

# YALE Climate Change and Health Initiative

## Climate Change Leader in Residence

**Jeffrey Shaman, PhD**

Associate Professor, Environmental Health Sciences  
Director, Climate and Health Program  
Columbia Mailman School of Public Health



## "Climate-Disease Connections: Associations and Processes Affecting Infectious Disease Dynamics"

Dr. Shaman studies the environmental determinants of infectious disease transmission and infectious disease forecast. For the former, Dr. Shaman investigates how hydrologic variability affects mosquito ecology and mosquito-borne disease transmission, how atmospheric conditions impact the survival, transmission and seasonality of pathogens, and, how meteorology affects human health, in general. For the latter, he is engaged in developing mathematical and statistical systems for generating forecasts of infectious disease outbreaks at a range of time scales.

**12:00 p.m. Tuesday, January 15, 2019**  
**60 College Street, Winslow Auditorium\***

*\*lunch after seminar*