

Pathogen Workshop Series



EPA Stormwater Program

Transport of Pathogens

How do pathogens travel from sources to humans? Our speakers will address this critical question and talk about the latest techniques for studying pathogen fate & transport and our current understanding of how pathogens move through the environment.

About the Speakers

Dr. Stanley Grant is Professor of Environmental Engineering, and Chair of the Department of Chemical Engineering & Materials Science at the University of California, Irvine. Dr. Grant studies the sources, fate, and transport of pathogens and indicator organisms in drinking water, urban runoff, and the coastal ocean. He is the lead on several multidisciplinary research projects including one on the influence of tidal wetlands on coastal pollution, another on the association of pathogens and particles in storm runoff, and a third on the contribution of marinas to fecal indicator bacteria impairment in tidal embayments.

Dr. Jeanette Thurston is an environmental microbiologist for the United States Department of Agriculture-Agriculture Research Service (USDA-ARS), Soil and Water Conservation Research Unit and adjunct assistant professor in the Department of Agronomy and Horticulture and School of Biological Sciences at the University of Nebraska-Lincoln. Her research interests include evaluation of the occurrence, fate and survival of pathogens in the environment, disinfection and alternative water and waste treatment strategies for pathogen reduction, and development of methods for rapid, specific, and sensitive detection of human pathogens in the environment.

Public Lecture by
Dr. Stanley Grant,
UC-Irvine & Dr.
Jeanette Thurston,
USDA-ARS

Date: Friday, April
20, 2007

Time: 9:00-10:30 am
(coffee at 8:30)

Location: James B.
Henry Center,
Lansing

Webcast: wmsu.org

This lecture is the fourth in a series of seminars focusing on pathogen issues in Michigan. For more information on the series please visit the Center for Water Sciences website at cws.msu.edu

Questions? Contact Dr. Erin Dreelin
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