



Spring 2022

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Update from our Executive Director

As I write this note, we are busily planning for the 20th Annual CNTA Charity Golf Tournament! This event is our largest fundraiser of the year and is always enjoyed by our members and friends. We thank the many sponsors for their continued support. The event runs smoothly thanks to the support of our numerous loyal volunteers – some I expect have volunteered for most of the past 20 years! I am now fully recovered from my hip surgery and look forward to hitting a few (good and bad) shots alongside the competitors.

We were recently able to award six scholarships to high school students through our annual essay contest. Thanks to our many volunteers that arduously reviewed the essays. We also awarded five grants to area educators. These grants will be used by the teachers for in-class activities to excite and engage their students.

We are now back to holding in-person events. We held an excellent Up and Atom breakfast in March highlighting the Workforce Opportunities for Regional Careers (WORC) grant program. Thanks to Mindy Mets, Crystal Ratliff and Brooke Stagich for providing information about the program and sharing their personal stories on the impacts of the WORC grants. We have an interesting schedule of Up and Atom events planned for the rest of the year so keep your eyes open for upcoming announcements.

I am happy to report that we are getting back into in-person outreach! I recently participated in a college/career fair at Fox Creek High School and Paul Ebel presented to science students at Bettis Academy Middle School. We will be exhibiting at the upcoming Dream Imagination Gift (DIG) STEM festival in May. We are also scheduled to present at a high school summer STEM camp in June at SC State University.

I want to close by thanking Allison, the board and our many volunteers for helping us navigate through the pandemic. We were able to keep our programs moving forward and maintain a good financial position. I can't wait for our summer events and hopefully a sense of normalcy when we move into the fall!

Jim

Update from our Board Chair

Thankfully COVID-19 has been relatively quiescent this spring, so it has been fantastic enjoying Up and Atom breakfasts again and seeing everyone's smiling faces at our recent CNTA events. Though we have likely not seen the last of it, I appreciate our members staying as active as they could through any means available. Much of that success over the last two years has been through the dedicated and creative guidance of Allison and Jim and I would like to recognize these efforts!

One impact we have had that was likely due to COVID was a loss of about 15% of the membership over the last two years. We don't know whether to attribute this reduction to the lack of in-person events, or perhaps a large number of folks decided to retire while teleworking, we obviously want to reverse this trend. Our business and individual member dues account for about half of our income each year and allows CNTA to continue to educate our communities on all things nuclear.

I personally want to encourage you to bring a friend to an Up and Atom breakfast or perhaps get them to help with the STEM event. Show them some of what we do. One colleague was so creative that he paid for a table at breakfast and invited 5 young professionals to join him and to join CNTA at the same time. These young professionals are the future of CNTA; inviting one to an event seems like a great way to bring new talent into the organization. I would love to hear your creative ideas to grow CNTA.

Best,

Steve Sheetz
Sheetz.energy@gmail.com

Education Committee Updates

Lifelong Learning Class at UofSC Aiken

Citizens for Nuclear Technology Awareness (CNTA) recently taught a class at the University of South Carolina Aiken Center for Lifelong Learning to give insight to participants about the Savannah River Site (SRS) and its economic impacts to the region.

Titled “Savannah River Site: Supporter of the Nation and Regional Economic Engine” and led by CNTA Executive Director Jim Marra, this course featured speakers from across the Site, including both Federal and contract employees. Approximately 30 people attended this three-day course for an hour each day.

The first session featured an overview of SRS by Manager of the Savannah River Operations Office for the Department of Energy Michael Budney and a summary of results from a recent economic impact study from President/CEO of the SRS Community Reuse Organization Rick McLeod.

Other speakers included Dennis Carr, Executive Vice President and Chief Operating Officer for SRS managing and operating contractor Savannah River Nuclear Solutions (SRNS); Dave Olson, President and Program Manager for SRS liquid waste contractor Savannah River Mission Completion; Sharon Marra, Deputy Director of Operations for the Savannah River National Laboratory; Joyce Hopperton, Director of Environment, Safety, Health and Quality for SRS protective force contractor Centerra; and Charles Munns, past SRNS President /CEO and President of Munns Advisement.

One attendee said “The knowledge of the speakers was excellent. The presentation on national security by Admiral Munns was especially pertinent due to the current worldwide tensions.”

CNTA is proud to support the Center for Lifelong Learning and its mission to provide continuing education opportunities for adults in the CSRA. CNTA teaches one class each spring.

Presentations and other resources from the class can be found here: <https://cntaware.org/lifelong-learning-resources/>

You can find more information on the Center for Lifelong Learning here: [CLL Home \(aikenlearning.org\)](http://CLL Home (aikenlearning.org))

Thank you to the presenters and volunteers who helped make this class possible! CNTA plans to teach another class next spring and the CNTA Education Committee is currently brainstorming topics.

Future City Competition

CNTA participated in the 2021-2022 SC Future City Regional competition as a Platinum Sponsor. The competition challenges middle school students to design a city of the future. Not only does Future City enhance students’ imagination and creativity but also fosters increased interest in science, technology, engineering and math. This year’s theme was “sustainability.” As a Platinum Sponsor, CNTA selected a “Best Use of Nuclear Technology” award winner.

The team from Merriweather Middle School from North Augusta was the winner of the Best Use of Nuclear Technology award. Their city, Whitestunville, included nuclear as a power source in both large-scale and small-scale for electrification and transportation within the city.

A special thanks to Quentin Price, Jon Wickliffe and Jim Marra for serving as judges for CNTA.



Advocacy/ Public Outreach Activities

CNTA is excited to be getting back into the schools/community!

A few of our 2022 activities are:

- UofSC Aiken Career/Internship Fair
- Fox Creek High School Career Fair
- Bettis Academy Middle School Science Classes
- Dreams Imagination Gift STEM Festival
- SC State STEM camp
- UofSC Aiken Science Education Enrichment Day

The Communications committee has written and published six news releases so far in 2022. The committee will start gearing up for the Fall Nuclear Science Week Insert partnership with *The Aiken Standard* soon! If you have interest in helping the committee with this great outreach and advocacy project please let us know!

HELP CNTA & HELP THE COMMUNITY

Support local business by purchasing items or gift cards & donate them to CNTA!

Donations can also be made at:

<https://cntaware.org/about-us/>

& CNTA will purchase gift cards from local businesses.

Contact Allison (office@cntaware.org) for details

*All donors received by September 1, 2022 will be entered into a drawing for two tickets to the Fall Low Country Boil (this event usually sells out!)



CNTA
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www.cntaware.org

The Community Gift Card program is back for 2022!

This program provides raffle prizes for CNTA raffles and supports local businesses. Individuals can donate cash, gift cards, or raffle prizes purchased from local businesses and be entered to win two tickets to the fall Oyster Roast!

Since 2020 this program has raised over \$5,000!



Citizens for Nuclear Technology Awareness (CNTA)

February 22 · 🌐

Column by our own Executive Director highlighting successes at SRS despite the pandemic!

A Guest Column by CNTA's Executive Director was published on February 18, 2022 in the *Aiken Standard*. We highlighted it on our social media. Find and follow us @cntaware on Facebook, Instagram, Twitter., and YouTube!

