

● NOVEMBER 2019

SAVANNAH RIVER NUCLEAR SOLUTIONS



# SRNSToday

## Veterans at work

Employees find new ways  
to serve their country at SRNS



### This month

Surplus steel donation • Nuclear Science Week • SRS Museum exhibit • United Way





**Stuart MacVean**  
SRNS President and CEO

**On the cover**

SRNS Senior Security Specialist and U.S. Army veteran Christopher Frazier (left) works with Edwin Robatue (center) and Matthew Britt, also Army veterans who are part of the SRNS team.

# Welcome

to the November 2019 edition of

# SRNS Today

November is a time of transition. Cooler weather shows up, a new fiscal year is under way, and as the holidays approach, we begin looking forward to continuing to play a major role in the nearly 70-year legacy of the Savannah River Site.

We also pause in November to honor our SRNS team members who are military veterans. This year, our annual reception included stories and perspectives from these men and women who have served our country in the armed forces and who continue to serve here at SRS.

SRNS also focuses on hiring former military personnel. Their backgrounds bring valuable experience to the SRNS workforce, and we value their skills as they join us in carrying out our missions for the Department of Energy–Emergency Management and the National Nuclear Security Administration.

As Thanksgiving approaches, I'd like to express my appreciation for the entire SRNS team as they work to make the world safer. They successfully meet increasing demands in Tritium Operations. They reduce risk to the environment and people by safely removing no-longer-needed facilities. They provide education and deliver materials to continue the pipeline of future employees. And they support the community with their time and contributions. I'm proud of our workforce. And I thank them for their service and their dedication.

I hope you enjoy this edition of SRNS Today, and as always, thank you for your interest in Savannah River Nuclear Solutions.



Savannah River Nuclear Solutions, LLC, is a Fluor-led company whose members are Fluor Federal Services, Newport News Nuclear and Honeywell. Since August 2008, SRNS has been the management and operating contractor for the Savannah River Site, a Department of Energy-owned site near Aiken, South Carolina, including the Savannah River National Laboratory. The SRNS corporate and community offices are located in the renovated 1912 "Old Post Office" building in Aiken, S.C. The primary initiatives of SRNS are national security, clean energy and environmental stewardship. SRNS Today is published monthly by SRNS Corporate Communications to inform our employees and other stakeholders of the company's operational- and community-related activities. If you have questions or comments, please contact us at 803.952.6131 or visit our website.

[www.savannahrivernuclearsolutions.com](http://www.savannahrivernuclearsolutions.com)



# Tritium extraction sets the stage to meet increasing national requirements

By firing up a previously unused industrial furnace, the Savannah River Tritium Enterprise (SRTE) will be able to extract more of a rare gas that is key to the U.S. nuclear deterrent: tritium.

SRS now has two qualified furnaces to use in the extraction process. This addition will enhance operational flexibility and capability in preparation for achieving the multiple annual extractions that will be required in coming years.

From 2007 until 2017, the SRS Tritium Extraction Facility conducted a single extraction each year to supply tritium for the U.S. nuclear deterrent. In 2017, for the first time, the facility performed three extractions in a single year. Throughout this time, the original furnace was used to perform all extractions. In coming years, however, multiple extractions will be required each year to meet the nation's requirements.

The 2019 deployment of the second furnace was a stepping stone to readiness for the coming workload. "By preparing and putting into service this second furnace, SRTE personnel have helped get us ready to continue serving this important national mission," said Wallis Spangler, SRNS Senior Vice President for NNSA Operations and Programs. "Having a second proven furnace will help us meet the increasing demands of that mission."

Tritium, the radioactive form of hydrogen that is a necessary element of modern nuclear weapons, radioactively decays by 5.5 percent each year, so it must be continuously replenished. Since the 1950s, SRS has been the nation's only facility for replenishing the tritium supply.



SRTE employees Tim Jones (left) and D.O. Odom work in the Tritium Extraction Facility's Target Rod Prep area.

One of the two ways SRTE replenishes the tritium supply is by extracting tritium—using heat from a furnace—from target rods that have been irradiated in a reactor operated by the Tennessee Valley Authority. In addition to extracting new tritium, SRTE supplies the gas by recycling and removing the decay products from tritium in reservoirs returned from the stockpile.

