DEPARTMENT OF BIOLOGICAL SCIENCES
DEPARTMENT OF HEALTH SCIENCES
EAST TENNESSEE STATE UNIVERSITY

SEMINAR – SPRING 2019
BROWN HALL ROOM 304
WEDNESDAYS, 4:00 PM

Feb 13  Valentin Yakubenko, Department of Biomedical Sciences, Quillen College of Medicine
New Mechanism for Neutrophil-mediated Macrophage Recruitment to the Site of Inflammation

Feb 20  Matthew Zahner, Department of Health Sciences, ETSU
Are Chili Pepper Receptors at the Root of Cardiac Pain, or is It in Your Head? Characterizing the Role of the Hypothalamus in the Cardiogenic Sympathetic Afferent Reflex

Feb 27  Andrew Joyner, Department of Geosciences, ETSU
Biogeography, GIS, & Modeling: Technologies, Data, and Opportunities

Mar 6  Andreas Nebenfuehr, Department of Biochemistry & Cellular and Molecular Biology, University of Tennessee
Walking to Work: Myosin Motor Proteins and their Effects in Plant Cells

Mar 13  SPRING BREAK

Mar 20  Victoria Long, Graduate Student, Biological Sciences
The Effects of Elevation on Foraging Behavior of Bats in Southern Appalachia
Stella C. Ogbu, Graduate Student, Biomedical Sciences
Role of Topoisomerase II alpha (Top 2α) in DNA Damage Response Following Chronic Viral Infections

Mar 27  Brian L. Dempsey, Graduate Student, Biological Sciences
Predatory Cue from an Invasive Fish on a Larval Predator-naïve Salamander (Desmognathus quadramaculatus)
Cady Forgey, Graduate Student, Biomedical Sciences
Prevention of Chronic Inflammation by Targeting Macrophage Integrin αDβ2

Apr 3  Philip Allagas, Graduate Student, Biological Sciences
Assessing the Impact of Restored Wetlands on Bat Activity Over Nearby Farmlands
Travis L. Watson, Graduate Student, Biological Sciences
Effects of Pesticides and Pollination Gardens on Native Plant Communities

Apr 10  Daniel G. Blackburn, Department of Biology, Trinity College
Evolution of Viviparity and Fetal Nutritional Modes

Apr 17  Emily Hendrix, Graduate Student, Biological Sciences
Effects of Competition on the Reproduction and Ecology of Impatiens capensis and Impatiens pallida
Johnny Roden, Graduate Student, Biological Sciences
Determining Behavioral and Physiological Methods of Salinity Tolerance in Freshwater Bivalve Mollusks

Apr 24  Christopher Wheeler, Department of Biology, Tennessee Tech University
Are Suckers the Salmon of the South? A Research Vision for Evaluating the Functional Role of Migratory Catostomids in Southeastern Freshwaters