POSTANDCOURIER.COM

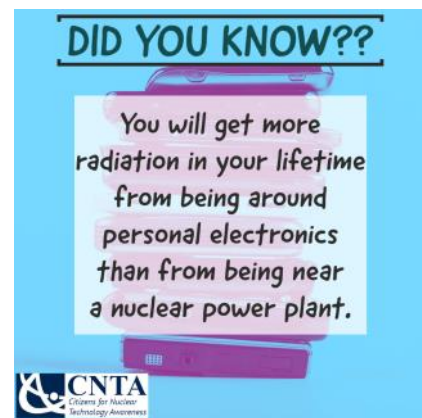
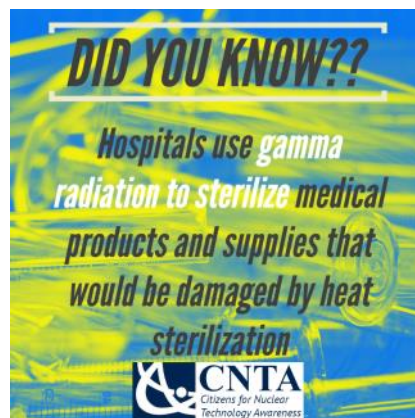
Column: Despite pandemic, SRS achieves cleanup success

We all understand the nature of the COVID-19 pandemic: tremendous...

The Education and Communications Committees continue to create "A-HA" Graphics for use on social media.

The entire collection is available at: <https://cntaware.org/nuclear-graphics/>

If you have ideas on what we should include next, send them to office@cntaware.org!



2022 Essay Contest Winners Announced

Six area high school students won scholarships resulting from their winning entries in the 2022 Citizens for Nuclear Technology Awareness (CNTA) High School Essay Contest. Two students won \$1,000 apiece, two won \$750 apiece, and two students won \$500 apiece.

The winners of the 16th annual writing contest are:

\$1,000 Winners



Dillon Hammell, Aiken High School, for "Isotopes in Medicine: How They are Used and Where we get them"



Adam Wallace, Richmond County Technical Career Magnet School, for "Nuclear Energy and Space Exploration"

\$750 Winners

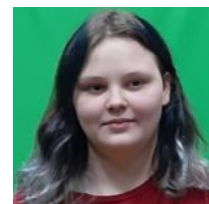


Matthew Miller, Spring Valley High School, for "Uses of Radioisotopes in Medicine and U.S Dependence on Foreign Supply"



Tyler Sims, Davidson Fine Arts Magnet School, for "The battle for power: Nuclear energy vs. fossil fuels"

\$500 Winners



Kaytlin Sturkey, Richmond County Technical Career Magnet School, for "Nuclear Technology and Space Exploration"



Azaria Martin, Richmond County Technical Career Magnet School, for "How different forms of electrical generation impacts global warming."

The goal of the CNTA Essay Contest is to increase high school student awareness of nuclear technologies and their impact on society. Each student picked one of four topics for this year's contest:

1. *This past year has seen much progress toward sustained fusion power ... discuss the progress and remaining roadblocks.*
2. *Discuss the use of nuclear technology in space exploration (past, present, and future).*
3. *Discuss the importance of isotopes in today's medicine and the U.S. dependence on foreign supply.*
4. *Discuss how electricity generated from nuclear power versus fossil fuels can impact global warming.*

"We were very impressed with the quality of the essays we received from all the students this year," said Dr. Marissa Reigel, Chair of the CNTA Essay Committee. "It was exciting to see the breadth of information the students included in their essays."

The contest was open to high school juniors and seniors in Aiken, Allendale, and Barnwell counties in South Carolina and Burke, Columbia, and Richmond counties in Georgia; homeschool students; and students of CNTA member families. The winning students, and their parents, will be honored guests and recognized at an upcoming CNTA event later this year.

CNTA thanks the many supporters of the Annual Essay Contest. The 2022 contest was sponsored by Dr. and Ms. Christopher Noah, Dr. Susan Wood, and private gifts. Thank you also to the volunteers who graded the essay submissions to arrive at our six winners.

Over the course of the Essay Contest program, CNTA has awarded over \$65,000 to deserving students.

Educator Grants Program

For our 2022 Educator Grants Program, CNTA awarded five grants to local teachers to help fund science-related curriculum in their classrooms. The winning teachers and school administrators were notified in early March.

The grants, each about \$500, will be used to fund projects that promote an increased understanding of science, technology, engineering, and math (STEM); atomic and nuclear fundamentals; radiation and nuclear materials safety; and applications of nuclear technology.

The 2022 grant winners are:

- Jayne Andrews, 6th grade, Riverside Middle School;
- David Kassner; 10th-12th grade, Lakeside High School;
- Donita Legoas, 6th grade earth science and STEM, A.R. Johnson Health Science and Engineering Magnet School;
- Nasiba White and Anna Reed; 2nd-8th grade, Savannah River Academy; and,
- Kristina Istre, 8th grade physical science and STEM, A.R. Johnson Health Science and Engineering Magnet School.

In addition to CNTA, sponsors of the CNTA Educator Grants Program are American Nuclear Society-Savannah River, Huntington Ingalls Industries, Battelle Savannah River Alliance/Savannah River National Laboratory, and a private gift from anonymous donors.

CNTA is honored to continue this important grant program to facilitate more local educational outreach by the organization, said Dr. Jim Marra, CNTA Executive Director.

"These grant awards are part of our continued partnership with area educators to provide instruction in the areas of science and math," Marra said. "We hope students find these activities informative, interesting, and fun, and spark an interest in pursuing a future career in the STEM fields."

We would like to thank our sponsors of this program and our volunteers who helped determine the winners. We look forward to recognizing these amazing teachers at future CNTA events!

2022 Maher Memorial Scholarship

The 2022 Maher Memorial Scholarship application is available! The \$5,000 scholarship is sponsored by Savannah River Mission Completion (SRMC). SRMC is the liquid waste contractor for the U.S. Department of Energy at the Savannah River Site (SRS).

This scholarship will be awarded to a Junior or Senior at a college or university in South Carolina or Georgia who demonstrates an outstanding academic achievement in nuclear science/engineering or a directly related field, such as chemical engineering, mechanical engineering, environmental science, materials science, etc., with applications to the nuclear field.

The Robert Maher Memorial Scholarship is a joint project of CNTA and SRMC. Maher, Vice President and General Manager for Strategic Mission Development at SRS, passed away in 2002 after a 48-year career at the Site. A visionary with a broad view of the Site's potential, Maher helped shape SRS.

The annual scholarship was established in Maher's memory to support students pursuing science and engineering degrees in preparation for careers in the nuclear field.

Scholarship Opportunity

\$5,000

Citizens for Nuclear Technology Awareness (CNTA) & Savannah River Mission Completion

Invite you to apply for the:

2022-2023 Robert Maher Memorial Scholarship!

The \$5,000 Scholarship will be awarded to one student who demonstrates outstanding academic achievement in a nuclear science/engineering related field!

