SRNL
SAVANNAH RIVER NATIONAL LABORATORY

Available Positions – PhD

Position Number	Deg	Discipline	Position Description
MO-08-56	PhD	Materials Science / Engineering, Materials Chemistry, Nuclear Materials	Perform research and development in materials synthesis and materials performance characterization, including nanostructures. Develop and conduct laboratory experiments to evaluate materials performance under various environmental conditions.
PR-EX-2008-00101	PhD	Chemistry / Physics / Radiochemistry	Perform method development and research in radiochemical measurements including non-destructive assay. Perform research for detection of radioactive and neutron signatures.
SRNS-08-84	PhD	Materials Science / Ceramics / Materials Chemistry	Conduct research and development in the areas of materials performance evaluation, characterization and service life assessment. Develop creative solutions and programs and conduct laboratory experiments leading to effective material selection and utilization.
SRNS-08-85	PhD	Science or Engineering	Develop and implement research programs in the nondestructive examination field with emphasis on electromagnetic, ultrasonic, thermal imaging and/or microwave methodologies as part of a comprehensive program to evaluate and validate nuclear materials and systems.
SRNS-08-86	PhD	Materials Science / Engineering / Materials Chemistry / Nuclear Materials	Perform research and development in materials analysis / development in support of the nuclear fuel cycle including plutonium disposition, nuclear materials and systems surveillance and spent fuel technology development.

SRNS-08-87	**PhD**	**Materials Science / Engineering / Materials Chemistry / Nuclear Materials**	**Conduct research and development experimental programs in the areas of mechanical testing, characterization, and analysis in hydrogen and tritium technology areas. At least 2 years relevant experience in catalysis materials development required.**
SRNS-09-123	**PhD**	**Physical / Social Science**	**Perform intelligence analysis on foreign nuclear programs relative to delivery systems and international proliferation. At least 4 years relevant experience in intelligence / national security.**