

One Health-Social Sciences Initiative Webinar Series

Craig Stephen, DVM, PhD *Helping people make healthy decisions in a One Health world*

November 29, 2018

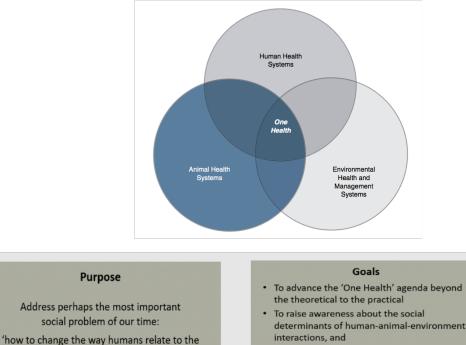
Recording available at: <u>https://attendee.gotowebinar.com/recording/5654759009975863297</u>

One Health Social Sciences Initiative (OH-SS)

planet and each other to ensure a more

sustainable future for all life.

- A global network
- Teleconferences
 - Dissemination of resources
 - Cross-pollination of ideas
- Work groups
 - Publications
 - Research
 - OH-SS mapping
 - Gender and One Health



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

OH-SS Webinar Series

Purpose

 The purpose of the OH-SS Webinar Series is to feature inspirational speakers to address the role of social science theories and methodologies in One Health approaches to improve animal, human, and environmental health systems.



Craig Stephen, DVM, PhD

Western College of Veterinary Medicine, University of Saskatchewan, Canada

Canadian Cooperative Wildlife Health Centre

<u>A Determinants of Health Conceptual Model for Fish and Wildlife Health.</u> Wittrock J, Duncan C, Stephen C. J Wildl Dis. 2018 Oct 5. doi: 10.7589/2018-05-118. [Epub ahead of print]





Next Steps

Sign up for OH-SS email list by sending message to:

ohss@onehealthcommission.org

Please register for the next webinars in the OH-SS Series and help spread the word!



Upcoming Webinar – December 2018

Tuesday, December 11, 2018 10:00 AM - 11:00 AM EST (UTC-5:00) Overcoming Barriers to a Collaborative and Trans-disciplinary One Health Approach

Bernadette Dunham, D.V.M., Ph.D. George Washington University, Washington, DC, USA

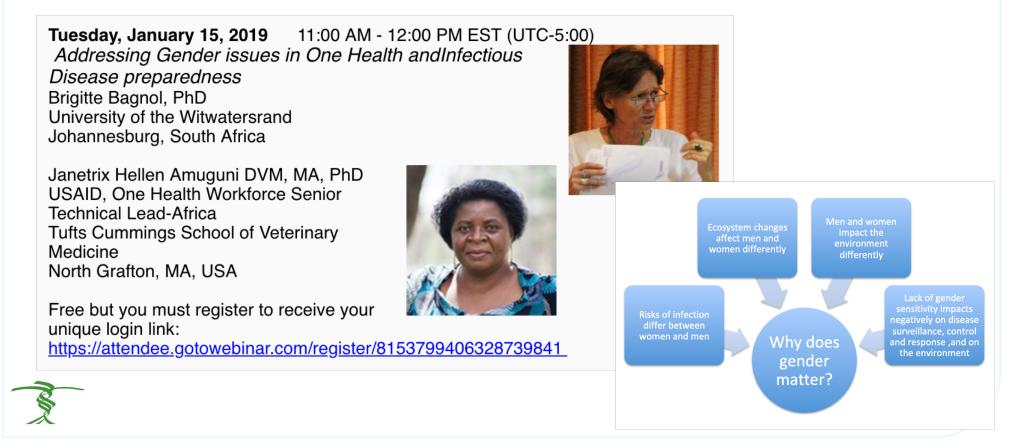
Free but you must register to receive your unique login link:



https://attendee.gotowebinar.com/register/3535433854453326595



Upcoming Webinar – January 2019



Previous Webinars

One Health One Caribbean One Love Project

Non-Communicable Diseases (NCDs) in the Caribbean and a One Health Approach

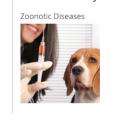
Prof. Alafia Samuels The George Allen Chronic Disease Research Centre University of the West Indies, Barbados

