



**Dr. Scott Curran** leads the Fuel Science and Engine Technologies Research Group at Oak Ridge National Laboratory (ORNL) and oversees the engines and fuels research laboratories within the National Transportation Research Center at ORNL. He has been a researcher at ORNL since 2009.

His research areas include advanced compression ignition experimental research including the development of advanced combustion concepts and investigating the fuel effects on advanced combustion modes. He is involved with low-lifecycle carbon fuels research for transportation including hydrogen and ammonia and is involved with biomass resource end-use and well-to-wheels analysis projects. In addition, he is an active in alternative fuel and advanced vehicle technology outreach and education.

Scott is a distinguished associate of the Internal Combustion Engine Division (ICED) of the American Society of Mechanical Engineers and serves on the ICED Executive Committee ASME and is the chair of the ICED Undergraduate Research Competition. He received his BS and MS in mechanical engineering from the University of Tennessee – Knoxville and his PhD in Energy Science and Engineering within the UT/ORNL Bredesen Center for Interdisciplinary Research and Graduate Education