One Health-Social Sciences Launch Meeting

January 8, 2018

Engaging Social Scientists in the One Health Concept Through Collaborations that ‘Connect, Create and Educate’
Welcome

Cheryl Stroud, DVM, PhD
Executive Director
One Health Commission
## Agenda

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<td>Welcome</td>
<td><em>OH-SS and the OHC mission</em></td>
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<td>Introductions</td>
<td><em>Who are we?</em> Questionnaire responses</td>
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<td>Why is this important?</td>
<td><em>Why work together?</em></td>
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<td>• OH-SS Survey for priority setting and common language</td>
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Asking Questions

Example

Type your question here

In a search, what's the difference between "is" and the equals sign?

EHR Reporting with Crystal Report - Dry Run
Webinar ID: 850-780-150
GoToWebinar™
Why the One Health Commission believes it is important to bring the Social Sciences into the One Health Movement
“A lot of people have this ego need that makes them want to believe that Earth is the centre of the universe and humans are the most important species, the supreme expression of creation.” - Ann Druyan

https://www.brainyquote.com/quotes/quotes/a/anndruyan362153.html
Project Purpose

Address perhaps the most important social problem of our time: ‘how to change the way humans relate to the planet and each other to ensure a more sustainable future for all life.’
Project Goals

• To advance the "One Health" agenda beyond the theoretical to the practical

• To raise awareness about the social determinants of human-animal-environment interactions, and

• To bring much-needed attention to the policy and operational issues that ultimately determine the impact and success of needed cross-sectoral efforts.
Ray of Hope for the Future

http://www.paneuropeannetworks.com/science-technology/one-health-a-ray-of-hope/
One Health is like an Orchestra
A single musician cannot play a full symphony alone. It takes all the musicians working together to make beautiful music.

See opening video of the 2013 Prince Mahidol Award Conference in Thailand  https://goo.gl/zBA2nr
One Health provides a pathway to Planetary Health and to Global Security.
Collaborations start with Relationships!!
Which start when we come together in direct conversations
“Population health science is the study of the conditions that shape distributions of health within and across populations, and of the mechanisms through which these conditions manifest as the health of individuals.”
OH-SS Teambuilding

This is an opportunity for a new model for interdisciplinary collaboration and dissemination science.

Response
• > 40 responses
• > 20 countries

Leadership:
• Co-Chairs
• Other opportunities

Stages of Development of high performing teams
Bruce Tuckman
OH-SS: Sectors

- Academic college or university: 52.17% (12)
- Consultant/self-employed: 13.04% (3)
- Nonprofit organization: 13.04% (3)
- Student: 4.35% (1)
- Other (please specify): Other: Writer

Other: Writer
OH-SS: Disciplines*

* Mark all that apply

Other:
- Veterinary Epidemiology and Economics
- Allied health / mental health
- Cross-discipline
Disciplines of the Social Sciences represented:

- Anthropology
- Anthropology (Medical, cultural)
- Civics
- Critical Theory
- Mental health worker as psychotherapists or counselors
- Participatory Epizootiology and Economics
- Political Science/Public Administration, Sociology, Social work and administration
- Psychology and public health
- Sociology (Medical Sociology)
- Sociology, international relations, global governance, management, integrated data ecosystems

Why is the integration of social sciences and One Health important to you?
Lisa M. Webb, D.Psy, MPH, MBA
Co-Chair
One Health and Social Sciences
Question to consider:
What do HIV+ status and cheetah conservation have in common?
Why OH-SS is important

The work of social scientists has improved our understanding of the diverse impacts of human-caused events.
People are often unconscious of the impact of human perceptions, attitudes, and especially behavior on environmental well-being.
Conservation and Environmental Psychology

• Values human and ecosystem health
• Aspires to enhance the healthy relationship between humans and the rest of nature.
Revisiting our question:
What do HIV+ status and cheetah conservation have in common?
“We’ve got our work cut out for us, which is great!”
Jennifer A. Ida, MA
PhD Student
Faculty of Veterinary Medicine
University of Calgary
Co-chair
One Health-Social Sciences Team
BA: Anthropology