- Must be a Junior/Senior in Fall 2022 at a College/University in South Carolina or Georgia
- Must have at least a "B" overall GPA & "B" average in science/engineering & mathematics
- Must be a U.S. Citizen

DEADLINE July 1, 2022

Application materials and more information available on our website:
<https://cntaware.org/maher-memorial-scholarship/>

Up & Atoms

- March 23, 2022- "WORC is Working" with SRSCRO. Presenters were: Mindy Mets (SRSCRO), Crystal Ratliff (ATC), and Brooke Stagich (SRNL)

Upcoming Up & Atom Events:

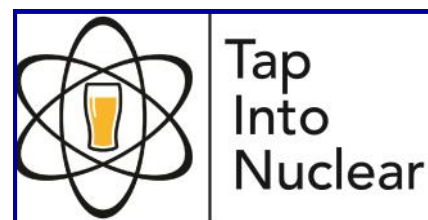
- May 12, 2022-** Dr. Mark Peters, Executive Vice President for National Laboratory Management and Operations at Battelle. 7:30am at Houndslake Country Club in Aiken SC.
- June 15, 2022-** Stuart MacVean, President & CEO of Savannah River Nuclear Solutions LLC. Sponsored by SRNS. 7:30am at Newberry Hall in Aiken SC.
- July 19, 2022-** SRS Interns. 7:30am at Newberry Hall in Aiken SC.
- August 17, 2022-** Alan Carr, Los Alamos National Laboratory Historian, 7:30am at Newberry Hall in Aiken SC.
- September 29, 2022-** SRMC. 7:30am at Newberry Hall in Aiken SC.



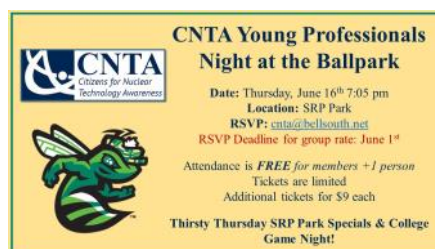
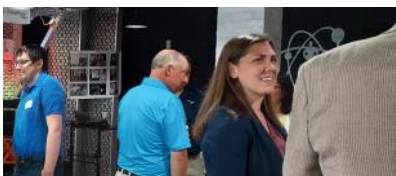
Young Professionals Committee

Tap Into Nuclear

April 21, 2022 kicked off the 2022 Tap Into Nuclear Series. The presentation was "Contract Changes & the Proposal Process" presented by Jeff Leita, Vice President, Business Development with Amentum. This event was held at Café Scientifique in Aiken SC.



Next Up- June 16, 2022- "CNTA Night out at the Ballpark" 7:05pm with the Augusta Greenjackets at SRP Park! CNTA Members tickets are free. RSVP to cnta@bellsouth.net by June 2nd to attend!



Fall Young Professional Fundraising Event

CNTA's young professionals are excited to host their 6th Annual Fall Fundraiser. **The event will be held at Palmetto Golf Club on October 15th!** This event is always popular and tickets will sell out fast!

This money raised from this event pays for the Tap Into Nuclear series, free membership for young professionals under 40, and other young professional activities. Sponsorships are now available and tickets will be available coming in June! Get yours early before they sell out!

Anyone interested in helping to organize, or volunteer at, this event please contact CNTA!



CNTA Welcomes New Board Members

Dr. James Marra, the Executive Director of Citizens for Nuclear Technology Awareness (CNTA), is pleased to announce the election of new members to the CNTA Board of Directors for 2022-2023.

Joel Leopard is the Communications Coordinator at the Vogtle Energy Education Center in Waynesboro, Georgia. He has 14 years of experience in external and internal communications within the nuclear industry. After six years with Shaw AREVA MOX Services in support of the MOX Fuel Fabrication Facility at the Savannah River Site (SRS), Leopard joined Southern Nuclear at Plant Vogtle in 2013. At Plant Vogtle, he provides public relations and educational leadership on behalf of Southern Nuclear, Georgia Power, and the plant's co-owners. In addition, he is involved with video, photographic, and graphic design production, emergency preparedness communications, and employee communications.



Lindsey MonBarren is a Principal Communications Specialist with the Environmental Management Operations Department at Savannah River Nuclear Solutions (SRNS). She has 15 years of experience in corporate communications, including service as a Public Information Officer with the South Carolina Department of Health and Environmental Control before coming to SRS. In addition, she was a Joint Information Center Specialist with the SRS Emergency Response Organization. MonBarren has a BA in Communications from Berry College. Her leadership roles include service as past president of the SRS Women in Nuclear organization, Chair of the CNTA Communications Committee, and a member of the Leadership North Augusta Class of 2017.

Aherial Polite is the Department Chair of Chemistry, Physics, and Nuclear Science at Aiken Technical College (ATC). Prior to joining ATC's faculty in 2018, she taught high school chemistry and physics for four years and worked in the University of South Carolina (UofSC) chemistry laboratory. Polite has a BS in Chemistry and a MA in Teaching Chemistry from UofSC Columbia. In addition, she interned at SRNS. She is currently pursuing her Ed.D. in Higher Education Leadership at Valdosta State University.



Tim Worrell is the Quality Assurance Manager for Merrick. Previously, he was a nuclear test engineer at the Charleston Naval Shipyard and a Systems Engineer at the Salem Nuclear Power Station before joining the Westinghouse Savannah River Company in 1989. His experience includes nuclear engineering, testing, maintenance, operations, and quality assurance on nuclear submarines, in commercial nuclear power plants, and in National Nuclear Security Administration and Department of Energy programs. Worrell retired from SRNS in 2020. He has a BS in Mechanical Engineering from the University of Alabama. In addition, he holds a Master of Divinity and Doctor of Ministry degree.

CNTA also welcomes new board chair Steve Sheetz. He retired from SRNL in 2015 and is now providing consulting services on tritium and pit production programs for SRNL. He has also been providing strategic planning support to domestic advanced nuclear reactor teams. Steve was a founding member of CNTA and is excited to serve CNTA as the new board chair. Joining Steve on the leadership team is Dr. Forest Mahan of Aiken Technical College who is the new vice-chair.



CNTA would like to thank the outgoing chair Dr. Daren Timmons for his years of service to the organization and his willingness to stay on our board of directors. CNTA also thanks non-returning board members Carol Jantzen and Matt McCoy for their dedicated support and contributions over the last several years.

10th Annual Members' Mixer

CNTA held its 10th Annual Members Mixer/Membership Appreciation Night on March 29, 2022. This informal networking event serves as CNTA's required Annual Meeting, and gives CNTA a chance to thank its members.

Sponsored by Bechtel at Newberry Hall in Aiken, the event highlighted the exciting progress CNTA made in 2021.

