

MILLERCOMM2021

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Center for
Advanced
Study

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Friday
April 23, 2021
12:00 noon CDT

Registration is required for this
Zoom event. See below.

University of Illinois
at Urbana-Champaign

HOSTED BY:

Institute for Sustainability, Energy,
and Environment

IN CONJUNCTION WITH:

Center for Business and Public Policy
Department of Agricultural and
Consumer Economics
Department of Atmospheric Sciences
Department of Civil and
Environmental Engineering
Department of Crop Sciences
Department of Geography
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School of Integrative Biology

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From Polio to COVID

Environmental Virology at its Best

Since the era of waterborne jaundice and polio, environmental virology has attempted to understand disease risk through the monitoring of viruses in wastewater, and fresh and marine waters. More recently, the advent of molecular tools coupled with metagenomics has offered the opportunity to identify human viral pathogens including the global spread of diseases such as COVID-19. We now have the ability to monitor community health via the surveillance of our wastewater, helping to meet global grand challenges in public health including the implementation of world-wide vaccination programs.

JOAN B. ROSE IS THE RECIPIENT OF THE 2016 STOCKHOLM WATER PRIZE.

Registration is required for this
Zoom event: Scan or visit
<http://cas.illinois.edu/node/2495>

