Session Title

Sick about Climate Change: How Changing Environmental Conditions Impact Emerging Disease

Session Date/Time/Location

Tuesday, October 7
4:30 -6 p.m.
LSC Grey Rock

Organizer and Moderator

Sue VandeWoude
Associate Dean for Research and Graduate Education
College of Veterinary Medicine and Biomedical Sciences
Colorado State University

Session Summary

Federal agencies and advisory groups such as the AAAS have issued reports documenting the significant impact of climate change on human and animal disease emergence globally. These include direct impacts such as consequences of acute heat stress and severe flooding on health and safety, long-term exposure to harmful radiation subsequent to a degrading ozone layer, and pulmonary diseases directly resulting from exposure to particulates. In addition, indirect effects related to climate change environmental impacts on pathogen persistence and the food web are also already being observed. This panel will provide an overview of this issue and will evaluate specific emergent disease issues related to climate change, including waterborne and insect-borne diseases, and impacts of climate change on health of native populations.
Panelists

Ben Beard
Associate Director for Climate Change
Chief, Bacterial Diseases Branch, Division of Vector-Borne Disease
CDC Regional Center for Emerging and Zoonotic Infectious Diseases
*Climate Change and Emerging Vector Borne Disease*

Elizabeth Carlton
Assistant Professor
University of Colorado, Denver
*Climate Change and Waterborne Disease*

James Berner, MD
Senior Director for Science, Center for Climate Change and Health
Alaska Native Tribal Health Consortium
*Climate Change In The Circumpolar North: Health Implications*