Tuesday November 6, 2018 1:30-2:30 EDT

Recording available at:

https://attendee.gotowebinar.com/register/4221435902839198 73





Caribbean Priority Diseases





Swine Diseases

Equine Diseases





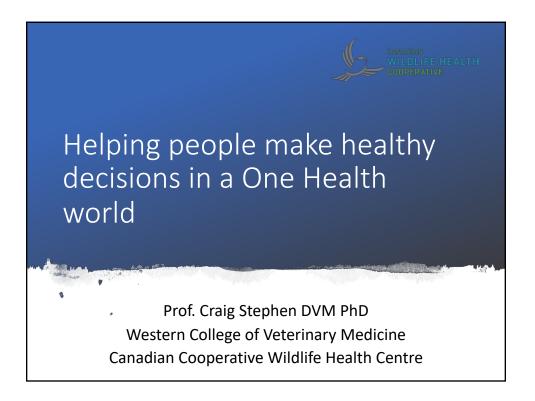


https://www.onehealthcaribbean.org/





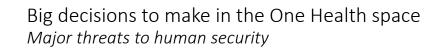




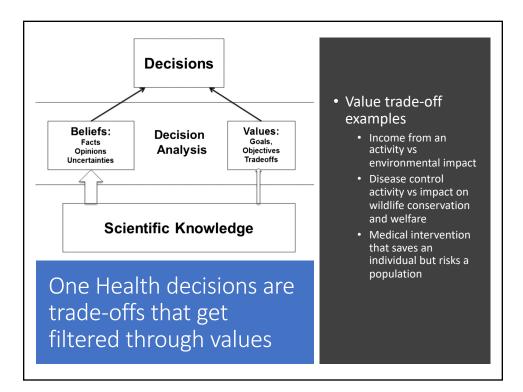


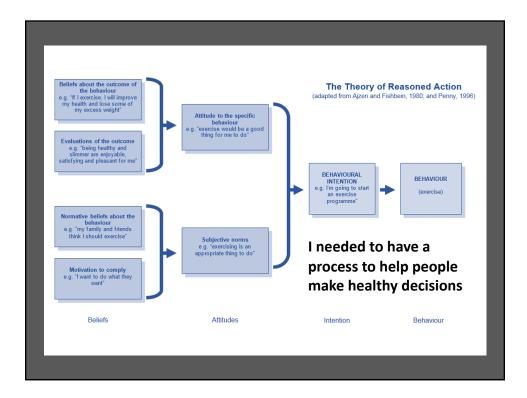
We help people make decisions in the One Health realm

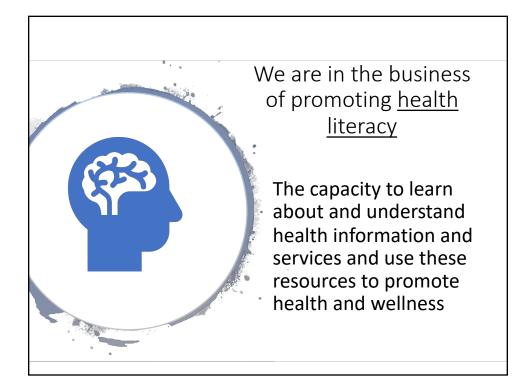
- Clinical care
 - Should I vaccinate my dog for rabies?
 - Should I use this antibiotic?
 - Should I support a new vaccine or invest in a local health clinic?
- Public health
 - Should I eat this raw food?
 - Should I invest in vector surveillance for climate change preparedness?
- Public policy
 - Should I support a new policy affecting international trade in animals?
 - Is this industry safe enough to be allowed?



E	Environment	Loss of ecological services, reduced freedom of choice
7	Food and water	Hunger, inequitable access, malnutrition Water loss, biodiversity loss, soil fertility
	Disease	Emerging infections and chronic disease driven by global pressures
-\/-	Community	Disconnect from the land - Cultural cohesion Climate refugees (fires, water) - migration
¥	Economic	Income opportunities (agricultural, fisheries, tourism etc)



