GUNST CHANCELLOR'S PROFESSORSHIP

Qualifications Paragraph for Authors of External Letter
1/14/11

Michael J. Davis, Ph.D.
Margaret Proctor Mulligan Professor of Medical Research and Vice Chair
Department of Medical Pharmacology & Physiology,
School of Medicine
University of Missouri

Dr. Davis is an Endowed Professor whose research focuses on mechanical regulation of membrane excitability and contraction of vascular smooth muscle. His nearly 80 publications in his 25 year career rank him highly in impact in the field. In particular, his quantitative analysis of myogenic responses in smooth muscle have been highly cited. He has expertise in cellular signal by cytoskeletal components, thus he can speak very knowledgably about Dr. Gunst's research accomplishments in this area. He has extensive experience in grant reviews for the National Institutes of Health and has served as an Editorial Board Member for the *American Journal of Physiology: Heart and Circulatory Physiology* and several other journals.

Jerome A. Dempsey, Ph.D.
John Robert Sutton Professor of Population Health Sciences
Director, John Rankin Laboratory of Pulmonary Medicine
School of Medicine and Public Health
University of Wisconsin
Editor-in-Chief, *Journal of Applied Physiology*

Dr. Dempsey is an Endowed Professor at the University of Wisconsin. His research career has focused on respiratory physiology mainly regarding effects of exercise. He is probably the leading expert in his field, having almost 280 original manuscripts published. Dr. Dempsey is currently the Editor-In-Chief of the *Journal of Applied Physiology*. His other leadership roles have been in the American College of Sports Medicine. His perspective is particularly valued because of his extensive research in both animal models and humans.

Gary C. Sieck, Ph.D.
Professor and Chair
Department of Physiology & Biomedical Engineering
Associate Dean for Research
Deputy Director for Research
Mayo Clinic

Dr. Sieck is a highly respected leader in the field of neural control of respiratory muscle with over 230 manuscripts published. He the President of the American Physiological Society, which is the preeminent professional society for the physiological research and education in which Dr. Gunst has been involved for many years. Sieck is the immediate past Editor-In-Chief of the *Journal of Applied Physiology*. In addition to those leadership positions at the Mayo Clinic listed above, Dr. Sieck also holds is Director of the interdisciplinary Biomedical Engineering Program. He has been funded by the National Institutes of Health and other agencies for his entire academic career spanning more than 25 years.