



EMORY
UNIVERSITY

Center for Global Safe Water,
Sanitation, and Hygiene

The Center for Global Safe WASH Seminar Series Presents:

Kerstin Danert, PhD
Rural Water Supply Network (RWSN)



Sustainable Groundwater Development in Africa: More than Engineering

Friday, September 18, 2015
12:00 -1:00 p.m.

Claudia Nance Rollins Building, Rm. 1000

Refreshments Provided

Kerstin Danert is a rural water supply specialist focusing on developing in-country capacity with respect to operation and maintenance, cost-effective borehole drilling, technology adoption and sector performance monitoring. Her work has involved integrating institutional, socio-economic, cultural, political and technical aspects of rural water supply service provision in developing countries. She has provided face to face advisory and capacity development services to national and local governments, NGOs and the private sector in over 10 countries in sub-Saharan Africa as well as remote support for many more. She lived and worked in Uganda for ten years up to 2008, when she moved to Switzerland to join SKAT (Swiss Centre for Appropriate Technology). Since 2009, she has led the secretariat of the Rural Water Supply Network (RWSN).





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**Center for Global Safe Water,
Sanitation, and Hygiene**

The Center for Global Safe WASH Seminar Series Presents:

Dr. Bindeshwar Pathak
Founder, Sulabh International Social Service



Innovation is the Key to Solving the Water and Sanitation Crisis in India

Monday, September 28, 2015

12:00-1:00pm

Claudia Nance Rollins Building, Room 1000

Refreshments Provided

Dr. Bindeshwar Pathak is the inventor of the two-pit compost flush technology that has helped provide low cost environmental toilets to millions of people in India. In 1970, he founded Sulabh International, one of India's largest NGO working to promote human rights, environmental sanitation and waste management. The organization works in 25 Indian states, 1599 towns and has 50,000 volunteers. In 1974, he introduced the concept of building public toilets on "pay and use" basis, which are visible in most public places in India.

In 2014, he initiated a safe drinking water project in four districts in the West Bengal state in East India, where villagers are being provided clean drinking water at 50p per liter. A significant number of the villagers in these districts suffers from arsenic related diseases due to contamination of ground water. These treatment plants (installed with support from Sulabh) takes water from traditional ponds and rivers, which is arsenic free. The objective is to create a decentralized, people-friendly approach aimed at empowering communities by building capacity in them so that villagers, with training, can run the plant effectively.

Dr Pathak is a Padma Bhushan award recipient by the Indian government. He was inducted in the United Nations Environment Programme Global 500 Roll of Honour in 2003. He was awarded the Stockholm Water Prize in 2009 and received the Legend of Planet Award from the French Senate in 2013. His two-pit compost flush technology has been declared as a "Global Best Practice" by the United Nations HABITAT and United Nations Centre for Human Settlements.





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CGSW
Center for Global Safe WASH

Leading and
Learning in WASH

October 15, 2015

Raise a Hand for Global Handwashing Day!

Please join the **Center for Global Safe WASH** to increase awareness and understanding about handwashing with soap to prevent disease and save lives!

Special Events:

10:00 - 12:00pm, CNR Plaza Level

**Test your handwashing acumen with a microbiological
“palm-reading!”**

We supply the tippy-tap, GloGerm and petri dishes! You'll receive your handprint results within 24 hours!
Prepare to be amazed at your results!

Special Lecture by:

Dr. Amy Kirby – “Norovirus and Handwashing”

12:00-1:00 pm

Lawrence P. and Ann Estes Klamon Room
Claudia Nance Rollins Building – 8th floor
Light refreshments served

**#GlobalHandwashingDay, #HandwashingSoap
#EmoryCGSW #SDG6 #RSPH**



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November 19, 2015

World Toilet Day

Events at Rollins

November 10th, 11th and 12th

12:00-1:00pm, The Bridge

“COP a SQUAT!” for World Toilet Day Awareness

Meet us on the bridge between CNR and GCR to “**cop-a-squat**” for WTD awareness. We will be tracing squatting images, cutting them out, writing sanitation facts on them, adhering them to a stake & placing our life-size squatting figures all over campus!

Special Lecture

November 18th, 3:00-5:00pm

Lawrence P. and Anne Estes Klamon Room

Join the CGSW for a lecture & panel discussion with visiting sanitation experts from **SWA, WHO, World Bank** moderated by **Susan Davis**, Improve International

“Lessons Learned in Sanitation”

Light refreshments served

World Toilet Day is a day to take action. It is a day to raise awareness about all people who do not have access to a toilet – despite the human right to water and sanitation. It is a day to do something about it.

Of the world’s seven billion people, 2.5 billion people do not have improved sanitation. 1 billion people still defecate in the open. Poor sanitation increases the risk of disease and malnutrition, especially for women and children.

@EmoryCGSW

#youcouldbehere

UN WATER
19 November

**WORLD
TOILET
DAY**



#wecantwait

#worldtoiletday

***The Environmental Health Department
&
The Center for Global Safe WASH Present:***

Jyotsna S. Jagai, MS, MPH, PhD

**Research Assistant Professor
Environmental and Occupational Health Sciences
School of Public Health, University of Illinois**



**Extreme Precipitation and ER Visits for Gastrointestinal
Illness in Areas without Combined Sewer Systems:
An Analysis of Massachusetts Data, 2003-2007**

Wednesday, January 27, 2016

1:00 -2:00 p.m.