Some of the accomplishments included:

- Celebrating 30 years of being the voice of truth on nuclear matters and receiving recognition from the South Carolina State Senate for its efforts;
- Interacting with thousands of community members, educators, and students at STEM events, conducting I I Up & Atom and Tap Into Nuclear events, and a Lifelong Learning class at the University of South Carolina - Aiken;
- Reaching over 30,000 households by publishing the Nuclear Science Week insert in the *Aiken Standard*;
- Publishing over 25 press releases and news articles in local/regional news outlets;
- Awarding more than \$12,000 in scholarships and grants to area students and teachers;
- Raising over \$11,000 for young professional outreach;
- Hosting the 30th Annual Teller Lecture & Banquet at the Amentum Performing Arts Center in downtown Aiken;
- Hosting the 19th Annual CNTA Charity Golf Tournament; and
- Holding the 2021 CNTA Young Professionals Oyster Roast and Low Country Boil.

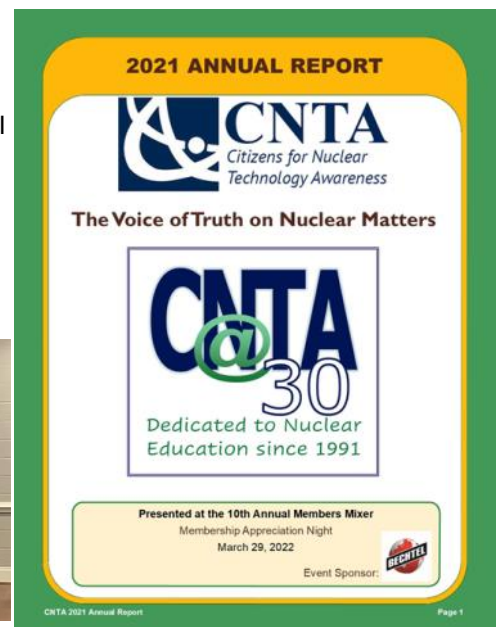
In 2021, CNTA continued to expand its social media outreach on Facebook, Twitter, YouTube, and Instagram while re-starting in-person events according to Executive Director Jim Marra.

"Thanks to our members and company sponsors, CNTA had another successful year advocating and educating on all things nuclear," Marra said. "We look forward to an even better year in 2022 getting back to in-person events in the classroom and community."

CNTA's 2021 Annual Report was presented at the event, and is available online at:

<https://cntaware.org/newsletters-and-reports/>

As part of this event, CNTA staff raffled off items to thank CNTA members. Everyone in attendance had a chance to win items including CNTA's coveted coffee mugs and tickets to CNTA events.



Savannah River Mission Completion Employees Serve Community for 2022 United Way Project VISION

Submitted by Savannah River Mission Completion

AIKEN, S.C. (April 5, 2022) — Savannah River Mission Completion (SRMC) employees volunteered their time and talents for the annual United Way Project Volunteers In Service In Our Neighborhoods (VISION) event. Their efforts included yard work, painting, pressure-washing, general cleanup, and minor construction.

More than 60 SRMC volunteers spread out across the Aiken area to take part in the annual Project VISION Day of Caring and perform tasks for numerous United Way agencies, including Children's Place, Brothers & Sisters, Cumbee Center, and a pair of clients' homes.

Matt Moore served as SRMC project leader at Children's Place, where his team performed yard work.

"The Project VISION Day of Caring is always a special event for us," Moore said. "This day gives us the opportunity to come together as a team and make a special contribution to each of these agencies. We can leave here knowing that our work has created a more welcoming play area for the children."

Project VISION of Aiken is in its 26th year, providing general labor and home improvement for those in need. The objective is to improve partner agency facilities and to increase self-sufficiency for disabled and senior citizens by repairing hazards at their private residences. Among the services performed at clients' homes were the pressure-washing of the home's exterior and construction of a wheelchair ramp.

Moore said SRMC's involvement in Project VISION fulfills a need in the community and is enriching for the SRMC employees who serve.

"These are the types of community projects that provide a sense of service to someone who truly needs help, whether it's an agency or an individual," Moore said. "It's the kind of work that leaves a warm feeling in your heart when the job is done."

[SRMC President and Program Manager Dave Olson was pleased by the staff's efforts to help others.](#)

"I thank each and every one of our employees who participated in this event," Olson said. "They did a wonderful service and have demonstrated their personal commitment to helping their neighbors and making our community a better place."

[SRMC comprises parent company BWX Technologies, Inc. with partners Amentum and Fluor.](#) Its team brings the capabilities necessary to accelerate cleanup at the U.S. Department of Energy's Savannah River Site through safe nuclear operations, optimized and integrated mission execution, and strong corporate governance.



Savannah River Mission Completion employees performed tasks for various area agencies as part of the 2022 United Way Project VISION Day of Caring, including yard work at Children's Place of Aiken. Front row (left to right): Drake Shaub, Shirley Radabaugh, Michele Wells, Karen Jenkins, Connie Yung, and Children's Place Executive Director Peggy Ford. Back row (left to right): Kevin Halliday, Erin Smith, Jim Anderson, Matt Moore, Ken Wells, Leland Chandler, and Aston Thompson.

Secretary of Energy Achievement Awards Honor SRS Employees

Submitted by Savannah River Nuclear Solutions

More than 100 Savannah River Site (SRS) federal and contractor employees, many of whom work in EM facilities, have been honored with Secretary of Energy Achievement Awards for accomplishments in 2019 in support of the Department's mission and the benefit of the nation.

"We are proud to announce that SRS employees are recognized as contributors to six of the Achievement Award-winning teams," Savannah River Site Manager Mike Budney said. "These exceptional employees deserve both our congratulations and our thanks."

The awards represent some of the highest internal, non-monetary recognitions that DOE employees and contractors can receive.

Two teams in particular involved numerous EM employees from SRS:

National Research Universal (NRU) and National Research Experimental (NRX) Highly Enriched Uranium Removal Team

An NNSA nonproliferation mission, the NRU/NRX highly enriched uranium campaign represented the largest removal of spent nuclear fuel from other nations to the U.S. EM workers supported the receipt and safe storage of the material in the L Area Disassembly Basin at SRS. Spent nuclear fuel is received and stored safely underwater in the basin.

The L Area Disassembly Basin began receiving highly enriched uranium from Chalk Rivers Laboratories in Canada starting in 2015. The effort involved 56 truck shipments from Canada covering more than 66,000 miles. The campaign was completed 12 months ahead of schedule.

"This campaign involved receiving a different type of fuel that was longer and heavier than what the current system was set up for," said Neil McIntosh, the L Area deputy facility manager for Savannah River Nuclear Solutions (SRNS), the management and operations contractor at SRS. "A lot of preparation and modifications to the facility had to be performed before we could start receipt."

Employees completed other activities to prepare for receipt of the spent nuclear fuel, including developing new procedures, training operators in a mock-up facility, and performing a readiness assessment.

"I thank the employees of L Basin for helping to make this campaign a success," NNSA U.S. Nuclear Material Removal Program Manager Jeff Galan said. "Their commitment to doing the work to ensure safe and timely receipts was essential to the program."

The Seattle Response and Recovery and Cs-137 Joint Investigation Teams

Fourteen EM employees at SRS were part of a large team recognized for the successful emergency response, recovery, stabilization, and investigation of a breached radioactive source event at the University of Washington's Research and Training Building.

EM employees involved in this work included members of the Radiological Assistance Program, employees skilled in the construction of radiological containment structures, and one technical consultant from Savannah River National Laboratory.

