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| USA   | Offer 2017_82| (62)  | Project Title: CBEP Biosciences Fellowship Program  
Please see attached information on the CBEP Biosciences Fellowship Program that is designed to promote biological safety and security (BS&S) by increasing technical capacity for biological scientists in the Middle East and South Asia (MESA) region. The program aims to establish a regional network for sustainable cooperation on laboratory diagnosis and BS&S standards.  
This opportunity is open to early to mid-career biological scientists working in government ministries, government-operated biological science laboratories, and/or research and diagnostic facilities in the following countries:  
- Jordan  
- Lebanon  
- Turkey  
CBFP will award up to 14 fellowships to candidates from the three eligible countries. Selected fellows will conduct a science exchange fellowship of up to six months in duration to engage in research at a host institution in the United States, Europe, the Middle East, or elsewhere, as appropriate. Funding for this fellowship program is provided by the U.S. Defense Threat Reduction Agency (DTRA).  
CRDF Global will host 2 informal question and answer (Q&A) webinars on Monday, 20 November and Monday, 11 December 2017 at 11:00 am U.S. Eastern Standard Time (EST).  
A link to connect to the webinars will be posted at the highlighted hyperlink above once available.  
Kindly direct any questions to program coordinators at CBFP@crdfglobal.org.  
Please submit the application and required accompanying documents (as outlined in the Program Announcement) to CBFP@crdfglobal.org no later than Sunday, 17 December 2017 23:59 U.S. Eastern Time (ET). | Program Coordinators email address: CBFP@crdfglobal.org. | Available | 14/11/17 |  |
| Canada| Offer 2017_81 | (61)  | Project Title: Scholarship to certify the technical competency of individuals engaged in biorisk management and biosecurity practices in the East African region.  
IFBA, in collaboration with the Biorisk Management Association of Kenya (BM AK) and the Biosafety & Biosecurity Association of Uganda (BBAU), is inviting applications for a Global Affairs Canada funded scholarship to certify the technical competency of individuals engaged in biorisk | Secretariat: secretariat@internationalbiosafety.org | Temporarily | 14/11/17 | www.internationalbiosafety.org |
management and biosecurity practices in the East African region. This scholarship will provide funding to cover travel and accommodation costs associated with participation in a training workshop and examination session geared towards obtaining an IFBA Professional Certification in Biorisk Management or IFBA Professional Certification in Biosecurity. The session is tentatively scheduled to be held in Nairobi, Kenya, in February 2018. The examination in Biorisk Management will be offered in both the English and French languages. (Please note that only individuals who have successfully completed the pre-requisite Biorisk Management Certification are eligible for the Biosecurity Certification). For more information about the certification program, please visit www.internationalbiosafety.org.

Individuals who are interested in applying for the grant are requested to fill out the attached application form and forward by email together with a copy of their curriculum vitae to the IFBA Secretariat at: secretariat@internationalbiosafety.org. The deadline to submit your application is Friday December 15, 2017.

Please note that this scholarship opportunity is only available to candidates who are currently based in East Africa (Kenya, Uganda, Tanzania, Rwanda, Burundi, Ethiopia, South Sudan) possess general knowledge of, and have some experience in the field of biorisk management; have responsibility for biosafety, biosecurity and biorisk management programs; and, are familiar with the exam content of the IFBA’s Professional Certification programs.

