

Education and Outreach

Through its Education and Outreach theme, the Institute for Infectious Animal Diseases develops graduate programs, early responder training, K-12 education and stakeholder workshops to provide the next generation workforce for agriculture, public health and homeland security.

YOUTH EDUCATION

Veterinary Science Certificate Program (VSCP)

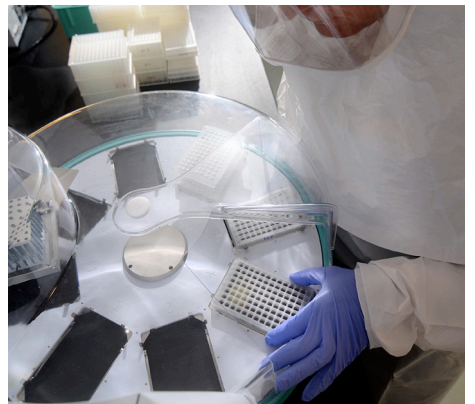
VSCP offers a sound platform in veterinary science for students who wish to pursue an associate, undergraduate, graduate or professional degree related to the veterinary discipline. The Program's curriculum integrates and includes core sciences, clinical medicine, One Health and laboratory science. Future tracks include business development. The Program provides students with the knowledge, motivation and skills necessary to pursue their educational and career goals and affords them the opportunity to obtain certification through the Texas Veterinary Medical Association.



HIGHER EDUCATION

Internship Programs

The Undergraduate Internship Program is available for junior and senior undergraduate students majoring in science, technology, engineering and mathematics (STEM) and agricultural education and sciences. The Veterinary Internship Program is available for veterinary students interested in furthering their knowledge and competencies in the areas of public health, education, outreach and extension. Selected interns will be matched with an IIAD scientist, educator or agricultural Extension mentor for a paid 10-week summer internship to gain hands-on experience while working on projects related to the detection, control and mitigation of high-consequence, transboundary animal diseases.



From Bench to Shop

The Scientific Business Development and Management Program enables academic researchers to develop the business management and legal skill sets to plan, execute, evaluate and transition a Transboundary Animal Disease Research and Development technology from development to the global marketplace. This international program aims to help graduate students, post-doctoral fellows and early career faculty understand the business regulations, federal and international processes and research requirements for commercializing research.





Since the Institute's founding in 2004, the Education and Outreach programs have grown significantly on a national and global level:

- VSCP reaches more than 30,000 students annually.
- More than 275 students have participated in internships.
- Professionals in more than 23 countries have received training.

INTERNATIONAL TRAINING

International Epidemiology & Surveillance Training Program

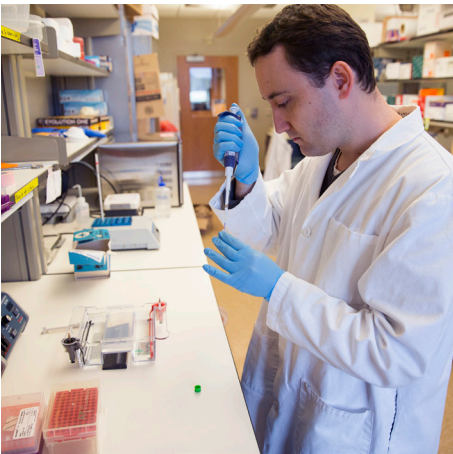
The International Epidemiology & Surveillance Training Program provides experience in developing epidemiological and surveillance skills for transboundary, emerging and zoonotic diseases and is available to veterinarians, epidemiologists and individuals. Each module in the program includes learning objectives, PowerPoints for lecture, case studies, exercises, pre- and post-evaluation instruments, and module evaluation.

International Laboratory Training Program

The International Laboratory Training Program provides trainees with foundational information and skills to support veterinary diagnostics. Available courses include the Laboratory Management short course, which provides foundational information and skills to support laboratory management, and the Introductory Bioinformatics short course, which provides mid-career international veterinary scientists with foundational skills for the interpretation of bioinformatics information. The program consists of face-to-face, online and independent study courses.

International Certification Program for Veterinary Paraprofessionals

This project is working to develop internationally endorsed paraprofessional standards and recommendations for veterinary laboratory technicians along with public and animal health technicians. It aims to develop a capacity building model for certification of a paraprofessional in World Organization for Animal Health Member Countries and determine competencies and curriculum topics to address viral, parasitic, bacterial, toxic and other animal diseases.



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