## Paying tribute to our military veterans

On Veterans Day, SRNS took time to honor individuals who are past members of the U.S. military with a recognition celebration. The event paid tribute to the men and women who continue their service by working at SRS to keep our nation safe. In addition to remarks by members of SRNS senior management, the event included employees sharing special stories and memorable events about their time in the service, including some good-natured joking between members of the various military branches. SRNS seeks to employ veterans because of their backgrounds, experience and unique skill sets that contribute to the continuation of SRS missions.



Edward Johnson of the SRNS Emergency Response Training and Evaluation Group shares a story at the reception.





SRNS Senior Security Specialist and U.S. Army veteran Christopher Frazier (left) works with Edwin Robatue (center) and Matthew Britt, also SRNS employees and Army veterans.

# Veterans at work

## Former military find new ways to serve their country at SRNS

SRNS has dedicated a wide range of corporate resources to actively pursue U.S. military veterans as new hires.

“We believe it’s important for at least six percent of all our new employees to be veterans,” said Carol Barry, SRNS Senior Vice President, Workforce Services. “For six consecutive years, we have exceeded that goal, averaging 9.2 percent. Last year alone, we hired 81 veterans.

“The success of this effort is directly attributable to the importance our company places on having a diverse employee population and all the advantages it offers. We’ve found that military veterans frequently bring with them an unusually high level of maturity, work ethic and a sense of responsibility that we greatly value,” she added.

Barry explained that resources invested in reaching veterans include an emphasis on job fairs and inviting veterans on site to experience job shadowing opportunities. To recruit local veterans, SRNS recruiters have supported job fairs at Fort Gordon in Augusta, Ga.

Barry noted that the SRNS Environmental, Safety, Health & Quality Assurance job shadowing program gives the participants and hiring managers the opportunity to exchange information, visit job sites and gain the knowledge to make an informed decision for both the veteran and SRNS.

“We continually hear positive comments from veterans stating how much they appreciate our willingness to work with them, not only through the recruiting process, but we also help them develop effective resumes and job interview skills,” said Barry.

U.S. Army veteran Christopher Frazier recently joined SRNS as a Senior Security Specialist and is transitioning to life at SRS. “As one of the first soldiers to participate in the SRNS/Fort Gordon job shadowing program, I quickly realized that I wanted to join this team so I could continue serving my country in this great atmosphere that has been created here on site,” said Frazier.

An important part of the SRNS employment strategy includes establishing a strong, long-term relationship with area colleges and universities. “We’ve formed memorandums of agreement and worked closely with their officials to ensure they understand our employment requirements,” said Barry. “As a result, we have worked together to create curriculum to meet these needs.”

This has resulted in a situation where local colleges and universities are attracting students, including veterans, who are aware that their odds of being hired upon graduation into a stable, well-paying job are greatly increased because of this unique arrangement.



*"We've been taught how to work safely and securely, protect the environment and do our jobs properly. All of this helps make our nation safe. We want to pass that on to the next generation of workers."* **Booboo Roberts**

# Nuclear Science Week leads students to a lifetime of learning

**E**ach year, Nuclear Science Week brings local students to SRNS to participate in hands-on demonstrations and learning activities, all related to SRS work.

While visiting SRS facilities in October, dozens of students were recently immersed a variety of topics including lasers, virtual reality, environmental monitoring and the properties of radioactive material.

"We believe SRS is an excellent location for students to experience first-hand some of the science-related technologies we work with on a daily basis. We had more than 30,000 students and teachers participate in our education outreach programs last year," said Kim Mitchell, SRNS Education Outreach Program. "I'm confident that Silver Bluff, Lakeside and Williston-Elko high school administrators believe the time spent engaging with SRNS employees and instructors is highly beneficial for the attendees and could have a significant impact on their future studies and career selections.

Silver Bluff High School freshman Ashley Peters said she had previously believed SRS consisted of a single factory-like building. "I never realized how big this place is or all the safety measures there are to protect yourself from radioactive contamination, such as the special clothing and tools. It's really cool. All of this keeps you and others working around you safe," she said.

"As employees retire, we need to ensure a transfer of knowledge takes place with new employees, many of which may be the students we're working with today. We've begun to lay that foundation through the Nuclear Science Week program through these future professionals," said Booboo Roberts, SRNS Training Instructor. "We've been taught how to work safely and securely, protect the environment and do our jobs properly. All of this helps make our nation safe. We want to pass that on to the next generation of workers."

