

2014 Southeastern Conference (SEC) Professor of the Year Dr. John E. Hall, University of Mississippi



John E. Hall is the Arthur C. Guyton Professor and Chair of Physiology and Biophysics, and Director of the Mississippi Center for Obesity Research at the University of Mississippi Medical Center (UMMC). Hall received his B.S. at Kent State University, a doctorate in physiology at Michigan State University, and postdoctoral training at UMMC before joining the faculty.

His major research interests include cardiovascular and renal physiology, mechanisms of hypertension, obesity and metabolic disorders. His laboratory was the first to use renal-pressure natriuresis to demonstrate how the kidney's ability to excrete salt and water plays a vital role in controlling blood pressure and maintaining salt and water balance in hypertension. Dr. Hall's lab was also the first to discover that increases in leptin, a hormone secreted by fat cells, causes high blood pressure and links obesity and hypertension.

Hall's research has been continuously funded by the National Institutes of Health since 1975. He has been the principal investigator of grants that have brought approximately \$50 million in extramural funding to UMMC, and he has also been the Director of a National Heart, Lung and Blood Institute (NHLBI) Program Project since 1988.

A prolific writer, John Hall has authored more than 530 publications and written or edited 18 books. The *Textbook of Medical Physiology*, which he co-authored with Arthur C. Guyton, is the leading medical physiology textbook and is translated in 14 languages. His publications have been cited more than 35,800 times and 14,500 times since 2008.

Dr. Hall served as President of the American Physiological Society, President of the Inter-American Society of Hypertension, Chair of the Committee of Scientific Councils, American Heart Association (AHA), and Chair of the Council for High Blood Pressure Research, AHA. He also served on the Executive Committees of the American Society of Hypertension, the International Society of Hypertension, the International Union of Physiological Sciences, and the National Board of Directors of the AHA.

His list of awards and honors is extensive, and it includes the Distinguished Achievement Award of the AHA Council for High Blood Pressure Research, the International Society of Hypertension Franz Volhard Award, the Lifetime Achievement Award of the Inter-American Society of Hypertension, the Distinguished Research Achievement Award of the AHA-Mississippi Affiliate, and the Lifetime Achievement Award of the Consortium for Southeastern Hypertension Control (COSEHC).

The consummate instructor, Dr. Hall has mentored more than 120 postdoctoral fellows, graduate students, and medical student researchers, many of whom have established their own successful research programs. Six of his trainees have become chairs or directors of departments and one is the Dean of Graduate Studies at UMMC. [Read more about Dr. Hall.](#)