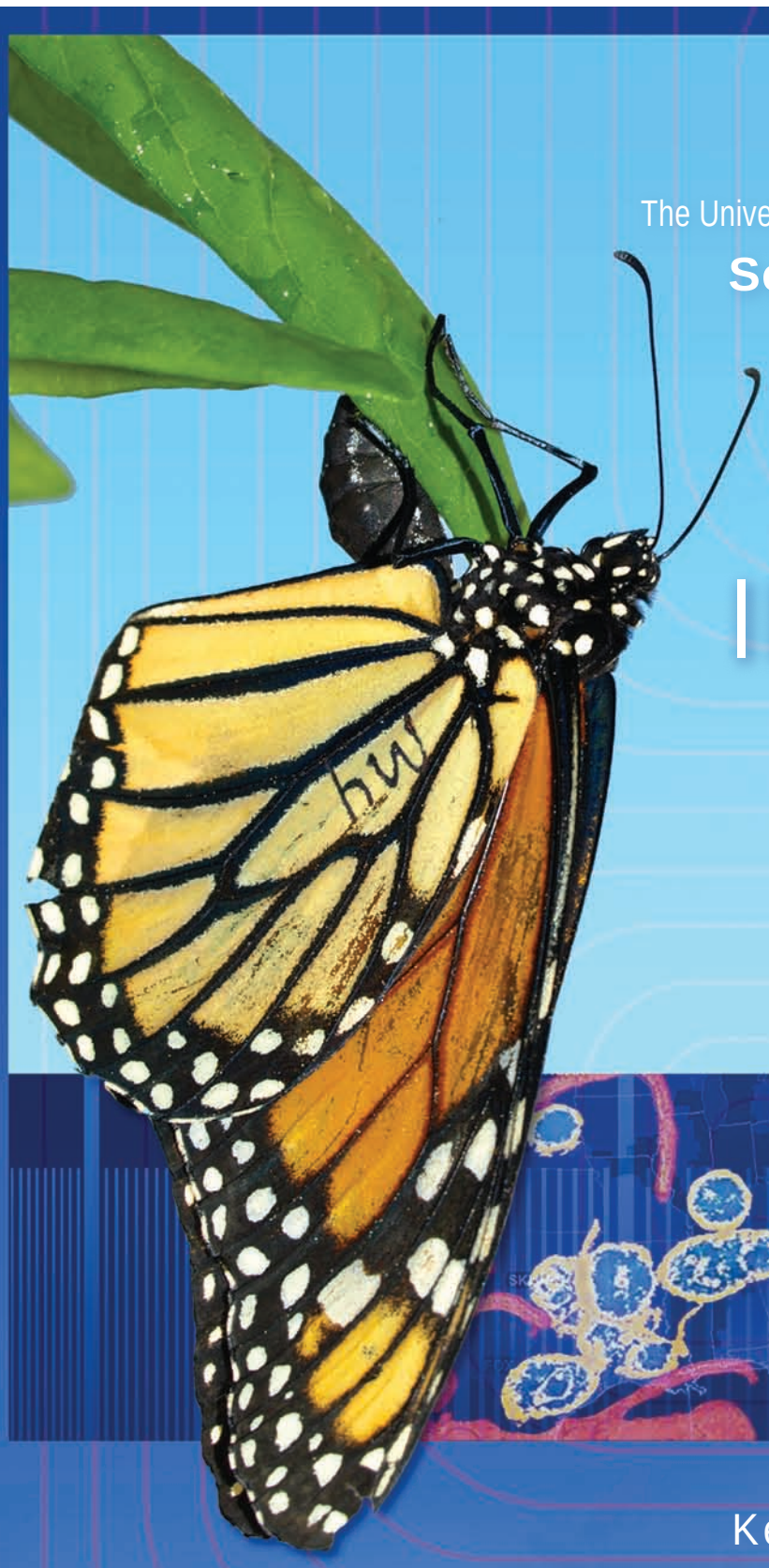
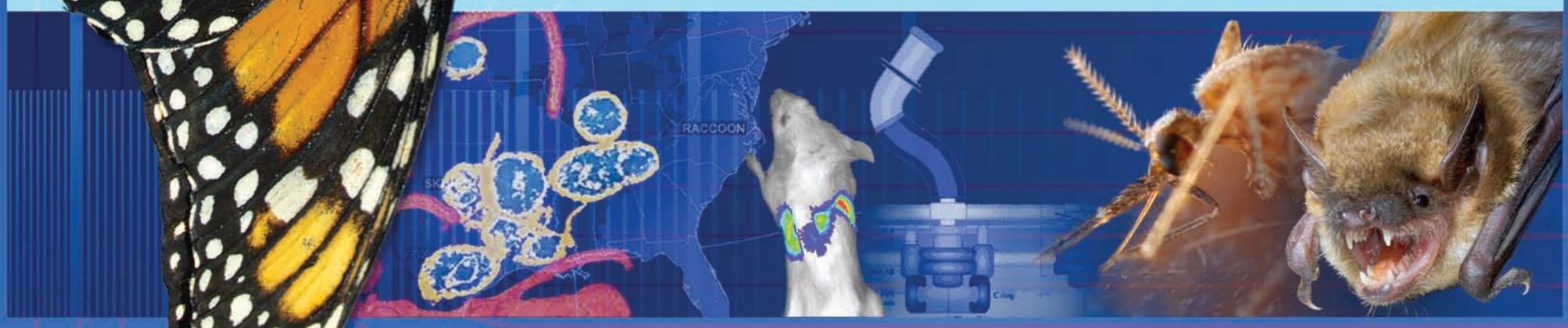


The University of Michigan Department of Ecology and Evolutionary Biology presents the

Seventh Early Career Scientists Symposium

INFECTIOUS DISEASE ACROSS SCALES:

the complexity of pathogen ecology and evolution



Saturday, April 16, 2011
8:50 a.m. – 6 p.m.
University of Michigan
Ross School of Business
Blau Auditorium

Keynote speaker:

Steven Frank
University of California at Irvine
Three unsolved puzzles in infectious disease

Featuring:

Caroline Buckee
Harvard School of Public Health
The effects of cross-immunity and competition on meningococcal evolution

Thierry Lefèvre
Emory University
The role of host behavior in host-parasite interactions and disease dynamics

Silvie Huijben
The Pennsylvania State University
The ecology and evolution of resistant malaria parasites

Laura Pollitt
University of Edinburgh
The evolutionary ecology of transmission strategies: from hosts to vectors

David Kennedy
University of Chicago
The role of multilevel selection in the maintenance of viral genetic diversity

Amber Smith
Los Alamos National Laboratory
Bacterial coinfections with influenza: quantitative data and modeling

Britt Koskella
University of Oxford
Local biotic environment shapes the spatial scale of bacteriophage adaptation to bacteria

Daniel Streicker
University of Georgia
Effects of host species identity on the epidemiology and evolution of bat rabies

Made possible by the generous support of alumna Dr. Nancy Williams-Walls

Photography credits: butterfly-Jaap de Roode; map-CDC; measles budding off a host cell; mouse-Amber Smith; basal structure-Nature Reviews Microbiology; mosquito-Sinclair Stammers; bat-Ivan Kuzmin, CDC

Further information and complimentary registration at:
sitemaker.umich.edu/ecss2011/home

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