Ireland Mack, also a Silver Bluff freshman, stated that she thinks it's important for students to visit SRS and explore different career fields found there. "It will open their eyes to lots of opportunities. This visit will definitely make me consider different career options, like engineering."



SRNS Training Instructor Booboo Roberts challenges local high school students visiting SRS to learn more about the properties of radiation by completing tasks that simulate actual working conditions.





# Razing a building raises a protégé

## Demolition of once-essential facility lowers costs, boosts small business

During the Cold War era, nuclear materials for our country's defense were transported in heavily-shielded railroad cask cars from SRS reactor buildings to on-site chemical processing facilities. When the last reactor closed in 1993, cask cars were no longer needed. As a result, the once-vital Cask Car Repair Building, abandoned years ago, was recently demolished. The deactivation and decommissioning of this 1950s-era building continues the cleanup of legacy facilities at SRS.

"SRS is responsible for wide variety of projects and missions; however, as we grow in some areas, in others we no longer need to incur the ongoing costs to maintain obsolete structures," said Rick Sprague, SRNS Senior Vice President, ESH&Q. "The best alternative is usually to safely and efficiently demolish them."

To date, 292 structures on the Federal Facility Agreement list have been deactivated and decommissioned at SRS.

SRNS Geologist Steven Conner explained that demolishing the building posed a challenge because of low-level contamination found within the structure.

"The decommissioning of any radiologically contaminated facility requires additional safety measures to ensure the protection of our employees and those of our subcontractor, CTI and Associates," said Conner. "Working as members of the SRNS project, CTI employees performed all contracted activities related to the deactivation and decommissioning of this facility both safely and with no release of contamination to the environment."

SRNS Program Manager Mike Griffith added, "The removal of safety concerns for site maintenance workers, enhanced protection of the public and elimination of any potential release of hazardous substances to the environment were other reasons to complete this project."

Griffith noted that working with CTI, an SRNS Mentor-Protégé company, was a win-win for SRNS. "They did a great job, and it was rewarding to help a young, small business succeed at their first deactivation and decommissioning contract," he said.

The SRNS Mentor-Protégé Center of Excellence focuses on maximizing the individual strengths of the protégé companies as well as providing them a safe place to share best practices and lessons learned with other small businesses.

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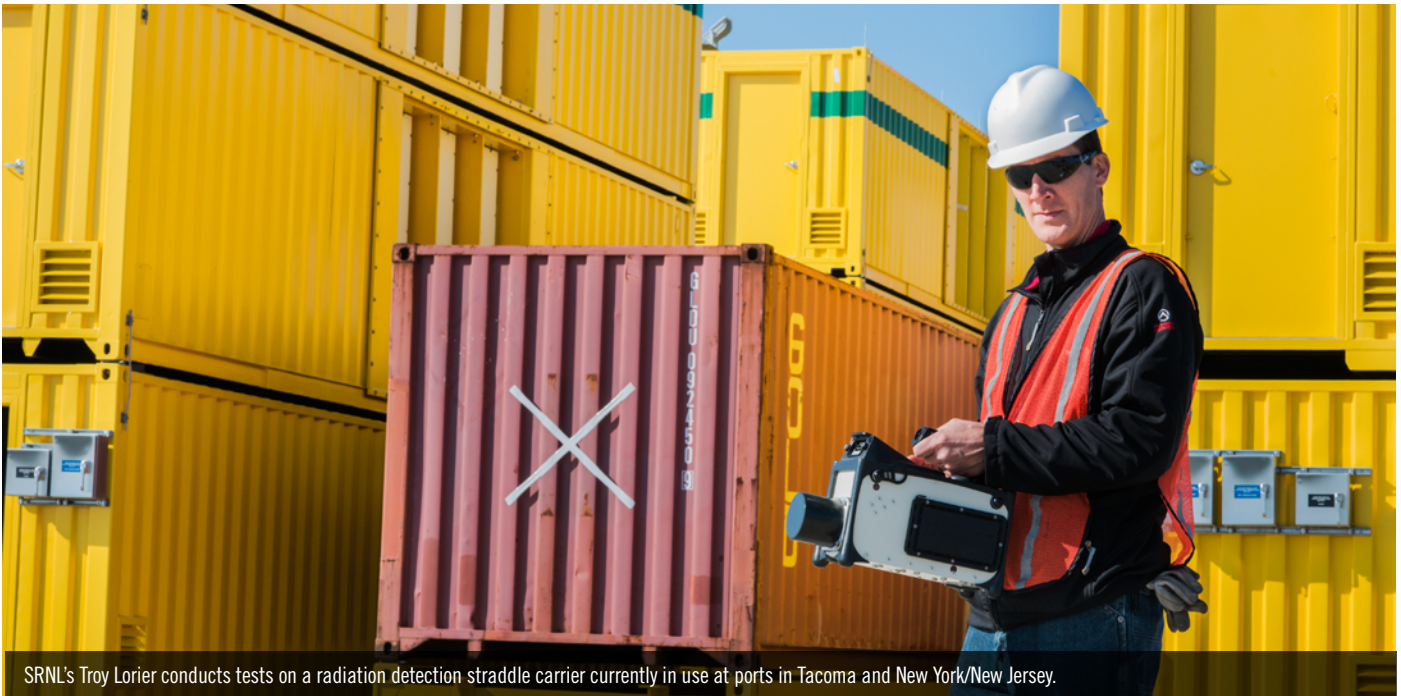
*"It was rewarding to help a young, small business succeed at their first deactivation and decommissioning contract."*

