Environmental Health Programming that Inspires and Excites

Monday, October 7, 2019 | 1:00-2:00 pm EASTERN
Agenda

1. Learning Objectives & Introductions
2. Framing the Session
3. Perspective from CEPH
4. Two Exemplars
5. Roundtable Speaker Chat + Discussion with the Audience
Join the Conversation...

- You can ask questions in writing anytime during the webinar.

- Simply type them in the “Questions” field on the right side of your screen.
Learning Objectives

• Describe a One Health approach to teaching environmental health
• Describe a climate-oriented approach to teaching environmental health
Featuring

Moderator
David T. Dyjack, Dr.PH, CIH
Executive Director, National Environmental Health Association

Presenter
Mollie Mulvanity, MPH, CAE
Deputy Director
Council on Education for Public Health
Featuring

Presenter
Marisa Bunning, PhD
Professor and Extension Specialist
Food Safety, Food Science and Human Nutrition,
Colorado State University Colorado School of
Public Health

Presenter
Jeffrey Shaman, PhD
Professor, Department of Environmental Health Sciences
Director, Climate and Health Program
Columbia University Mailman School of Public Health
Moderator’s Framing Remarks

David T. Dyjack, Dr.PH, CIH
Executive Director
National Environmental Health Association
Presenter #1

Mollie Mulvanity, MPH, CAE
Deputy Director
Council on Education for Public Health
Degree Programs in Flux
Degrees Added!

BSPH env health (2)
DPHSEH
DrPH env & occ health (3)
MA disaster mgmt
MHS One Health
MPH One Health (2)
MPH env health: One Health
MPH env systems & human health
MPH global health & env
MPH health, safety, & environment

MS climate & health
MS env health sciences
MS toxicology
MSPH toxicity testing & human health
risk assess of env agents
PhD env health
PhD env health sciences: brain, behavior and the env
PhD env health sciences: env
toxicology

Degrees Changed

MPH in env & occ health is now MPH global health & biosecurity
DrPH in env & occ health is now PhD env & planetary health sciences
MPH occ safety & health
NEHA’s Definition of an Environmental Health Professional or Specialist

- Investigate, sample, measure, and assess hazardous environmental agents in various environmental media and settings;
- Recommend and apply protective interventions that control hazards to health;
- Develop, promote, and enforce guidelines, policies, laws, and regulations;
- Develop and provide health communications and educational materials;
- Manage and lead environmental health units within organizations;
- Perform systems analysis;
- Engage community members to understand, address, and resolve problems;
- Review construction and land use plans and make recommendations;
- Interpret research utilizing science and evidence to understand the relationship between health and environment; and
- Interpret data and prepare technical summaries and reports.

Major Goals for Revised Criteria

• Ensure quality of public health education
• Increase flexibility and opportunities for innovation
• Simplify and reduce the reporting burden
Presenter #2

Marisa Bunning, PhD
Professor and Extension Specialist
Food Safety, Food Science and Human Nutrition
Colorado State University Colorado School of Public Health
The concentration in Animals, People, & the Environment supports the One Health concept of collaboration across disciplines for the health of humans, animals, and the world in which we live.
Disciplinary support exists on and off campus.
APE Concentration Electives Represent a Wide Range of Disciplines

- Agriculture
- Animal Sciences
- Environmental Health
- EH Occupational Health
- Epidemiology
- Food Science & Human Nutrition
- Food Technology
- Microbiology
- Natural Resources
- Political Science
- Psychology
- Sociology
- Veterinary Medicine
Environmental Health is an Integral Part of APE Core Competencies

• **Analyze** how social, political and cultural differences can impact public perceptions about how human, environment and animal interactions affect public health, social well-being and environmental health

• **Identify** ways in which agricultural and human incursion positively and adversely impact environmental and ecological health, and develop methods of minimizing negative impacts

• **Analyze** issues regarding awareness and communication that impact optimal collaboration between human, animal, and environmental health professionals
Practicum and capstone project helps enrich gorilla and human health.

Guidance for Schoolyard Poultry Programs

Evaluating transmission and environmental contamination of H7N9 influenza virus

A few examples of APE projects

Thank a Farmer Video: Bridging the Gap between Public Health and Agriculture
MPH & MPH/DVM Graduates from APE

- **Environmental Specialist** with Colorado Dept. of Health & Environment
- **Swine Program Director** with the National Wildlife Research Center
- **Project Manager** for Global Mapping and Strategic Outreach at CSU
- **Public Health Officer** with the U.S. Air Force
- **Senior Environmental Health Specialist** with City of Aspen
- **Medical Entomologist and Zoonoses Epidemiologist** with CDPHE
- **Biologist** with CDC Vector-Borne Diseases Branch
- **Data Visualization and Policy Analyst** with the Colorado Health Institute
Presenter #4

Jeffrey Shaman, PhD
Professor, Department of Environmental Health Sciences,
Director, Climate and Health Program,
Columbia University Mailman School of Public Health
Roundtable Chat Facilitated by Our Moderator

Dr. David Dyjack, Moderator

Ms. Mollie Mulvanity, Speaker

Dr. Marisa Bunning, Speaker

Dr. Jeffrey Shaman, Speaker
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My question is...
Something to Say?

https://onlinelearninginsights.wordpress.com/2013/10/01/how-to-promote-critical-thinking-with-online-discussion-forums/
Upcoming Webinars

**Managing Compliance Challenges Involving Global Collaborators**
Friday October 11 @ 2:00 pm - 3:00 pm ET

**400 Years of Inequality – A Public Health Perspective to Eliminate Racial Disparities**
Wednesday October 16 @ 11:00 am - 12:00 pm ET

https://www.aspph.org/event/
Coming Attractions

2020 ASPPH Annual Meeting  
March 18-20

https://www.aspph.org/event/2020ugphsummit/

Undergraduate Summit  
MARCH 20

https://www.aspph.org/event/2020annualmeeting/
Appreciation to Today’s Speakers!

Dr. David Dyjack

Ms. Mollie Mulvanity

Dr. Marisa Bunning

Dr. Jeffrey Shaman
Thank You Attendees!

This webinar has been recorded and will be available on the webinar event page on the ASPPH website soon:


Contact: bbrickman@aspph.org