



**74<sup>th</sup> Annual Meeting of the ORAU Council of Sponsoring  
Institutions  
March 4-6, 2019**

**Pollard Technology Conference Center, Oak Ridge, Tennessee  
*Ensuring A Robust U.S. Energy Future***

**Monday, March 4, 2019 – Doubletree Hotel**

- 4:00 – 7:00 p.m.            Registration – Hotel Lobby**
- 4:30 – 5:30 p.m.            Leveraging ORAU Membership Session – Salon C**

**Tuesday, March 5, 2019 – Pollard Technology Conference Center**

- 7:30 – 8:30 a.m.            Registration and Continental Breakfast – Pollard Lobby  
Networking Opportunity**
- 8:30 – 8:40 a.m.            Opening Remarks**
- Andy Page, President and CEO, ORAU
  - Arlene Garrison, Vice President, University Partnerships
- 8:40 – 8:45 a.m.            Introduction of Keynote Speaker**
- Andy Page, President and CEO, ORAU
- 8:45 – 9:30 a.m.            Keynote Address**

Dan Reicher, Executive Director, Steyer-Taylor Center for Energy Policy and Finance, Stanford University  
(former DOE Assistant Secretary of Energy for Energy Efficiency and Renewable Energy)

- 9:30 – 9:45 a.m.            Keynote Q&A**
- 9:45 – 10:05 a.m.           Break**

**10:05 – 11:35 Panel Session 1: CO<sub>2</sub> Capture**

*Purpose: R&D activities to reduce the cost of carbon capture, storage and utilization.*

Moderator: Wanda Gamble, Vice President, Business Development, ORAU

**Panel Speakers**

Lynn Brickett, Carbon Capture Technology Manager, National Energy Technology Laboratory

Klaus Lackner, Director, Center for Negative Carbon Emissions, Arizona State University

Brian McPherson, University of Utah, and Member, Southwest Regional Partnership on Carbon Sequestration

**11:35 – 12:00 p.m. Panel Q & A**

**12:00 – 1:15 p.m. Lunch – Pollard Lobby**  
Networking Opportunity

**1:15 – 2:45 p.m. Panel Session 2: Environmental Impacts**

*Purpose: Critical issues in meeting the energy and environmental challenges*

Moderator: Donna Cragle, Senior Vice President and Director, Health, Environment and Radiation Management, ORAU

**Panel Speakers**

Jim Fabisiak, Associate Professor, School of Public Health, University of Pittsburgh

John B. Miller, Chief, Carbon Cycle Greenhouse Gases Group, Earth System Research Laboratory, National Oceanic and Atmospheric Administration

George Hornberger, Distinguished Professor and Director, Institute for Energy and Environment, Vanderbilt University

**2:45 – 3:05 p.m. Panel Q & A**

**3:05 – 3:25 p.m. Break**

**3:25 – 4:45 p.m. ORAU President and Council Leadership Update/Business Meeting – Pollard Auditorium** (all attendees invited)

**5:30 – 6:15 p.m. Reception – Doubletree Hotel, Oak Ridge Ballroom**  
Networking Opportunity

**6:15 – 7:00 p.m. Dinner – Oak Ridge Ballroom**

## Wednesday, March 6, 2019 – Pollard Technology Conference Center

**7:30 – 8:30 a.m.**      **Continental Breakfast**  
Networking Opportunity

**8:30 – 8:35 a.m.**      **Opening Remarks**  
▪ Arlene Garrison, Ph.D., Vice President, University Partnerships

**8:35 – 8:50 a.m.**      **Comments by Member Institution Representatives**

**8:50 – 8:55 a.m.**      **Introduction of Keynote Speaker**  
▪ Eric Abelquist, Executive Vice President & Chief Research Officer

**8:55 – 9:40 a.m.**      **Keynote Address**

Steven Winberg, Assistant Secretary for Fossil Energy, U.S. Department of Energy - *Invited*

**9:40 – 9:55 a.m.**      **Keynote Q & A**

**9:55 – 10:15 a.m.**      **Break**

**10:15 – 11:45 a.m.**      **Panel Session 3: *Future of Fossil Fuels***

*Purpose: Advanced Technologies and Policy Issues*

Moderator: Eric Abelquist, Executive Vice President and Chief Research Officer, ORAU

### **Panel Speakers & Topical Areas**

Angelos Kokkinos, Director, Office of Advanced Fossil Technology Systems, U.S. Department of Energy

Inês Azevedo, Professor, Engineering and Public Policy; and Co-Director, Center for Climate and Energy Decision Making, Carnegie Mellon University

Brandi Schottel, Associate Program Director, Environmental Engineering and Sustainability Cluster, National Science Foundation

**11:45 – 11:55 p.m.**      **Panel Q & A**

**11:55 – 12:00 p.m.**      **Wrap-up**  
▪ Andy Page, President and CEO, ORAU

**12:00 p.m.**              **Adjourn**

**12:00 p.m.**              **Box Lunches Available – Pollard Lobby**

**12:30 p.m.**              **Bus departs from Pollard Auditorium for Knoxville’s McGhee-Tyson Airport**