**Mike Griffith**

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SRNL's Troy Lorier conducts tests on a radiation detection straddle carrier currently in use at ports in Tacoma and New York/New Jersey.

# SRNL radiation detection systems in operation at ports of Tacoma and New York/New Jersey

After years of development and testing, a radiation detection system developed by Savannah River National Laboratory (SRNL) is now in full-scale operation at major United States shipping ports.

In 2018, the SRNL-designed and tested On-Dock Rail Straddle Carrier Portal Monitoring System was commissioned and put into operation at the Port of Tacoma, Wash. In 2019, the system was duplicated, commissioned and put into service at Maher Terminal, Port of New York/New Jersey. The systems were developed with funding from the Department of Homeland Security and will be operated by that agency's U.S. Customs and Border Protection organization. Pacific Northwest National Laboratory will assist in both locations with ongoing operational support.

The system is designed to detect illicit radioactive material in intermodal cargo containers. It is built to provide an efficient way to monitor cargo as it is transferred from ship to rail for ground transport.

The SRNL design uses multiple radiation monitoring panels mounted into the sides of inter-modal cargo containers, more commonly known as shipping containers. Shipping containers are used to move a large percentage of the goods that are exchanged in international trade. As large straddle carriers unload multiple stacks of containers, they can be transported and scanned through the monitoring panels of the Straddle Carrier Portal system prior to loading on rail cars.

The system is expected to save significant time and space requirements for scanning these containers.

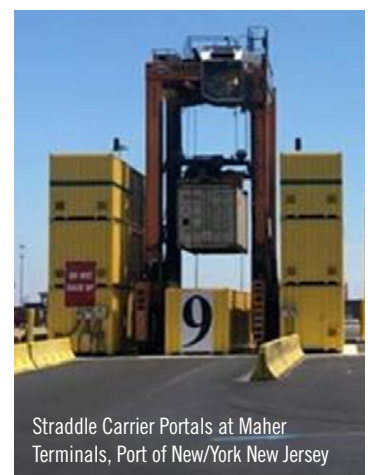
"This is the result of the application of a range of competencies and the creativity of a number of people at the national lab and SRS," said David Wilson, Associate Laboratory Director for National Security at SRNL. "We have not only enhanced our national security, but we've delivered on a system that can do so while increasing the efficiency of operations at these ports. This is the kind of practical application of science that this lab does best."

The Straddle Carrier Portal has been in development and testing at SRNL since 2011. SRNL personnel completed data collection testing that year using a straddle carrier deployed at SRS to transport a wide range of test containers holding varieties of radioactive sources packaged in different shielded configurations. A prototype was installed in fall 2011 at the Port of Virginia, and the system was refined and upgraded in subsequent years in anticipation of permanent installation and operation at sea ports like the Ports of Tacoma and New York/New Jersey.



*"We have not only enhanced our national security, but we've delivered on a system that can do so while increasing the efficiency of operations at these ports. This is the kind of practical application of science that this lab does best."*

**David Wilson**



Straddle Carrier Portals at Maher Terminals, Port of New York New Jersey



# Raising the bar, forging

## Unneeded steel from cancelled MOX project finds new purpose at area schools and colleges



SRNS Senior Property Management Specialist Mark Hall (left) and teamster Scott Murphy prepare to load excess stainless steel for delivery to area welding education programs.

