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Dr. Hansen is the Director of the Center for Preclinical Research, which combines the Obesity, Diabetes and Aging Research Center and the Diabetes Complications Prevention Center of the College of Medicine and Professor of Internal Medicine and Pediatrics at the University of South Florida Tampa. Her research has addressed the physiological, cellular, and molecular defects underlying the development of obesity and diabetes mellitus and their prevention, as well as the long-term prevention of diabetic complications. Dr. Hansen has developed non human primate models of obesity, the metabolic syndrome, diabetes and diabetic complications, and these models are applied to studies of the underlying mechanisms of these disorders, their natural history, and their mitigation/treatment and prevention by pharmaceutical and non pharmaceutical approaches. Dr. Hansen has been a leader in studies of obesity in non human primates, and has established a large colony of spontaneously obese rhesus monkeys that are used to study the efficacy of new agents, and to establish their potential for translation to patients.

Dr. Hansen served as Vice President for Graduate Studies and Research at the University of Maryland, Baltimore, and as Professor of Physiology and Director of the Maryland Obesity and Diabetes Research Center, prior to her move to the University of South Florida. She is past President of the North American Association for the Study of Obesity and served as the first President of the International Association for the Study of Obesity. She has also served as President of the American Society for Clinical Nutrition. Dr. Hansen is a member of the Institute of Medicine of the National Academy of Sciences (1981-present) and has served on its Program Committee and in other consulting roles. Dr. Hansen has been a member of the Advisory Committee to the Director of the National Institutes of Health, and of many other NIH advisory groups. She has served as a member of the Board of Scientific Counselors of the National Toxicology Program of the National Institute of Environmental Health Sciences and as a member of the Armed Forces Epidemiological Board of the Department of Defense.

Dr. Hansen has published extensively in biomedical journals, has edited several books including: Hansen, B.C. and Bray, G.A. (Eds.) *Metabolic Syndrome: It's Epidemiology, Clinical Treatment, and Underlying Mechanisms*. Philadelphia: Humana Press, 2008, and other books including: "Insulin Resistance and the Insulin Resistance Syndrome", "The Metabolic Syndrome X: Convergence of insulin resistance, glucose intolerance, hypertension, obesity and dyslipidemias--Searching for the underlying defects", "The Commonsense Guide to Weight Loss for People with Diabetes", and "Controversies in Obesity", and lectures widely in the field of obesity and diabetes.

Dr. Hansen received a B.S. (summa cum laude, valedictorian, Phi Beta Kappa) and an M.S. degree from UCLA, was a graduate student fellow at the Institute for Neurological Sciences of the University of Pennsylvania. She completed a Ph.D. in Physiology and Psychology at the University of Washington, Seattle, Washington. She is married to Kenneth D. Hansen, M.D., J.D. and they have a son, David S. Hansen, M.B.A. They enjoy family adventures and challenging sailing and scuba diving.