

ONE HEALTH



Assuming Our Collaborative Responsibility

USDA Agricultural Outlook Forum

February 27, 2009

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Veterinarian's Oath

Being admitted to the profession of veterinary medicine, I solemnly swear to use my scientific knowledge and skills for the benefit of society through the protection of animal health, the relief of animal suffering, the conservation of animal resources, the promotion of public health, and the advancement of medical knowledge.



Doctors of Veterinary Medicine



- VALUE
- RESPONSIBILITY



Agricultural Outlook Forum

- Enhance Interdisciplinary Partnership
- Our Value?
- Our Responsibility?



AVMA Strategic Goals

- Veterinary Education
- Veterinary Workforce



Education & Workforce

National Academy of Sciences

- “Critical Needs for Research in Veterinary Medicine”
- “Animal Health at the Crossroads: Preventing, Detecting and Diagnosing Animal Diseases”



Education & Workforce

Food Supply Veterinary Medicine Coalition

- “Estimating FSVM Demand and Maintaining the Availability of Veterinarians in Careers in Food Supply Discipline”



Education & Workforce

Conclusion of Studies

- Improve
 - Communication
 - Coordination
 - Collaboration



Environmental Health

“Almost every human disease
can be caused, modified, or altered
by an environmental agent”

National Institute of Environmental Health Sciences 2006



Environmental Health



One Health

Fact

- 75% are zoonotic
- 38,000 animals everyday
- 21,000,000,000 animals every year



Global Food Supply



- 21 Billion Animals
- 6 Billion People
- 50% Increase



One Health



- Embrace Concept
- Global Relations



One Health Integrated Challenges

Changing Environment

Vulnerable Humans

Carrier Animals



One Health Initiative Task Force

- Commitment
- Visionary
- Communication
- Collaboration



One Health Initiative Task Force

- Executive Summary and Recommendations
 - Journal of the AVMA – July 15, 2008
- Final Report
 - www.avma.org



One Health Defined

“One Health is the collaborative effort
of multiple disciplines
- working locally, nationally, and globally -
to attain optimal health
for people, animals, and our environment.”

AVMA One Health Initiative Task Force 2008



One Health Initiative

One Health

World Health
Through Collaboration



Scope of One Health

- Animal and Human Health
- Health of the Environment
- Food and Water Safety and Security
- Disease Prevention, Surveillance, and Response
- Clinical Medicine
- Basic and Translational Research
- Ethics
- Global Trade and Commerce
- Public Awareness and Communications
- Public Policy and Regulation
- Agricultural Production and Land Use
- Training of Health Professionals



One Health Joint Steering Committee

- Multidisciplinary
- Initial Oversight
- Initiate Planning and Implementation
- Facilitate Transition
- Charter National One Health Commission



National One Health Commission

- Develop
- Implement and Sustain
- Global Collaboration
- Maintain Partnership Structure



One Health Joint Steering Committee

- American Veterinary Medical Association
- American Medical Association
- American Society for Microbiology
- American Public Health Association
- American Society of Tropical Medicine and Hygiene
- Association of State and Territorial Health Officials
- Association of American Veterinary Medical Colleges
- Association of American Medical Colleges



One Health Joint Steering Committee

- United States Department of Agriculture
- Centers for Disease Control and Prevention
- National Park Service
- Association of Fish and Wildlife Agencies
- National Institute of Environmental Health Sciences
- Department of Homeland Security
- Environmental Protection Agency
- Food and Drug Administration
- Smithsonian Institution



One Health Joint Steering Committee

Initial Funding Support

- Members
 - Financial Contributions
 - In-Kind Services
- Rockefeller Foundation
 - \$100,000 Grant

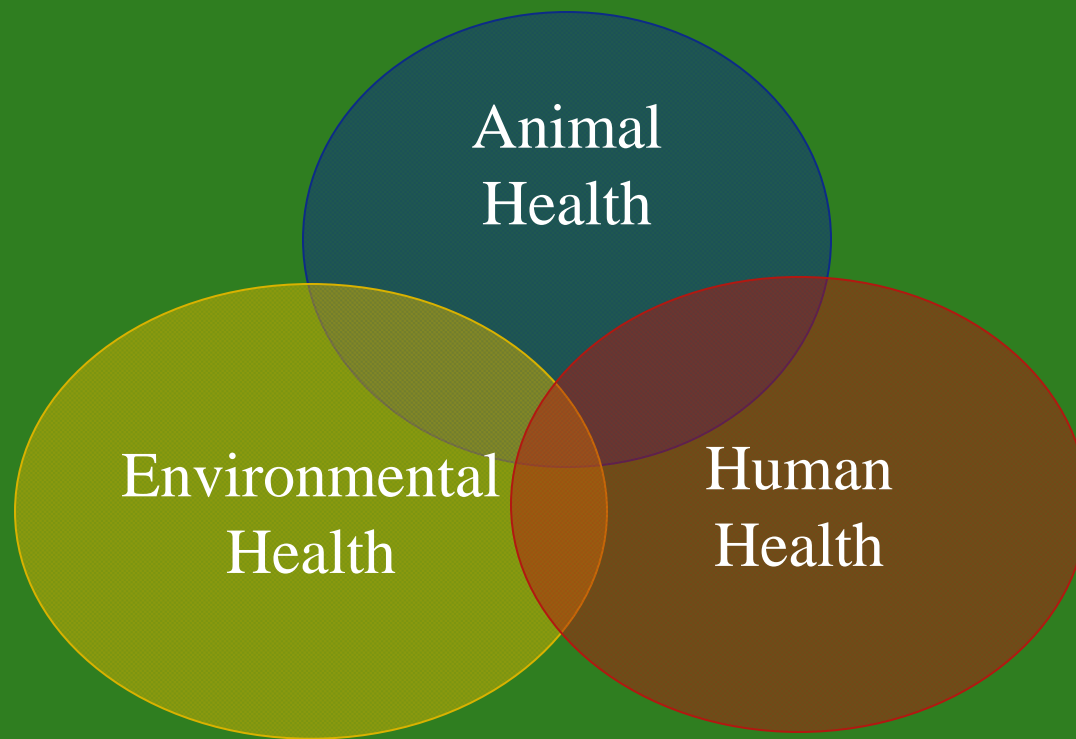


Collaboration & Integration of Professionals



One Health Initiative

Integrated International Strategy



Professional Oath

- Value
- Responsibility



Collaborative Responsibility

Value

- Promote and Protect
- Utilize Our Value
- Ensure Promising Future



**One Health
World Health
Through
Collaboration**

