



Connie Herman

*Associate Laboratory Director, Environmental Stewardship
Savannah River National Laboratory*

EDUCATION

*University of Missouri-Rolla
Bachelor of Science, Ceramic Engineering*

POSITION

As the Associate Laboratory Director, Environmental Stewardship, Connie Herman is responsible for the management of SRNL's portfolio of technology research, development and deployment programs in support of the United States Department of Energy's Office of Environmental Management (DOE-EM) and a variety of other national and international clients. This portfolio includes the development and deployment of advanced nuclear chemical processes for waste treatment and nuclear materials management; innovative remediation technologies for application in environmental cleanup; and new approaches for planning and execution of high-risk nuclear decommissioning operations.

EXPERIENCE

Herman came to the Savannah River Site in 1990, and began working at SRNL in 1991. She started her career in the Plutonium-238 fabrication facility supporting production of space heat sources, and then shifted to support the startup of the Defense Waste Processing Facility through lab scale testing and qualification of the glass produced during qualification runs. She simultaneously supported the development of stabilization technologies for other radioactive and mixed waste streams.

During a 2½ year assignment at Lawrence Livermore National Laboratory, she led the integrated laboratory team developing the ceramic fabrication process for disposition of excess plutonium. After this, she returned to SRNL to lead programs in chemical processing, investigation of alternative melter technologies, and management of the spectroscopy and materials characterization analytical development group and the research and development programs in support of the Defense Waste Processing Facility. She has worked with the Office of River Protection organization since 2013 to support High Level Waste LW and Pretreatment Facility Technical Issue resolution, Low Activity Waste Facility issues, and evaluation of alternative flowsheets.

In 2017, she became the Director of the Wasteform Processing Technology section, where she managed the wasteform and feed processing competencies and EM research and development programs for the Hanford, Idaho, and Oak Ridge sites. She began serving as Associate Laboratory Director for Environmental Stewardship in November 2018.