Module 1:
Overview of the
National Veterinary
Accreditation Program
USDA-APHIS National Veterinary
Accreditation Program (NVAP)

Welcome to **Module 1: Overview of the National Veterinary Accreditation Program**. This module was developed as supplemental training for the USDA-APHIS National Veterinary Accreditation Program (NVAP) by the Center for Food Security and Public Health at the College of Veterinary Medicine, Iowa State University. The content for this module was finalized in November 2017. *Presenters: As designed, slide completion time ranges from 30 to 90 seconds each, such that the entire presentation can be completed in 50 minutes.*

S Required

• Sign-in
- iPad or paper
• Retain certificate of completion
• Complete 2-step process to renew accreditation
- Complete modules
- Submit an application

A few important points about the renewal process. First, you must sign in to get credit for taking each APHIS Approved Supplemental Training Module. This will either be done using a paper sign in sheet that is being passed around or the iPad that is being passed around. Second, at the end of the presentation you will receive a certificate of completion. This is your proof you have completed the module. Please retain this for your records. Do not send it to APHIS as part of the renewal. You must submit an application for renewal as part of the two-step renewal process. This can either be done on-line or via paper. Both processes are described on the NVAP website.

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I Pad Sign-In Directions

Tap each field to enter data*
Select Submit
Review information for accuracy
If not accurate, see me after presentation
Select Confirm
Pass to next participant
If you don't know your 6 digit National Accreditation Number, pass the liPad along and see us after sessit

In order for the key pad to display, the participants must first tap the first field on the screen (first name field). This will display the key pad. The participant must then either tap the stylus pen or their finger into each subsequent field on the screen. The user must tap into each field. Enter your entire National Accreditation Number including leading 0's.

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If No Match Found

Your name must match what is in our records.
e.g. "Jim" not "James", "McDonald" vs "Mc Donald"

If "No Match Found" displays after you attempt to re-enter your name and NAN, pass the tablet to next participant and see us after session

However, if they have not entered the data the way it is entered into our database, they will get a No Match Found message. They should attempt to reenter the data two more times and then pass the tablet to the next participant. They must see the instructor after the presentation to ensure they do get credit for the module they have taken. Certain reasons their name is not displayed include: their name is not entered correctly—James vs. Jim, McDonald vs McDonald, etc.

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Paper Sign-In

Print clearly
Complete ALL fields
If you do not know your 6
digit National Accreditation
Number, please see us after
session

If a paper sign in is being used, please make sure you print clearly or you may not get credit for the AAST module. It is critical that we have your updated email address to ensure you receive notifications from NVAP. If you do not know your six digit National Accreditation Number, please see the instructor after the presentation.

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Supplemental Training 1 · Familiarize accredited veterinarians with i animal health regulatory concepts and activities d - Does not supersede the regulations · For the most up-to-date regulations and e standards, please refer to: - Code of Federal Regulations 6 - OSHA - Occupational health specialist - Local VS District Office

Presenters: Please make sure your audience understands the intent of this information by reading what is written here. This informational presentation is intended to familiarize accredited veterinarians with animal health regulatory concepts and activities. Information presented here does not supersede the regulations. For the most up-to-date regulations and standards, please refer to the Code of Federal Regulations, contact your state or national Occupational Safety and Health Administration (OSHA), consult with your workplace's occupational health specialist, or your local VS District Office.

S Supplemental Training

i All APHIS Approved Supplemental Training (AAST) modules are also available on our website with interactive links to additional web resources.

Type "NVAP" into your search engine e.g., Bing, Google, Yahoo.

All modules are available on our website free of charge. If you want additional information about any of the presentations, you may check them out on our website where additional resources are available. The NVAP website is available by typing NVAP into your preferred search engine.

S Introduction

1 Understand importance of role in protecting, ensuring animal health
Describe duties, responsibilities as AV
Recognize you are solely responsible for documents signed
Understand processes of accreditation, training, renewal, authorization in additional States, reinstatement
Describe Category I and II animal species
Acknowledge disciplinary actions

After completion of this module, you will be able to

- understand the importance of your role as an accredited veterinarian (AV) in protecting and ensuring animal health;
- describe your duties and responsibilities as an AV;
- recognize that you are solely responsible for all aspects of the documents you sign, regardless of who assists you in preparing them;
- understand the processes of accreditation, accreditation training, accreditation renewal, authorization in additional States, and accreditation reinstatement;
- describe what species are Category I and II animals; and
- acknowledge the disciplinary actions you could be subjected to if you fail to uphold your duties as an AV.