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| United States  | Offer 2017_80| Capacity Building/HR Training | **Project Title:** Centers for Disease Control and Prevention (CDC) TRAIN Program  
Over 1,000 CDC approved and verified courses to learners across the public health community including public health practitioners, healthcare professionals, laboratorians, epidemiologists, veterinarians, first responders, educators, and students.  
https://www.train.org/cdctrain/welcome                                                                                                                                                                                                                                                                                                                                 | Current                              | 27/03/17 | https://www.train.org/main/help/about                                                  |
| Italy          | Offer_2017_79| Capacity Building | **Project Title:** capacity building for the advancement of science in developing countries  
Italy in collaboration with The World Academy of Sciences (TWAS) and as the host state of TWAS are offering various opportunities to scientists from developing countries.  
TWAS is a global science academy based in Trieste, Italy, working to advance science and engineering for sustainable prosperity in the developing world. TWAS’s mission is to:  
• Recognize, support and promote excellence in scientific research in the developing world;  
• Respond to the needs of young scientists in countries that are lagging in science and technology;  
• Promote South-South and South-North cooperation in science, technology and innovation;  
• Encourage scientific research and sharing of experiences in solving major problems facing developing countries;  
Individuals who are interested in applying for the opportunities offered by TWAS, are kindly requested to visit http://twas.org/opportunities. New offers are uploaded on the TWAS website on a regular basis.                                                                                                                                 | Current                              | 20/02/17 | http://twas.org/opportunities                                                         |
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<td>TWAS</td>
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<td>TWAS and its partners offer over 600 fellowships per year to scientists in the developing world who want to pursue PhDs and postdoctoral research. TWAS prizes and awards are among the most prestigious given for scientific work in the developing world. The Academy distributes more than USD1 million in research grants every year to individual scientists and research groups. It supports visiting scientists and provides funding for regional and international science meetings. Specific opportunities are:  - PhD and post-doctoral research fellowship programme;  - Research grants;  - Financial assistance to the organizers of international and regional scientific conferences, workshops, symposia and special meetings in the developing world;  - Prizes and awards in recognition of scientific work done;  - Visiting scientists;  - Sustainability Case Studies Competition;</td>
<td>Jacob Buchwaldt-Nissen  Head, Policy Division  Centre for Biosecurity and Biopreparedness  Statens Serum Institut  5 Artilerivej  DK-2300 Copenhagen S  Telephone: +45 32688127  Email: <a href="mailto:cbb@ssi.dk">cbb@ssi.dk</a></td>
<td>current</td>
<td>10/07/2016</td>
<td><a href="https://www.biosikring.dk/eng">https://www.biosikring.dk/eng</a></td>
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| Denmark | Offer_2016_75 (58) | Biorisk management | Project Title: International biosecurity course  
Department/Agency:  
Centre for Biosecurity and Biopreparedness  
Statens Serum Institut  
5 Artilerivej  
DK-2300 Copenhagen S  
Telephone: +45 32688127  
Email: cbb@ssi.dk  
Details:  
The Danish Centre for Biosecurity and Biopreparedness (CBB) is offering international courses on how to establish and implement a national biosecurity system. Usually, this is conducted as a one-week course in Copenhagen, but the duration can be tailored to meet individual needs. The full programme takes a week. More information can be found at:  
https://www.biosikring.dk/647/ | Jacob Buchwaldt-Nissen  Head, Policy Division  Centre for Biosecurity and Biopreparedness  Statens Serum Institut  5 Artilerivej  DK-2300 Copenhagen S  Telephone: +45 32688127  Email: cbb@ssi.dk | current | 10/07/2016 | https://www.biosikring.dk/eng |
| Mexico | Offer_2016_074 (57) | Capacity Building | Project Title: National Epidemiological Surveillance System (SINAVE), a platform that allows knowing the behaviour of selected diseases on a weekly basis, in public and private establishments, supported by a network of laboratories in Public Health.  
Platform that generates useful information for the orientation of programs, the | Dr. Cuitláhuac Ruiz Matus  General Director for Epidemiology  Francisco de P. Miranda #177, Col. Unidad Lomas de Plateros, Delegación Álvaro Obregón, Distrito Federal CP. 01480  cuitlahuac.ruiz@salud.gob.mx | current | April 2016 | More information on the General Direction for Epidemiology is available at:  
www.epidemiologia.salud.gob.mx |
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<td>interventions required in the care of the suffering, risk situations that affect the community seriously and frequently.</td>
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<td>Since the creation of the SINAVE in 1995, the Single Information System for Epidemiological Surveillance (SUIVE) was established, with the purpose of systematizing morbidity and mortality information, with the participation of the whole sector.</td>
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<td>The SUIVE generates homogenous information about health services in the different technical and administrative levels. This information concerns the occurrence, distribution in time, place and person, risk factors and consequences of diseases that affect the health of the population. It guides and supports the decision making for the design and implementation of plans and health programs throughout the country. This system relies on an online platform where 167 diseases subject to epidemiological surveillance; information is disseminated on a weekly basis through the official website of the General Direction for Epidemiology.</td>
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<td>The Hospital Network for Epidemiological Surveillance (RHOVE) operates in the general and specialty hospitals, to meet their information needs regarding compulsory notifiable diseases and nosocomial infections. It currently operates in more than eighty hospital units.</td>
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<td>The Epidemiological and Statistical Mortality System (SEED) collects information from death certificates, with the purpose of maintaining a registry of the causes of death among the population, and in order to identify and detect risks and be ready to develop health actions and prevent people from dying of these causes.</td>
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<td>Special Epidemiological Surveillance Systems of the SINAVE</td>
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<td>There are 24 special epidemiological surveillance systems, supported by the National Network of Public Health Laboratories, concentrating nominal information of potential and confirmed patients suffering the diseases of greater importance in public health, within the country.</td>
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<td>The Epidemiological and Health Intelligence Unit (UIES) has the ability to detect and deal with opportunity, epidemiological critical events and natural disasters that endanger the health of the population. It identifies and keeps track any health contingency developing in the country or the world. It collects information obtained from multiple sources, and allows to take action for the timely care of people affected or at risk, through preventive and control measures according to the event; it also allows to monitor health emergencies, with the aim of maintaining coordination, efficiency and agility in the decision-making process.</td>
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<td>Cuba</td>
<td>Offer_2015_073 (56)</td>
<td>Biorisk management</td>
<td>The National Focal Point (CNE) is the National Center designated by each country, with whom you may be contacted at all times to share and receive communications from the Contact Points of the World Health Organization, in compliance with Regulation International health. It has an important role in the management of health information at the international level, thus contributing to the prevention of the international spread of diseases and health risks, as well as their care and control. The General Direction for Epidemiology is currently the entity designated to serve as the National Focal Point for the International Health Regulations, fulfilling the functions outlined for the CNE in the International Health Regulations.</td>
<td>Name: Leticia Pastor Chirino Title/position: Director Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment Address: 28th Street and 5th avenue, Playa, La Habana, Cuba Phone and fax: +53 7 202 32 81 +53 7 202 32 55 e-mail: <a href="mailto:leticiach@orasen.co.cu">leticiach@orasen.co.cu</a></td>
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<td>Cuba</td>
<td>Offer_2015_072 (55)</td>
<td>CBMs</td>
<td>Project Title: Training of human resources on various issues related to biosafety and biosecurity, including the training of inspectors in Biosafety and Biosecurity and expert advice and risk assessors.</td>
<td>Name: Leticia Pastor Chirino Title/position: Director Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment Address: 28th Street and 5th avenue, Playa, La Habana, Cuba Phone and fax: +53 7 202 32 81 +53 7 202 32 55 e-mail: <a href="mailto:leticiach@orasen.co.cu">leticiach@orasen.co.cu</a></td>
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<td>Cuba</td>
<td>Offer_2015_071 (54)</td>
<td>Capacity Building / equipments</td>
<td>Project Title: Expert advice about the implementation of Systems to accounting and control biological agents, equipment and technology.</td>
<td>Name: Leticia Pastor Chirino Title/position: Director Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment Address: 28th Street and 5th avenue, Playa, La Habana, Cuba Phone and fax: +53 7 202 32 81 +53 7 202 32 55 e-mail: <a href="mailto:leticiach@orasen.co.cu">leticiach@orasen.co.cu</a></td>
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<td>Cuba</td>
<td>Offer_2015_070 (53)</td>
<td>Disease Surveillance/Detection</td>
<td>Project Title: Technical assistance abroad by trained professionals in the provision of diagnostic and surveillance phytosanitary and quarantine services in port, airport and border. Department/Agency: The National Center of Plant Health Details:</td>
<td>+53 7 202 32 81 +53 7 202 32 55 e-mail: <a href="mailto:leticiach@orasen.co.cu">leticiach@orasen.co.cu</a></td>
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<td>Cuba</td>
<td>Offer_2015_069 (52)</td>
<td>Disease Surveillance/Detection</td>
<td>Project Title: Advising, training and technical assistance on infection and pest diagnosis (viruses, bacteria, fungi, nematodes, insects, mites, bushes) in manufacturing systems, propagation materials, development programs for seeds and varieties, post-harvest work, storage sites, transportation and the marketing of agro-business products. Department/Agency: The National Research Institute of Plant Health Details:</td>
<td>+53 7 202 32 81 +53 7 202 32 55 e-mail: <a href="mailto:leticiach@orasen.co.cu">leticiach@orasen.co.cu</a></td>
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<td>Cuba</td>
<td>Offer_2015_068 (51)</td>
<td>Capacity Building</td>
<td>Project Title: Advising on the design and management of agricultural production systems to attain pest agro-ecological management. Department/Agency: The National Research Institute of Plant Health Details:</td>
<td>+53 7 202 32 81 +53 7 202 32 55 e-mail: <a href="mailto:leticiach@orasen.co.cu">leticiach@orasen.co.cu</a></td>
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<td>Cuba</td>
<td>Offer_2015_067 (50)</td>
<td>Capacity Building/HR</td>
<td>Project Title: Advising on capacity building for pest management in crops, storerooms and facilities. Department/Agency: The National Research Institute of Plant Health Details:</td>
<td>+53 7 202 32 81 +53 7 202 32 55 e-mail: <a href="mailto:leticiach@orasen.co.cu">leticiach@orasen.co.cu</a></td>
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| Cuba  | Offer_2015_06 6 (49) | Capacity Building/ facilities | **Project Title:** Advising on the adoption of technologies for the manufacture and use of biological resources and the design and commissioning of laboratories and manufacturing facilities of biological agent for agricultural pest control (microorganisms and insects.)  
**Department/Agency:** The National Research Institute of Plant Health  
**Details:** | Environment  
Address: 28th Street and 5th avenue, Playa, La Habana, Cuba  
Phone and fax: +53 7 202 32 81  
+53 7 202 32 55  
e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu |
| Cuba  | Offer_2015_06 5 (48) | Capacity Building / HR | **Project Title:** Technical advising, training and assistance on pest quality control analysis, their residues in crops and the environment, as well as on procedures for ascertaining top residue limits and the safe handling of formulates and innocuous waste disposal.  
**Department/Agency:** The National Research Institute of Plant Health  
**Details:** | Name: Leticia Pastor Chirino  
Title/position: Director  
Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment  
Address: 28th Street and 5th avenue, Playa, La Habana, Cuba  
Phone and fax: +53 7 202 32 81  
+53 7 202 32 55  
e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu |
| Cuba  | Offer_2015_06 4 (47) | Capacity Building  
+ Biorisk management  
+ Disease Surveillance /Detection  
+ Emergency response | **Project Title:** Yearly courses of:  
- Scientific research methodology.  
- International project management.  
- Biostatistics and experimental design.  
- Intellectual property course.  
- Writing of scientific papers.  
- Quality and good practices system for agricultural test laboratories.  
- Diagnosis of viral agents of interest for animal health.  
- Veterinary medicine-applied biotechnology tools.  
- Veterinary vaccines. Current trends.  
- Emerging and re-emerging diseases. Prevention, diagnosis and control.  
Reduction of health disaster risks. | Name: Leticia Pastor Chirino  
Title/position: Director  
Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment  
Address: 28th Street and 5th avenue, Playa, La Habana, Cuba  
Phone and fax: +53 7 202 32 81  
+53 7 202 32 55  
e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu |
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- Diagnosis of bacterial agents of interest for animal health.  
- Milk production and quality.  
- Toxic plants which affect cattle.  
- Molecular diagnosis of animal pathogens.  
- Advances of the biotechnology in the animal health and improvement.  
- Emerging diseases in animals.  
- Detection of mycoplasms in biotechnological products.  
- Phytopathogen characterization and diagnosis.  
- Management of diseases in economically important crops.  
- New trends in the studies on plant-pathogen interaction for genetically improving of economically important crops.  
- Organic agriculture. The Cuban experience.  
- Microbial biopesticides and their use in biological controls.  
- Quantitative ecology of populations.  
- Agro-ecology and pest management.  
- Entomopathogenic nematodes and their introduction in sustainable agriculture.  
- Design of new phytosanitary products for agricultural use.  