Biocultural focus: animals, culture, and disease
Cultural construction of human-primate interactions
Cross-species herpes B transmission
Ethnographic and primatological methods
MA: Anthropology, NSF GRFP

Biocultural landscape of zoonotic disease
Human-livestock vulnerability to anthrax
Indigenous and non-indigenous communities
Local context

Adapted from Meade and Emch, 2010
PhD Student: Veterinary Medical Sciences

Integration of anthropology and veterinary medicine
Antimicrobial use in the dairy industry
Veterinarian-farmer relationships
Interactions, influence, and power of key stakeholders
Culture of veterinary institutions
One Health: What’s missing?
Importance of OH-SS integration: your thoughts

“One Health as an intervention research concept also needs an analysis of interactions between actors of the health system for better decision-making.”

“The determinants of human, animal and ecosystem health are closely related to human action and behavior. To make advances in One Health, we need to engage those who can help us understand those connections.”

“…the effect of culture on the intersection of human health and animal health is immense and needs to be an essential component of this interdisciplinary effort.”
Importance of OH-SS integration: your thoughts

"Because you can’t isolate the lifecycle of a parasite from it(s) hosts and its environment, natural as well as cultural. To face and understand complexity such as HEALTH and how the three OH pillars interact with each another, you can’t do [that] without the integration of the social sciences."

We know plenty about people and the way that stories influence human behavior. We need to put this knowledge to work to show people the continuities between our bodies and the natural world. We need to be better storytellers.

"…but the funding and inclusion of social scientists continually seems to be overlooked (veterinary researchers seem to feel that they know all there is to know about ‘people issues’) and therefore I feel that there is a lack of respect or appreciation for what social science can bring to the field that we need to address/advocate for…"
Facilitated Open Discussion

Why is the integration of social sciences and One Health important to you?

Raise your hand or type in your question
Next Steps: Prioritizing

- Grant proposal(s)...
  - Low priority: 4%
  - Medium priority: 17%
  - High priority: 78%

- Online course
  - Low priority: 30%
  - Medium priority: 26%
  - High priority: 43%

- Group-authored publication(s)
  - Low priority: 17%
  - Medium priority: 35%
  - High priority: 48%

- Conference presentation(s)
  - Low priority: 9%
  - Medium priority: 41%
  - High priority: 50%

- Letters to decision-makers...
  - Low priority: 17%
  - Medium priority: 39%
  - High priority: 43%

- OH-SS Webinars
  - Low priority: 4%
  - Medium priority: 57%
  - High priority: 39%

- Printed resources...
  - Low priority: 17%
  - Medium priority: 61%
  - High priority: 22%

Legend:
- Green: Low priority
- Blue: Medium priority
- Orange: High priority
Next Steps

OH-SS Launch questionnaire response:

“Conditions are URGENT. We have to be activist. Simply producing conferences and papers is no longer enough. We have to speak to people, not just to PhDs. We have to get out of the academic box and become activist leaders for One Health.”
Comments/Additional suggestions:

- Role of media. Mentorship classes.
- Dissemination of social science perspectives to traditional scientists.
- Integrated data ecosystems for showing linkages and other evidence for One Health issues related to policy and program implementation and social impact.
- Advocating for the inclusion of social scientists in one health. Providing case studies/examples of how we can add value. Considering 'One welfare' vs. 'One Health'.
- Participatory Disease Search/Disease Surveillance.
- Can we form a group of scholars who can help to the new budding professionals/government employees to conduct operational one health research in LMICs.
Collaborations start with **Relationships!!**

Which start when we come together in direct conversations
Dream the Future!
A new way of thinking

Next Steps - Form sub-groups

Next Meeting
February 12, 2018,

Bridge the Silos!
Dream the Future

“It’s Up to US”!! the One Health Stakeholders, to make One Health the default way of doing business around the world!!