**T**housands of pounds of donated scrap stainless steel will help give local welding students a boost toward well-paying careers. Welding education programs at 18 high schools and technical colleges are each receiving 2,000 pounds of stainless steel from SRS for use in training future welders.

Welding stainless steel is a valuable skill in industry, but the cost of the material means that schools usually are not able to give their students hands-on training with actual stainless steel. Instead, they train on carbon steel or other materials with properties that can be very different. “It’s going to give them such a leg up to already have this experience,” said Daniel Ball, welding instructor at the Aiken County Career Center.

The first delivery of stainless steel went to Allendale-Fairfax High School. Their welding curriculum provides lots of hands-on experience for its students, but—like most welding education programs—no previous opportunity to work with stainless steel. Chad Green, who teaches welding, is looking forward to students using the material to learn pipe welding and similar skills.

The donations are part of NNSA’s strategy for obtaining the greatest benefit from materials no longer needed for the cancelled Mixed Oxide Fuel Fabrication (MOX) Facility project. NNSA and SRNS are working together to apply a rigorous review process to determine potential uses for the excess material and equipment, giving top priority to the agency’s projects at SRS and elsewhere.



### Schools receiving steel donations

#### South Carolina

Abbeville County Career Center  
Aiken County Career Center  
Aiken Technical College  
Allendale Fairfax High School  
Barnwell County Career Center  
Cope Area Career Center  
Denmark Technical College  
Edgefield County, Strom Thurmond Career Center  
South Aiken High School  
Wagener-Salley High School

#### Georgia

Hepzibah High School  
Josey High School  
Evans High School  
Greenbrier High School  
Grovetown High School  
Harlem High School  
Lakeside High School  
Augusta Technical College



The stainless steel was determined to be unneeded by NNSA or DOE programs, and available to use in a way that benefits the community.

SRNS Senior Property Management Specialist Mark Hall saw the potential that the excess stainless steel held for welding programs and, after obtaining agreement from NNSA, coordinated the donation program. “This is scrap material to us,” he said, “but it’s something the schools usually can’t get and could use to prepare students for really good jobs.”



# the future



Chad Green (center), welding teacher at Allendale-Fairfax High School, and Mark Hall direct AFHS welding students as they unload stainless steel.



Welding students move the delivered donated steel to the Aiken County Career and Technology Center.



# A fresh look at the past

## SRS Museum holds re-opening with a new exhibit, '6,000 Stories'

**The SRS Museum**  
224 Laurens St.  
Aiken, S.C.

**Tuesday**  
10 a.m.–2 p.m.

**Wednesday**  
9 a.m.–2 p.m.

**Thursday, Friday,  
and Saturday,**  
9 a.m.–5 p.m.

**Free and  
open to the public**

The SRS Museum re-opened recently, unveiling a new exhibit entitled “6,000 Stories.” Funded by DOE’s Office of Legacy Management, the new permanent exhibit shares the stories of former residents of Ellenton, Dunbarton and other communities displaced in 1950 to make way for the former nuclear weapons production site once called the Savannah River Plant, and that is now SRS. ● At the reopening, former residents, community members and SRS employees shared stories, reconnected with old friends and celebrated the preservation of this important period in U.S. history. ● “SRNS is a proud supporter of the SRS Museum,” said Stuart MacVean. “This year, our investment to preserve the history of SRS will exceed \$100,000. Thousands of patriotic people contributed to SRS success over the past 70 years and played a vital role in the area’s history. It’s important that we remember their stories and their sacrifices for the nation.”



Stuart MacVean (left); Jeff Allison, NNSA-Savannah River Field Office Deputy Manager; Mike Budney, Manager, DOE-Savannah River Operations Office; and SRS retiree Walt Joseph with his wife, Paula (in foreground) attended the event.



Don Stephenson (right) Savannah River Archaeological Research Program, with George Heath, a former resident of the Hawthorne, S.C., community.







Members of the SRNS United Way committee celebrate the achievement of the 2019 goal.

# More than a million for United Way: SRNS team celebrates with agencies to conclude campaign

SRNS employees gave back to surrounding communities through another successful United Way campaign, raising \$1,237,892, which includes the employee campaign and corporate match. The SRNS campaign committee invited the participating United Way agencies to SRS for a celebration on Nov. 14.