**Department/Agency:** The National Center for Plant Protection and Animal Health (CENSA)  
**Details:** |
| Cuba  | Offer_2015_06 2 (45) | Science outreach & education | - Master of veterinary microbiology, Curricular Doctors’ degree on animal health, Curricular Doctor’s degree on plant health and Tutelar Doctor’s degree to opt for the degree of doctor of veterinary sciences or doctor of agricultural sciences. An information technology diploma course is taught.  

**Department/Agency:** The National Center for Plant Protection and Animal Health (CENSA)  
**Details:** |
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| Cuba  | Offer_2015_06_1 (44) | Science outreach & education | **Project Title:** Training for graduates from veterinary and other related courses on pharmacology, toxicology, epidemiology, bovine reproduction, clinics and pathology, virology, bacteriology, parasitology, milk production and quality and for graduates from agronomy, biology and other related courses, such as virology, mycology, physiopathology, entomology, nematology, acarology and pest biological control and integrated management.  
**Department/Agency:** The National Center for Plant Protection and Animal Health (CENSA)  
**Details:** | Playa, La Habana, Cuba  
Phone and fax: +53 7 202 32 81  
+53 7 202 32 55  
e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu/ |
| Cuba  | Offer_2015_06_0 (43) | Science outreach & education | **Project Title:** The Center makes two magazines available, *Salud Animal* and *Protección Vegetal*, both certified, plus books, and full texts of monographs and publications by authors being kept as bibliographical materials at the CENSA library.  
**Department/Agency:** The National Center for Plant Protection and Animal Health (CENSA)  
**Details:** | Name: Leticia Pastor Chirino  
Title/position: Director  
Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment  
Address: 28th Street and 5th avenue, Playa, La Habana, Cuba  
Phone and fax: +53 7 202 32 81  
+53 7 202 32 55  
e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu/ |
| Cuba  | Offer_2015_05_9 (42) | Science outreach & education | **Project Title:** XX INCA International Scientific Congress  
**Department/Agency:** the National Institute of Agricultural Sciences (INCA) of the Ministry of Higher Education of the Republic of Cuba.  
**Details:** In order to promote the widest exchange of scientific knowledge and productive experiences this conference has been held biannually since 1975 and it is attended by agriculture researchers, professors, technicians and producers from various Cuban and foreign institutions | Name: Leticia Pastor Chirino  
Title/position: Director  
Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment  
Address: 28th Street and 5th avenue, Playa, La Habana, Cuba  
Phone and fax: +53 7 202 32 81  
+53 7 202 32 55  
e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu/ |
| Cuba  | Offer_2015_05_8 (41) | Science outreach & education | **Project Title:** Master courses on plant nutrition and biofertilizers.  
**Department/Agency:** the National Institute of Agricultural Sciences (INCA) of the National Center of Biological Safety of the Ministry of Science, Technology and Environment | Name: Leticia Pastor Chirino  
Title/position: Director  
Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment | Current | Dec 2015 | http://www.orasen.co.cu/ |
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| Cuba  | Offer_2015_05 7 (40) | Science outreach & education | Project Title: Collaborative Curricular Doctor’s degrees on:  
- Plant eco-physiology.  
- Soil science, nutrition and biofertilizers.  
- Sustainable agricultural production.  
Department/Agency: the National Institute of Agricultural Sciences (INCA) of the Ministry of Higher Education of the Republic of Cuba  
Details: | Name: Leticia Pastor Chirino  
Title/position: Director  
Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment  
Address: 28th Street and 5th avenue, Playa, La Habana, Cuba  
Phone and fax: +53 7 202 32 81 +53 7 202 32 55  
e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu |
| Cuba  | Offer_2015_05 6 (39) | Science outreach & education | Project Title: Training, courses and diplomas on research lines and themes.  
Department/Agency: the National Institute of Agricultural Sciences (INCA) of the Ministry of Higher Education of the Republic of Cuba  
Details: | Name: Leticia Pastor Chirino  
Title/position: Director  
Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment  
Address: 28th Street and 5th avenue, Playa, La Habana, Cuba  
Phone and fax: +53 7 202 32 81 +53 7 202 32 55  
e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu |
| Cuba  | Offer_2015_05 5 (38) | Science outreach & education | Project Title: a journal, the *Revista de Cultivos Tropicales*  
Department/Agency: the National Institute of Agricultural Sciences (INCA) of the Ministry of Higher Education of the Republic of Cuba  
Details: | Name: Leticia Pastor Chirino  
Title/position: Director  
Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment  
Address: 28th Street and 5th avenue, Playa, La Habana, Cuba  
Phone and fax: +53 7 202 32 81 +53 7 202 32 55  
e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu |
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</table>
| Cuba  | Offer_2015_05 4 (37) | Disease Surveillance /Detection | **Project Title:** Development of new products for microbiological diagnosis, including miniaturized, chromogenic and fluorogenic means and systems for bacteria and fungi with applications in clinical and veterinary diagnosis, quality control in the food, pharmaceutical and biotechnological industries as well as in water monitoring and other applications.  
**Department/Agency:** The National Biopreparations Center (BIOCEN)  
**Details:** | e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu |
| Cuba  | Offer_2015_05 3 (36) | Disease Surveillance /Detection | **Project Title:** Obtaining of nano-compounds for the early detection of bacteria in clinical and water samples, specially E. Coli, through a combination of ceramics or nano-structured earths and their combinations with polymeric matrixes and fluorogenic substrates.  
**Department/Agency:** The National Biopreparations Center (BIOCEN)  
**Details:** | e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu |
| Cuba  | Offer_2015_05 2 (35) | Capacity Building / HR + Science outreach & education | **Project Title:** Postgraduate and advising courses which may be given by Cuban researchers in Cuba and abroad. Themes would be as follows:  
- Validation of microbiological methods for clinical and veterinary diagnosis, quality control in the pharmaceutical, biotechnology and food industries, monitoring of water and other environmental elements and determination of microbiological measurement uncertainties.  
- Measurement uncertainties and expression of microbiology results.  
- Good microbiology lab practices and culture media and reagent quality control.  
- Prevention of microbiological failures in the industry.  
- Good practices in the manufacture, preparation and use of culture media.  
- Master and doctor´s theses tutorials on the above-mentioned topics.  
**Department/Agency:** The National Biopreparations Center (BIOCEN)  
**Details:** | e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | http://www.orasen.co.cu |

