

# **One Health Collaborations in US State / Local Government & Policy Webinar – Part 2**

October 24, 2019

Hosted by the **One Health Commission** and the  
**International Student One Health Alliance**



# ISOHA



Neil Vezeau, BS



- ISOHA Trustee
  - Immediate past president
- 3rd-year DVM/MPH Student at Iowa State University

Anastasia Lambrou,  
BS, MPH



- ISOHA Trustee
  - Immediate past Vice President for Members
- 4th-year PhD Candidate at the Johns Hopkins Bloomberg School of Public Health

# International Student One Health Alliance



**ISOHA** aims to connect, create resources, and promote the One Health concept to students globally, irrespective of their field of study.



# Webinar Purpose & Goals

## Purpose:

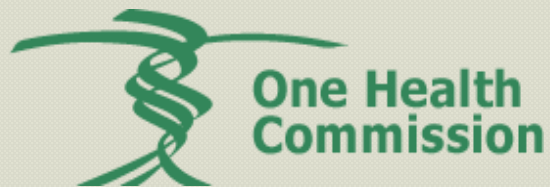
- Connect U.S. State and Local Governments working in One Health
- Create a forum for U.S. State and Local Governments working in One Health to share their experiences
- Initiate communications and collaborations between U.S. State and Local Governments working in One Health

## Attendees will:

- Learn who major change-makers are in One Health in U.S State and Local Governments
- Learn practices for promoting One Health collaboration in government
- Be able to apply this in their own One Health related-work
- Form a community/forum around One Health in State and Local Governments



Cheryl Stroud, DVM, PhD  
Executive Director



# Forming Collaborations that transcend disciplinary boundaries

Connect, Create, Educate



# ➤ Connecting One Health Stakeholders – we can accomplish more *together!*

One Health Commission logo and navigation menu (LEADERSHIP, DONORS / SPONSORS, GLOBAL EVENTS, NEWS, PROGRAMS, RESOURCES / SERVICES). A search bar and 'DONATE NOW' button are visible at the top.

Page title: **1st Intl Who's Who in OH Webinar (2014)**

Section: **RECORDINGS**

- Integrating One Health and Conservation**  
Gladys Kalema-Zikusoka, Founder and CEO, Ashoka Fellow, Conservation Through Public Health, Uganda  
Bio/ CV Watch Recorded Presentation Download PPT
- One Health or One Hell: What's Closer**  
Victor J. Dal Rio Vilas, PhD, MSc, DVM, MBA, Veterinary Public Health Advisor, Pan American Health Organization, Brazil  
Bio/ CV
- Inter-agency Collaboration on Zoonoses and the One Health Sweden Research Team**  
Karin Artursson, PhD, DVM, Research Coordinator at National Veterinary Institute, Uppsala, Sweden. Co-founder of One Health Sweden  
Bio/ CV Watch Recorded Presentation Download PPT

Text: The One Health Commission was pleased to host the 2014. This Webinar brought together noted One Health efforts while providing a forum for...

Image: 1st International WHO'S WHO IN ONE HEALTH 'Free' Online Webinar November 10, 2014. Sponsored by: the One Health Commission www.onehealthcommission.org/globalwebinar

URL: <http://bit.ly/2k7Uon>

Navigation menu: LEADERSHIP, DONORS / SPONSORS, GLOBAL EVENTS, NEWS, PROGRAMS, RESOURCES / SERVICES

Page title: **WHO's WHO in One Health**

Text: HOME » RESOURCES / SERVICES » WHO'S WHO IN ONE HEALTH

World map showing numerous red location pins across all continents, indicating global participation.

URL: <http://bit.ly/2s150x>

Navigation menu: LEADERSHIP, DONORS / SPONSORS, GLOBAL EVENTS, NEWS, PROGRAMS, RESOURCES / SERVICES

Page title: **JOIN the GLOBAL OH COMMUNITY LISTSERV**

Text: Sign-up to get global One Health news and updates from the One Health Commission delivered to your inbox.

