

Symposium

Global Climate Change and the Emergence of Infectious Diseases

Wednesday December 12, 2012, 10:00 AM - 4:30 PM

William T. Young Library Auditorium

This Symposium will present and discuss selected topics including *Emerging Pathogens: the Ecology and Evolution in the Invasion of New Species, Invasive Mosquitoes and Human Health, and Biogeography and Infectious Disease Ecology and Climate Change*. The Symposium consists of distinguished lectures and a panel discussion open to the general public.

PROGRAM

10:00 AM Introduction by Dr. Gisela García-Ramos (UK Biology)

LECTURES

10:20 AM **Climate change, ecology, and disease emergence: A public health perspective**

Dr. Ben Beard

Associate Director for Climate Change

National Center for Emerging and Zoonotic Infectious Diseases

Chief, Bacterial Diseases Branch

Division of Vector-Borne Diseases, CDC

11:30 AM **More than climate: Ecological change and its potential effects on vector-borne disease**

Dr. Steven Juliano

Distinguished Professor of Ecology

School of Biological Sciences

Illinois State University

2:00 PM **Arbovirus emergence—anthropogenic effects and viral-intrinsic factors**

Dr. Christopher Mores

School of Veterinary Medicine

Department of Pathobiological Sciences

Louisiana State University

3:00-4:30 PM **PANEL DISCUSSION PARTICIPANTS**

• Dr. Ben Beard (CDC) • Dr. Grayson Brown (UK Entomology) • Dr. Stephen Dobson (UK Entomology) • Dr. John Cox (UK Forestry) • Dr. Christopher Mores (Louisiana State U.) • Dr. Steven Juliano (Illinois State U.) • Dr. Brian Stevenson (UK Microbiol Immunol Mol Genet) • Moderator: Dr. Dave Westneat (UK Biology)

5:00-7:00 PM *Reception at the Helen King Alumni House*

Organization Committee: Gisela García Ramos, Phillip H. Crowley, and Dave Westneat

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