



## John Lowe

As an Associate Professor of Environmental, Agricultural and Occupational Health at the University of Nebraska Medical Center College of Public Health John Lowe's research areas are infectious disease microbiology, disaster preparedness, and environmental exposure assessment. Lowe's focus is on remediation of biological weapon contamination, highly infectious patient transport, nosocomial environmental contamination, environmental sampling, and gaseous decontamination. This includes source evaluation, source tracking, and decontamination methods to reduce exposure.

Lowe's research utilizes a wide array of research techniques including molecular biology, environmental microbiology, bioinformatics, and training assessment. He previously has done work and has ongoing projects in a wide range of environmental health topics from decontamination, highly infectious patient care, community-acquired pneumonia, as well as public health and healthcare disaster preparedness. Lowe teaches CPH 500 Foundations of Public Health as well as the ENV 970 Doctoral Seminar in Environmental Health.

Lowe has been training in the fields of epidemiology, molecular virology, environmental and occupational health, and disaster preparedness. His accomplishments and activities have established his skillset, which includes advanced viral and bacterial molecular laboratory methods, field research methods, scientific writing, public speaking, strategic planning, group facilitation, and project management.