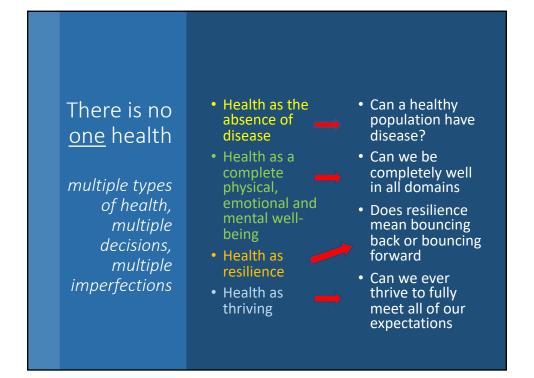




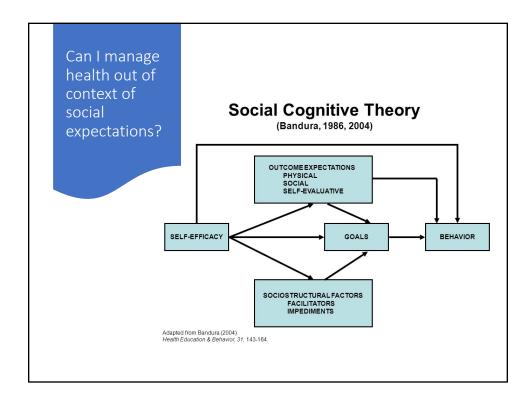
To understand health information, we need to understand health

Veterinary text and legislation adhere to the "health as the absence of disease" model

- Veterinary medicine has been a major proponent of One Health
- Most One Health is veterinary public health and/or disease ecology
- Very little deals with health



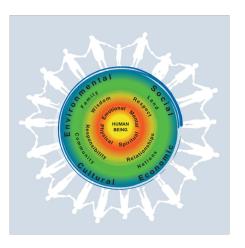


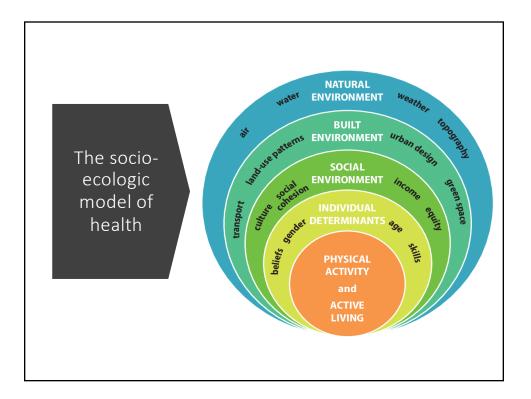


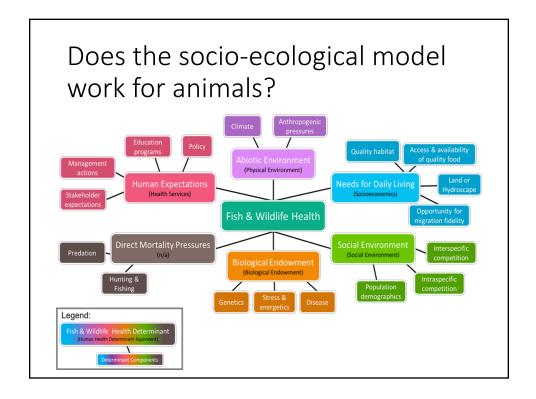


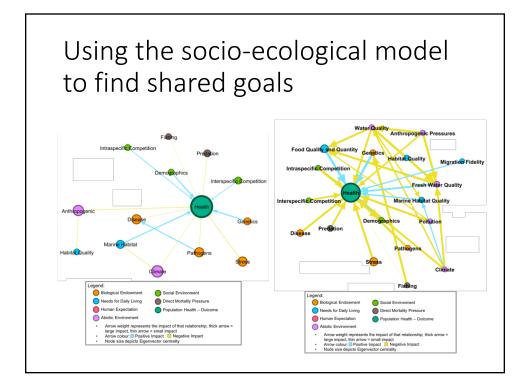
Conceptual model of health and wellness

- An empowering indicator
 - Not another measure of bad
 - Points a positive path forward
- Culture is a critical determinant of health
 - Connection to the land critical to culture