Cuba Provided the following:
- **Project Title:** Advising on the various lines of work of the Institute,  
**Name:** Leticia Pastor Chirino  
**Title/Position:** Director  
**Department/Agency:** The National Center of Biological Safety of the Ministry of Science, Technology and Environment  
**Address:** 28th Street and 5th avenue, Playa, La Habana, Cuba  
**Phone and fax:** +53 7 202 32 81 +53 7 202 32 55  
**e-mail:** leticiach@orasen.co.cu  
**Date Added:** Dec 2015  
**Additional Information:** http://www.orasen.co.cu
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<tr>
<td>Cuba</td>
<td>Offer_2015_05_0 (33)</td>
<td>Science outreach &amp; education</td>
<td>Project Title: Training in the form of Doctor and Master’s degrees, summer courses, regular courses and training as requested.</td>
<td>Name: Leticia Pastor Chirino&lt;br&gt;Title/position: Director&lt;br&gt;Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment&lt;br&gt;Address: 28th Street and 5th avenue, Playa, La Habana, Cuba&lt;br&gt;Phone and fax: +53 7 202 32 81&lt;br&gt;+53 7 202 32 55&lt;br&gt;e-mail: <a href="mailto:leticiach@orasen.co.cu">leticiach@orasen.co.cu</a></td>
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<td>Cuba</td>
<td>Offer_2015_04_9 (32)</td>
<td>Science outreach &amp; education</td>
<td>Project Title: publications, namely, the Revista Cubana de Medicina Tropical and the IPK Boletín Epidemiológico</td>
<td>Name: Leticia Pastor Chirino&lt;br&gt;Title/position: Director&lt;br&gt;Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment&lt;br&gt;Address: Calle 28 e/ 5ta y 7ma, Playa, La Habana, Cuba&lt;br&gt;Phone and fax: +53 7 202 32 81&lt;br&gt;+53 7 202 32 55&lt;br&gt;e-mail: <a href="mailto:leticiach@orasen.co.cu">leticiach@orasen.co.cu</a></td>
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<td>Cuba</td>
<td>Offer_2015_04_8 (31)</td>
<td>Capacity Building / HR</td>
<td>Project Title: Training programs on all veterinary medicine activities, including prevention, epizootiologic surveillance systems and food safety.</td>
<td>Name: Leticia Pastor Chirino&lt;br&gt;Title/position: Director&lt;br&gt;Department/Agency: The National Center of Biological Safety of the Ministry of Science, Technology and Environment&lt;br&gt;Address: 28th Street and 5th avenue, Playa, La Habana, Cuba&lt;br&gt;Phone and fax: +53 7 202 32 81&lt;br&gt;+53 7 202 32 55&lt;br&gt;e-mail: <a href="mailto:leticiach@orasen.co.cu">leticiach@orasen.co.cu</a></td>
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| Cuba | Offer_2015_04 7 (30) | Science outreach & education | **Project Title:** International Congress  
**Department/Agency:** the LABIOFAM Business Group  
**Details:** promote scientific exchanges on various themes, among which those related to the use of biological agents for peaceful purposes are the following:  
1. Integrated disease-carrying vector prevention and control programs:  
   - Vector-communicated diseases.  
   - Operational use of biopesticides in vector control.  
   - Integrated vector control.  
   - Eco-systemic approach to disease prevention.  
   - Integrated strategy for projects by countries.  
   - Genetic engineering used to improve biopesticide formulations.  
   - Isolation and characterization of indigenous strains used in vector controls.  
   - Development of new products.  
2. Animal health: Prophylaxis and therapies:  
   - Development of veterinarian products.  
   - Biopharmaceuticals.  
   - Experience with the use of pharmaceuticals in veterinary medicine.  
3. Biopesticides, biofertilizers and biostimulants for agriculture:  
   - Taxonomy, characterization, biodiversity and ecology of beneficial organisms used in Cuban agriculture.  
   - Action mechanisms of bioproducts and their relationship with various forms of agricultural production.  
   - Manufacturing technologies for agricultural biopreparations and their use, management, quality control and risk.  
   - Biocontrol and/or biofertilization; evaluation and efficacy. Training of agriculture professionals to face new challenges in the use of agricultural bioproducts.  
| +53 7 202 32 81  
+53 7 202 32 55  
e-mail: leticiach@orasen.co.cu | Current | Dec 2015 | [http://www.orasen.co.cu](http://www.orasen.co.cu) |
| Cuba | Offer_2015_04 6 (29) | Coordination | **Project Title:** International cooperation and assistance on laboratory animal science and product evaluation.  
**Department/Agency:** The National Center for the Production of Laboratory Animals (CENPALAB)  
**Details:** | | | | |
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| Cuba           | Offer_2015_04 5 (28) | Capacity Building / HR + Emergency response | **Project Title:** Qualified specialists on biological risk topics and work with pathogenic microorganisms for peaceful uses who would be willing to cooperate, on behalf of Cuba, with other State Parties to the Convention which request so to build capacities to meet biological emergencies and serious epidemics.  
**Department/Agency:** The Cuban national health system  
**Details:**                                                                                                                                                                                  | +53 7 202 32 81 +53 7 202 32 55 e-mail: leticiach@orasen.co.cu | Current | Dec 2015       | http://www.orasen.co.cu |
| Cuba           | Offer_2015_04 4 (27) | Emergency response           | **Project Title:** Medical brigades from the Henry Reeve Internationalist Contingent made up by physicians specialized in disaster and big epidemics situations, as requested by other State Parties to the Convention.  
**Department/Agency:** The Cuban national health system  
**Details:**                                                                                                                                                                                  | +53 7 202 32 81 +53 7 202 32 55 e-mail: leticiach@orasen.co.cu | Current | Dec 2015       | http://www.orasen.co.cu |
| United Kingdom | Offer_2015_04 3 (26) | Disease Surveillance /Detection | **Project Title:** Animal health and welfare and public health.  
**Department / Agency:** Animal & Plant Health Agency (APHA)  
**Details:** The APHA is an executive agency of the Department for Environment, Food and Rural Affairs whose role is to safeguard animal and plant health, animal welfare and public health, protecting the economy and enhancing food security through research, surveillance and inspection.  
APHA holds reference laboratory status, both national and international, for a wide range of infectious and non-infectious diseases in farm animals providing a range of veterinary and scientific consultancy to countries across the world and working on behalf of organisations such as the European Community, UN Food & Agriculture Organization, World Organisation for Animal Health (OIE) and the World Health Organisation. APHA can offer bespoke training (theoretical and/or laboratory based) in many areas relating to animal health including the design of surveillance systems, epidemiology, sample collection and handling, laboratory management systems, safe handling of pathogens in containment and disease specific diagnostics.  
Ms. Helen Walker  
Head of Chemical and Biological Weapons Section  
Counter Proliferation and Arms Control Centre  
Zone 4.A.17  
Based in Ministry of Defense Whitehall London SW1A 2HB  
Tel: +44 207 008 2187  
URL: http://www.gov.uk/fco | Current - This is an update of Offer_2013-019 | Feb 2015 | These Programmes are examples of cooperation and assistance that could be offered by the United Kingdom. The UK also contributes to programmes led by the European Union. Please contact the UK’s National Point of Contact with requests for assistance for consideration. |
| United Kingdom | Offer_2015_04 2 (25) | Governance Framework         | **Project Title:** Legislative assistance to ensure the non-proliferation of CBRN weapons and related materials.  
Ms. Helen Walker  
Head of Chemical and Biological Weapons Section  
Counter Proliferation and Arms Control Centre  
Zone 4.A.17  
Based in Ministry of Defense Whitehall London SW1A 2HB  
Tel: +44 207 008 2187  
URL: http://www.gov.uk/fco | Current - This is an update of Offer_2013-019 | Feb 2015 | These Programmes are examples of cooperation and assistance that could be offered by the United Kingdom. The UK also contributes to programmes led by the European Union. Please contact the UK’s National Point of Contact with requests for assistance for consideration. |
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| United Kingdom        | Offer_2015_041 (24) | - Biorisk Management - Capacity Building / equipments | Project Title: Biosafety & Biosecurity Training Courses  
Department / Agency: Public Health England, Porton Down  
Details:  
PHE Training has dedicated facilities and staff who deliver established and bespoke courses with both theoretical and practical elements. We specialise in the provision of courses within the areas of biosafety and ACDP hazard group 3 pathogen handling and identification. Our containment level 3 (BSL-3) laboratories are also licensed for animal pathogens and we provide courses using live hazard group 3 agents. Our speakers are recognised experts in their fields and all courses can be accredited with the relevant professional bodies.  
Activities:  
1) Biosafety and Biocontainment training in dedicated training suites or on client premises  
2) Microbiological isolation and characterisation  
3)Identification & isolation of biological deliberate release agents  
4) Bacterial and viral Pathogenesis  
5) Bacterial & viral molecular and conventional diagnostic methods | Weapons Section  
Counter Proliferation and Arms Control Centre  
Zone 4.A.17  
Based in Ministry of Defense Whitehall  
London  
SW1A 2HB  
Tel: +44 207 008 2187  
URL: http://www.gov.uk/fco | Current - This is an update of Offer_2013_012 | Feb 2015 | These Programmes are examples of cooperation and assistance that could be offered by the United Kingdom. The UK also contributes to programmes led by the European Union. Please contact the UK’s National Point of Contact with requests for assistance for consideration. |
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| United Kingdom              | Offer_2015_04 0 (23) | Capacity Building/Emergency Response | Project Title: Specialist and bespoke CBRN use response/command and control training courses for first responders  
Department / Agency: Police National CBRN Centre, Ryton, UK  
Details: The Police National CBRN Centre (PNCRNC) is a business unit of the Home Office, Office for Security and Counter Terrorism CBRN unit (OSCT) from where it is funded and draws its current governance and direction. Its mandate was established as ‘becoming a centre of excellence in the development and delivery of a consistent UK-wide Police Service CBRN capability.’  
The Centre is responsible for developing and delivering national CBRN Responder, Specialist and Operational Command training for the UK Police Service, as well as providing joint national CBRN Tactical and Strategic Command training across the UK Emergency Services, including Specialist Military and Scientific support roles.  
PNCRNC UK is able to design, develop and deliver bespoke training programmes in support of approved UK national and international programmes. | Ms. Helen Walker  
Head of Chemical and Biological Weapons Section  
Counter Proliferation and Arms Control Centre  
Zone 4.A.17  
Based in Ministry of Defense Whitehall  
London  
SW1A 2HB  
Tel: +44 207 008 2187  
URL: http://www.gov.uk/fco | Current | Feb 2015 | These Programmes are examples of cooperation and assistance that could be offered by the United Kingdom. The UK also contributes to programmes led by the European Union. Please contact the UK’s National Point of Contact with requests for assistance for consideration. |
| United Kingdom              | Offer_2015_03 9 (22) | Confidence Building Measures        | Project Title: CBM Advice and Assistance  
Department / Agency: Defence Science and Technology Laboratory (Dstl), Porton Down  
Details: Over many years of preparing and submitting CBM returns, the UK has learned valuable lessons that have helped us improve our national process of information gathering and assimilation. The UK has participated in the provision of assistance to other States Parties in completing their CBMs, and remains prepared to share its practical experience on an informal, bilateral basis to help interested States Parties develop or refine their own processes for preparing and submitting CBM returns. Advice and assistance would normally be provided via email or telephone, and discussions would be conducted in English. | Ms. Helen Walker  
Head of Chemical and Biological Weapons Section  
Counter Proliferation and Arms Control Centre  
Zone 4.A.17  
Based in Ministry of Defense Whitehall  
London  
SW1A 2HB  
Tel: +44 207 008 2187  
URL: http://www.gov.uk/fco | Current | Feb 2015 | These Programmes are examples of cooperation and assistance that could be offered by the United Kingdom. The UK also contributes to programmes led by the European Union. Please contact the UK’s National Point of Contact with requests for assistance for consideration. |
| The 42 members of the Australia Group | Offer_2014_03 8 (21) | Governance Framework               | Project Title: Australia Group assistance to develop, review and maintain national export controls  
Department/Agency: N.A. The Australia Group (AG) is an informal network of 42 countries that consult on and harmonise their national export licensing measures on items which could be used in the production of biological or chemical weapons.  
Details: Export licensing and other measures instituted by individual AG members assist in implementing key obligations under the Biological Weapons Convention (BWC), as well as the Chemical Weapons Convention and UNSCR 1540. Adherence to AG control lists and guidelines helps prevent proliferation of chemical and biological weapons. | Australia Group Secretariat  
Arms Control and Counter-Proliferation Branch  
Department of Foreign Affairs and Trade  
RG Casey Building  
Barton, ACT, Australia  
AGassistance@dfat.gov.au | Current and ongoing | August 2014 | More information on the AG is available on the website: http://www.australiagroup.net/en/index.html |
proliferators from exploiting differences in national export control systems on dual-use biological agents, chemicals, and biological and chemical manufacturing equipment, technology and software. The AG recognizes that many States continue to require assistance in implementing their obligations under the BWC, and the important role of the BWC Implementation Support Unit in helping to facilitate such assistance. Consistent with the Final Document of the Seventh Review Conference (BWC/CONF.VII/7) which states that “States Parties are invited, individually or together with other states or international organizations, to submit on a voluntary basis to the Implementation Support Unit any requirements, needs or offers for assistance”, the AG desires to register its offer of assistance in this database. AG members would consider requests from States seeking assistance to develop, review and maintain national export, transit and transhipment controls to help prevent the proliferation of biological (and chemical) weapons. Such assistance would be provided on a voluntary, bilateral basis, by an individual AG member or a group of AG members.