Text: Click here to join our global listserv

Text: OHC Listserv Sign-up

URL: <http://bit.ly/2JIUC>

**One Health-Social Sciences Initiative**  
Engaging Social Scientists in the One Health Concept





- Educating about One Health and One Health Issues

## One Health Educational Resources



Basic Guide for developing K-12 One Health lessons

K-12 Educational Resources

<http://bit.ly/2tJy3l>

0

# One Health for One Planet (1HOPE) Education Initiative

## The World We Need

PREPARING SOCIETY TO CREATE THE WORLD WE NEED  
THROUGH ONE HEALTH EDUCATION

<http://bit.ly/2Ld6lF>

4

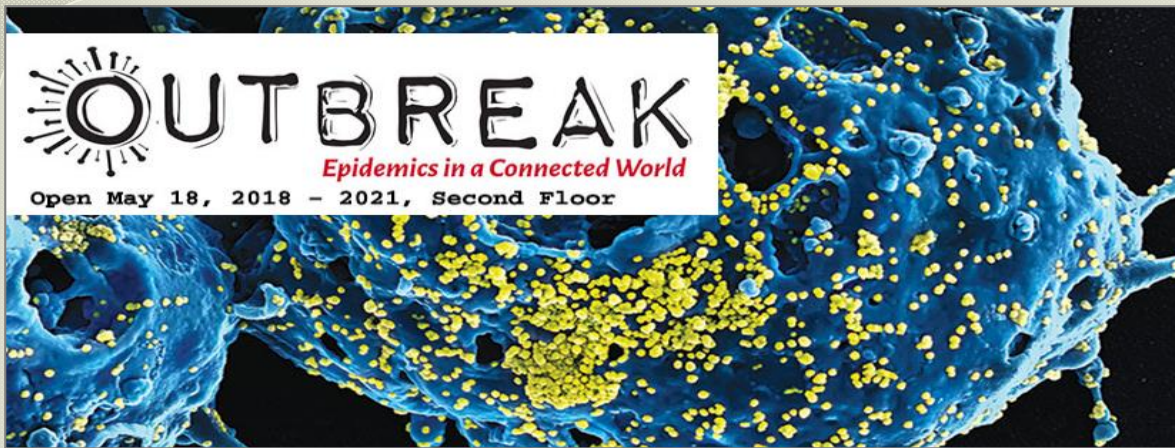


## OHC BRET- Bat Rabies Education Team

<http://bit.ly/2KF3JP>

8





2018



Smithsonian



116TH CONGRESS  
1ST SESSION

# S. 1903

To establish an interagency One Health Program, and for other purposes.

116TH CONGRESS  
1ST SESSION

# H. R. 3771

To establish an interagency One Health Program, and for other purpose

IN THE SENATE

Ms. SMITH (for herself  
was read twice  
Labor, and Pensi

IN THE HOUSE OF REPRESENTATIVES

JULY 16, 2019

Mr. SCHRADER (for himself and Mr. YOH0) introduced the following  
which was referred to the Committee on Energy and Commerce, an  
addition to the Committees on Agriculture, Natural Resources, and  
eign Affairs, for a period to be subsequently determined by the Spee  
in each case for consideration of such provisions as fall within the j  
diction of the committee concerned

To establish an

1 *Be it enacted*

2 *tives of the Un*

3 **SECTION 1. SE**

4 This Act

5 Preparedness

6 **SEC. 2. FINDIN**

## A BILL

To establish an interagency One Health Program, and fo  
other purposes.

1 *Be it enacted by the Senate and House of Representa-*

2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the "Advancing Emergency

5 Preparedness Through One Health Act of 2019".

6 **SEC. 2. FINDINGS.**



Senator Tina Smith



Senator Todd Young



Representative  
Kurt Schrader



Representative  
Ted Yoho



June 19, 2019

To establish in the US  
an Inter-Agency One Health Program  
July 16, 2019



ANNUAL **one health DAY** november 3

Promoting efforts around the world to bring together all human, animal, and environmental health disciplines

