NBAF workforce development (Kansas State)

Bob Rowland
October 24, 2015
Providence, RI
North American PRRS Symposium
PRRS, Emerging and Foreign Animal Diseases of Swine

Dec. 5 and 6, 2015
Intercontinental Hotel, Chicago

In coordination with CRWAD
Vaccines
Diagnostics
Surveillance
Control
Pathogenesis
Genetics
NBAF as a concept for workforce development opportunities (culture change)

- K-State
- BRI, CVM, undergrad

- NBAF
- Companies
- Others
- KSVDL

Defending Against Foreign Animal Diseases
- Vaccines
- Diagnostics
- Countermeasures
“Mini” NBAF
“Ground Zero” for Kansas transition activities

Biosecurity Research Institute

Sen. Pat Roberts (R-Kansas)

BSL-3Ag

Food Safety & Security BSL-2/3

BSL-3E

BSL-3E Plant Infectious Diseases

Training and Education

Administratio n

Plant Infectious Diseases

Mini NBAF

Ground Zero for Kansas transition activities
DVM/PhD

Engagement

Freshman

$250K

9 years

Training

Degree

DVM/PhD
Considerations for workforce development

- What is a DVM/PhD?
- Veterinary training focus on companion animals
- Engagement (K thru 12, undergrads……residents)
- Diversity
- Focus of workforce development (lab personnel…..project leaders)
- Funding sources (likely determine direction and outcome)
- Coordination of activities (national….global)
- Opportunities for unique partnerships
- Inventing new approaches to workforce development
- Community colleges
K-State Dual DVM/PhD Scholarship Program

- Designed to support DVMs who are already in a graduate degree program
- 2-2(3)-2, 4-2(3) options for DVM and graduate training
- Tuition forgiveness during DVM training period - must complete program in allotted period or pay back tuition
- Graduate training costs covered by advisor
- Early admit students with no degree qualify
Partners

Other partners
ILRI
Pirbright
South Africa