646<br><a href="mailto:andreas.keller@fsis.usda.gov">andreas.keller@fsis.usda.gov</a> |
| Animal Health |   | The USDA-FSIS conducted a microbiology laboratory training seminar, involving (11) scientists from Israel, Dominican Republic, Mexico, Mongolia, Namibia; Hong Kong, China; and the Netherlands. The training was conducted at the FSIS Eastern Laboratory. | Israel, Dominican Republic, Mexico, Mongolia, Namibia, Hong Kong, China; Netherlands   | Andreas Keller<br>202-690-5646<br><a href="mailto:andreas.keller@fsis.usda.gov">andreas.keller@fsis.usda.gov</a> |

## TABLE OF ACRONYMS

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| AGOA       | African Growth and Opportunity Act   |
| AI         | Avian Influenza  |
| AMS        | Agricultural Marketing Service   |
| APEC       | Asia-Pacific Economic Cooperation  |
| APHIS      | Animal and Plant Health Inspection Service   |
| ARS        | Agricultural Research Service  |
| BTA        | Bilateral Trade Agreement  |
| CADI       | Caucasus Agricultural Development Initiative   |
| CAFTA-DR   | Central America-Dominican Republic Free Trade Agreement                              |
| CARD       | Center for Agribusiness and Rural Development  |
| CFSAN      | Center for Food Safety and Applied Nutrition   |
| COMESA     | Common Market for Eastern and Southern Africa  |
| CRSP       | Collaborative Research Support Project   |
| CSREES     | Cooperative State Research, Education, and Extension Service                         |
| CVOs       | Chief Veterinary Officers  |
| EPA        | Environmental Protection Agency  |
| FAS        | Foreign Agricultural Service   |
| FSIS       | Food Safety and Inspection Service   |
| GAP        | Good Agricultural Practices  |
| GIPSA      | Grain Inspection, Packers, and Stockyards Administration                             |
| GIS        | Geographic Information System  |
| GM         | Genetically Modified   |
| GMP        | Good Manufacturing Practices   |
| GPS        | Global Positioning System  |
| HACCP      | Hazard Analysis and Critical Control Point   |
| DHHS       | Department of Health and Human Services  |
| HLB        | Huang Long Bing  |
| HPAI       | Highly Pathogenic Avian Influenza  |
| IICA       | Inter-American Institute for Cooperation on Agriculture                              |
| IPM        | Integrated Pest Management   |
| JIFSAN     | Joint Institute for Food Safety and Applied Nutrition                                |
| NAFTA      | North America Free Trade Agreement   |
| NATO       | North Atlantic Treaty Organization   |
| NGO        | Non-governmental Organization  |
| PCR        | Polymerase Chain Reaction  |
| PRA        | Pest Risk Assessment   |
| RFR        | Reportable Food Registry   |
| SPS        | Sanitary and Phytosanitary   |
| TRQ        | Tariff Rate Quota  |
| USAID      | United States Agency for International Development                                   |
| USDA       | United States Department of Agriculture  |
| USDA-APHIS | United States Department of Agriculture - Animal Plant Health and Inspection Service |
| USDA-ARS   | United States Department of Agriculture - Agricultural Research Service              |
| USDA-FAS   | United States Department of Agriculture - Foreign Agricultural Service               |
| USDA-FSIS  | United States Department of Agriculture - Food Safety Inspection Service             |

USFDA United States Food and Drug Administration  
USFDA-CFSAN United States Food and Drug Administration – Center for Food Safety and  
Applied Nutrition  
VFU Veterinary Field Unit  
WTO World Trade Organization

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