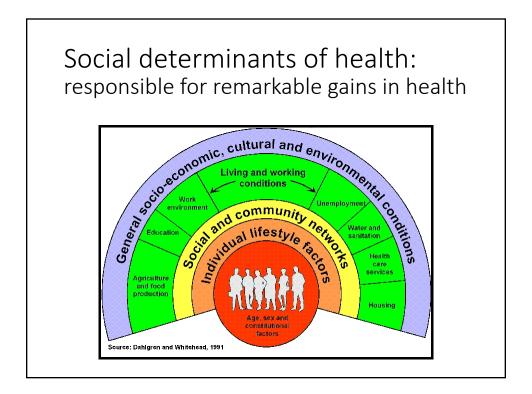


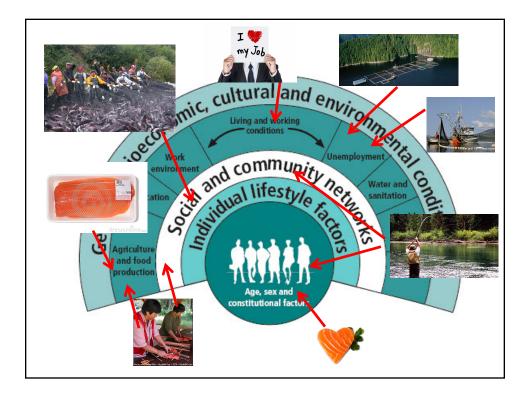


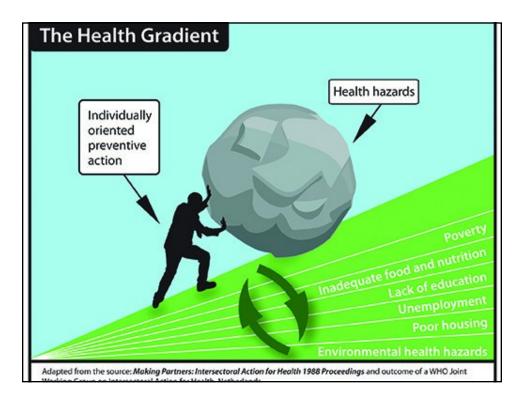


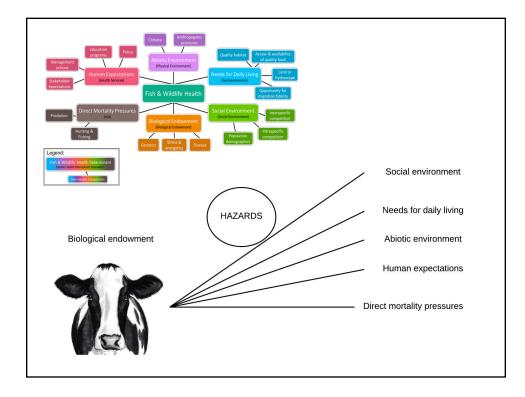




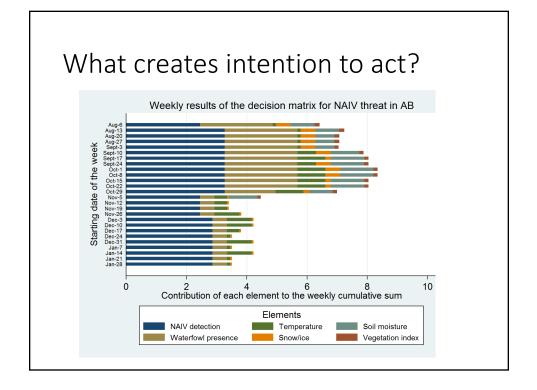


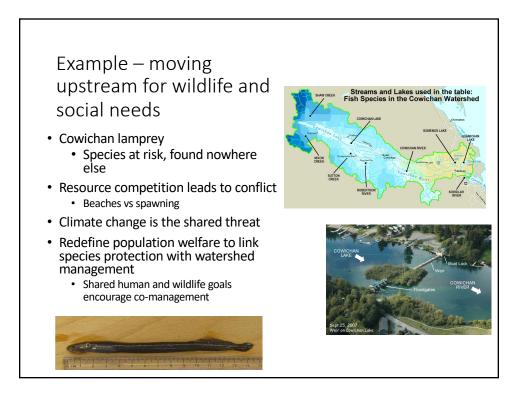


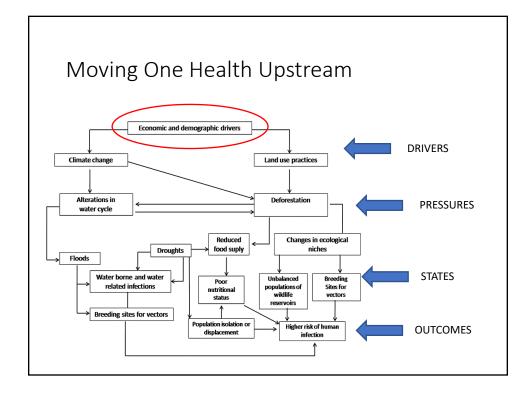


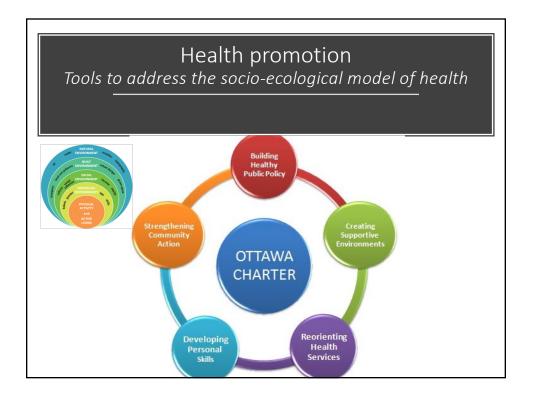


Downstream	Midstream	Upstream
The impacts we see	The capacities to stay healthy	The opportunities to use the capacities