| United States | Offer_2014_03 7 (20) | Capacity Building/ HR -Biorisk management | Project Title: Interagency International Food Defence Outreach  
Department / Agency: U.S. Department of Agriculture (USDA)  
Details:  
This outreach effort focuses on preventative measures taken to protect the food supply from intentional contamination by chemical, biological, or radiological agents that are unlikely to be naturally present. Specifically, measures covered by the outreach initiative include:  
• Educational tools to facilitate food defense awareness in the workplace  
• Identification of vulnerable points in food processes/systems  
• Development and application of mitigation strategies to reduce vulnerabilities identified  
• Creation and implementation of food defense plans to support prevention efforts and provide food sector entities with a response plan should an act of intentional contamination occur.  
• Provide a model, and encourage the development of effective joint investigations, partnering not only law enforcement and public health officials, but stakeholders from the food industry as well.  
This one-of-a-kind outreach initiative has been conducted in numerous countries to great success and welcomes additional opportunities to continue building capacity and sustainability for food defense globally. | ISN-BPS-DL@state.gov | Current | Feb 2014 |
| United States | Offer_2014_03 6 (19) | Capacity Building/ HR - Capacity Building / equipments | Project Title: Biomedical Advanced Research and Development Authority (BARDA) -International Influenza Vaccine Manufacturing Capacity Building Program  
Department / Agency: U.S. Department of Health and Human Services  
Details:  
The BARDA International Influenza Vaccine Manufacturing Capacity Building Program was established in 2006 with the objective to improve global pandemic preparedness by helping developing/under-resourced countries to build and operate in-country vaccine manufacturing facilities. BARDA utilizes an integrated three-pronged approach based on public-private partnerships. | ISN-BPS-DL@state.gov | Current | Feb 2014 |
partnerships to:
1. **Expand global vaccine manufacturing capacity.** BARDA, in partnership with the WHO through its Global Action Plan, supports the establishment of influenza vaccine manufacturing facilities for production of influenza vaccines. To date, thirteen manufacturers in twelve countries have received technical and financial support from BARDA to establish influenza vaccine manufacturing capacity.
2. **Ensure a skilled workforce that knows how to make vaccine.** In 2010, BARDA established vaccine manufacturing training programs with academic institutions in North Carolina and Utah for the technical staff from these developing country vaccine manufacturers. Over 200 scientists have now attended these comprehensive training programs.
3. **Provide in-country technical implementation assistance.** To ensure this workforce can implement the production skills in their own facilities, BARDA provides on-site follow-up technical support to the vaccine manufacturers in these developing countries. In 2013, BARDA partnered with PATH to provide targeted clinical trial and manufacturing technical support to developing country manufacturers with influenza vaccines nearing eligibility for licensure.

