Selected International Programs–College of Veterinary Medicine 2011

Study Abroad
http://vetmed.iastate.edu/outreach/international-programs/summer-2011
http://vetmed.iastate.edu/outreach/international-programs/summer-2012
Over 126 (48 in summer 2010 and 78 in summer 2011) students from the Veterinary College obtained national and international experiences at tribal locations and five different countries to expand student perspectives in cultural diversity. The CVM also has student and faculty exchanges.

The Swine Medicine Education Center (SMEC) - Outreach and Education
http://vetmed.iastate.edu/SMEC
The Swine Medicine Education Center (SMEC) is a national and international training Center of Excellence in Swine Veterinary Medical Education. Within the first 6 months, 17 international veterinarians (Philippines, Argentina, Mexico, Australia, Netherlands, Romania, Spain, Denmark, Thailand) have been trained. The VDPAM department also provides consultation and programs to establish best practices in diagnostic and production medicine for several species in a number of foreign countries.

Veterinary Biologics Training Program
http://www.cfsph.iastate.edu/IICAB/
This program is offered annually by the Institute for International Cooperation in Animal Biologics (IICAB) that works to improve the availability, safety, efficacy and use of veterinary biologics (vaccines and diagnostics) throughout the world. The program has been offered for the past 16 years, with more than 1600 participants from the U.S. and 80 countries, in cooperation with the CVM, USDA, and ISU.

College of Veterinary Medicine Global Parasitology Group
http://vetmed.iastate.edu/research/labs/petersenandjoneslab
The global parasitology group works on research, outreach and education, including immunologic research for treatment and prevention, in collaboration with numerous colleges and universities. A focus is Leishmaniasis; a zoonotic disease of people and dogs, leading to fatal disease in both in 89 countries. The group, in collaboration with colleagues in Brazil, has demonstrated the critical bond of people with their dogs resulting in new preventative measures for the national public health approach to controlling Leishmaniasis, and additional collaborative research in Spain, Ethiopia and India.

CFRD, World Learning and the Department of State Iraq Science Fellowship Program (ISFP):
This program supports visiting science fellows from the Middle East in a collaborative research program to strengthen veterinary diagnostic medicine and develop fundable and sustainable strategies that will benefit human and animal health with regard to zoonotic Brucellosis and Tuberculosis.

Collaborations - Food Animal Research, Education, Outreach
- Developing beef and dairy production medicine and welfare programs, Serbia
- Expertise in beef production to farmers and veterinarians, Afghanistan.
- Establishing modern swine production advancing swine diagnostic medicine and clinical veterinary practice, Nigeria, Taiwan, China, Thailand.
- Advancing diagnostic medicine, Montenegro, Brazil.
- Animal welfare programs, Canada.
- Small ruminant production and health, Ethiopia, Sudan, Kenya and Djibouti.
- Surveillance programs for B. melitensis, Afghanistan, China, and Pakistan.
- Risk assessment, Harbin Veterinary Research Institute, China
- The use of systematic reviews and research synthesis in food safety policy; EU consortium with ISU-CVM from Bangor University in Wales, Aarhus University in Denmark, University of Guelph in Canada, University of South Hampton of England, and York Health Economics Consortium at the University of York in England
- Graduate Certificate of Preventive Veterinary Medicine- U.S. and International
- International Association of Food Protection; International Society for Veterinary Epidemiology and Economics; WHO Collaborating Center for Risk Assessment and Hazard Identification in Foods of Animal Origin; International Pig Veterinary Society Congress; International Society for Applied Ethology; International Organization for Mycoplasmolagy
Additional Research Collaborations– Disease Prevention and Vaccinology

- Collaboration on Clostridium difficile infection in pigs, Perth, Western Australia
- Investigation of preventive methods for poultry necrotic enteritis, Germany
- Crystalline structure of PETX, Birkbeck College, London
- Pathogenesis and epidemiology of Clostridium perfringens type A disease in piglets, Guelph, Ontario
- Mosquito-transmitted viruses: dengue virus, West Nile virus and Cache Valley virus, on human and veterinary animal health in Mexico, Universidad Autonoma de Yucatan in Merida, Mexico and the Universidad Autonoma de Nuevo Leon in Monterrey, Mexico
- Mycoplasma hyopneumoniae – pathogenesis, diagnostic tests, and vaccines, China Agriculture University, Beijing, China; University of Technology, Sydney, Australia
- Rapid inactivation of vial pathogens in milk and colostrum, University of Las Palmas de Gran Canaria (ULPGC), Spain

Education/Outreach – Center for Food Security and Public Health

- An Emerging and Exotic Diseases of Animals course and web-based resources are available in Spanish for veterinary students, graduate veterinarians, and animal health professionals; currently offered in Chile, Panama, Dominican Republic and Peru
  http://www.cfsph.iastate.edu/DiseaseInfo/index.php
- Compendium of Vaccines for Transboundary Animal Diseases is a listing of almost 525 vaccines from 138 manufacturers in 70 countries covering 39 transboundary animal diseases
  http://www.cfsph.iastate.edu/Vaccines/index.php

Companion Animal/Miscellaneous Species Networks and Consortiums

- International Society for Companion Animal Infectious Disease
- International Equine Ophthalmology Consortium
- International Spay-Neuter Network
- International Veterinary Orthopedic Academy
- International Society of Musculoskeletal Shock Wave Therapy; Advisory Board
- World Aquatic Veterinary Medical Association

Neuroscience Affiliations

- International Brain Research organization
- International Society for Neural Control of Movement
- International Society for Research on Cerebellum
- International Brain Research Organization
- International Neurochemistry Society
- International Neurotoxicology Association

MOU/MOAs for student and faculty exchanges

- Cavite State University College of Veterinary Medicine and Biomedical Sciences, Philippines Central Luzon State University College of Veterinary Science and Medicine, Philippines
- Tarlac College of Agriculture Institute of Veterinary Medicine, Philippines
- China Agricultural University College of Veterinary Medicine People's Republic of China, (Beijing)
- Jordan University of Science and Technology, Jordan (Irbid)
- National Council for Science and Technology (CONACYT), Mexico
- Norwegian School of Veterinary Science (NVH), Norway (Oslo)
- Pampanga Agricultural College Institute for Veterinary Medicine and Zootechnics, Philippines
- Ross University, St. Kitts, West Indies (Basseterre)
- St. George's University School of Veterinary Medicine, Grenada
- Szent Istvan University Faculty of Veterinary Medicine, Hungary (Budapest)
- Trakia University Faculty of Veterinary Medicine, Bulgaria (Stara Zagora)
- Veterinary Curriculum Project: Universidad Complutense de Madrid; Spain (Madrid) Universita Degli Studi di Padova; Italy (Padova); University of Bari Italy (Bari); Universiteit Gent / Belgium (Ghent)
- University of Glasgow, United Kingdom (Glasgow, Scotland)