Death/Longevity Productivity Diseases Injury		Policies Resources Attitudes and beliefs Social justice Environmental justice

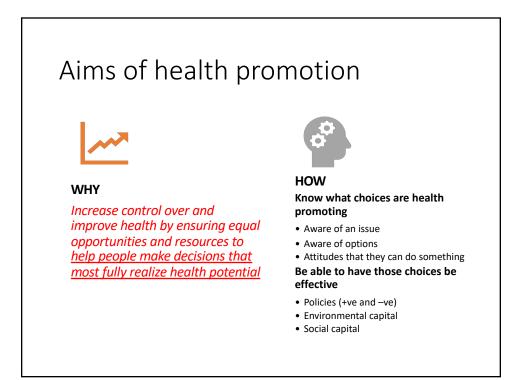






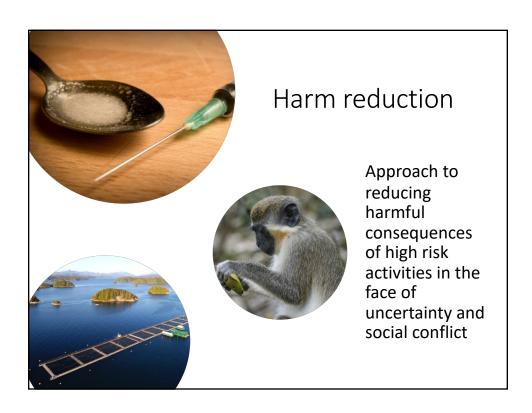


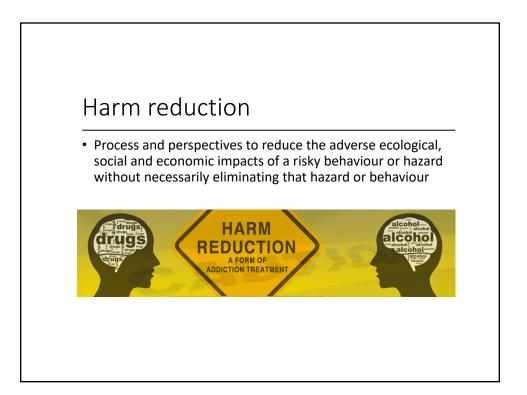
Making sure helping one doesn't harm another "The overall guiding principle [in health promotion policy] for the world, nations, regions and communities alike, is the need to encourage reciprocal maintenanceto take care of each other, our communities and our natural environment." -Ottawa Charter (1986)

