Fostering One Health Approaches through Public-Private-Academic Partnerships

Annual AAVMC Meeting
March 14, 2014
Successful Partnerships

Shared interests and goals

Synergy

Transparency/trust

“Skin-in-the-game”

Celebrate successes and accept joint responsibility for failures
Key Learnings Presentations

- Series of four 5-7 minute presentations on the power of public-private-academic partnerships
- 10 minute Q&A
- Final wrap-up
Using residency programs for immersion in public-private-academic partnerships

Dr. Sylvia Wanzala
Doctoral Student
University of Minnesota
The One Health Residency Program at Makerere University, Uganda

- Goals:
  - Enhance One Health policy and implementation
  - Improve public health in the region.
- Innovative One Health capacity building
- Early- to mid-career health professionals
- Competence based-one health leadership
Partners

- College of Veterinary Medicine, Animal Resources and Biosecurity (COVAB) and School of Public Health, Makerere University, Uganda
- One Health for Central and Eastern Africa (OHCEA) countries of Ethiopia, Rwanda, Kenya, Tanzania, DR Congo and Uganda
  - 14 schools of public health and veterinary medicine
- USAID-EPT RESPOND
- University of Minnesota, Tufts University
Experiential learning through field projects

- Land O’ Lakes and the Integrated Marginal Arid Regions Innovative Socialized Health Approach (IMARISHA) program led by the African Medical Research and Education Foundation (AMREF)
Networking opportunities outside traditional disciplinary boundaries

The residents with the US ambassador to Uganda Mr Delisi and Prof Mac Farnham UMN
leadership

- Government, industry and private sectors on issues at the intersection of human, animal and environmental health.
- National Task Force e.g. Crimean congo hemorrhagic fever (CCHF) outbreak
- OH residents important in role as drivers of next important stage in leadership.
The Pioneers...

pilot and drivers

Two veterinarians and one nurse
Enhancing engagement of Intergovernmental Organizations

Will Hueston
Center for Animal Health and Food Safety
University of Minnesota

Fostering One Health Approaches through Public-Private-Academic Partnerships
AAVMC Annual Meeting 2014: One Health in Veterinary Medical Education
CAHFS Inter-Governmental Organization (IGO) Partners

- ILRI
- OIE
- The World Bank
- IICA
- World Health Organization
- FAO
What are IGOs?

- International organizations
  - Members are countries
- Bring countries together to focus on shared issues
  - Global public goods
  - Zoonoses, Food Safety, EID
Of veterinary importance...

- World Organisation for Animal Health (OIE)
- Food and Agriculture Organization (FAO)
- International Livestock Research Institute (ILRI)
- Pan-American Health Organization (PAHO)
- Strategic Health Operations Centre World Health Organization (WHO)
Relevance?

- One Health approach at worldwide scale
  - Neutral convener to address grand challenges
  - Embrace trans-disciplinary, cross-cultural teams
- Extensive expertise
  - International experts
  - Scientific information and global analyses
How to engage IGOs

- Invite expert involvement; share information
- Individual faculty consultancies
- Faculty exchanges and students internships
- Collaboration on research, education, outreach
- Strategic Partnerships
UMN – Chiang Mai University
OIE Veterinary Education
Twinning Program

OIE recommendations on the Competencies of graduating veterinarians (‘Day 1 graduates’) to assure National Veterinary Services of quality

UMN Faculty Exchange - Dr. Deb Olson
6 months FAO

Veterinary Services Capacity Building

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EIO educational program

- Professional development
  - Vet, PH, Ag, Med, Nurses
  - Public and private sectors
- Experiential education for adult learner
- Interact with key IGOs at their headquarters
  - OIE – Paris
  - WHO, WTO – Geneva
  - FAO – Rome
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<th>Outputs</th>
<th>Outcomes</th>
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<td>Access global expertise &amp; information from IGOs</td>
<td>Help globalize curriculum</td>
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<td>Broadened networks</td>
<td>Greater collaboration</td>
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<td>Demonstration of One Health in action</td>
<td>Enhance commitment to OH approaches</td>
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<td>Witness multi-national, trans-disciplinary teams tackling grand challenges</td>
<td>Stretches comfort zone, imparts new skills and attitude</td>
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Impacts of IGO engagement

- Enriched curriculum and teaching
- More global mindset faculty and graduates
- Expanded career opportunities for graduates
- Increased CVM opportunities to join global One Health approaches
Dr. Tracey Lynn
One Health Coordination Center
U.S. Department of Agriculture

Learning from examples of successful One Health synergy in government
Examples of USDA Partners
Veterinary Education

- 28 U.S. Veterinary Schools, U.S. students at international schools
- 1200-1500 students in wet labs, case studies
- Externships: 50-60/year
- Summer internships
Promoting Science-based Approaches to Surveillance...

Domestic Poultry

Risk-Based County Rank

Waterfowl
And Preparedness and Response

- Secure Food Supply initiative
- USDA-Universities-Industries
  - Cooperative approach to risk assessment
  - Maximizing business continuity
- Shared understanding
Fostering Greater Cross-agency Collaboration
Successful Partnerships...

- Define Shared Interests
- Thrive with equal commitments
- Create Synergy
  - Federal Strategic Priorities
  - Promote University’s mission for education, research and service
  - Use science to inform policy
  - Meet the needs of industry partners
Linda Valeri
Center for Animal Health and Food Safety
University of Minnesota

Fostering One Health Leadership Development
DVM, graduate, early career
One Health Leadership Development – DVM students

- Behavioral interview process
- GOALe Program for first year students
- Professional Communications
One Health Leadership Development – graduate students

- Professional Communications
- Leadership to Address Global Grand Challenges
One Health Leadership Development – early/mid-career professionals

- Farm to Table
- Executive Leadership in Food Safety
Questions?
Take Home Messages for fostering a One Health Approach through PPA

- Make time for PPA
- Be a good partner
- Build OH skillsets in your educational programs