2013 Texas Extension Specialists Association Annual Meeting

Successful Grantsmanship in National Education Workforce Projects

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Texas A&M AgriLife Extension Service
National Center for Foreign Animal and Zoonotic Disease Defense
Texas A&M System
“A Boom!” “An Explosion!”

National Veterinary Workforce Development Programs:
”for career development in animal health employment”
Texas A&M AgriLife Extension Service

- Collaborator Texas Animal Health Commission
- Professional development programs (2004-Present)
  - Targeted audience
    - Texas Extension personnel
    - Texas local emergency management personnel
    - Texas local animal issues committees
  - Subject matter
    - Emergency management during animal disasters
    - Model animal issues plans
Department of Homeland Security (DHS)

- Science and Technology Directorate (S&T) Office of University Programs (OUP)
  - Centers of Excellence – engage academic community to deliver tools, technologies, knowledge products, training
  - Education Programs – educate individuals in STEM related careers
  - Minority Serving Institutions – ensure face of America in STEM workforce
National Center for Foreign Animal and Zoonotic Disease Defense – TAMUS

- Requests for Proposal (RFP) (2004-2009)
  - Curriculum/workforce development
  - Train-the-trainer programs
- Successful AgriLife Extension grants – collaborative national curriculum development
  - Budgeted PIs & Co-PIs
    - Extension Veterinary Medicine
    - Extension AgriLife Communications
    - Extension Ag Education
Foreign Animal and Zoonotic Diseases Handbook
Train-the-Trainers Curriculum for Educators

A Department of Homeland Security Center of Excellence
Quick Facts about Foreign and Endemic Animal Diseases
GENERAL BIOSECURITY
for Livestock and Poultry Producers
FAZD CENTER
Foreign Animal and Zoonotic Diseases Trainer Curriculum (V 2)

Foreign Animal and Zoonotic Diseases course is a reference for training federal, state and local educators and officials and private veterinarians in emergency preparedness and response.

This course is currently under review, but should be available to students in April 2013.

EDEN Animal Agsecurity and Emergency Management

Teacher: Andrea Higdon
Teacher: Ricky Yeargan

The primary target audience for the EDEN Animal Agsecurity and Emergency Management course is Extension educators. EDEN believes that producers, emergency responders, government officials, and other animal agriculture stakeholders can benefit from the information in this course as well. The estimated time to complete the entire course is eight hours, but the course does not have to be completed in one session.

The Extension Disaster Education Network (EDEN) is a collaborative multi-state effort by Extension Services across the country to improve the delivery of services to citizens affected by disasters.

ENROLL in this course.

Farm Security

Teacher: Virginia Morgan
Teacher: Jerri Caldwell Hammonds
Teacher: Pamela King

Is your farm or ranch protected against criminal activities? How about disasters such as fire or flood? The measures to take to protect your land and property from crime and natural disaster are similar and well worth the effort to put in place. This course shows you how. Through examples, activities, and quizzes, you will build a plan to fit your operation. Start the course now to make sure your operation is protected!

If you have any questions concerning this course, please contact: Virginia Morgan morganv@auburn.edu

Foreign and Emerging Animal Diseases

Teacher: Florian Faries

This online course is directed at emergency preparedness and response to exotic and engineered animal diseases that threaten public health and economic stability. To register and get the enrollment key for this course go to:

https://agriferegister.tamu.edu/events/online_courses.cfm
Foreign Animal and Zoonotic Diseases

Introduction
- Learn More About this Curriculum
- Tell Us About You - Required
- Take a Pre-Test - Required
- Evaluate Your Knowledge Before Beginning - Required

Topic 1
Potential Occurrences of Foreign Animal Diseases
- Print a Handout for Taking Notes on Potential Occurrences of Foreign Animal Diseases
- Read about Potential Occurrences of Foreign Animal Diseases
- Read about Potential Occurrences of Foreign Animal Diseases
- Watch a Video Presentation on Potential Occurrences of Foreign Animal Diseases (+/-15 minutes)
- Instructor Guide on Potential Occurrences of Foreign Animal Diseases
- Instructor Slides for Presentation on Potential Occurrences of Foreign Animal Diseases
- Check What You've Learned

Topic 2
Epidemiology of Animal Diseases
- Print a Handout for Taking Notes on Epidemiology of Animal Diseases
- Read about the Epidemiology of Animal Diseases
The Foreign and Emerging Animal Diseases Online Course is a train the trainer course for local educators such as county extension agents. Learners who have completed the course can develop opportunities to train others who can continue this educational process in their communities. Through this network, our ability to detect and report animal diseases quickly will be enhanced.