created and hosted by 

check [www.onehealthday.org](http://www.onehealthday.org) for more information



<http://bit.ly/2QYAaeD>

# Groups Featured today

October 24, 2019

## **Arizona One Health in Government**

Heather Venkat, DVM, MPH, DACVPM

## **Connecticut Global One Health Coalition**

Willow Lake, RN, MPH,

MA, REHS/RS

## **OH Awareness - Kentucky**

Kelly Giesbrecht, DVM,

MPH

## **Tennessee One Health Committee**

Mary-Margaret Fill, MD

## **University of Alaska Fairbanks Center for One Health Research**

Arleigh Reynolds, DVM or

Kelsey G Nicholson, MPH

## **Uxbridge, Massachusetts Board of Health**

# ARIZONA ONE HEALTH TOOLKIT



**TABLE OF CONTENTS**

- Purpose
- Background
- One Health
  - Zoonotic Diseases and Challenges to Arizona & Part A. Arizona State and Strategies for Enhancing Communication & Collaboration
  - Plagues
  - Figure 1. Communication Q Fever
  - Figure 2. Communication Rabies
  - Figure 3. Communication Protocol for Dogs & Cats Initiating Rabies Post Exposure Livestock
  - Initiating Rabies Post Exposure
  - Opportunities in Communication
  - Figure 4. Zoonotic Diseases
  - Figure 5. Current Collaborative Additional One Health Resources
  - One Health Partner County Health Departments
  - Resources for Zoonotic Human-Animal Interactions
  - References



**ONE HEALTH EXPLORATION DAY**

*One Health is the idea that the health of humans, animals, and the environment are all connected.*

Arizona teens ages 13-17 are invited to attend a **FREE** interactive One Health career exploration workshop!

**Tuesday, August 16, 2016 – 8:00am – 5:00pm**  
 (Breakfast & lunch provided)  
 Black Canyon Conference Center  
 9940 N. 25th Ave. Phoenix, AZ 85021

- Learn about Public Health, Veterinary Medicine, Animal Agriculture, Wildlife Biology & more.
- Network with Arizona professionals in these fields.
- Become a Disease Detective and One Health Champion!



**2019 Southwest One Health Symposium**



## One Health & You!

*One Health is the idea that the health of humans, animals and the environment are all connected.*

**Why One Health Matters**

- People depend on animals for food, companionship, recreation, and work.
- Animals depend on people for care, protection, medical needs, healthy diets, and safe homes and habitats.
- People and animals depend on clean air, water, and a healthy and balanced environment.

**Working Together**

One Health involves communication and collaboration between many different people working in the areas of human, animal, and environmental health.

**You Can Help!**

- Wash your hands to keep people, animals, and the environment free from germs.
- Promote a healthy lifestyle for people and animals. Eat well and exercise.
- Keep your animals healthy. Take them to a veterinarian when they are sick.
- Keep wildlife safe. Do not try to touch them or destroy their habitats.
- Keep the environment clean. Keep trash off the ground and out of the water.
- Stay educated. Learn how diseases can spread between people and animals.
- Become a One Health Champion!

**Careers in One Health**

- Human Medicine
- Animal Medicine
- Food Safety
- Wildlife Biology
- Government
- Environmental Science
- Ecology
- Public Health
- Conservation
- Epidemiology
- Research

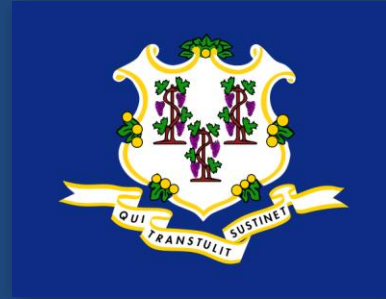
**Stu Flu**



# CONNECTICUT DEPARTMENT OF AGRICULTURE

Willow Lake RN, MPH, MA, REHS/RS

Agriculture Marketing and Inspection Representative II  
Co-chair: Connecticut Global One Health Coalition



# Connecticut Global One Health Coalition

- How did the project or group begin? Our group started with the vision to connect state agencies, stakeholders, and educators to promote the One Health Framework.
- What stakeholders are involved? CT DoAg, USDA, UConn Extension, UConn Medical, Yale, CT DPH, stakeholders.
- What is the structuring and funding like? Run through the CT Dept. of Agriculture. No separate funding.
- Successes: Program and course development. Increased collaborations and interest.
- Challenges, funding, policy, siloed thinking.

