

Purdue University Graduate Certificate Program in Veterinary Homeland Security

Presenter: Sandra Amass, Purdue University

Co-Presenter: Marianne Ash, Indiana State Board of Animal Health

Session: Oral

Date/Time: Monday, April 23; 2-3PM

This is a web-based, graduate level distance-learning program for individuals involved in animal emergency response. The courses are tailored to professionals, graduate students, and veterinary students. Individuals with expertise in veterinary medicine, public health, animal science, or homeland security are encouraged to participate. Participants will enhance their understanding of natural and intentional threats to animal health, strengthen their skills in management of animal-health emergencies, and develop problem-solving expertise to become effective members of an animal emergency response team. Students receive graduate credit from Purdue University that can be used towards the certificate and towards an advanced graduate degree. To complete the certificate, students must complete six required courses: Introduction to Veterinary Homeland Security, High Consequence Disease Review: Zoonotic, Defining the Threat, Understanding Response, Biosecurity for Veterinary Responders, and The Veterinarian's Role in Community Planning. Then, the students select 4.5 credits of elective courses from the following: High Consequence Disease Review in Multiple Species, Bovine, Equine, Swine, Minor Species, and/or Avian, Euthanasia and Carcass Disposal, Food Borne Illnesses, GIS Applications in Veterinary Emergency Management, Managing an Emergency, Crime Scene Management, and Radiological Events: Implications for Animal and Food Safety. The program is a collaborative effort among Purdue University School of Veterinary Medicine, Purdue University Homeland Security Institute, Indiana State Board of Animal Health, and the Indiana State Police. Currently, 46 students from 21 states and 2 countries are enrolled. More information about the program and courses can be found at: www.BiosecurityCenter.org.

Biography:

Dr. Sandy Amass is an Associate Professor of Swine Production Medicine at Purdue University's School of Veterinary Medicine. She is also the Director of the National Biosecurity Resource Center, the Associate Director of the Purdue Homeland Security Institute, and the interim Associate Director of the e-Enterprise Center at Purdue University's Discovery Park. Dr. Amass earned her Bachelor of Arts degree from Gettysburg College. She then earned a DVM, MS and PhD from Purdue University. Dr. Amass is a Diplomate of the American Board of Veterinary Practitioners in Swine Health Management. Dr. Marianne Ash is the Director of Biosecurity and Emergency Programs at the Indiana State Board of Animal Health and Adjunct Professor of Veterinary Clinical Sciences at Purdue University. Dr. Ash received her Bachelor of Science degree from Northwestern University and completed a DVM at the Purdue University School of Veterinary Medicine. Dr. Ash is a Diplomate of the American College of Veterinary Preventive Medicine.