During the event, Campaign Chair A.D. Bollig presented the donation checks to the United Way agency representatives. Among these representatives were Sharon Rodgers, President, United Way of Aiken County and Brittany Burnett, President and CEO, United Way of the CSRA (Central Savannah River Area).

The SRNS United Way campaign is a huge contributor to the surrounding United Way agencies. "SRNS has been an amazing partner and number one contributor to the United Way of the CSRA for many years," said Burnett. "The United Way of the CSRA impacts the lives of one in four people in our community. We would not be able to have this level of impact without the support from the SRNS community.

"SRNS is consistently viewed as a strong corporate citizen here in the CSRA, and their support for United Way is just another way in which their leadership is evident in our region," continued Burnett.

With the support of the SRNS United Way Campaign, the United Way of Aiken County is able to help those in need. "The SRNS United Way Campaign is the largest supporter of the United Way of Aiken County," said Rodgers. "Without the support of SRNS and its very generous employees, our nonprofit community would not have the

funding it needs to impact the lives of children, seniors, disabled, underemployed and people in crisis throughout our community."

Along with eCard donations, employees raised approximately \$138,000 more by fund raising through bake sales, silent auctions, lunches and other events. Parent companies of SRNS also provided a corporate match totaling \$209,319.

Awards were given out at the celebration to recognize committee members for their devotion to the 2019 United Way campaign.

**Manager of the Year:** Janice Lawson, Environmental Management Operations

**Outstanding Leads:** Seneca Johnson, Site Services; Shawna Lloyd, Maintenance Site Services; Eddie Lugo, Savannah River Tritium Enterprise (SRTE); Gena Russo, SRTE

**Volunteer of the Year:** Desiree Johnson, Asset Management and Distribution Operations

**Chairman's Award:** Kevin Whitt, Operational Excellence

**Bill Arra Award:** Joe Shappell, SRNL Nuclear/Criticality Safety Engineering

This year's campaign benefits United Way of Aiken County; United Way of the CSRA; United Way of Edgefield County; United Way of McDuffie County; United Way of the Midlands; United Way of Screven County; United Way of South Carolina, including Bamberg, Colleton and Hampton counties; United Way of Anderson County; and United Way of Barnwell County, including Allendale County.



## Merrick & Company office opening



Senior SRNS personnel recently attended Merrick & Company's open house to welcome the company to the community of employers supporting the proposed Plutonium Processing Facility and other SRS missions. Pictured from left are: Stuart MacVean; Scott Gustafson, Vice President, Nuclear Services, Merrick; Tony Wampler, Business Development Manager, Merrick Nuclear Services and Technology; and Dennis Carr, SRNS Executive Vice President and COO.

## New roof at SREL joins long list of replacements and upgrades to SRS infrastructure in past year

A deteriorating and leaking roof at the Savannah River Ecology Laboratory (SREL) at SRS, was recently replaced by SRNS. The new roof ensured the facility could continue to safely house the University of Georgia (UGA) staff, students, equipment and animal care program.

SRNS Site Services construction subcontract employees managed the project that successfully met a FY19 Performance Based Incentive while working closely with subcontractor C.E. Bourne & Company, of nearby Greenwood, S.C., a small, woman-owned business.



*"The majority of the improvements have involved installing new roofs, paving roads and renovating buildings. We are pleased that the same level of performance and dedication to safety applied to recent projects could also be obtained for our friends at SREL."*

**Mark Eberl**



SREL Director Olin E. Rhodes Jr., expressed his appreciation for the accomplishment and said, "With the large number of competing infrastructure needs around the site, we are exceedingly grateful to DOE, SRNS Site Services and the roofing subcontractor for responding to our dire need for roof replacement in a timely manner and for ensuring the safety and security of our staff as we conduct our mission here at SREL."



Savannah River Ecology Laboratory

Funding and strong support from DOE has enabled the completion of \$120 million worth of infrastructure improvements over the past fiscal year at SRS.

"The majority of the improvements have involved installing new roofs, paving roads and renovating buildings, all part of an effort to ensure continued achievements related to our site missions," said Mark Eberl, SRNS Subcontracts Execution Manager. "We are pleased that the same level of performance and dedication to safety applied to recent projects could also be obtained for our friends at SREL."

SREL has been an integral part of SRS since the Atomic Energy Commission had concerns in 1951. Although a laboratory was originally built at the site in 1954, current lab facilities were established in 1977.