Photo source: Danelle Bickett-Weddle, Iowa State University

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National Veterinary Accreditation
Program Overview

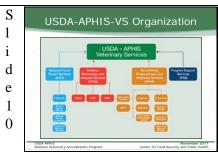
Accreditation: Federal, State governments' authorization of veterinarians to perform certain official regulatory functions on their behalf

Voluntary program
Work cooperatively with Federal veterinarians and SAHOs
Must be authorized in each State you wish

 Must be authorized in <u>each</u> State you wish to perform duties

USDA-APHIS
National Vaterinary Accreditation Program
Center for Food Security and Public Health

- Veterinarians participating in NVAP include private practitioners, academic, corporate, military, research, and government veterinarians
- As an AV, you are accredited by Federal government in cooperation with individual State governments
- Program managed through national database
- Each AV assigned a 6-digit National Accreditation Number (NAN)



VS divided into four operational units:

- National Import Export Services (NIES)
- Science, Technology, and Analysis Services (STAS)
- Surveillance, Preparedness, and Response Services (SPRS)
- Program Support Services (PSS)
 - AVs will not interact with PSS

Graphic Illustration by: Andrew Kingsbury, Iowa State University



VMOs employed by NIES responsible for

- Inspecting, testing animals for import, export
- Ensuring compliance with regulatory programs
- Endorsing certificates for export of animals, animal products

Graphic Illustration by: Andrew Kingsbury, Iowa State University





- **CEAH:** provides information, analysis about animal health, veterinary public health; National Animal Health Surveillance System (NAHSS); National Animal Health Reporting System (NARHS)
- **CVB:** regulates veterinary biologics to ensure products are pure, safe, potent, effective
- **NVSL:** National Animal Health Laboratory Network (NAHLN) program office; combined NVSL facilities have expertise in all of the diagnostic tests for significant animal diseases found in the Americas; Assistant Director (AD) authorizes U.S.-origin submissions to NVSL
- NBAF:
 - New facility located in Manhattan, KS
 - Will replace Plum Island Animal Disease Center in New York
 - Expected to be operational by 2022–2023

Graphic Illustration by: Andrew Kingsbury, Iowa State University



- NPIC = National Preparedness and Incident Coordination Center
- ADT/VAC = National Animal Disease Traceability and Veterinary Accreditation Center

Graphic Illustration by: Andrew Kingsbury, Iowa State University



- VMOs employed by SPRS responsible for
 - Investigating animal disease outbreaks
 - Contributing to disease surveillance and emergency management programs
 - Inspecting, testing animals for disease control and eradication programs
- VMOs also serve essential functions within NPIC and Commodity Centers



- Dependent on AV partnership to protect public health, well-being by preventing, controlling, eradicating disease in animals
- Increased collaboration crucial to continued success of program



*On October 3, 2016, USDA announced confirmation of New World screwworm (*Cochliomyia hominivorax*) in Key deer from National Key Deer Refuge in Big Pine Key, FL

- New World screwworm eradicated from United States more than 3 decades ago
- First infestation in Florida in 50 years
- USDA partnered with US Fish and Wildlife Services, Florida
 Department of Agriculture and Consumer Services, and Florida's
 Monroe County to prevent spread of screwworm, eradicate
 screwworm flies from affected Florida Keys, preserve endangered
 Key deer, protect domestic animals and pets on the Keys
- USDA declared outbreak officially over April 12, 2017

Photo source: Mark Cunningham, USDA

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History of NVAP

- 1907: Private practitioners first performed regulatory work for Federal government
- 1917: Practicing veterinarians participated in Tuberculosis Eradication Program
- 1921: First accreditation examination to certify practitioners as representatives of Federal government; NVAP began
- · 1992: APHIS standardized accreditation
- procedures, requirements Today: Successful control of incursion of several FADs

