



**Savannah River  
National Laboratory™**

OPERATED BY SAVANNAH RIVER NUCLEAR SOLUTIONS

We put science to work.™

# Savannah River National Laboratory

**Dr. Terry Michalske**  
Director, Savannah River National Laboratory

*Citizens Advisory Board  
August 16, 2016*

# Savannah River National Laboratory Uncompromised Focus on Worker Safety

## A decade of sustained excellence



# Focus on National Challenges



# Clear Guidance for a New Direction

"SRNL is a laboratory that I rely on very heavily.... We cannot stop innovating. We have decades to go and many opportunities."

Dr. Ernest Moniz,  
U.S. Secretary of Energy



"EM has lost the process engineering capability it once had. SRNL must play a key role in helping EM reestablish this capability. SRNL has to be recognized as the go-to place for process engineering answers across DOE, other government and commercial sectors."

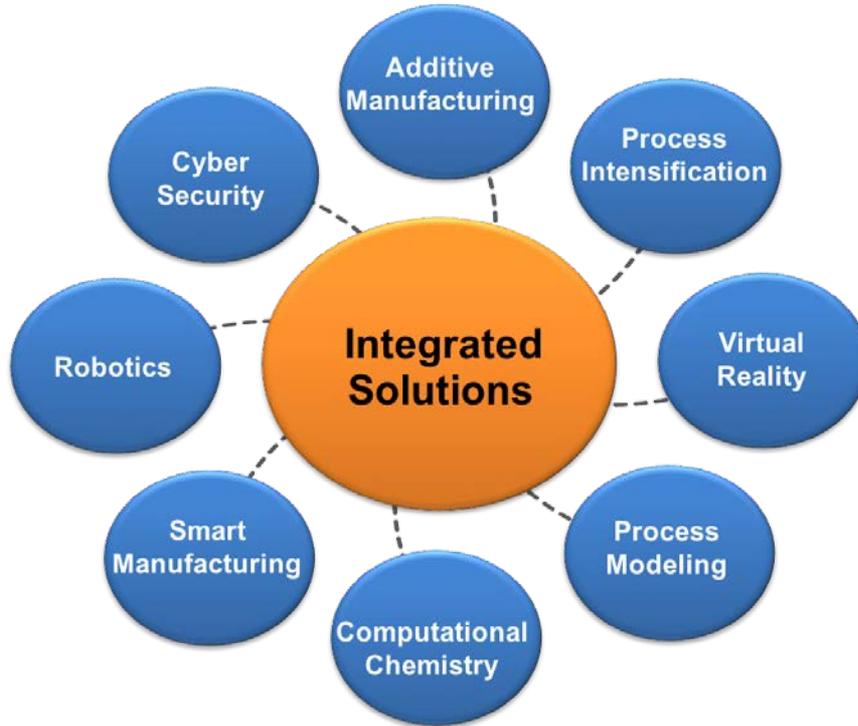
Dr. Monica Regalbuto,



# New Manufacturing Technologies Bring Better Solutions

Bridging the gap between  
Technology &

Implementation



# Partnerships in Advanced Manufacturing

Managing risk drives

## Modern Manufacturing

### Carnegie Mellon

Robotics In Manufacturing  
Environments MI



## National Manufacturing Institutes

- Improve worker safety
- Reduce capital and operating cost
- Private sector innovation for game-changing solutions



# Pivot Toward Sustained Site Future

Short-term goals to reach a  
long-term

**Vision**

**Advanced Manufacturing** technologies address today's cleanup needs.

The **Advanced Manufacturing Collaborative** will pivot the Savannah River Site for a future beyond legacy waste – combining manufacturing and science to reduce risk.



# SRNL Strategic Initiatives

SRNL is the **Future**  
of **SRS**

- Technical Leadership for EM Cleanup Mission
- Tritium Expertise for Nuclear Deterrent
- Manufacturing Innovation for DOE/NNSA
- Manufacturing Solutions for the Nation in Partnership with Academia and Industry
- Nuclear Assessments and Forensics Improvement

