

**Ronald N. Cortright, Ph.D.**  
**March 18, 2008**



Dr. Cortright received his B.S. in Biology from Hiram College, Ohio and his M.A. and Ph.D. in Exercise Science from Kent State University, Ohio. In 1995, he moved to Greenville, NC to do a post doctoral fellowship with Dr. G. Lynis Dohm, Ph.D. in the Department of Biochemistry at East Carolina University. During this time he was awarded two NIH training grants to study skeletal muscle glucose and lipid metabolism in obese, insulin resistant individuals. He joined the Human Performance Laboratory in 1995 in the Department of Exercise Physiology, College of Health and Human Performance at ECU, and holds a joint appointment in Physiology at the Brody School of Medicine. Currently he is Associate Professor of Exercise and Sport Science and Physiology at ECU.

Dr. Cortright has had continuous funding from the National Institutes of Health (NIH) since 2000 on projects dealing with skeletal muscle mitochondrial-peroxisomal oxidative capacity and substrate partitioning in obese individuals. His current research is supported by the NIH and investigates Impaired Acyl-CoA Synthetase-Muscle Lipid Oxidation in African American Women (total costs \$1,023,920).

Dr. Cortright is an active member of several professional organizations including The American Physiological Society and The American College of Sports Medicine. He is a peer reviewer for over 15 professional journals including Diabetes, The American Journal of Physiology and Advances in Physiology Education. He has served on several NIH study sections and for the State of Pennsylvania as a grant reviewer.

Recent College and University awards include the 2002-2003 Outstanding Teacher Award, College of Health and Human Performance, the 2003-2004 Outstanding Researcher Award, College of Health and Human Performance, the 2003-2004 Outstanding Scholar-Teacher Award, College of Health and Human Performance, the 2004 Research and Creative Activity Grant – ECU, and the 2006-2007 Institutional Research Creativity Grant, ECU.

Dr. Cortright has more than 34 publications on various topics related to skeletal muscle Bioenergetics and Substrate Metabolism. He has served as the primary mentor for 8 Master's and 2 Ph.D. students. His laboratory currently includes one Master's and two Ph.D. students and one post-doctoral fellow. Presently, the laboratory is active in the investigation of mitochondrial function in skeletal muscle from obese subjects, with a special interest in women's health and racial disparities in metabolism.