



Justin Rhinehart, Associate Professor and Extension Beef Cattle Specialist for the University of Tennessee Department of Animal Science, was raised in east Tennessee working with livestock and tobacco. He earned his B.S. in Agriculture and Extension Education from the University of Tennessee and M.S. in Reproductive Physiology from the University of Kentucky where he investigated the use of dietary fat supplementation to alleviate the negative effects of endophyte-infected tall fescue on reproductive performance of beef heifers. He then earned his Ph.D., from the Faculty of Reproductive Physiology at West Virginia University, investigating pregnancy loss in cattle associated with changes in steroid hormone concentrations and placental development. Prior to joining UT Extension, Dr. Rhinehart served as an Extension Beef Cattle Specialist at Mississippi State University for three years. Justin's goal is to translate research findings into management practices that improve the profitability of beef cattle production.