# Systems Approach to Healthy People

## 2020 Topics

- Legislative Proposal 2018 “An Act Concerning Creation of a One Health Coalition.”
- Bureau of Regulatory Services: Responsible for administering Agriculture's regulatory functions relative to public health and safety, animal health and food safety utilizing a multidisciplinary collaborative approach.
- Partnerships increased as: Member of State Health Improvement Plan Healthy Connecticut 2020, Partners Integrating Efforts and Improving Population Health (Maternal Infant and Child, Environmental Health, chronic and Infectious disease prevention, Injury and Violence Prevention, mental health, health systems).
- Food Safety Committee
- Collaborative Team member on the development of a voluntary initiative to create a rapid response team on food safety in Connecticut related to food and animal feed.



# BUREAU OF REGULATORY SERVICES

## ZOONOTIC DISEASE

### Animal Health and Office of the State Veterinarian

- Animal and Poultry Disease Prevention and Control Programs, on farm site visits to obtain samples directly from animals and products
- Active and Passive Animal Disease Surveillance Testing, Brucellosis, Avian influenza, rabies
- Inspections at Major Agricultural Fairs for animal health compliance.
- Animal Movement Control
- Animal Disease Traceability and Animal I.D.
- Quarantine Orders
- Emergency Animal Disease Response Activities
- Owners exhibiting animals at fairs and other events must comply with the Department's fair and show requirements. These can be found at the link below.
- Partnerships with Public Health, USDA, local health departments, consumer protection and stakeholders.



# Produce Safety and Agritourism



- Development of a regulatory inspection program for farms that grow, harvest, pack and hold fresh fruits and vegetables sold for human consumption.
- Authorized by Public Act No. 17-208 which designated DoAg as the state agency to implement the Food Safety Modernization Act's Produce Safety Rule. A cooperative agreement with the FDA provides funding for this program.
- Many produce farms have "Pick your Own" and "Community Supported Agriculture" (CSA) operations. These events invite the public to enter the farms, tour fields, pick their own produce and vegetables while interacting with any animals that may be present.
- DoAg's produce safety activities aim to reduce the risk of microbial contamination in fresh fruit and vegetables grown in Connecticut and assist this state's farmers with access to markets.
- Partnerships with Public Health, USDA, local health departments, consumer protection and stakeholders

# Animal Feed in Agritourism

- Through FDA, the Animal Feed Regulatory Program Standards (AFRPS) are being implemented within the Department's Animal Feed Program. This program serves as the basis to evaluate and improve aspects of feed regulation in Connecticut.
- The Food Safety Modernization Act Preventive Controls for Animal Food has established safety requirements for animal feed manufacturing, processing, packing, and holding animal food which include current good manufacturing practices and food safety plans.
- Federal and State regulations safeguard animal feed to ensure that it is unadulterated and safe.
- The Connecticut Animal Feed Program collects feed samples for testing; inspects feed facilities; registers and reviews pet food, pet treat, and animal feed labels; assists with recalls (if necessary); and investigates complaints related to animal feeds.
- Partnerships with Public Health, USDA, local health departments, consumer protection and stakeholders
- Promotion of the Animals in Public Places Compendium for local and state public health professionals as well as industry stakeholders.

# BUREAU OF AQUACULTURE



CT Shellfish Program operates as part of the **National Shellfish Sanitation Program (NSSP)**

CT's program falls under the jurisdiction of the **CT Department of Agriculture Bureau of Aquaculture** who act as the **State Shellfish Control Authority**

NSSP is a cooperative program consisting of State, FDA, and Industry partners



# AG WELLNESS

- DEVELOPMENT OF A NEW AG WELLNESS COMMITTEE
- PARTNERSHIPS ARE ESSENTIAL - working with stakeholders, UCONN Extension, other state, local, federal agencies in assessing the need for outreach and education on mental health and suicide prevention in all professional communities related to agriculture. One Health approach in economic impact, social and health disparity impacts related to outbreak response and prevention.
- Target Audiences are stakeholders, business partners, industry partners, veterinarians, youth groups, and families.