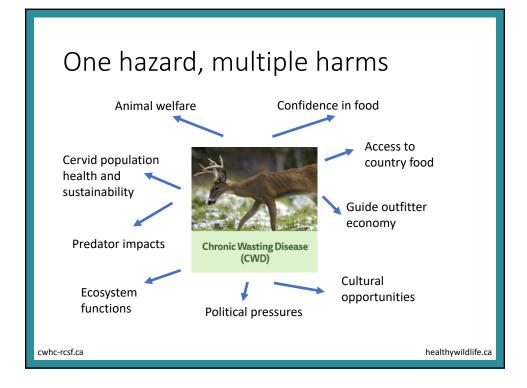


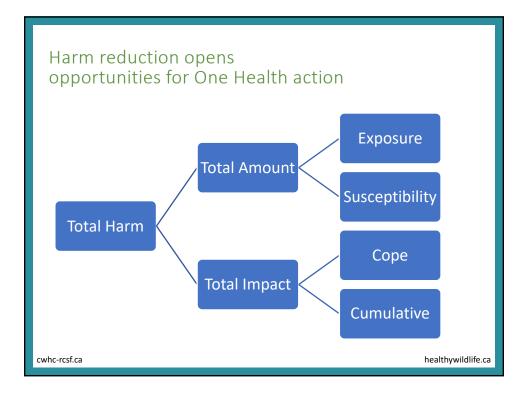


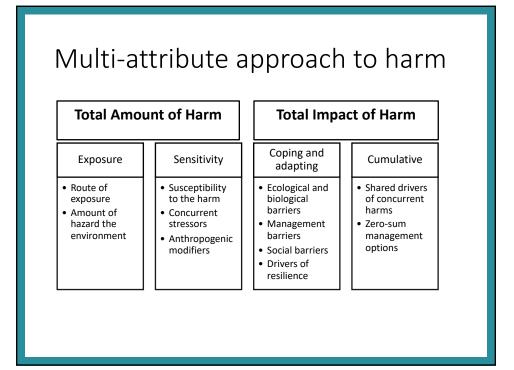


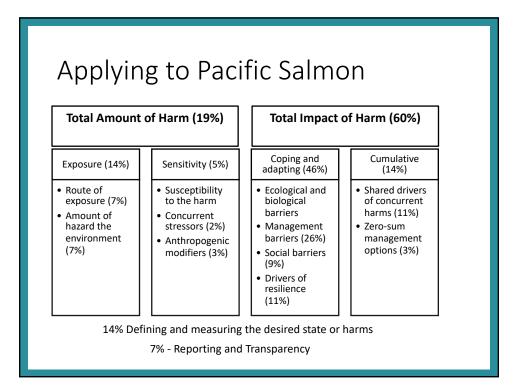


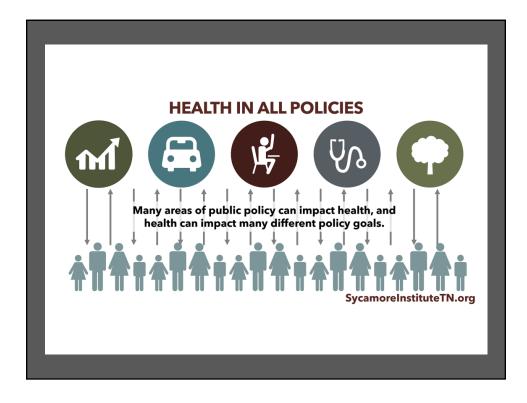


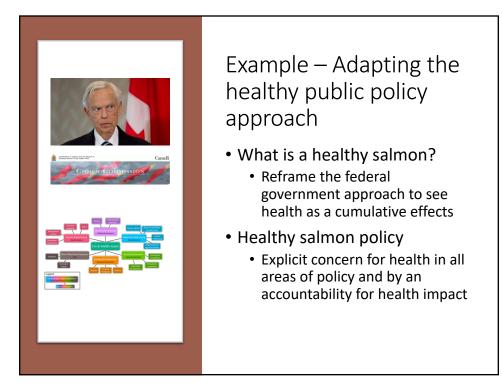












Tools

- Health as a socio-ecological construct
 - An aspiration with many influences and expectations
- Policy analysis
 Motivating social change
- Quantitative methods
 - Gather tacit knowledge, expert opinion and local knowledge to find something that will work for them
- Nature as a determinant of health and not cause of disease
 - Reframing nature as a partner and not a threat to find common values

Outcome

- Impacts
 - Opened people to new action options
 - Harm reduction
 - Healthy public policy
 - Injected some hope that positive change is possible
 - Animals determinants of health provide options for preventive action
 - Harm reduction
 - We can do something in the presence of uncertainty and conflict