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<tr>
<th>Project Title: National Biosafety and Biocontainment Training Program</th>
<th>Details:</th>
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<tr>
<td>Department / Agency: National Institutes of Health (NIH) of the U.S. Department of Health and Human Services (USDHHS)</td>
<td>The program provides:</td>
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<tr>
<td>- Professional Certificate Programs for Biosafety and Biocontainment (B&amp;B) professionals, as well as for Operations and Maintenance (O&amp;M) personnel working in high containment facilities;</td>
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<tr>
<td>- Professional Development Courses</td>
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<td>- NBBTP Fellowships of 2-year professional training</td>
<td><a href="mailto:ISN-BPS-DL@state.gov">ISN-BPS-DL@state.gov</a></td>
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**United States**

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<tr>
<th>Project Title: Field Epidemiology Training Program (FETP)</th>
<th>Details:</th>
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<tr>
<td>Department / Agency: Center for Disease Control and Prevention of the U.S. Department of Health and Human Services (USDHHS)</td>
<td>CDC’s Field Epidemiology Training Programs (FETP) help countries build sustainable capacity for detecting and responding to health threats and develop expertise so disease outbreaks can be detected locally and prevented from spreading. CDC works with foreign Ministries of Health (MOHs) to establish applied (or field) epidemiology training programs modeled after CDC’s Epidemic Intelligence Service, an applied epidemiology training program created by CDC. FETPs are two-year full-time training and service programs. FETPs provide actionable information so public health workers use science and data to detect and monitor disease outbreaks and determine public health</td>
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**United States**

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<th>Project Title: Field Epidemiology Training Program (FETP)</th>
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<td>Department / Agency: Center for Disease Control and Prevention of the U.S. Department of Health and Human Services (USDHHS)</td>
<td>CDC’s Field Epidemiology Training Programs (FETP) help countries build sustainable capacity for detecting and responding to health threats and develop expertise so disease outbreaks can be detected locally and prevented from spreading. CDC works with foreign Ministries of Health (MOHs) to establish applied (or field) epidemiology training programs modeled after CDC’s Epidemic Intelligence Service, an applied epidemiology training program created by CDC. FETPs are two-year full-time training and service programs. FETPs provide actionable information so public health workers use science and data to detect and monitor disease outbreaks and determine public health</td>
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| United States | Offer_2014_03 3 (16) | Disease Surveillance / Detection | Project Title: Integrated Disease Surveillance and Response  
Department / Agency: Center for Disease Control and Prevention of the U.S. Department of Health and Human Services (USDHHS)  
Details: Both communicable and non-communicable diseases remain among the leading causes of death, illness and disability in African communities. Because of this, in 1998, the World Health Organization Africa Regional Office (WHO-AFRO) instituted Integrated Disease Surveillance and Response (IDSR). Through technical assistance and development of guidelines and tools, CDC’s IDSR Team works closely with the World Health Organization and African Ministries of Health towards developing strategies, approaches, and materials for designing, implementing, monitoring, and evaluating comprehensive disease surveillance systems.  
Activities:  
1) Improve public health surveillance and response systems for prevention and control of priority diseases at all levels of national health systems,  
2) Strengthen laboratory networks for laboratory confirmable diseases in support of IDSR,  
3) Respond to health threats in a timely manner by using surveillance and laboratory data for decision-making and public health actions, and  
5) Develop a WHO-led surveillance and informatics governance board for supporting countries in strengthening electronic dissemination of surveillance data and developing guidance for interoperability of multiple electronic disease surveillance platforms. | ISN-BPS-DL@state.gov | Current – This offer is an update of Offer_2012_009 | Feb 2014 | BWC_C&A_USA_2012 |
| United States | Offer_2014_03 2 (15) | Disease Surveillance / Detection | Project Title: Global Disease Detection Program (GDD) operation center  
Department / Agency: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention  
Details: The Center was established in 2006 and is recognized by WHO and other partners as one of the leading resources for successful protocols that track and identify “mysterious illnesses”, where disease etiology is unknown at the onset of the event. | ISN-BPS-DL@state.gov | Current – This offer is an update of Offer_2012_008 | Feb 2014 | BWC_C&A_USA_2012_01 |
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| United States | Offer_2014_03 | - Capacity building / HR - Disease Surveillance / Detection          | **Project Title:** Global Disease Detection Program (GDD)  
**Department / Agency:** Centers for Disease Control and Prevention (CDC) of the U.S. Department of Health and Human Services (USDHHS)  
**Details:**  
GDD core capacities include:  
- Training in field epidemiology and laboratory methods  
- Surveillance and response for emerging infectious disease threats  
- Assistance with pandemic influenza preparedness  
- Promotion of zoonotic disease investigations and control efforts  
- Risk communications and emergency preparedness  
- Laboratory biosafety and improved laboratory systems  
GDD Centers work within the region to develop local ability to detect and respond effectively to both known and unknown disease events with the potential for international spread. GDD activities are conducted in alignment with Article 44 of the IHR, which directs State Parties to collaborate with each other to detect, assess, and respond to events, and to develop, strengthen, and maintain public health capacities. GDD Centers also function as members of the Global Outbreak Alert Response Network (GOARN) during emergencies. | ISN-BPS-DL@state.gov | Current – This offer is an update of Offer_2012_007 | Feb 2014 | BWC_C&A_USA_2012_01 |
| United States | Offer_2014_03 | - Disease Surveillance / Detection - Emergency Response              | **Project Title:** U.S. Department of Agriculture Programs (USDA)  
**Department / Agency:** U.S. Department of Agriculture (USDA)  
**Details:**  
American agricultural resources and expertise play a significant role in increasing global food security by promoting technology- and science based solutions and capacity-building activities in other countries. A cornerstone of this concept is enhanced coordination between the agriculture and public health sectors for disease surveillance, detection, and control. Agricultural organizations play a direct role in public health, especially to mitigate veterinary diseases and ensure the health fullness of agricultural practices and products. The programs are actively engaged in promoting enhanced food security by training local populations in state-of-the-art techniques, helping village populations develop local food supply chains from producer to consumer, and teaching local populations how to restore their water sheds. USDA has programs in disease detection and surveillance, disease exclusion, animal disease information systems, and emergency response. We deliver technical expertise through, just to name a few, our Centers for Epidemiology and Animal Health, the National Surveillance Unit, the National Veterinary Services Laboratory and the | ISN-BPS-DL@state.gov | Current – This offer is an update of Offer_2012_006 | Feb 2014 | BWC_C&A_USA_2012_01 |
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Project Title: The Agricultural Research Service (ARS)  
Department / Agency: U.S. Department of Agriculture (USDA)  
Details:  
- Global disease surveillance initiatives for plants and animals  
- Support disease surveillance programs  
ARS is actively engaged in implementing research programs that support global disease surveillance initiatives for plants and animals, including emerging diseases and zoonotic agents that pose a threat to human health. ARS research programs support disease surveillance initiatives in several U.S government departments and agencies such as the Animal and Plant Health Inspection Service, the U.S Centers for Disease Control and Prevention, and the Department of State Biosecurity Engagement Program. In addition, ARS actively collaborates with international partners worldwide on research projects dedicated to support disease surveillance programs. ARS is one of the founding members of the Global Foot-and-Mouth Disease Research Alliance (GFRA), which has as its primary mission to support the United Nation’s Food and Agricultural Organization (FAO) and World Organization for Animal Health (OIE) global efforts to control and eradicate FMD. | ISN-BPS-DL@state.gov | Current – This offer is an update of Offer_2012_005 | Feb 2014 | BWC_C&A_USA_2012_01 |
| United States | Offer_2014_02 8 (11) | - Capacity Building / HR - Disease Surveillance /Detection - Coordination | Project Title: The Global Emerging Infectious Surveillance Program (GEIS)  
Department / Agency: DOD’s Armed Forces Health Surveillance Center (AFHSC)  
Details:  
The AFHSC GEIS program contributes to the global community through an integrated worldwide emerging infectious disease surveillance system. Many worldwide surveillance and public health activities are supported annually. Recent emphasis has been on standardizing laboratory and reporting methods, expanding military to military engagements, and fusion of surveillance activities into those of the hosting nations, thus enhancing inherent in-country public health capacity. Ensuring global health security and supporting compliance with IHRs (2005). In 2014, GEIS will partner with 69 countries to provide medical diplomacy. Capacity building, training, and communication among partners and with international public health offices are important dimensions to the program. The majority of public health activities are performed through the Department of Defense overseas laboratories in Egypt, Kenya, Thailand, Peru, Georgia and Cambodia, as well as US Army, Navy and Air Force reference laboratories in the United States. | ISN-BPS-DL@state.gov | Current – This offer is an update of Offer_2012_004 | Feb 2014 | BWC_C&A_USA_2012_01 |
| United States | Offer_2014_02 7 (10) | - Capacity Building / HR - Disease Surveillance /Detection | Project Title: Emerging Pandemic Threats (EPT)  
Department / Agency: U.S. Agency for International Development (USAID)  
Details:  
The EPT program emphasizes early identification of and response to dangerous pathogens in animals before they can become significant threats to human health. The EPT program draws on expertise from across the animal- and human-health sectors to build regional, national, and local capacities for early disease detection, laboratory based disease diagnosis, rapid disease response and containment, and risk reduction. EPT emphasizes five key areas: wildlife pathogen detection, risk determination, institutionalization of a ‘one health’ approach, outbreak response capacity and risk reduction. The EPT program consists of four projects known as PREDICT. | ISN-BPS-DL@state.gov | Current – This offer is an update of Offer_2012_003 | Feb 2014 | BWC_C&A_USA_2012_01 |
RESPOND, IDENTIFY, and PREVENT. Through PREDICT, USAID and partners monitor for and increase local capacities in geographic “hot spots” to identify the emergence of new infectious diseases in high-risk wildlife, such as bats, rodents, and non-human primates, that could pose a major threat to human health.