# Education and Outreach

- Webinar offered on “CT Train” for environmental and public health professionals in collaboration with Yale University, CT DPH and USDA. Offered as a Continuing education credit. Utilizing a case study to demonstrate partnerships and collaborative roles in an outbreak situation. Offered through out the East Coast.
- Development Course to be offered between the UCONN School of Medicine, Community Health and Medicine, UCONN College of Agriculture Health and Environmental Resources that would function as a capstone requirement for undergraduates and an elective for MPH and medical and dental students.

# Education and Outreach cont.

- UCONN School of Medicine, Community Health and Medicine development of a Individualized Learning experience for Medical students that utilizes field visits and case studies to demonstrate the partnerships in outbreak situations related to zoonosis, food safety, environmental contamination ect.
- UCONN School of Medicine, Community Health and Medicine development of a semester long curriculum for graduate students in public health, medical and dental students that utilizes the systems approach, risk assessments and case studies to demonstrate the partnerships in outbreak situations related to zoonosis, food safety, environmental contamination ect.
- Development of a high school camp offered by the UCONN School of Medicine, Community Health and Medicine to potential public health students utilizing One Health approach.

# MARKETING DIVISION

## PROGRAM LEAD: ERIN WINDHAM

Member of CT Food Action Plan: goal is to organize all food actors toward one food system to identify regulatory changes and policy recommendations. Supporting farms and food businesses to ensure food access and utilization of sustainable farming practices. Utilizes Farm Aid, John Merck Fund, Hartford Foundation of Public Giving, Connecticut Food System Alliance, working with Food Share: engaged state and government legislature, farmland access trainings, farmer networking, developing local food policy councils.

Utilize USDA and CT Data Haven data to create base information on food security this will be utilized to identify where change/improvements may be made and what are strengths are.

Goals are SNAP, Federal Nutrition Programs, urban Agriculture, food retail, farmland preservation and participation in the national state food action plan summit in Detroit.



# Social Media

## Program Lead: Rebecca Eddy

- Multiyear, Statewide Marketing and Advertising Campaign: RADIO, DIGITAL, PRINT, EVENT, AND SOCIAL MEDIA ADVERTISEMENTS
- Connecticut Milk Promotion Board sponsored Dairy Day at the Hartford Yard Goats baseball park on June 9, 2019, to increase awareness and promote June Dairy Month activities happening on farms throughout the state. Partnering agencies and/or organizations, if any: DAS, Connecticut Department of Public Health (DPH), Journal Communications/Farm Flavor Media, Hartford Yard Goats, and program participants.
- Connecticut Grown along with the Connecticut Farm Wine Development Council, Connecticut Seafood Council, and Connecticut Milk Promotion Board to support the third annual Connecticut Grown magazine released in May 2019. It was produced by Journal Communications/Farm Flavor Media and funded through advertisements. The publication, produced in both print and interactive online formats, educates consumers, policy makers, and other stakeholders about Connecticut agriculture
- The Connecticut Farm Wine Development Council, Connecticut Seafood Council and Connecticut Milk Promotion Board, under the administration of DoAg, are promoted to increase consumer awareness and increase sales.
- Connecticut's dairy farm families are promoted in conjunction with the Connecticut Milk Promotion Board, which promotes consumers to visit their website to meet a local dairy farmer and encourages visits to and sales of milk and added-value dairy products.

# Social Media cont.

- DoAg continues an active social media campaign building on prior years. To promote Connecticut Grown products, increase awareness of DoAg programs and services, and better connect with consumers about the importance of Connecticut agriculture.
- To date DoAg's eight Facebook pages have reached a total of more than 34,700 fans combined, an increase of 50% over 2018 with more than 1.2 million people reached with messages and information related to Connecticut agriculture.

# MARKETING DIVISION

## PROGRAM LEAD: JAMIE SMITH

- WIC and SNAP programs
- Working on food distribution
- Closing health and social disparity gaps to promote food access and increase economic contribution of agriculture.

# UConn

College of Agriculture, Health and Natural Resources

- Students for One Health Organization:  
<https://uconntact.uconn.edu/organization/onehealth>
- Global One Health: Irish and US Perspectives, three credits, Students benefit from Dr. Shelia Andrew's and Dr. Sandra Bushmich's connections in dairy and cheese production and aquaculture, meeting with leaders in the industries in the United States and Ireland.