"Each of the employees recognized plays an invaluable role in helping to make the world safer," said Budney. "The recognition of these teams affirms our commitment to the safety and security of our nation."

In addition, employees from EM's Savannah River National Laboratory were recognized for their work on a project that supports a long-standing international collaboration, and a project that resulted in a risk matrix for the national laboratories.

Two other awards recognized SRS and SRNL employees for work in support of the nation's nuclear deterrent, and the Nuclear Security Enterprise.



Janice Lawson, Senior Vice president of EM Operations for Savannah River Nuclear Solutions, speaks to the Savannah River Site National Research Universal and National Research Experimental Highly Enriched Uranium Removal Team at a celebration at the end of the campaign.

Investing in the Future – Innovations in Nuclear Medicine

Submitted by Waséyabek Development Company

Waséyabek Development Company (WDC), the Tribally-owned economic development arm of the Nottawaseppi Huron Band of the Potawatomi (NHBP), marked a “first” recently when it became a significant investor in a healthcare startup specializing in nuclear medicine technology.

BAMF Health has developed an innovative cancer treatment process that is showing tremendous promise. The company uses a radiopharmaceutical approach that more directly targets cells and is less invasive than current methods. It uses 1/40th the amount of radiation than traditional detection methods, making it less strenuous for patients. The technology is already being utilized in Germany and patients from more than 40 countries have sought treatment.

“Our goal is to invest in companies that not only align with our values but also show a strong potential for innovation, growth and success,” said Deidra Mitchell, President and CEO of Waséyabek. “This technology shows great promise and we stand with BAMF as it strives to provide accessible and affordable treatment solutions to all.”

BAMF Health is based in Grand Rapids, Michigan. It launched a \$30 million Series B raise in 2021. After careful review, WDC announced a \$3 million commitment in Late October. This capital investment will greatly enhance BAMF’s ability to further develop the technology and make this life-saving treatment available around the globe.

“These treatments along with early detection can significantly improve outcomes for patients,” said Anthony Chang, Founder and CEO of BAMF Health. “We’re working towards smarter solutions, like same day diagnosis and treatment, while deploying advanced AI and other technology to deliver an affordable and accessible option for everyone that needs it.”

WDC is the parent company of Waséyabek Federal Services (WFS) and is certified as a U.S. Small Business Administration certified 8(a) company. WFS provides base operations and facilities support, maintenance services, staffing, infrastructure, and professional services for federal clients including the Department of Energy’s Savannah River Site, Fermi National Accelerator, and the National Energy Technology Laboratory.

WFS is also a proud member of CNTA.

To learn more about Waséyabek Federal Services (WFS) visit: <https://wfedservices.com/>

For information on BAMF Health visit: <https://www.bamfhealth.com/>



Deidra Mitchell, President and CEO of Waséyabek poses with Anthony Chang, Founder and CEO of BAMF Health



North Wind Focuses on Continued Safety, Excellence, and Growth

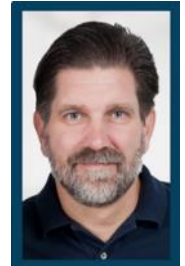
Submitted by North Wind Group

Safety Milestone

In December 2021, North Wind's Richland, WA office celebrated 500,000 safe hours worked at the Hanford Mission Infrastructure Support Project. Starting with contract transition in late-January 2021, the team onboarded roughly 330 new North Wind employees, trained them, and maintained safe and continuous operations. As they progressed through the year working on IT/Cyber, Records Management, and infrastructure projects, the team never wavered from their commitment to working safely. With zero OSHA recordables and zero lost-time incidents in 2021, the team is continuing the important work they do for Hanford in 2022, and yes, doing it safely.

AMC Groundbreaking Ceremony

In mid-April, North Wind participated in the Advanced Manufacturing Collaborative (AMC) Facility groundbreaking ceremony at the University of South Carolina Aiken Campus. Thomas Milos (pictured to right) is North Wind's Project Manager for the construction of the new building. The Facility will provide accessible, modern, and flexible laboratory space for EM's Savannah River National Laboratory and its collaboration partners.



North Wind is actively seeking talent to fill key positions all over the country, including Aiken, as the company has seen significant growth in the last several years. To view or apply for current career opportunities, visit: <https://northwindgrp.com/careers/>

New Contract Awards

- The Department of Energy (DOE) Office of Environmental Management (EM) awarded North Wind the Moab Remedial Action Contract (Moab RAC) for completion of EM's environmental remediation in Moab, Utah. *The single-award has an estimated contract ceiling of approximately \$614M over a 10-year period to perform all cleanup to site closure. DOE provided Notice to Proceed on March 1, 2022, which signaled the start of transition. Although the contract allowed 60 days, DOE challenged North Wind to complete transition within 30 days. By March 25, North Wind completed and submitted all transition deliverables, performed due-diligence walk-downs of all facilities and operations, reviewed and accepted all work-controlling documents, reconciled the project property and inventory lists, and transitioned the 110-person workforce to the new contract and its labor determinations.*
- DOE EM awarded the Portsmouth Infrastructure Support Services (ISS) contract in Piketon, Ohio. The contract is valued at over \$135M, spanning a 34-month base and a two-year option period. The transition was successfully completed in 45 days, 15 days ahead of schedule.

North Wind Subsidiary Receives DOE OSDBU Award

North Wind Portage, Inc., (a North Wind subsidiary company) received the 8(a)/Small Disadvantaged Business of the Year from DOE Office of Small and Disadvantaged Business Utilization (OSDBU) FY 2021 Annual Small Business Award Program. This award recognizes the outstanding performance of a Small Business Administration-certified 8(a) and/or Small Disadvantaged Business, for exceptional performance in activities contributing to core DOE mission accomplishments.

In FY 2021, North Wind's performance was exceptional at two DOE-EM cleanup projects at sites in Utah and California.

In Utah, North Wind implemented innovations resulting in the shipment of an additional 540 tons of Residual Radioactive Material (RRM) per week. In April 2021, the project achieved its largest weekly shipment to date of 21,092 tons and sustained similar production through the remainder of FY 2021. North Wind achieved a 9% production improvement, which will result in a 9-month acceleration to closure and a savings of more than \$40M.

In California, North Wind teamed with stakeholders to ensure demolition continued without work shutdowns after the demolition, schedule, and waste disposal approach was changed. Through this partnership, North Wind was able to submit and obtain approval of various plans in days as opposed to weeks. The team worked diligently and safely met the EM 2021 priority to complete demolition of all DOE-owned buildings at the site ahead of schedule.

Centerra-SRS Canine Teams excel at USPCA Region 2 Trials

Submitted by Centerra

The United States Police Canine Association Region 2 Detection and Tracking Trials were held on February 25-26, with a total of 29 Canine Teams participating, including 13 Explosive Detection and 16 Narcotics Detection Teams. The event was held on the Savannah River Site and designated areas in Aiken.