- 1907: Large number of horses exported to Canada—not enough Federal veterinarians, Canadian government agreed to accept health inspections, certifications performed by private practitioners qualified by Bureau of Animal Industry (now APHIS)
- 1921: Accreditation program established so private practitioners could assist Federal veterinarians in controlling animal disease
- 1992: Standardization allowed for more uniform administration of the program
- Today: FAD incursions have included outbreaks of contagious equine metritis and equine piroplasmosis, epizootics of Newcastle disease and West Nile virus, cases of screwworm and monkey pox, pandemics of influenza virus including H1N1

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NVAP Today

- · APHIS developed elements currently in the NVAP
- · Enhancements to NVAP finalized in 2010
- Final Rule (2009)
- Initial Accreditation Training (IAT)
- Two accreditation categories— Categories I and II
- Requirements for supplemental training,
- renewal of accreditation every 3 years - Provided for accreditation specialization(s)

agencies, major veterinary medical organizations (United States Animal Health Association, American Veterinary Medical Association), academic organizations (Association of American Veterinary Medical Colleges), using Federal rule making process

APHIS developed current NVAP elements working with State and Federal

- Final Rule published December 9, 2009
 - Uniform, national education in form of IAT required of all veterinarians seeking accreditation
- IAT has served as mandatory precursor to Orientation Program for accreditation (offered in each State) since July 1, 2010

S Accreditation Eligibility Requirements 1 Must be a graduate with DVM or equivalent degree from college of veterinary medicine i Must be licensed or legally able to practice veterinary medicine in State in which you wish to perform accredited duties d Must have completed IAT by using APHIS-approved content
Must have completed Orientation Program approved by AD for
State in which you wish to perform accredited duties e State in which you wish to perform accredited duties Must submit, sign application (VS Form 1-36A) Must complete State-specific orientation, if required Must wait to perform accreditation duties until receive written approval from APHIS Once approved, you will receive notification from USDA containing your NAN and 3-year ARD 2 0

- Upon completion of orientation, you must document in a written statement the date and place of orientation, the subjects covered in the orientation, and any written materials provided. The SAHO often participates in the orientation.
- National Accreditation Number (NAN), Accreditation Renewal Date (ARD)



- Each lesson listed has corresponding quiz
- Must correctly answer 80% or more of the questions for each quiz in order to receive credit
- Once you have successfully completed all lessons, incursions, and passed corresponding quizzes, an electronic certificate will be available to print or save
- Certificate serves as "admission pass" to next phase of accreditation process, the Orientation Program



• You may use the Orientation Program described here for application for accreditation only during the 3 years following your attendance.

Photo source: Danelle Bickett-Weddle, Iowa State University

Authorization in Additional States 1 State-specific orientation to become i authorized in an additional State · Apply for accreditation by completing d VS Form 1-36A Submit to NVAP Coordinator e responsible for State in which you 2 wish to perform accredited duties · Application reviewed by SAHO and 3 endorsed by AD

S Accreditation Categories 1 · Category I i Dogs, cats, lab animals, nonhuman primates, rabbits, native nonruminant wildlife, marine mammals d - No: food and fiber species, horses, birds, farmraised aquatic animals, all other livestock species e honeybees, zoo animals capable of transmitting exotic animal diseases to livestock 2 Category II - Perform accredited duties on all animal species 4 - Pot-bellied pigs, birds

- Laboratory animals—rats, mice, gerbils, guinea pigs, hamsters
- Though pot-bellied pigs and certain birds may be kept as pets, they may harbor diseases that pose significant threats to the Nation's food producing pigs and poultry; you are **not** able to perform accredited duties for these animals as a Category I AV.

- May repeat modules completed during previous 3-year renewal periods
- NVAP will do everything possible to keep information updated

S Supplemental Training 1 Increase awareness of prevention, preparedness i strategies for animal health emergencies in United States Modules focus on d Transmission, recognition, reporting of exotic, emerging diseases e Current topics in veterinary medicine Interstate, international movement of animals
 Animal welfare 2 · Certificates of completion 6 Retain—data used to complete application for rer

• Training offered in web-based format (free), USB-drive [electronic PDF] (minimal cost covers production, shipping, handling), and official AAST presentations at various veterinary meetings

Accreditation Renewal

Accreditation Renewal

May renew accreditation any time within 6-month period leading up to your ARD

After completion of AAST modules required for your category

Complete renewal process by using online application or submitting paper application