# CONNECTICUT

## DEPARTMENT OF AGRICULTURE

**Bruce A. Sherman, DVM, MPH**

Director Bureau of Regulatory Services

Co-chair: Connecticut Global One Health Coalition

Tel.#: 860-713-2504

Email: [bruce.sherman@ct.gov](mailto:bruce.sherman@ct.gov)

Willow Lake, MPH, MA, REHS/RS, RN

Tel.#: 860-713-2504 Email: [willow.lake@ct.gov](mailto:willow.lake@ct.gov)

Jaime Lizee Smith, Marketing and Inspection  
Representative, 860-713-2559, [jaime.smith@ct.gov](mailto:jaime.smith@ct.gov)

Rebecca Eddy, Marketing and Inspection  
Representative, 860-713-2538, [rebecca.eddy@ct.gov](mailto:rebecca.eddy@ct.gov)

Erin Windham, Marketing and Inspection  
Representative, 860-713-2543, [erin.windham@ct.gov](mailto:erin.windham@ct.gov)

# Kentucky One Health Awareness

Kelly H. Giesbrecht, DVM, MPH  
State Public Health Veterinarian

**October 24, 2019**



**Kentucky Public Health**  
Prevent. Promote. Protect.

Dr. Angela Dearing, *Commissioner*

# Quarterly Meetings

- Hold quarterly meetings
- Change the location to accommodate different professionals and agencies
- Partners:
  - KY Dept. of Fish & Wildlife
  - KY Dept. of Agriculture
  - Univ. of Kentucky
  - USDA/APHIS
  - Humane Society
  - KY Dept. for public Health
  - KY. Division of Lab Services
- Topics:
  - Vector Surveillance
  - Chronic Wasting Disease
  - Campylobacter in Puppies
  - Ticks in Kentucky
  - Leishmaniosis
  - Rabies coordination between agencies
  - Networking time



# Annual Conference

- New for 2020!
- In coordination with KY Dept. of Agriculture, 1 day conference, 1<sup>st</sup> quarter
- Theme: Vector-borne Disease & Issues
- Lunch will be provided
- Hope to get more MD's & students involved



**Kentucky Public Health**  
Prevent. Promote. Protect.



# One Health Approach: Events

- **Bat Exposure in a Camp:**

- Three groups of exposed campers
- Located, interviewed and assessed need for rabies PEP
- 87 contacted using novel methods due to poor contact information



- **Coordination with:**

- KY Dept. for Fish & Wildlife
- Preparedness
- University of Kentucky
- Regional Epidemiologists
- Local Health Depts.
- KY Dept. for Public Health

# One Health Approach: Events

- **Tularemia:**

- 20 dead rabbits in a field used for beagle trials
- Rabbit tested positive: Tularemia
- Closed fields to evaluate for tularemia health risk
- Call trial participants
- Conduct tick drags
- Test Ticks for Tularemia
- Soil testing



- **Coordination with:**

- KY Dept. for Fish & Wildlife
- Preparedness & Emergency Management
- CDC
- Eastern KY University, University of KY.
- Barren River Health Department
- KY. Dept. for Public Health
- Breathitt Veterinary Lab
- US Geological Survey
- KY. Dept. of Agriculture



## Areas for Improvements

- More networking
- More joint projects
- More medical staff involvement
- Networking with other states for idea sharing

**Glad to be part of the multistate Tick  
Surveillance Working group!**



# Thank you!

Kelly H. Giesbrecht, DVM, MPH  
KY State Public Health Veterinarian



**Kentucky Public Health**

Prevent. Promote. Protect.

