

CLIMATE CHANGE: HOW SAFE ARE YOU?

Food, water, disease, health, conflict and your pocketbook and what may be coming down the pipe

A David and Cecilia Ting Endowment Fund Lecture Series
February 5 - March 5, 2015 and Fall 2015



Disease, Risk and Climate Change - Where Do We Stand?

**Presented by Dr. Carl Lowenberger, Biological Sciences,
Simon Fraser University, Burnaby, BC**

Thursday, February 5, 2015, 7:00 pm,

Room 1900, SFU Harbour Centre, 515 West Hastings

Abstract: In the era of global change, how are diseases changing, and what are the new, old, or continuing disease risks we face? Are Ebola, Chikungunya, and Chagas disease new, different, or are we simply more aware of them through instantaneous news availability? What is the risk that climate change will bring these to the forefront of our consciousness? Do you go out of your way to avoid disease? How can we help those who live in endemic areas and suffer from one disease after another? This talk will discuss diseases that exist, and the effects of climate change on their global distribution and potential effects in new regions. The challenge to decision makers is to base conclusions on broad scientific data as part of the risk assessment process.

Bio: Carl Lowenberger is a Professor in Biological Sciences and the Associate Dean of Science at SFU. His research addresses innate immunity of vectors: the biological, molecular, and ecological factors that determine why and how specific insects transmit specific parasites to humans, but kill other parasites. His research combines laboratory based studies that are tested with communities in the field with collaborators in Mexico, Colombia and Brazil.

Welcome and Opening: Dr. Joy Johnson, Vice President Research, Simon Fraser University.

Series Moderator: Dr. Arne Mooers, Professor, Biological Sciences, Simon Fraser University.

Reservations:
As seating is limited, reservations are recommended:
<http://how-safe-are-you-disease.eventbrite.com>

Climate Change: How Safe Are YOU? Series <http://www.sfu.ca/coastal/research-series/listing/a-planet-under-pressure.html>

Because global climate change is making us less secure, this series will report on what experts can now see happening to our food and water, to our health and wellbeing, to international conflict, and even to our pocketbook. Loss of security will affect everyone, but there are also pressing ethical dimensions to the unfolding crisis. This series is a call to reasonable, sustained action by us all. We need to lead our leaders.

Upcoming Lectures and Discussions:

February 12, 2015, (food) - Farming on a Warming Planet - Room 1400

Dr. Navin Ramankutty, Professor & Canada Research Chair in Global Environmental Change & Food Security, UBC, Vancouver

February 19, 2015, (environmental health) - The Future Isn't What It Used to Be - Room 1900

Dr. Kristie L. Ebi, Professor, Global Health, University of Washington, Seattle

February 26, 2015, (security) - Welcome to the Pressure Cooker: How Climate Change is Making Our World More Violent and Less Secure - Room 1400

Dr. Marc Levy, Deputy Director, Ctr. for International Earth Science Info. Network, Columbia University, New York

March 5, 2015, (ethics and risk) - Safety and Risk: Why Values Matter

Dr. Ingrid Stefanovic, Dean, Faculty of Environment, Simon Fraser University, Burnaby, BC

Sponsors: Faculty of Environment, SFU
Faculty of Science, SFU
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Contact: lauriew@sfu.ca
or 778-782-9235



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