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SRNL, Georgia Tech Appoint Dr. Margaret E. Kosal to Joint Faculty Position

AIKEN, S.C. (June 27, 2022) – Savannah River National Laboratory (SRNL) and Georgia Institute of Technology (GT) appointed Margaret E. Kosal to a joint faculty position, the first of such kind between SRNL and GT.

Kosal will use her expertise and focus on reducing the threat of weapons of mass destruction and understanding the role of emerging technologies for security to further the needs of SRNL and the Department of Energy. Specifically, in this position, Kosal will serve as the first senior fellow in SRNL's new Nonproliferation Applied Science Center (NASC).

"Dr. Kosal will help establish the innovative mission details for the NASC," said Associate Laboratory Director, Global Security, Tammy Taylor. "The NASC will advance nonproliferation research and development to reduce security concerns, modernize nonproliferation concepts and align emerging nonproliferation concepts with the growing reactor and fuel-cycle markets. Kosal's work in understanding the underlying drivers of technological innovation and how technology affects national security will benefit the NASC and our global security mission."

As an associate professor at the Sam Nunn School of International Affairs at Georgia Tech, [Kosal's research](#) explores the relationships among technology, strategy and governance, focusing on reducing the threat of weapons of mass destruction and understanding the role of emerging technologies for security. Her work aims to understand and explain the role of technology and technological diffusion for national security at strategic and operational levels. The long-term goals of her work are to understand the underlying drivers of technological innovation and how technology affects national security and modern warfare.

"I'm immensely honored to be the inaugural NASC fellow and the first faculty member from Georgia Tech to have this kind of relationship with SRNL," Kosal said. "The history and continuing vital mission of SRNL for the nation, the vision that Drs. Clark and Taylor have for furthering the lab, the opportunities to enhance my own research, and the ability to create new innovative ways for other GT faculty, researchers and students to engage more with SRNL are exciting. In an increasingly complex global world of shifting geopolitics punctuated by emerging and disruptive technologies that can be used to make the world a better and more secure place or, alternatively, be used for harmful purposes, partnerships and relationships like this are increasingly important."

SRNL's Joint Appointment Program provides university faculty opportunities to engage in the lab's research and development that addresses the nation's challenges in energy, science, national security, and environmental stewardship. Together, SRNL staff and joint appointees are helping to ensure America's security and prosperity through transformative science and technology solutions. Joint appointees serve as a bridge between SRNL researchers, their university and students.

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“Having our first joint appointment between SRNL and Georgia Tech is very exciting,” said SRNL Deputy Director, Science and Technology, Sue Clark. “One of our key objectives for the lab is to leverage the relationships we have with our university partners, primarily to provide a pipeline for new talent in the future, but also to advance current and future SRNL mission needs and university research and development. We’re thrilled to enhance our Georgia Tech university partnership through this joint appointment.”

Georgia Tech’s executive vice president for research, Professor Chaouki Abdallah, is a member of the Battelle Savannah River Alliance, LLC ([BSRA](#)) board, which manages and operates SRNL. “We are very pleased that Margaret Kosal will serve as Georgia Tech and SRNL’s first joint faculty member in residence at SRNL. Collaborative intersections such as this further the Institute’s strategic goals and enable research that improves people’s lives and addresses national and global challenges in energy, security and stewardship of environmental resources.”

About Georgia Tech

The Georgia Institute of Technology, or Georgia Tech, is a top 10 public research university developing leaders who advance technology and improve the human condition. The Institute offers business, computing, design, engineering, liberal arts, and sciences degrees. Its nearly 44,000 students, representing 50 states and 149 countries, study at the main campus in Atlanta, at campuses in France and China, and through distance and online learning. As a leading technological university, Georgia Tech is an engine of economic development for Georgia, the Southeast, and the nation, conducting more than \$1 billion in research annually for government, industry and society.

About Savannah River National Lab

Savannah River National Laboratory is a United States Department of Energy multi-program research and development center that’s managed and operated by Battelle Savannah River Alliance, LLC ([BSRA](#)). SRNL puts science to work to protect the nation by providing practical, cost-effective solutions to the nation’s environmental, nuclear security, nuclear materials management, and energy manufacturing challenges (<https://srnl.doe.gov/>).



Margaret E. Kosal, Georgia Tech Associate Professor and SRNL Senior Fellow of SRNL’s Nonproliferation Applied Science Center (NASC).

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