---



# Tennessee One Health Committee

Mary-Margaret A. Fill, MD  
Tennessee Department of Health  
One Health Commission Webinar | October 24, 2019

TN

# Tennessee One Health Committee

- Established in 2009
- Co-led by the Tennessee Department of Health and Tennessee Department of Agriculture



# Tennessee One Health Meetings

- Meet bimonthly (6 times per year)
- 1.5 hour meetings
  - Location rotates
  - In-person attendees and broadcast via webinar
  - Content: 2 educational presentations + updates

Meeting Date	Location	Presenter 1	Topic 1	Presenter 2	Topic 2	Presenter 3	Topic 3
11/8/2018	Ag (Porter)	Douglas Meckes	NC Hurricane Response	Tyler Means/Danny Ripley	Salmonella Outbreak		
1/31/2019	State Lab	Walter Cook	CWD Response	Sara Clariday	CWD Response		
3/28/2019	Ag (Porter)	Jesse Tussing	USDA-WS Feral Swine Program	Leslie Seraphin	Asian Long-Horned Tick		
5/23/2019	Ag (Porter)	Kate Varela	CDC One Health	Leslie Seraphin	RB51	John Dunn	Raw Milk in TN
7/25/2019	TEMA	Jeremy Hooper	PFAS	Mugdha Golwalkar	E. coli O103 Outbreak		
9/26/2019	Ag (Holeman)	Ann Garvey / Katie Rumsey	Opioids / Vets	Samir Hanna	Live poultry Salmonella		



# Example Collaborations

- HPAI Outbreak (2017)
- Seoul virus infections (2016–2017)
- *Salmonella* infections in backyard flocks (annually ...)
- Harmful algal blooms (2019)
- *Streptococcus zooepidemicus* in swine facility (2019)
- Chronic wasting disease (2018)



# Possible Future Directions

- Expand to include other agencies and academic partners
- Annual One Health Day event
- Collaborate with neighboring states on projects
- ... and more!

*Thank you!*

Contact: [One.Health@tn.gov](mailto:One.Health@tn.gov)  
with questions

[Website:](#)  
Tennessee One Health



# One Health in the Circumpolar North:

Where are we now  
and where can we go?



ONE HEALTH

University of Alaska Fairbanks

One Health recognizes the interdependence of human, animal, and environmental health, and that a holistic approach to the wellbeing of all will lead to improved health outcomes and enhanced resilience.



One Health has always been  
part of an Indigenous worldview  
providing a vision for a sustainable future.



# Center for One Health Research - A Holistic Approach



- Not only absence of disease
- Individual and community health and well-being
- Physical health
- Mental health
- Behavioral health
- Cultural health
- Spiritual health



# ONE HEALTH



# Our One Health Initiative:

## A three pronged approach

RESEARCH



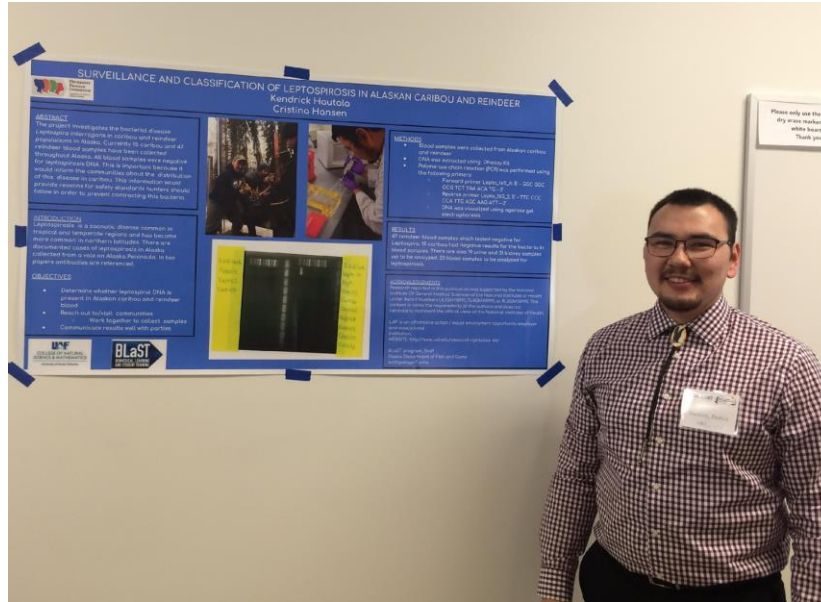
EDUCATION



OUTREACH



# RESEARCH



## Existing programs:

- INBRE IV
- BLaST
- CANHR
- WLTL





# RESEARCH



## New programs:

- Authentic partnership across Alaska: UA system, ANTHC, CDC, SCF, YKHC, community leaders
- Build interdisciplinary teams
- Facilitate grant writing and research mentorship at all levels