# McIntosh honored with national cyber award for assistance in creating USC Aiken program

SRNS Cyber Security Engineer Barry McIntosh, Ph.D., was recently presented the Government Innovation Award for Public Sector Innovation for his assistance towards the creation and implementation of a multi-faceted cyber degree program at the University of South Carolina Aiken (USC Aiken).

During the ceremony, awards were presented to winners by the Government Innovation Awards (GIA) organization. GIA officials described the awards ceremony as a celebration of “transformative government projects, individual change agents and industry partners that are re-imagining public-sector IT.”

McIntosh participated on a four-person team of SRNS employees providing a high level of expertise to assist in developing the new cyber degree program. As a result, the curriculum was approved by the S.C. Commission on Higher Education and is now a new undergraduate major for students studying Applied Computer Science.

“While I was nominated for this award as an individual, the project was completed by a team that consisted of Dan Farmer and John Walker, Project Controls and Automation Engineering, and John Bobbitt, SRNL. The team was able to blend the perspectives of cyber operations, industrial controls cyber operations, software development and cutting-edge cyber research conducted in SRNL,” said McIntosh.

According to McIntosh, a pressing need for qualified cyber professionals in the Central Savannah River Area (CSRA) identified the



Barry McIntosh

need for the major. “At SRS, we have a growing demand for cyber professionals to protect the nation’s assets. Additionally, the CSRA is home to the U.S. Army’s Information Assurance Training center, the National Security Agency (NSA) and the U.S. Cyber Command. With the expanding military cyber presence, many large cyber companies have chosen to open local offices. This sudden growth has rapidly exceeded the local availability of qualified candidates, which is why SRS, the Army and NSA are all working with local colleges, high schools and even grade schools to develop academic programs that can supply a human talent chain that can support the ongoing missions of all this local cyber industry,” he said.

Over the course of several months, the team worked with USC Aiken administrators and faculty, including the provost and former dean of the College of Sciences and Engineering, Daren Timmons, Ph.D., to develop a new curriculum for the degree program.

“The synergy and strong motivational drive exhibited by the team members right from the start was inspirational,” said Timmons. “With the escalating number of cyber-attacks experienced annually, we knew this new degree program in cyber security had to be part of our redesigned Applied Computer Science program here at USC Aiken.”

The project was conducted during off-hours in the evenings over roughly a six-month period. “The team and I would meet with either the provost or a group of professors in the evenings on the USC Aiken campus. At the end of the six-month period, we submitted our final recommendations. These recommendations are largely represented in the current degree with some minor adjustments that likely came out of the year-long accreditation process with the Board of Regents,” said McIntosh.

## LEAP-ing into leadership

SRNS Leaders Emerging Among Professionals (LEAP) recently hosted the 2019 Professional Development Conference, which focused on the importance of strong leadership in the workplace. Attendees heard from SRNS senior management who are currently serving in leadership positions. Among the leadership was Senior Vice President, Environmental Management Operations Wyatt Clark; Engineering Organizational Development Eugene White; and Director, Supply Chain Operations Jay Johnson.

This year’s keynote speaker was former Mayor of Augusta, Ga., Deke Copenhaver. Copenhaver spoke about treating individuals with dignity and respect, as well as the idea that leadership is all about service to others.





## Improved employee engagement reinvigorates security awareness



Stephen Szabo talks cyber security with attendees at a recent Security Roadshow.

SRS has a long-standing reputation as one of the safest major industrial sites not only in the DOE complex, but in the world; holding the protection of employees, the public, the environment and national security interests as core values for nearly 70 years.

To promote security engagement, SRNS offers events throughout the year, safety meetings and employee-led initiatives that allow individuals to become involved and become more knowledgeable about the site's mission and emerging security issues.

"This year the SRS Security team has created a stronger presence on site to onboard new employees and reinvigorate existing employee awareness of security matters. This has been accomplished by providing employees with more opportunities to get involved and learn about security in an interactive and hands-on experience," said Security Awareness Program Manager A.D. Bollig. "Security plays a vital role in the daily operations of the site, and our team continuously works to provide employees with the necessary tools to prevent security infractions."

