

Comparative Physiology Invited Speaker Series Spring 2012

Mondays, 4:30 – 5:30 – Biological Sciences 2200: Coffee and Cookies will be provided

Date	Speaker	Title of Talk
Jan 16	Steve Perry , Institute of Zoology, University of Bonn	Putting the horse in the cart: the importance of oxygen and reactive oxygen species in the anaerobic origin and evolution of life.
Jan 23	Sang Seon Yun Fisheries Centre, UBC	Chemical signaling in lampreys.
Jan 30	Myron Roth , Aquaculture & Seafood, BC Ministry of the Environment	Current status of closed containment aquaculture in BC.
Feb 6	TBA	TBA
Feb 13	Peter W Hochachka Memorial Lecture: Jerry Dempsey , Medicine and Public Health, University of Wisconsin.	Humans in hypoxia: A conspiracy of maladaptation.
Feb 20	Mid-Term Break	No Seminar
Feb 27	Martin Tresguerres , Scripps Institute of Oceanography, UC San Diego	Physiological sensing of carbon dioxide, pH and bicarbonate via soluble adenylyl cyclase.
March 5	Andy Biewener , Department of Organismic and Evolutionary Biology, Harvard University	Maneuvering flight in birds: how do birds turn and what guidance laws operate for navigating cluttered environments?
March 12	Jonathan Stillman , Department of Biology, San Francisco State University	Hot and cool genes: a fashionable study of functional response to thermal acclimation in an intertidal zone crab.
March 19	Helga Guderly , Department of Biology, University of Laval	Regulation of membrane phospholipid composition: impact of dietary quality.
March 26	Bob Josephson , School of Biological Sciences, UC Irvine	Explorations in muscle mechanics from sea anemones to hummingbirds.
April 2	John Morgan , Vancouver Island University	Should I stay or should I go? Development of salinity tolerance and seaward migration in Fraser river white sturgeon.

April 16

Peter Rombough,
Department of Biology,
Brandon University

Disentangling size effects on metabolic scaling from ontogenetic effects during early development in chinook salmon.