Claudia Nance Rollins Building, Rm. 2001

Refreshments Provided

Jyotsna S. Jagai, MS, MPH, PhD is a Research Assistant Professor in the Division of Environmental and Occupational Health Sciences at the University of Illinois at Chicago. She is an environmental epidemiologist whose work focuses primarily on health impacts of water quality and environmental stressors of water quality including climate change and land use patterns. She is also interested in the development of comprehensive indicators to characterize the cumulative environmental impact on human health. Her work has focused on the adaptation of various methods for use in environmental epidemiology. Her methodological work includes time series analysis, meta-analysis methods, and development of environmental exposure measures. In this presentation, she will discuss her recent work on the impact of heavy rainfall in areas with and without combined sewer overflows



Presents:

**Estimating the Number of Cases of Acute Gastrointestinal
Illness Attributable to Drinking Water in Canada**



Heather A. Murphy, Ph.D., Eng

Assistant Professor

**College of Public Health, Division of Environmental Health
Temple University**

Tuesday, February 23, 2016

12:00 -1:00 p.m.

Claudia Nance Rollins Building, Room 1000

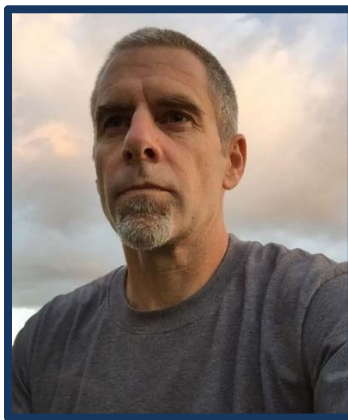
Refreshments Provided

Dr. Murphy has over twelve years of experience in water/ wastewater treatment, water quality, drinking water distribution, risk assessment and environmental health in both North America and abroad. Dr. Murphy obtained her PhD in Environmental Engineering from the University of Guelph, Canada, where she focused on appropriate household water treatment technologies in rural Cambodia. Following her PhD, she worked for the United Nations International Emergency Children's Fund (UNICEF) as a Water, Sanitation and Hygiene Specialist in Mali and Madagascar. While in Mali, she coordinated a \$25 million dollar Water, Sanitation and Hygiene (WASH) in Schools program, covering 1000 schools, the largest program of its kind in the world. She recently completed a research fellowship with the Public Health Agency of Canada where she focused on quantifying the burden of waterborne disease on the Canadian population. Prior to joining Temple in July of 2015, she was a research fellow at the University of Guelph where she conducted research on the challenges of water provision in Canadian First Nations communities. Dr. Murphy's research interests involve understanding and addressing water and health challenges in both developed and developing countries.



Seminar Series Presents:

Sustaining Water Services: Challenges and Lessons from the Field



Paul Hicks

Water Resources Coordinator, Catholic Relief Services in Latin America

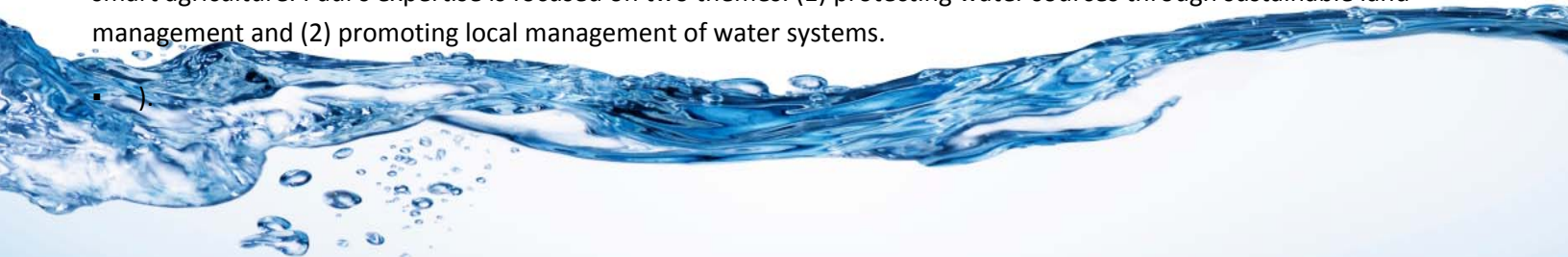
Thursday April 14th, 2016

12:00 – 1:00 p.m.

Claudia Nance Rollins Building, Rm. 6001

Refreshments Provided

Paul has nearly 20 years of experience in water resources management and agricultural development. Paul started his career with the Peace Corps in Honduras, where he designed and built water systems with the national water agency. He worked for several years in California and the Pacific Northwest in natural resources, then studied at UC Davis where he earned a Master's degree in International Agricultural Development (1999). He has spent the last sixteen years with CRS working and living in Albania, Mindanao (Philippines), Afghanistan, and Central America. Paul has been in El Salvador since 2009, leading CRS' programs related to water supply, watershed management, and water-smart agriculture. Paul's expertise is focused on two themes: (1) protecting water sources through sustainable land management and (2) promoting local management of water systems.



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FLINT WATER:

“What Happens When Regulations Fail?”

2016 WORLD WATER DAY EVENT

Join CGSW for:

An interactive, multidisciplinary discussion with local experts examining the environmental, human rights and regulatory significance of Flint water contamination and other water crises in America

WEDNESDAY, MARCH 23, 2016

4:00 PM – 6:00 PM

CNR 1000

Featured speakers :

Dr. Amy Kirby – Research Assistant Professor, Hubert Department of Global Health

Dr. Julie Clennon – Instructor, Biostatistics and Bioinformatics

Dr. Dabney Evans – Assistant Professor, Hubert Department of Global Health; Director of the Center for Humanitarian Emergencies and Institute of Human Rights.

Distinguished Panelist

Dr. Parmi Suchdev - Associate Professor of Pediatrics and Global Health at Emory University and Medical Epidemiologist with the CDC Nutrition Branch.

Plus special guests

Reception at 4:00 PM – Speakers & Panel Discussion 4:30 PM

#WorldWaterDay