Events such as the SRS Security Roadshow—held across various facilities from June through November—provide employees with interactive experiences implementing and learning about the site's security policies in a fun and informative atmosphere. SRNS also holds Local Safety Improvement Team (LSIT) events, leadership one-on-one classes and monthly safety meetings to ensure employees are informed with the most current procedures, good practices and trends.

"Security encourages the use of security pamphlets for pre-job briefs, Behavior Based Safety observations and Management Field Observations," said Dianne Janssen, Business and Program Support Manager for Safeguards, Security and Emergency Services. "Security has been distributing the books at various areas, at SYNC (Start Your New Career) training sessions and at SRS Security Roadshows. The feedback has been very positive."

SRNS team members who are interested in becoming more actively involved in supporting safety and security engagement can join an LSIT and become advocate leaders in their respective areas. The LSIT program is an employee-driven safety team with the goal of sustaining and advancing the safety and security culture and practices at SRS.

## SRNS contributes \$25,000 to North Augusta Forward



SRNS recently presented a \$25,000 contribution to "North Augusta Forward," continuing its long-standing commitment to the City of North Augusta's downtown development and planning efforts.

SRNS has invested \$135,000 in the organization since 2010.

The contribution was made as part of a special study session of the North Augusta City Council with the North Augusta Forward organization, the city planning commission and downtown business owners. The city council and mayor also heard from Main Street South Carolina, a statewide downtown revitalization organization partnering with the city.

Pictured at the presentation are (from left) Jenny Boulware with Main Street South Carolina; Avery Spears-Mahoney, executive director of North Augusta Forward; Chris Caldwell, Manager, SRNS Government and Community Relations; and Freddie Grimm, SRNS Business Planning and Integration Director and a North Augusta Forward board member.





## ● Snap SRS photography exhibit featured at Aiken Center for the Arts

Mark Amidon of SRNL Geosciences and Carolina Reppert of SRNS Emergency Management discuss Amidon's photograph, one of the Snap SRS photos on display at a Nov. 7 opening at the Aiken Center for the Arts (ACA). The exhibit features 33 submissions from site employees that included photographs in four categories: SRS Scenery, Science as Art, Local Scenery and Nuclear Knowledge. Located in the Center's Brooks Gallery on the second floor, the exhibit is free and open to the public, and will run through Dec. 4. The ACA is open Monday through Saturday, 10 a.m. to 5 p.m.

## Richard Lewis honored as SRNS 'Boss of Year'

Richard Lewis, Manager, Design Execution, was named 2019 SRNS Boss of the Year at a recent celebration. Lewis, who was selected from 35 nominees, was nominated by a team of his direct reports.

His nominators recognized him as being one who "fosters a culture of open communication, champions development of new engineers, constantly supports others and has a heart for safety." Another notable quote from the nomination highlighted Lewis' "distinguished service to the company over the past 35+ years, and the work he is currently performing to launch the Fire Protection Engineering Group into the next season of work and leadership."

The Boss of the Year Celebration was sponsored by the SRS Special Emphasis Program Committee. The committee is made up of representatives from DOE, SRNS, Savannah River Remediation LLC, Centerra-SRS, LLC and USDA Forest Service Equal Employment Opportunity Offices.



Richard Lewis

## ● SRNL's Hoffman named 2019 ASM International Fellow

ASM International, formerly known as the American Society for Metals, has named Dr. Elizabeth Hoffman, SRNL's Director of Innovation and University Engagement, as a 2019 ASM International Fellow. The title recognizes her accomplishments as a technical and professional leader in the field of material science and engineering.



Dr. Elizabeth Hoffman

Dr. Hoffman was honored for broad applied science contributions to materials performance research in nuclear applications, for the development of scientists and engineers in the area of nuclear materials research and for bridging the national laboratory with academic communities.

Dr. Hoffman expressed sincere appreciation in being honored by her peers. "This recognition is important to me because it is recognition from others in the society that I have made a difference to further the field of materials science and engineering and that I have made some level of positive impact on others," she said.

The award highlights her ability to volunteer and connect people with scientific interests. She has been extensively involved with ASM International since graduate school, where she started as a member of Materials Advantage, a combined effort between ASM, the American Ceramic Society and the Minerals, Metals and Materials Society.

Dr. Hoffman participates in the Savannah River ASM Chapter in a variety of roles, including Chair of the Chapter in 2008, and has served on a variety of national committees, including Chapter Council, Nominating Committee, Awards Policy Committee, Emerging Technology Awareness Committee and Women in Engineering Committee.



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