

# Experimental Biology

## Experimental Biology 2019 Distinguished Lectures



**Physiology in Perspective: The Walter B. Cannon Memorial Award Lecture**

**Peter Aronson**  
 Yale University School of Medicine  
*From Salt to Stones to CKD: Anion Transporters in Health and Disease*  
 Sunday, April 7, 2019, 5:30 PM



**Henry Pickering Bowditch Award Lecture**

**Jennifer Pluznick**  
 Johns Hopkins University  
*Functional Roles for Orphan GPCRs in the Kidney*  
 Monday, April 8, 2019, 5:30 PM



**Robert M. Berne Distinguished Lectureship of the APS Cardiovascular Section**

**Rong Tian**  
 University of Washington  
*Cardiac Metabolism: An Odyssey of Energy and Beyond*  
 Monday, April 8, 2019, 8:30 AM



**Hugh Davson Distinguished Lectureship of the APS Cell and Molecular Physiology Section**

**David Dawson**  
 Oregon Health Sciences University  
*Membranes, Music and Economics: What I Learned from CFTR, Bob Dylan and Adam Smith*  
 Sunday, April 7, 2019, 3:30 PM



**Joseph Erlanger Distinguished Lectureship of the APS Central Nervous System Section**

**Tracy Bale**  
 University of Maryland School of Medicine  
*Parental Stress and Germ Cell Epigenetic Contributions to Offspring Development*  
 Monday, April 8, 2019, 3:30 PM



**August Krogh Distinguished Lectureship of the APS Comparative and Evolutionary Physiology Section**

**Terrie Williams**  
 University of California, Santa Cruz  
*On the Cardio-Neural Trail of Stranded Whales and Wounded Warriors: An August Krogh Investigation*  
 Monday, April 8, 2019, 3:30 PM  
*Supported by Novo Nordisk Fonden*



**Solomon Berson Distinguished Lectureship of the APS Endocrinology and Metabolism Section**

**Juleen R. Zierath**  
 Karolinska Institutet  
*Epigenetic Control and the Circadian Clock: Turning Back Time on Diabetes Pathogenesis*  
 Monday, April 8, 2019, 3:30 PM



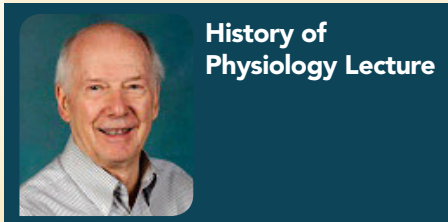
**Edward F. Adolph Distinguished Lectureship of the APS Environmental and Exercise Physiology Section**

**Sue Bodine**  
 University of Iowa  
*Skeletal Muscle Atrophy: Multiple Pathways Can Achieve the Same Outcome*  
 Monday, April 8, 2019, 1:30 PM



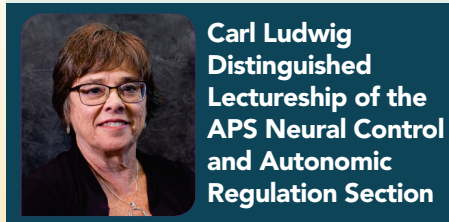
**Horace W. Davenport Distinguished Lectureship of the APS Gastrointestinal and Liver Physiology Section**

**Nicholas LaRusso**  
 Mayo Clinic  
*The Cholangiopathies: Pathogenic Perspectives and Therapeutic Targets*  
 Monday, April 8, 2019, 3:30 PM



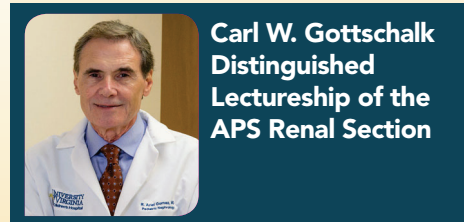
**History of Physiology Lecture**

**James Bassingthwaight**  
 University of Washington  
*Ancel Keys Lambasted at the Faraday Society Meeting of 1937!*  
 Tuesday, April 9, 2019, 1:00 PM



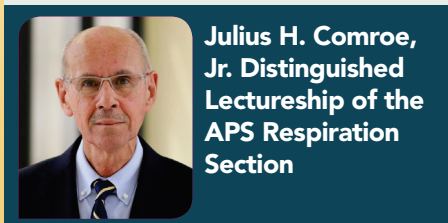
**Carl Ludwig Distinguished Lectureship of the APS Neural Control and Autonomic Regulation Section**

**Susan Barman**  
 Michigan State University  
*What Can We Learn about Neural Control of the Circulation by Studying Rhythms in Sympathetic Nerve Activity?*  
 Monday, April 8, 2019, 1:30 PM



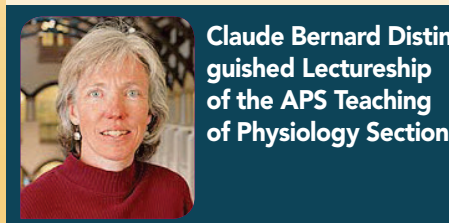
**Carl W. Gottschalk Distinguished Lectureship of the APS Renal Section**

**R. Ariel Gomez**  
 University of Virginia School of Medicine  
*Regulation of Renin Cell Fate in Homeostasis and Disease*  
 Monday, April 8, 2019, 3:30 PM



**Julius H. Comroe, Jr. Distinguished Lectureship of the APS Respiration Section**

**Sadis Matalon**  
 University of Alabama, Birmingham  
*Heme as a Central Mediator of Acute and Chronic Lung Injury*  
 Tuesday, April 9, 2019, 1:30 PM



**Claude Bernard Distinguished Lectureship of the APS Teaching of Physiology Section**

**Mary Pat Wenderoth**  
 University of Washington  
*Evidence Based Teaching: So That All Students May Learn*  
 Monday, April 8, 2019, 8:30 AM  
*Supported by APS Strategic Partner ADInstruments*



**Ernest H. Starling Distinguished Lectureship of the Water and Electrolyte Homeostasis Section**

**Jennifer S. Pollock**  
 University of Alabama at Birmingham  
*There's NO Place Like Home(ostasis)*  
 Sunday, April 7, 2019, 3:30 PM



**APS Nobel Prize Award Lecture**

**Peter Agre**  
 Johns Hopkins School of Public Health  
*Aquaporin Water Channels—From Atomic Structure to Malaria*  
 Tuesday, April 9, 2019, 5:30 PM