

## **Michael R. Van Scott, Ph.D.**

### **Biography**



Michael R. Van Scott received a B.S. in Physiology from Cornell University in 1981 and Ph.D. in Physiology from West Virginia University in 1984. His dissertation research was conducted at the National Institute of Occupational Safety and Health under the direction of Vincent Castranova, Ph.D. From 1984 to 1990, he studied under Dr. Richard Boucher at the Cystic Fibrosis Center in the University of North Carolina at Chapel Hill, first as a post-doctoral fellow and then as a Research Assistant Professor in the Department of Medicine. Dr. Van Scott joined the faculty of East Carolina University as an Assistant Professor of Physiology in 1990, and currently holds a position as a Professor of Physiology with tenure.

Dr. Van Scott has published over 50 journal articles, book chapters, and reviews on molecular-, cellular-, and organ-level function of the respiratory system; and is co-inventor on a patent for a device to study the interaction of epithelia and smooth muscle in isolated airways. He is recognized internationally for his work on modeling respiratory disease in a laboratory setting, and actively pursues translational and pre-clinical studies via collaborations with investigators from academia, government research facilities, biotechnology companies, and the pharmaceutical industry. Dr. Van Scott and his colleagues have been awarded \$9 million in extramural funding from diverse sources including the National Institutes of Health, Department of Defense, US Environmental Protection Agency, private foundations, and industry; of which over \$4.4 million is accounted for by sponsored research at East Carolina University.

Throughout his career, Dr. Van Scott has been active in graduate and professional education. He has directed or co-directed the graduate committees for 6 doctoral students, and served as a committee member or research mentor for 38 undergraduate, graduate, and post-graduate students. Students from his laboratory have progressed onto professional schools and post-doctoral training at highly respected institutions including Harvard University, Duke University, Stanford University, the Mayo Clinic, and the National Institutes of Health. He has been recognized for excellence in teaching and been the recipient of the East Carolina University School of Medicine Excellence in Teaching Award. Graduate students and fellows working in his laboratory have received national honors including pre-doctoral fellowship awards from the American Heart Association, the Clemens Von Pirquet Award from the American College of Allergy and Immunology, and the Proctor and Gamble Professional Opportunities Award. Dr. Van Scott has been an active advocate for research and graduate studies through service on the ECU Research and Creative Activities Committee, the Brody School of Medicine Executive Committee and Graduate Studies Committee, and the Bioenergetics Doctoral Program Executive Committee.

Outside of academia, Dr. Van Scott and his wife Marti advocate and raise financial support for orphans in Sub-Saharan Africa, and spend time sailing along the North Carolina Coast.