

**DISTINGUISHED JOY GOODWIN LECTURER
AUBURN UNIVERSITY COLLEGE OF VETERINARY MEDICINE**



Research Seminar:

Endoplasmic Reticulum Stress and Mitochondrial Dysfunction in Asthma

Distinguished Lecture:

Connecting Basic Science Discoveries to Solutions for Human Disease

Gary C. Sieck, Ph.D., is the Vernon F. and Earline D. Dale Professor of Physiology & Biomedical Engineering at Mayo Clinic and a Mayo Distinguished Investigator. He served as Chair of the Department of Physiology and Biomedical Engineering from 2002-2014, Dean for Research Academic Affairs from 2006-2012 and Director of the Biomedical Engineering Program in the Mayo Graduate School from 2001-2013. Dr. Sieck received a Ph.D. in Physiology and Biophysics from the University of Nebraska Medical Center in 1976. He then completed post-doctoral training in Neurophysiology at UCLA in 1979, where he continued as a faculty member in the Department of Anatomy and Cell Biology. In 1987, Dr. Sieck joined the faculty in the Department of Biomedical Engineering at the University of Southern California where he remained until 1990 when he moved to Mayo Clinic. Dr. Sieck served as President of the American Physiological Society (2009-2011) and President of the Association of Chairs of Departments of Physiology (2010-2012). He is a founding Fellow of the American Physiological Society, and an elected Fellow of the American Institute of Medical and Biological Engineering. In the past, he served as editor-in-chief of the *Journal of Applied Physiology* from 1999-2005, and he is currently editor-in-chief of *Physiology*. Dr. Sieck has also served on several study sections at the National Institutes of Health (NIH). He has also served as a mentor for 21 Ph.D. students, 71 postdoctoral fellows and 17 visiting scientists. Dr. Sieck's research focuses on the neural control of respiratory muscles including the diaphragm and airway smooth muscle. He has published more than 350 peer-reviewed papers, and his research has been continuously funded by multiple grants from the NIH for more than 35 years.

October 3, 2018

- 11:00 a.m.
- 230 Greene Hall

- 4:00 p.m.
- Overton Auditorium

Dr. Sieck will be visiting on October 3. Individuals and groups who desire to meet with him may contact Dr. Edward Morrison (4-4427 or morrice@auburn.edu).