

BIOLOGY SEMINAR SERIES (SPRING 2014)

Benjamin N. Philip, Ph.D.*

Assistant Professor, Department of Biology, Rivier University

February 28, 2014

“Aquaculture: Global to Local”

Todd Guerdat, Ph.D., Manchester Community College

Bio: Dr. Guerdat, Associate Professor, gave a presentation on aquaculture, drawing on his experiences in both academia and industry. Dr. Guerdat has experience working as an educator, researcher and technician for North Carolina’s Cooperative Extension, and as a director of research, development and management of wastewater treatment and commercial aquaculture both on the Gulf Coast and in New England. Dr. Guerdat completed his graduate work at North Carolina State University and is currently the Science Program Coordinator at Manchester Community College in Manchester, NH.

March 28, 2014

“Insect Overwintering in a Changing Climate: from Antarctic to Pennsylvania”

Michael Elnitsky, Ph.D., Mercyhurst University

Bio: Dr. Elnitsky, Assistant Professor, presented research examining the effects of global climate change on the overwintering ability of freeze-tolerant insects. Dr. Elnitsky is broadly interested in the ecological and physiological response of ectothermic animals, particularly insects, amphibians, and reptiles, to environmental stress, with special interest in the adaptations of these animals for low temperature survival. Dr. Elnitsky completed his graduate work at Miami University and is currently the Chair of the Department of Biology and Director of Pre-Health Advising at Mercyhurst University in Erie, Pennsylvania. ■

* **Dr. BENJAMIN PHILIP** is an Assistant Professor in the Department of Biology at Rivier University. Dr. Philip holds a B.A. in Zoology from Miami University, M.Sc. in Biology from Eastern Michigan University and a Ph. D. in Zoology from Miami University. Dr. Philip's research interests fit into the broad scope of physiological responses of organisms to environmental stress. He is particularly intrigued by how organisms contend with the challenges of winter, especially the rare capacity of some frogs, turtles and insects to tolerate freezing. As a teacher and mentor, he strives to enable every student to think like a scientist.