

2006 APS Intersociety Conference
Comparative Physiology 2006: Integrating Diversity
 Virginia Beach Convention Center, October 8-11, 2006, Virginia Beach, VA
 Registration Opens: Sunday, October 8 at 6:30 AM

Sunday, October 8	Monday, October 9	Tuesday, October 10	Wednesday, October 11
6:30 AM Registration 8:15 AM-12:15 PM Concurrent Symposia Passing Gas: The Vascular Biology of NO, CO and H ₂ S K. Olson Design, Molecular Basis and Evolution of Muscles for Different Activities L. Rome Complexity in Physiological Systems: Recognition, Definitions, Modeling, and Predictions W. Burggren Comparative Biology of Aging in Long-Lived Animals R. Buffenstein and D. Kristan Energizing Transport Across Epithelia in Insects K. Beyenbach and H. Wiczorek	7:00 AM Registration 8:15 AM-12:15 PM Concurrent Symposia Molecular Aspects of the Mechanisms of Hibernation F. van Breukelen and S. Martin Hypoxic Effects on Vascular Tone: Mechanisms of Hypoxic Vasoconstriction in Vertebrates M. Russell Fuel Selection During Exercise: Mechanisms, Ecological and Evolutionary Implications G. McClelland and R. Suarez Physiological Adaptation of Fishes to Life at the Extremes P. Wright and C. Brauner Field Metabolic Rate –FMR: Physiological Traits and Ecological Implications P. Butler and P. Frappell	7:30 AM Registration 8:15 AM-12:15 PM Concurrent Symposia Physiological and Molecular Responses to Cold and Desiccation Stress in Ectotherms R. Lee and M. Marjanovic Comparative Mechanisms of Respiratory Rhythm Generation and Chemoreception M. Hedrick and W. Milsom Aquaporins and Aquaglyceroporins in Vertebrates: Evolution and Diversity H. Nishimura Dividing the Undivided: Shunting and Flow Separation in Reptile Hearts D. Jones Linking Body Size and Physiology with Life History: Walking in the Footsteps of Bill Calder T. McWhorter and B. Pinshow	7:30 AM Registration 8:15 AM-12:15 PM Concurrent Symposia Comparative Molecular Physiology of Acid-Base Regulation G. Goss Blood Rheology “Abnormalities” in Marine and Terrestrial Animals: What Lessons Can We Learn? O. Baskurt Biomedical Applications of Suspended Animation M. Andrews and H. Carey Muscles as Springs: Molecules to Movement S. Lindstedt and K. Nishikawa Comparative Nutritional Physiology: Nutrient and Toxicant Absorption, Postabsorptive Fate, and Ecological Implications W. Karasov and S. McWilliams
2:00-3:00 PM Plenary Lecture T. Piersma	2:00-3:00 PM Plenary Lecture T. Hayes	2:00-3:00 PM Plenary Lecture T. Williams	2:00-3:00 PM Plenary Lecture C. Martinez del Rio
3:15-5:45 PM Poster Session & Social Scholander Competition Sponsored by the: <i>Journal of Experimental Biology</i>	3:15-4:30 PM Poster Session & Social Scholander Competition Sponsored by the: <i>AJP: Regulatory, Integrative and Comparative Physiology</i>	3:15-5:45 PM Poster Session & Social Scholander Competition Sponsored by the: <i>Comparative Biochemistry and Physiology Journal</i>	3:15-4:30 PM Poster Session & Social Scholander Competition Sponsored by the: <i>Physiological and Biochemical Zoology</i>
6:00-8:00 PM Opening Reception	7:00-10:00 PM <i>Special Purchase:</i> Evening Social Event at the Virginia Aquarium & Marine Science Center <i>(Includes Imax presentation)</i>	Evening FREE	6:00-11:00 PM Banquet and Awards Presentation with Scholander Lecture D. Jones