# EDUCATION

## Current Efforts:

- Veterinary Medicine
- One Health Masters
- SEPA RASOR
- ACHILL



# OUTREACH



## Existing Programs:

- Frank Attla Youth and Sled Dog Care Program
- HOP Y-K delta
- WOTA Workshop
- One Health, One Future



# Upcoming Meetings



- **One Health, One Future 2020  
International Meeting**  
March 11-14, 2020
- [https://www.uaf.edu/onehealth/events/2020\\_conference/index.php](https://www.uaf.edu/onehealth/events/2020_conference/index.php)



ONE HEALTH, ONE FUTURE

MARCH 11-14, 2020

## One Health - Planning Committee

Arleigh Reynolds, ([ajreynolds@alaska.edu](mailto:ajreynolds@alaska.edu))

Mary Ehrlander

Pips Veazey

Stacy Rasmus

Brian Barnes

## Kelsey Nicholson

Program Coordinator

[klnicholson2@alaska.edu](mailto:klnicholson2@alaska.edu)

Tel: 474-6610

## Marie Olesen

Events Manager

Tel: 474-2679



ONE HEALTH

University of Alaska Fairbanks

ONE HEALTH



# One Health at the Local Level

Joann Lindenmayer DVM,  
MPH

Board of Health  
Uxbridge, MA

# Why is One Health important at the local level?

- ❑ Politician's constituencies can advocate for One Health-related approaches and initiatives
- ❑ The “grassroots approach” complements major policy initiatives



# Blackstone River Watershed



Uxbridge,  
Massachusetts



# One Health Initiatives at the Local Level

- ❑ Municipal Vulnerability Planning
- ❑ Training first responders in pet rescue
- ❑ Vector-borne diseases
  - ❑ Eastern Equine Encephalitis, West Nile Virus
  - ❑ Lyme Disease
- ❑ Community Emergency Management Plan (CEMP)
- ❑ Minimum Animal Keeping Standards



# Minimum Animal Keeping Standards

- ❓ Purpose: As the Uxbridge Board of Health is responsible for the protection of public health, safety and welfare in Uxbridge, and the **health of the public is dependent upon the health and welfare of animals and the environment**, these regulations are promulgated to provide for the orderly licensing and regulation of domestic animals, to provide minimum standards for their well-being and safe keeping, to prevent and/or punish the improper care and training of said animals, **to assist planning for potential disaster and bioterrorism events**, and to enable residents to have the opportunity to participate in the growing national trend for responsible, small scale agricultural production and commercial enterprises involving animals that do not meet the definition of commercial agriculture.



# Animal Keeping Standards Highlights

- ❑ Exempts service dogs, police dogs and dogs owned by persons over 70 years from license fees
- ❑ Housing standards for commercial kennels, including lighting, ventilation, fire prevention
- ❑ Requires plot plan with details for manure disposal, pest and feed management for livestock
- ❑ Allows keeping 7 backyard chickens
- ❑ Prohibits keeping poisonous snakes, reptiles
- ❑ Under discussion: to ban or issue temporary permit for display of animals for entertainment, amusement
- ❑ Persons convicted of cruelty to animals prohibited from owning animals for 4 years
- ❑ Absolves good Samaritans who free animals from hot/cold cars from liability for damage to vehicle





# THANK YOU

Joann Lindenmayer DVM, MPH  
[joann.lindenmayer@gmail.com](mailto:joann.lindenmayer@gmail.com)  
Mobile: (617) 771-7823

# Discussion

---

- How do we want to continue building this One Health / Public Health community?
  - Partner with any existing organizations of public health workers?
- Would you be interested to learn how international governmental agency groups are implementing One Health?

# Thank you for participating!



Contact us  
*and each other!*



**Neil Vezeau:**  
neil.vezeau@gmail.com

**Anastasia Lambrou:**  
anastasia.lambrou@jhu.edu

**Cheryl Stroud:**  
cstroud@onehealthcommission.org