RESPOND is a project that twins schools of public health and veterinary medicine in the “hot spot” regions with U.S. counterpart institutions to strengthen the capacities of countries to train cadres of professionals in field epidemiology in order to identify and respond to disease outbreaks in a timely and sustainable manner. This project develops outbreak investigation and response trainings that merge animal- and human-health approaches toward a comprehensive capacity for disease detection and control.

The IDENTIFY project represents a USAID partnership with the World Health Organization, the U.N. Food and Agriculture Organization and the World Organization for Animal Health. The project aims to help develop laboratory networks and strengthen diagnostic capacities in geographic “hot spots”.

The PREVENT project builds upon USAID’s ongoing H5N1 avian influenza efforts to identify behaviors and practices that increase the potential for new disease threats of animal origin to spread. PREVENT activities include the formulation of strategies for effective behavior change and communication approaches that address the challenges posed by emerging pandemic disease threats USAID’s existing DELIVER project supports the EPT program by providing commodity procurement and logistics assistance for emerging pandemic threats.
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| United States | Offer_2014_02 5 (08) | Disease surveillance /Detection - Biorisk Management - Research | **Project Title:** Biosecurity Engagement Program (BEP)  
**Department/Agency:** U.S. Department of State  
**Details:**  
- The program provides assistance across the following areas:  
  - **Biosafety/Biosecurity:** Improve laboratory biosafety and biosecurity through technical consultations, risk assessments, and training courses; build the human capacity and internal expertise to create a sustainable culture of laboratory biorisk management.  
  - **Disease Detection and Control:** Strengthen the capacity for public health and veterinary health systems to detect, report, and control infectious disease outbreaks.  
  - **Cooperative Research and Development:** Enhance global health security and foster safe, secure, and sustainable bioscience capacity through joint scientific collaborations designed to help prevent and detect biological threats.  
**Contact:**  
- ISN-BPS-DL@state.gov  
**Status:** Current – This offer is an update of Offer_2012_001  
**Date Added:** Feb 2014  
**Additional Information:** BWC_C&A_USA_2012_01 |
| United States | Offer_2013_02 4 (07) | Confidence Building Measures | **Department/Agency:** U.S. Department of State  
**Details:**  
- The United States has learned many lessons as its CBM process has evolved, and remains ready to share those lessons with States Parties developing or refining their own processes for preparing CBM returns. The U.S. Department of State can share best practices with Parties on an informal, bilateral basis.  
- Discussions could include how to work effectively with relevant ministries to gather CBM information, what types of information are needed for each form, and other topics of particular interest to requesting Parties.  
- Discussions can take place in English, via phone or email, on a recurring basis as needed. In-person meetings may be possible on a limited basis.  
**Contact:**  
- Meg L. Flanagan, Ph.D.  
  - Microbiologist  
  - Biological Policy Staff  
  - U.S. Department of State  
  - +1-202-647-9975  
  - flanaganml@state.gov  
**Status:** Current  
**Date Added:** Dec 2013 |
| Canada        | Offer_2013-023 (06) | Confidence Building Measures | **Project Title:** Virtual CBM Assistance  
**Department/Agency:** Department of Foreign Affairs, Trade and Development  
**Details:** CBM Forms can be challenging for a State Party to complete, especially for its initial declaration. While a certain degree of support is presently available, including from Canada (2004) and the European Union (2009), additional support, which would contribute to Article X implementation, is warranted.  
- One such approach is to encourage bilateral cooperation on CBMs and the provision of assistance remotely, using the national point of contact list found on the restricted ISU website. Questions and answers, as well as experiences and best practices can easily be shared by phone or e-mail.  
- As a result, Canada offers to provide bilateral cooperation/assistance to States Parties wishing to complete their first CBM submissions.  
**Note:** Cooperation and assistance on CBMs can be offered in English and French  
**Contact:**  
- C. Andrew Halliday  
  - Biological Weapons Policy Analyst  
  - Non-Proliferation and Disarmament Division  
  - Department of Foreign Affairs, Trade and Development  
  - Phone: +1-613-944-5103  
  - Email: christopherandrew.halliday@international.gc.ca  
**Status:** Current  
**Date Added:** July 2013 |
| France        | Offer_2013- | Bio-safety                           | **Project Title:** Cooperation in the field of Bio-safety and bio-security  
**Contact:**  
- Mr. Manuel BUFALA  
**Status:** Current  
**Date Added:** May |
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| France| Offer_2013-022 (05) | and bio-security | Department/agency: Ministry of Defence / Ministry of Foreign Affairs  
Details: The programme provides assistance across the following areas:  
- Secure and account for materials that represent biological proliferation threats;  
- Develop and maintain appropriate and effective measures to prevent, prepare for and respond to the deliberate misuse of biological agents;  
- Strengthen national networks to rapidly identify, confirm and respond to deliberate biological attack;  
- Promote export control and vigilance regarding access to sensitive curricula;  
- Promote a common culture of bio-security and bio-safety, including advancement and promotion of responsible conduct in the biological sciences. | Directorate for Strategic Affairs, Security and Disarmament  
Ministry of Foreign Affairs  
Tel : +33 1 43 17 43 09  
manuel.bufala@diplomatie.gouv.fr | Current  | May 2013                   |                                                                                                                                          |
| France| Offer_2013-021 (04) | Governance framework | Project Title : Regulatory assistance to ensure the non-malevolent use of pathogens  
Department/agency: Inspection Division / French National Agency for Medicines and Health Products Safety (ANSM)  
Details: The program provides training and assistance across the following areas:  
- Implementation of a legal framework for the detention and transfer of pathogens  
- Development of bio-security and bio-safety national regulation, including good practice of bio risk management  
- Safety and security assessment and inspection of biological laboratories and other sensitive installations  