Centerra-SRS, the security contractor at the Site, was well represented at the trials, with all Canine Teams performing in an exceptional manner. Three Canine Teams scored the maximum 300 points in Explosive Detection, Bobby Darr and Whistle, Barry Watson and TJ, and Steven Cornforth with Bruno. The lowest score from a SRS Explosives Canine Team was 289.01 out of a possible 300, and the lowest score from a SRS Narcotics Canine Team was 194.33 out of a possible 200, all outstanding scores in these type events.

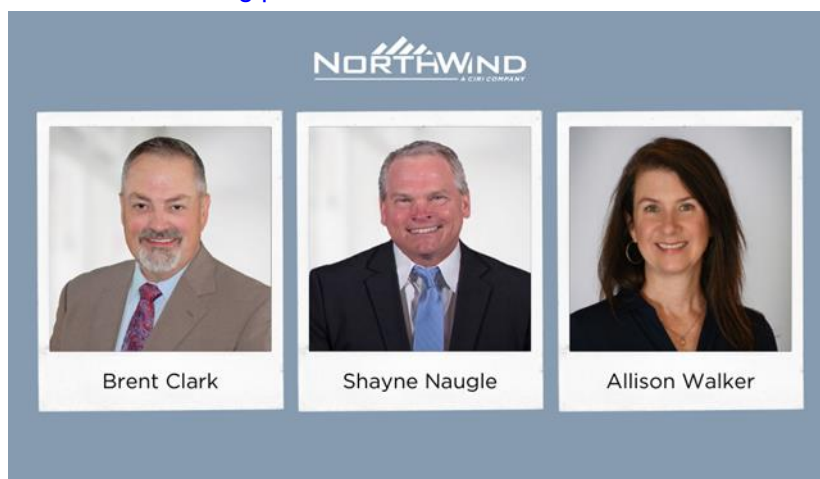
"All of our Canine Teams demonstrated performance excellence at the trials, said Canine Supervisor Norris Bunch. "They work hard every day to stay on top of their field, and it shows when we participate in these type events."

Centerra-SRS had three newly trained handlers, along with three newly purchased and trained dogs that earned their USPCA certification at the trials.



Leadership Changes at North Wind

- Brent Clark, PMP, MBA, was announced as the new North Wind Dynamics President. Clark, previously North Wind's Northeast Regional Director, has over 25 years of experience in the management and oversight of federal and commercial contracts and personnel.
- Shayne Naugle, PMP, MBA, has been promoted into the role of the Northeast Region Director and will continue to serve as the Northeast Regional Business Development Manager.
- Allison Walker, PMP, MBA, is the new Southeast Region Director, replacing Scott Hood, PMP, who retired at the beginning of March.
- For more information visit: www.northwindgrp.com



Keeping it moving: New X-ray at SRS next step to waste removal

Submitted by Savannah River Nuclear Solutions

AIKEN, S.C. (February 16, 2022) - With the recent installation of equipment at the Solid Waste Management Facility at the Savannah River Site (SRS), newly generated transuranic (TRU) waste can now be characterized and certified by the National TRU Program, paving the way for off-site shipment and disposal at the Waste Isolation Pilot Plant (WIPP).

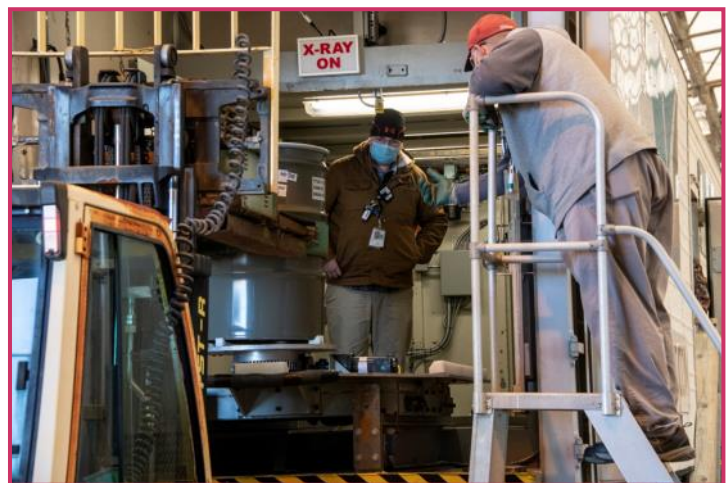
The equipment, a Real Time Radiography (RTR) unit, utilizes an x-ray system to allow the contents of waste containers (e.g., 55-gal drums or standard waste boxes) holding radioactive waste to go through a non-destructive examination (NDE).

WIPP has specific standards for the waste containers permitted for disposal in their underground repository. The NDE portion of characterization verifies and validates that the waste within each container matches the documentation provided by SRS and that it does not contain any WIPP prohibited items, without operators having to physically open the TRU waste container.

“The TRU waste we have shipped off-site in the past few years had already been characterized using equipment that was removed from the SWMF several years ago,” said Kerri Crawford, Solid Waste Programs Manager for Savannah River Nuclear Solutions (SRNS), the managing and operating contractor at SRS. “Operation of this equipment, in conjunction with other TRU waste characterization equipment installed at the Solid Waste Management Facility last year, will allow new TRU waste generated from SRS operations to be certified and ultimately shipped to WIPP.”

The term transuranic refers to elements with an atomic number greater than that of uranium (92). TRU wastes typically consist of protective clothing, tools, rags, equipment and miscellaneous items contaminated with small amounts of plutonium.

This equipment is owned by the Department of Energy’s Central Characterization Program for use throughout the DOE Complex. It was previously used by Lawrence Livermore National Laboratory, then sent for refurbishment before being provided to SRS for use in the Solid Waste Management Facility.



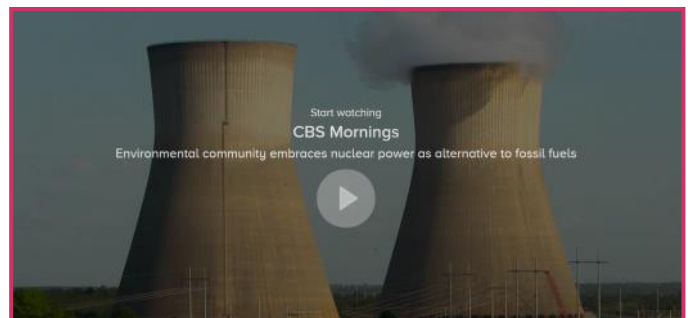
A transuranic waste drum is loaded into the RTR unit for characterization.

Environmental community embraces nuclear power as alternative to fossil fuels

Submitted by Georgia Power, Plant Vogtle

Plant Vogtle was recently featured in a CBS piece on nuclear energy and environmentalists embracing nuclear power. The link to the video is: https://www.cbs.com/shows/video/c5AxCTsxLH7_mAN_gD5v6PJFNEPjQxrU/

For more updates on what is happening at Plant Vogtle visit: <https://www.georgiapower.com/company/plant-vogtle/vogtle-news.html>



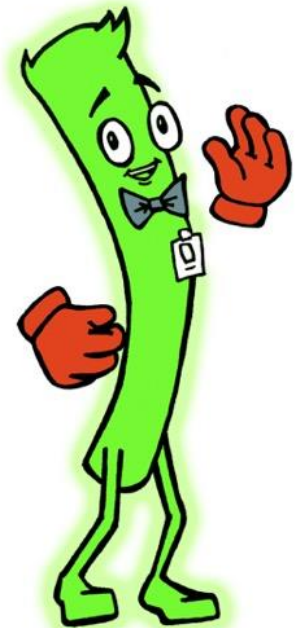
New Exhibits Coming to SRS Museum

Submitted by the Savannah River Site Museum

The SRS Museum has been developing the Defense, Deterrence, and Discovery exhibit to debut in October 2022. Visitors will learn about the legacy of Savannah River Plant operations, from the facility's ambitious construction to the future goals of the Savannah River Site. Generous sponsorship from the National Nuclear Security Administration (NNSA) has allowed the SRS Museum and SRS Heritage Foundation, in partnership with New South Associates, to create a project that features fun interactive components and educational activities for the entire community.