- Submit original paper application with your signature in ink
- May not submit paper applications via fax nor email



Photo source: Andrew Kingsbury, Iowa State University

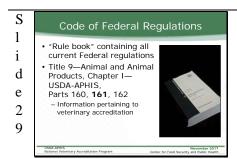
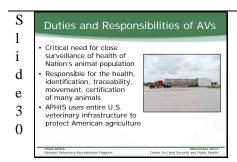


Photo source: Anson Eaglin, USDA-APHIS LPA



- Rapid movement of animals around the country and world increases risk of disease spread like no other period in history
 - Approximately one million swine are moving each day in the United States (Patrick Webb, National Pork Board, personal communication, 2011)
 - One NIES Service Center alone endorsed AVs' export certificates for over 35,280,000 *dozen* hatching eggs during 2016
- APHIS leverages your medical expertise, relationships in the communities you serve to deliver regulated animal health services
- Disease spread would be devastating to Nation's food supply, export markets, One Health program
- APHIS safeguards U.S. poultry, livestock from introduction, establishment, spread of FADs
 - Involves regular health surveillance of domestic animal herds, flocks; monitoring of animal disease outbreaks around the world
- APHIS, other Federal agencies inspect and approve incoming shipments of animals, animal products at airports, maritime ports

Photo source: Alex Ramirez, Iowa State University

Duties and Responsibilities of AVs 1 i d e 3 1

Report promptly all diagnosed, suspected cases of FADs, communicable animal diseases and all diagnosed, suspec cases of any animal disease not known to exist in United States

united states

Perform dutiles only in a State in which you are authorized to perform accredited work

Perform dutiles in accordance with Federal, State, importing country regulations, requirements

Complete official documents accurately, fully—clearly identifying animals, dates, results Be responsible for security, proper use of official documents, tags, bands, other identification devices, approved digital stignature capabilities, and take reasonable care to prevent their misuse

A complete listing of duties and responsibilities of all accredited veterinarians can be found in 9 CFR §161.4, Standards for accredited veterinarian duties [Select Title 9—Animals and Animal Products; then Parts 1–199—Animal and Plant Health Inspection Service, Department of Agriculture; then find Part 161; then find §161.4]

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Duties and Responsibilities of AVs

- Do not issue documents unless have personally inspected animals related to documents within:
- animals related to documents within:

 10 days prior to issuance for animals not participating in regular health maintenance program

 10 days prior to issuance following first two inspections for animals participating in regular health maintenance program

 30 days prior to issuance following third and subsequent inspections for animals participating in regular health maintenance program
- Contact immediately local VS District Office if ever in doubt regarding how to correctly perform a procedure, or what your actions should be

A complete listing of duties and responsibilities of all accredited veterinarians can be found in 9 CFR §161.4, Standards for accredited veterinarian duties [Select Title 9—Animals and Animal Products; then Parts 1-199—Animal and Plant Health Inspection Service, Department of Agriculture; then find Part 161; then find §161.4]

S If You Suspect a FAD: 1 i **CALL** d Daytime: 866-536-7593 e After hours: 800-940-6524 3 3

S **Duties and Responsibilities of AVs** 1 Keep current on regulations governing mover of animals, procedures applicable to disease control, eradication programs, emergency programs

 Take measures to prevent spread of communicable diseases
 Identify or be physically present to supervise identification of reactor animals i d e identification of reactor animals
Do not use or dispense any pharmaceutical,
chemical, vaccine, serum, other biological
product which contradicts Federal or State statu.
Issue origin health certificates for export under
certain circumstances, with approval of AD 3 4 May issue a document on animals inspected by another AV under unique circumstances

For complete listing of duties and responsibilities of all AVs, refer to 9 CFR §161.4, Standards for accredited veterinarian duties

Photo source: iStock 5148805

- S **Duties and Responsibilities of AVs** 1 · Inform NVAP Coordinator of any changes in i contact information - Address, phone numbers, email address d · Email address principle method for notification of accreditation nearing expiration e - Complete required training, renew accreditation before ARD 3 · Illegal to perform accredited duties if accreditation expires 5
- If perform accredited duties to prepare an animal for export to another country and accreditation has expired, USDA will not endorse export
- Keeping NVAP Coordinator up to date when contact information has changed ensures NVAP's email and/or paper correspondence can reach you
- NVAP Coordinator also resource for reinstating accreditation if it has expired



