UNIVERSITY OF NEBRASKA MEDICAL CENTER™
COLLEGE OF PUBLIC HEALTH

Project ECHO®

Building Climate-Resilient Health Systems

With Jesse Eugene Bell, Ph.D.

Tuesday, January 17, 2023, 12:00 p.m. – 1:00 p.m. CT/11:00 a.m. – 12:00 p.m. MT

Register HERE!

Extreme weather and climate events (i.e., heat waves, severe weather, and floods) are influenced by climate change. These extreme events cause significant human morbidity and mortality. Although there is a declining trend in adverse health impacts from extreme events, it is unclear how changes in societal and environmental factors will alter this in the future. Human-caused climate change is increasing the frequency and intensity of many extreme events, along with the probability of compound events. These trends are projected to accelerate with certain future greenhouse gas emissions scenarios. Although it is unlikely for us to avoid these climate impacts, the health risks of these events are preventable by building climate-resilient health systems with improved risk reduction, preparation, response, and recovery.

Who Should Attend?

- ✓ **Critical Access Hospital Staff**
- ✓ **Long-Term Care Facility Staff**
- ✓ **Hospital Human Resource Managers**
- ✓ **Healthcare Leaders**
- ✓ **Public Health Professionals**
- ✓ **Emergency Preparedness Professionals**

For more information about the UNMC College of Public Health's ECHO program for Critical Access Hospitals, click here.

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Dr. Jesse E. Bell is the Claire M. Hubbard Professor of Water, Climate, and Health in the Department of Environmental, Agricultural, and Occupational Health at the University of Nebraska Medical Center and the School of Natural Resources within the Institute of Agriculture and Natural Resources at the University of Nebraska-Lincoln. He is also the director of the Water, Climate and Health Program at UNMC and the director of Water, Climate and Health at the University of Nebraska's Daugherty Water for Food Global Institute. His expertise and research are focused on understanding the impacts of changes in the environment and climate on natural and human processes. Before coming to UNMC, Dr. Bell developed and served as the first individual to hold an interagency position between the National Oceanic and Atmospheric Administration (NOAA) and the Centers for Disease Control and Prevention (CDC). He was a lead author for the U.S. Global Change Research Program report "The Impacts of Climate Change on Human Health in the United States: A Scientific Assessment" that was released by the White House in 2016. He also served on the White House Pandemic Prediction and Forecasting Working Group and assisted with a project focused on forecasting dengue fever outbreaks. Dr. Bell is a reviewer for the annual Lancet Countdown: Tracking Progress on Health and Climate Change and a contributing author on the United Nations Water Scarcity in Agriculture (WASAG) Working Group report titled, "Thinking ahead: Drought resilience and COVID-19". He is also serves as a Faculty Fellow for the National Strategic Research Institute. Dr. Bell received his Ph.D. from the University of Oklahoma and is a native Nebraskan.