An updated Radiation Exhibit is also in development at the SRS Museum with the financial support and in collaboration with the Savannah River National Laboratory. This exhibit will include an interactive portion that demonstrates how radiological workers protect themselves from different forms of radiation. Visitors will also learn about everyday radioactive items, such as uranium glass and smoke detectors. The museum anticipates opening this exhibit in Summer 2022.

The SRS Museum has received the opportunity to work with Arcadia Publishing Co. on publishing an Images of America book. The book focuses on the early years of the Savannah River Plant and will be on sale at the museum in time for Christmas. This insightful book is the perfect gift for the retired or current nuclear worker in your life!



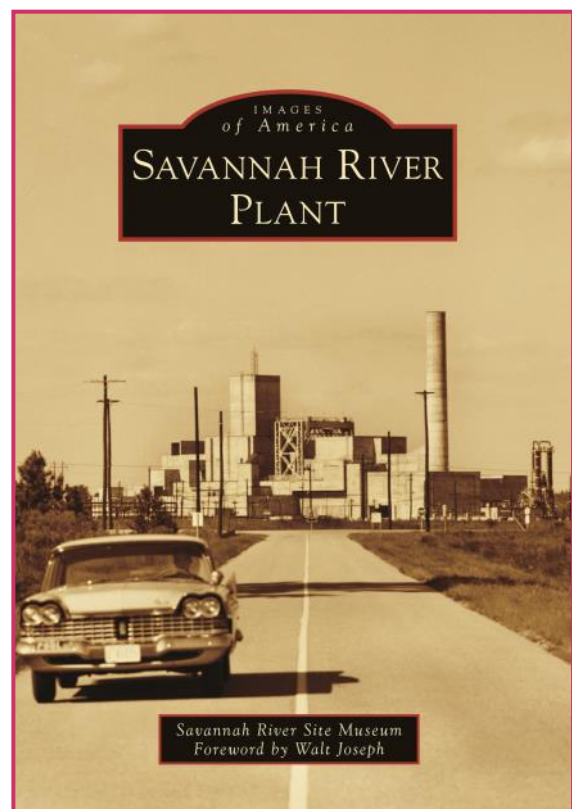
The museum is seeking volunteer docents passionate about the impact of SRS on Aiken's history.

Docents engage visitors, share background knowledge, and occasionally assist at events.

As the SRS Museum grows, so too does our team of dedicated volunteers.

Interested individuals may apply at the following link:

<https://www.srsheritagemuseum.org/contact>



First Major Equipment for Surplus Plutonium Disposition Expansion Received

Submitted by Savannah River Nuclear Solutions

AIKEN, S.C. (April 14, 2022) – Savannah River Nuclear Solutions' (SRNS) National Nuclear Security Administration (NNSA) capital projects have taken a big step forward with the delivery of the first long-lead materials for the Surplus Plutonium Disposition (SPD) Project. Project personnel procured large high efficiency particulate air (HEPA) filter housings as part of the project to expand the Savannah River Site's (SRS) capability to downblend surplus plutonium for removal from South Carolina.

SRS is currently using facilities in the Site's K Area Complex (KAC) to downblend these materials for disposal at the Waste Isolation Pilot Plant in New Mexico. The SPD Project, one of SRS' three NNSA capital projects currently underway, will add three additional gloveboxes in an existing KAC building and develop supporting facilities to expand the capacity for carrying out this mission.

"To accelerate completion of the SPD Project, NNSA approved a Tailoring Strategy that authorizes us to move forward with low-risk activities, like the procurement of certain long-lead items," said Gwenn Corriero, Project Manager (SPD Long Lead - Procurements). Long-lead items are materials that need to be purchased early in the project because they take a long time to obtain, or because they are needed before other construction activities, to reduce the risk of potential delays to the schedule. "Because of their size, these filter housing units need to be installed in the facility before we erect interior walls there," Corriero said.



Surplus Plutonium Disposition Project Procurement personnel examine the large HEPA filter housings after receipt in the Site's shipping and receiving facility. From left to right (background) Mary Hall, Edward Green, (foreground) Gwenn Corriero, Andy Johnston, Bart Meyer

The SPD Project has completed Phase I site preparation activities and is scheduled to begin additional site preparation activities later this year, with field construction to begin in 2023. In addition to the HEPA filter housings, the other long-lead equipment being procured includes the gloveboxes and a diesel generator; project personnel have awarded contracts for fabrication of these items.

The HEPA filter housing units are a safety significant part of the Active Confinement Ventilation System for the new processing areas. The filter housings, which were manufactured in North Carolina, arrived April 1.

Delivery of the units was the first major receipt of safety significant, procurement level I equipment for any of SRNS' three NNSA capital projects. In addition to the SPD Project, SRNS is converting an unfinished NNSA facility into the Savannah River Plutonium Processing Facility to produce plutonium pits for the nation's nuclear deterrent and building a new Tritium Finishing Facility to replace a Cold War-era facility used in the mission to supply the radioactive form of hydrogen used in the nation's nuclear defense.

Established by Congress in 2000, NNSA is a semi-autonomous agency within the U.S. Department of Energy responsible for enhancing national security through the military application of nuclear science. NNSA maintains and enhances the safety, security, and effectiveness of the U.S. nuclear weapons stockpile; works to reduce the global danger from weapons of mass destruction; provides the U.S. Navy with safe and militarily effective nuclear propulsion; and responds to nuclear and radiological emergencies in the U.S. and abroad.

Savannah River Nuclear Solutions, a Fluor Corporation-led company with Newport News Nuclear and Honeywell, is responsible for the management and operations of the Department of Energy's Savannah River Site, located near Aiken, South Carolina.

New Contractor at SRS

Submitted by Savannah River Mission Completion

The Department of Energy (DOE) Office of Environmental Management (EM) awarded Savannah River Mission Completion, LLC (SRMC) the Integrated Mission Completion Contract (IMCC) at the Savannah River Site.

The single-award Master Indefinite Delivery Indefinite Quantity (IDIQ) contract with an estimated contract ceiling of approximately \$21 billion over a 10-year ordering period will have Cost Reimbursement and Fixed Price Task Orders to define the contract performance.

The IMCC contract exemplifies DOE's commitment to continue supporting a highly skilled, diverse workforce that provides approximately 2,500 jobs that pay prevailing wages in safe and healthy workplaces. The contract ensures workers have the right to organize, join a union, and bargain collectively with their employers. Union-represented workers currently make up approximately 24 percent of the total workforce.