This course is broken into chapters that will help educators develop a more complete understanding of foreign and emerging animal diseases from potential occurrences to the epidemiology to learning about various diseases as well as best management practices and response plans. The course also provides insight on media communications and teaching effectiveness.

All materials for conducting training including a handbook with background information and notes for an accompanying power point presentation are available from the Texas AgriLife Extension Service Bookstore at http://agrilifebookstore.org/
“A Boom!” “An Explosion!”

“career development for the veterinary paraprofessional”
Texas A&M AgriLife Extension Service

- Collaborator Dept AgEd/IMS
- Curriculum development (1993-2010)
  - Targeted audience
    - Texas high school & 4-H students
  - Subject matter
    - Veterinary assistant
VETERINARY ASSISTANT HANDBOOK

FLORENCE C. FALIES, JR.

INSTRUCTIONAL MATERIALS SERVICE
TEXAS A&M UNIVERSITY
FIRST EDITION
“A Boom!” “An Explosion!”

“career development for the veterinary paraprofessional”
National Center for Foreign Animal & Zoonotic Disease Defense – TAMUS

- Requests for Proposal (RFP) (2010-2013)
  - Curriculum/workforce development
  - Train-the-trainer programs
- Successful AgriLife Extension grants – collaborative national curriculum and apprenticeship development
  - Budgeted PIs & Co-PIs
    - Extension Veterinary Medicine
    - Extension AgriLife Communications
    - Extension Ag Education
“A Boom!” “An Explosion!”

Veterinary Science Certificate Program for 4-H and High School Students Across the Nation: “career development for the veterinary paraprofessional”
Before You Get Started Please Do the Following ....

☐ Please tell us about you and how you are going to use these resources. (REQUIRED)
☐ Read this Overview Guide for Teacher Resources (REQUIRED)

Teacher Resources

- Curriculum Guide for the Veterinary Assistant Curriculum
- Teacher Key for Grading Answers to Questions in Lessons
- Video Presentations for Classroom Instruction
- Webinar Recordings
- Notetaking Handouts for Slides
- Slides for Use in Classroom Questions
- Activities
- Grade Sheet
- Log Sheets
- Waivers and Forms
Veterinary Science Certificate Program

The preparatory training for the veterinary assistant provides students with the knowledge, motivation, and skills necessary to pursue their educational and career goals. This program also provides a sound platform for students who wish to pursue an associate, undergraduate, graduate, or professional degree in the veterinary sciences. Open to students at participating high schools, 4-H programs, and also as an independent self-study program.

http://aevm.tamu.edu
Successful Grantsmanship

- Response to a public need of high priority – Boom!
- Career development for a targeted workforce
- Curriculum and apprenticeship development
  - Career-oriented curriculum
  - Job-trained apprenticeship
  - National transition
- Appropriate grant writing
  - Objective Statement
  - User Needs and Priority
- Background and Significance
- Research Design and Methods
- Milestone Chart
- Deliverables/End Product
- Technology Transition Plan
- Plan of Work
- Budget (Collaborators Support Accounts)
- Business Plan – Sustainable
- Service-Oriented (Teacher and 4-H Leader Training)
2012 Training Conferences

- Texas
- Arkansas
- Florida
- Ohio
- New Mexico
- NAAE
2013 Training Conferences

- Iowa
- Ohio
- Delaware
- Oregon
- Colorado
- Illinois
- Arizona
- AVMA
- North Carolina
- South Carolina
- Texas
- Pennsylvania
- NAAE
Questions