Photo source: Danelle Bickett-Weddle, Iowa State University



Category II Tasks

I. Perform physical examination of individual animals, visually inspect herds or flocks to determine whether free from any clinical signs suggestive of communicable disease ii. Recognize common breeds of Category I and II animals, including types of poultry as defined by NPIP, common breeds of livestock, accurately record breed information on official documents

iii. Recognize all USDA animal identification systems
iv. Estimate age of livestock by using dental formula

V. Apply USDA-recognized identification for USDA animal identification system

vi. Certify health status of an avian flock regarding diseases of deneration and commestic. International regulatory concern, evaluate records pertaining to poultry flock testing, participation in Federal, State poultry health programs, classifications

• These are in addition to all tasks listed for Category I AVs



*A written herd or flock health management plan may include an agreement signed by the owner of herd or flock, the AV, and a State or APHIS representative, in which each participant agrees to undertake actions specified in the agreement to maintain health of animals and detect signs of communicable disease



Photo source: USDA

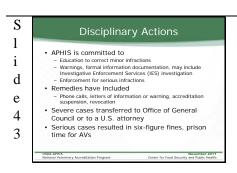


- Your name, signature allows animals to move around the world, recognized interstate and internationally
- APHIS relies on you, as their representative, to serve unique role in animal health and well-being that is respected, desired, required (in most instances) worldwide
- Imperative you can be trusted, meet a high standard to represent U.S. government

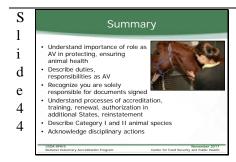


- AVs part of foundation for all aspects of U.S. animal health and welfare
- AVs located in, provide services to, nearly every community in the country
- AVs are eyes and ears for the world on health and welfare of Nation's animal population
- Failure to immediately report clinical signs in animals which are atypical and could indicate presence of a FAD could result in catastrophic consequences

Photo source: Dani Ausen, Iowa State University



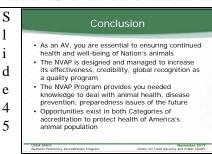
- NVAP and APHIS business units responsible for movement certifications, testing developed compliance program—considers seriousness of any infraction related to animal issues, determines if infraction was willful and/or fraudulent
- Education (cursory contact and informal information)
- Enforcement (investigative action, will include IES)
- Your work, signature represent professional integrity, reputation, honesty, reliability to perform accredited duties appropriately, effectively, and to uphold integrity of the NVAP



Now that you have completed this module, you should be able to

- understand the importance of your role as an AV in protecting and ensuring animal health;
- describe your duties and responsibilities as an AV;
- recognize that you are solely responsible for all aspects of the documents you sign, regardless of who assists you in preparing them;
- understand the processes of accreditation, accreditation training, accreditation renewal, authorization in additional States, and accreditation reinstatement:
- describe what species are Category I and II animals; and
- acknowledge the disciplinary actions you could be subjected to if you fail to uphold your duties as an AV.

Photo source: Andrew Kingsbury, Iowa State University



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Supplemental Training

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i • This informational presentation has been approved expressly to serve as one unit of supplemental training for participants in USDA's NVAP
e • Please ensure you complete, sign, and retain a certificate stating that you attended this presentation

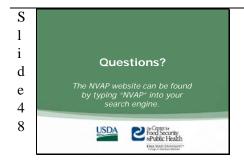
· Contact your local VS District Office

for more details

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This informational presentation has been approved expressly to serve as one unit of supplemental training for participants in USDA's National Veterinary Accreditation Program. Please ensure you complete, sign, and retain a certificate stating that you attended this presentation. Contact your local VS District Office for more details on renewing your accreditation.





Thank you for your time. I would be glad to answer any questions as time allows. The NVAP website can be found by typing "NVAP" into your search engine.

Presenters: Advance to next slide while answering questions.



Presenters: Offer to answer any questions while this slide remains visible.

These numbers are available on the NVAP website. We recommend you copy these numbers and put them in your phone for quick reference.