The French National Agency for Medicines and Health Products Safety (Agence nationale de sécurité du médicament et des produits de santé – ANSM), was created by the Law of 29 December 2011. The ANSM conducts expert assessment of healthcare products and acts as a decision-making body in the field of sanitary regulation. | Mr Manuel BUFALA  
Directorate for Strategic Affairs, Security and Disarmament  
Ministry of Foreign Affairs  
Tel : +33 1 43 17 43 09  
manuel.bufala@diplomatie.gouv.fr | Current  | May 2013                   |                                                                                                                                          |
| France| Offer_2013-020 (03) | Laboratory capacity building for threat detection | Project title: Laboratory network on infectious diseases  
Department/agency: Institut Pasteur as part of the Episouth Plus project  
Details: As part of the Episouth project, a regional Laboratory Network is being established with selected laboratories to support the priority diagnostic needs and to facilitate the interaction with public health institutions and officials based on national reference laboratories, and the Institut Pasteur Network. Its objective is to facilitate common threats detection based on available resources in Mediterranean and South East Europe by mapping them, assessing their diagnostic and confirmation capacity, facilitating rapid access to laboratory facilities, interacting with public health institutions and officials based at the national reference laboratories in the participating countries.  
The programme provides assistance across the following areas: | Mr Manuel BUFALA  
Directorate for Strategic Affairs, Security and Disarmament  
Ministry of Foreign Affairs  
Tel : +33 1 43 17 43 09  
manuel.bufala@diplomatie.gouv.fr | Current  | May 2013                   |                                                                                                                                          |
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|       |              |       | - Identify priority areas of action (pathogens and corresponding diseases);  
|       |              |       | - Organise experts meeting to identify criteria for selection of the regional laboratories and make links with the existing Networks of laboratories;  
|       |              |       | - Identify the laboratories corresponding to the identified criteria, and interested in contributing to the EpiSouth initiative;  
|       |              |       | - Identify the needs of laboratories in terms of diagnostic capacity for priority diseases in the region: human, technical and organizational;  
|       |              |       | - Develop a comprehensive training program for capacity building and implement training activities in this framework;  
|       |              |       | - Explore the possibility of a sharing process of laboratory samples and reagents. |

The Institut Pasteur is a non-profit private Foundation. For 120 years, it has been contributing to the prevention and treatment of infectious diseases through research, teaching and public health initiatives. It also has an international network which currently counts 32 members spread over the five continents.

The EpiSouth Network was established among countries of South-East Europe, North Africa and Middle-East to create a framework of collaboration on epidemiological issues for enhancing communicable diseases surveillance and control of public health risks through communication, training, information exchange and technical support to countries in the Mediterranean region.

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| Canada | Offer_2012-018 (02) | - Governance Framework | Project Title: Legislative assistance to ensure the non-proliferation of CBRN weapons and related materials in Latin America and Southeast Asia  
Department/Agency: The Global Partnership Program’s UNSCR 1540 Programming unit at Foreign Affairs and International Trade Canada is working to address requests for assistance received mainly via the 1540 committee to support countries in the implementation of binding obligations under UNSCR 1540. Projects help enforce effective measures against the proliferation of weapons of mass destruction, their means of delivery, and related material and include capacity building exercises and equipment, training, and the development of legal and regulatory frameworks.  
VERTIC is an independent, non-profit making organization located in London, United Kingdom. VERTIC’s National Implementation Measures (NIM) Programme was developed to assist States in understanding what measures are required at the national level to comply with obligations in a wide range of nuclear, chemical and biological weapons treaties and UN Security Council resolutions and how to implement them. (The views expressed by VERTIC do not necessarily reflect those of its funders.)  
Details: VERTIC’s National Implementation Measures (NIM) Programme | Nataly Spears  
Program Officer – UNSCR 1540 Programming  
Global Partnership Program  
Foreign Affairs and International Trade Canada  
E-Mail: nataly.spears@international.gc.ca | Current Region: Latin America and Southeast Asia | Dec 2012 |
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| Germany | Offer_2012_01 4 (01) | - Biorisk management  
- Capacity Building / HR | **Project Title:** Medical Biodefense Conference, Munich  
**Department/Agency:** Ministry of Defence, Bundeswehr Institute of Microbiology, Munich  
**Details:**  
- biennial, international scientific conference (16th conference in 2018)  
- focus on medical aspects of Biodefense  
- presentation of latest and new developments and products in the fields of diagnosis, therapy and prevention of diseases caused by dangerous pathogens  
- pathogen-related workshops  
- presentation of protection technologies  
- informations on all important and relevant aspects such as new threats, bioforensics, new drugs/anti-infective substances, new vaccines, mobile diagnostics/reconnaissance, diagnostic techniques, detection technologies, surveillance, risk assessment, deployable laboratories and outbreak investigations/management | Col Prof. Dr. Lothar Zöller,  
Bundeswehr Institute of Microbiology,  
Neuherbergstr. 11  
80937 Munich  
Germany  
+49-89-992692-3980/3981  
InstitutfuerMikrobiologie@Bundeswehr.org,  
LotharZoeller@Bundeswehr.org | Current | Dec 2012 |