ONE HEALTH

Assuming Our Collaborative Responsibility

USDA Agricultural Outlook Forum

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

- 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

Animal Health
Environmental Health
Human Health
Professional Oath

- Value
- Responsibility
Collaborative Responsibility

Value

- Promote and Protect
- Utilize Our Value
- Ensure Promising Future
One Health
World Health
Through Collaboration