TRANSPORTATION SCIENCE SEMINAR SERIES

OAK RIDGE National Laboratory

# THE ROLE OF Biofuels in the US Sustainable Transportation Challenge

Biofuels provide a clean, renewable domestic energy source that increases America's energy security. Second-generation biofuels made from woody crops, agricultural residues, or other waste offer significant additional benefits but must overcome notable challenges before these benefits can be realized. ORNL is actively engaging in research across the biofuel supply chain, including biomass feedstocks and logistics, conversion of biomass to biofuels, use of biofuels in vehicles, and understanding the sustainability of biomass resources. In this presentation, Tim Theiss will review the status of biofuels in this country, outline DOE's Bioenergy Technologies Program, and highlight ORNL's contributions to a more sustainable transportation system.

11 a.m.–12 p.m.

## Friday, September 19, 2014

Building 1505, D. J. Nelson Auditorium

## Tim Theiss

is the ORNL Laboratory Relationship Manager for the DOE Bioenergy Technologies Program within the Energy Efficiency & Renewable Energy Office. He holds a master's degree in engineering mechanics from Virginia Polytechnic Institute.

Courtesy of POET-DSM Advanced Biofuels

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