The scope of the SRS IMCC IDIQ procurement includes the following: Liquid Waste Stabilization and Disposition (including but not limited to: Bulk Waste Removal, Tank Farm Operations and Cesium Removal, Defense Waste Processing Facility Operations and Vitrification of High Level Waste, Glass Waste Storage Facility Modifications and Expansion, Salt Waste Processing Facility Operations, Saltstone Facility Operations and Construction of Saltstone Disposal Units, Waste Removal and Treatment (including Saltstone Facilities), Liquid Waste Tank and Associated Facilities Closure, Base Operations, Liquid Waste Program Support) and potentially Nuclear Materials Management and Stabilization. The contractor will perform these services under task orders issued off the Master IDIQ contract.

The procurement was competed as a full-and-open competition, and EM received four proposals. The Department determined the SRMC proposal provided the best value to the Government considering Key Personnel, Past Performance, Management Approach, and Cost and Fee to achieve measurable results toward completion of the DOE-EM mission at the SRS Site.

SRMC, LLC is a single purpose operating entity that includes the following members: BWXT Technical Services Group, Inc., Fluor Federal Services, Inc., and Amentum. SRMC's small business teaming subcontractors include WesWorks, LCC and DBD Inc.



CNTA COMMITTEE DESCRIPTIONS

Detailed information on ALL of our committees available at: <https://cntaware.org/committees/>

Communications Committee

The Communications Committee is responsible for ensuring accurate and timely information to the media, stakeholders, and the public and to reflect the goals and objectives of CNTA.

Education Committee

The goal of the Education Committee is to educate the public on the benefits, uses, and truths of nuclear technology. This is done through several initiatives: "Bringing Nuclear into the Classroom," Nuclear Blitz teach-ins, Lifelong Learning Academy teaching, and awarding the many scholarships and awards to students and teachers.

Young Professionals Committee

The purpose of the Young Professionals Committee is to recruit and engage young professional members by providing them with mentorship and professional development opportunities as well as raising money to make membership free for those under 40.

Thank You Business Members!

PLATINUM

**SAVANNAH RIVER MISSION COMPLETION
SAVANNAH RIVER NUCLEAR SOLUTIONS**



GOLD

**ARTHUR RICH
CENTERRA-SRS
FLUOR**



HUNTINGTON INGALLS INDUSTRIES

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ATKINS

BECHTEL

BWX TECHNOLOGIES INC.

NORTH WIND GROUP

ORANO

SOUTHERN NUCLEAR- PLANT

VOGTLE

BUSINESS

AVANTECH LLC

ECONOMIC DEVELOPMENT PARTNERSHIP

EDGEWATER ASSOCIATES

IONEX RESEARCH CORPORATION

MUNNS ADVISEMENT

SECURITY FEDERAL BANK

SRS COMMUNITY REUSE ORGANIZATION

WASEYABEK FEDERAL SERVICES

Thank you to our Members Plus Members!

Jeffrey Allender

Jason Armstrong

Sandra Devoe Bland

Kim Cauthen

Paul Cloessner

Alan Dobson

Eddie Estochen

David Fauth

Jack Goldenberg

Charles Hansen

Lyddie Hansen

Kenneth Hoffstetter

Jeff Leita

David Little

Chris Noah

James Oldani

Sharon Rickman

Wayne Rickman

Ed Sadowski

Mark Schmitz

Steve Sheetz

Robert Sindelar

Dale Sivils

Tammy Taylor

Craig Williamson

Clint Wolfe

Virginia Wolfe

Mission of CNTA

Citizens for Nuclear Technology Awareness, Inc., is an education and advocacy group promoting the safe and effective use of nuclear power, nuclear research and nuclear medicine.

We provide education, networking, and a voice of understanding from a technical perspective in a world often influenced by **inaccurate and unwarranted fear**.

CNTA membership encompasses individuals, families, and businesses who support the use of nuclear science and technology for many applications, including: energy, national security, nuclear medicine and diagnostics, and industrial applications.

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BUSINESS MEMBERSHIP OPTIONS

Platinum: \$10,000 or more

Gold: \$5,000—\$9,999

Silver: \$2,500—\$4,999

Bronze: \$1,000—\$2,4999

Business Member: \$500 to \$999

INDIVIDUAL MEMBERSHIP OPTIONS

Member Plus— \$250.00 or more

Benefactor—\$125.00

Patron—\$70.00

Sustaining—\$35.00

Young Professional — Free for 1 year

Membership Information is available online at:

<http://cntaware.org/join-us/>

All membership levels include invitations to breakfasts/dinners, other events, quarterly newsletters and opinion letters/editorials. Benefactor and Member Plus also receive one free private reception ticket and one free Teller Lecture banquet ticket when dues are current.

YOUR DUES SUPPORT PUBLIC OUTREACH

Federal ID# 57-0953103



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Visit Us At:
www.cntaware.org
Facebook: CNTAware



HOW YOU CAN HELP

CNTA as a charitable non-profit organization can ALWAYS use help.

Opportunities include:

- Donate Items for Raffles/Auctions
 - Donate to Our Community Gift Card Program!
 - Donate to CNTA as a charitable non-profit (<https://cntaware.org/about-us/>)
- Volunteer your time
 - Get involved with a CNTA Committee (*committee information on page 17*)
 - Help the CNTA Education Committee revamp our educational outreach
 - Help CNTA expand their reach on social media
 - Volunteer to help in our Office (there is always work to be done there!)
 - Be an event-specific volunteer
 - Be an education committee contest judge or outreach volunteer
- Sponsor a 2022 Event or Education Outreach!

For information email Allison at office@cntaware.org

CNTA CALENDAR OF EVENTS

- **May 6, 2022-** 20th Annual CNTA Charity Golf Tournament! Shotgun start at 8:30am. Held at Houndslake Country Club in Aiken SC.
- **May 12, 2022-** Up & Atom. Dr. Mark Peters, Executive Vice President for National Laboratory Management and Operations at Battelle. 7:30am at Houndslake Country Club in Aiken SC.
- **June 15, 2022-** Up & Atom. Stuart MacVean, President & CEO of Savannah River Nuclear Solutions LLC. Sponsored by SRNS. 7:30am at Newberry Hall in Aiken SC.
- **June 16, 2022-** Tap Into Nuclear "Night at the Ballpark." 7:05pm at SRP Park in North Augusta SC.
- **July 19, 2022-** Up & Atom featuring SRS Interns. 7:30am at Newberry Hall in Aiken SC.
- **August 17, 2022-** Up & Atom featuring Alan Carr, Los Alamos National Laboratory Historian, 7:30am at Newberry Hall in Aiken SC.
- **September 29, 2022-** Up & Atom sponsored by SRMC. 7:30am at Newberry Hall in Aiken SC.
- **October 15, 2022-** Oyster Roast & Low Country Boil. Details TBD
- **October 16-22, 2022- Nuclear Science Week Celebrated**
- **October 2022-** 31st Annual Teller Lecture. Details TBD