

Serving Agriculture in Pennsylvania



Only one veterinary school in Pennsylvania:
The University of Pennsylvania School of Veterinary Medicine (Penn Vet)



EDUCATION



TRAINING AND SUPPORTING THE NEXT GENERATION OF VETERINARIANS

- ▶ Nearly **40%** of students in Penn Vet's class of 2020 are residents of Pennsylvania
- ▶ **168** students from Pennsylvania each received a **\$10,000** tuition reduction in FY16, helping to alleviate the average of **\$193,570** in debt following graduation from Penn Vet
- ▶ **5** Commonwealth One Health Scholarships, covering full tuition costs, have been awarded to students committed to serving Pennsylvania agriculture, totaling **\$1,000,000**
- ▶ **100%** of Penn Vet students receive large animal training at New Bolton Center
- ▶ **72%** of graduating Penn Vet students remain in Pennsylvania to practice
- ▶ Penn Vet alumni currently practice in **65** out of **67** counties in Pennsylvania

75%

Penn Vet alumni represent **75%** of practicing veterinarians in Pennsylvania

RESEARCH & SERVICE



PROVIDING LIFE-SAVING CARE AND GROUNDBREAKING RESEARCH

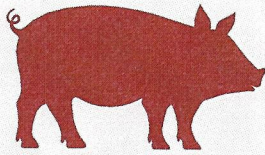
- ▶ New Bolton Center's hospital handles nearly **4,900** patient visits each year
- ▶ New Bolton Center's Field Service treated more than **38,000** patients at local farms in FY16
- ▶ **52** veterinarians work at New Bolton Center, covering **13** veterinary specialties
- ▶ New Bolton Center employs **332** Pennsylvanians
- ▶ **\$2,771,812** awarded for New Bolton Center faculty research in FY16
- ▶ Penn Vet is the **1st** U.S. veterinary school developed in association with a medical school, and is a leader in One Health, linking human, animal, and environmental health



#4 PENN VET RANKED #4 IN THE WORLD AMONG VETERINARY SCHOOLS
BY QS WORLD UNIVERSITY RANKINGS 2016

Protecting the Health and Safety of Pennsylvanians and the Agriculture Industry

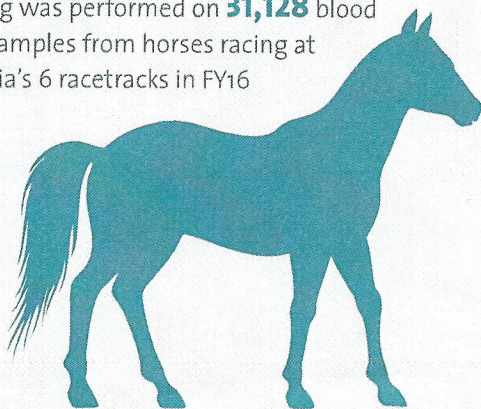
SWINE



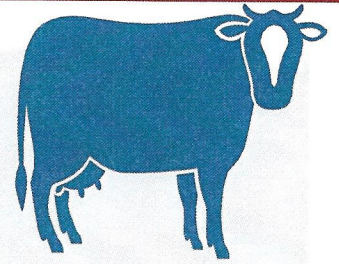
- ▶ **90%** of Pennsylvania pigs—**1.29** million on **547** farms—are on Penn Vet's swine disease surveillance program
- ▶ Thanks to this program, there has been a **30%** decrease in the number of pigs in Pennsylvania infected by Porcine Reproductive and Respiratory Syndrome
- ▶ **60%** of sows in Pennsylvania are group-housed, following the lead of the Penn Vet Swine Teaching and Research Center, where these animal-friendly husbandry practices were pioneered
- ▶ **180,000** pigs impacted by swine field investigations in FY16
- ▶ Penn Vet's on-site herd health programs have a direct impact on **94%** of pig production in the Commonwealth

EQUINE

- ▶ Drug testing was performed on **31,128** blood and urine samples from horses racing at Pennsylvania's 6 racetracks in FY16

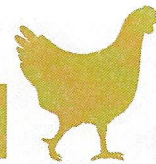


DAIRY



- ▶ **12,000** cows in **28** herds impacted by bovine field investigations in FY16
- ▶ **299** herds in Pennsylvania use Penn's Dairy Analyzer computer program
- ▶ **23,000** to **32,000** pounds of milk are produced annually from cows on farms advised by Penn Vet, significantly higher than the 20,000-pound average

AVIAN



- ▶ Experts in Penn Vet's diagnostic labs test **70,000** samples each year for avian influenza
- ▶ Nearly **30,000** blood tests are conducted annually for surveillance of other avian diseases
- ▶ A 2001 outbreak of avian influenza in Pennsylvania was stopped at a cost of **\$400,000**; a similar outbreak in Virginia cost the state **\$130** million
- ▶ **830,550** birds impacted by poultry field investigations in FY15
- ▶ Over **99%** of Pennsylvania eggs make it to market without Salmonella—the leading industry standard—thanks to protocols developed at Penn Vet to create the Pennsylvania Egg Quality Assurance Program