



Spring 2018

Points of Interest:

- Continuing Successes of the Education Committee
- Announcing our Essay and Video Contest Winners
- Growth of the Young Professionals Outreach
- Takeaways from the Strategic Plan
- CNTA's Advocacy and Public Outreach
- Published Letter to the Editor Re: Pu Pit Production
- Energy Secretary Breaks Ground on SRS Mega-Volume Waste Disposal Unit
- SREL's Beasley named Fred C. Davison Early Career Scholar
- Centerra donates \$75,000 to Silver Bluff High School
- BWXT Acquires Medical Isotope Business
- CNTA improvements to our online presence
- SRR Grant to Aiken Tech for Radiation Protection Technology Program
- **CNTA Calendar of Events**



Update from our Executive Director

CNTA has had a very busy start to 2018. As I write this note, we are actively planning the golf tournament on May 11. I am also commiserating about the state of my golf game and the number of balls I may rinse on the 8th hole on the Dogwood nine at Houndslake in the "Beat the Executive Director" contest! I look forward to seeing a lot of folks out there and hope that I may contribute at least a couple of good shots.

CNTA's focus so far this year has been on student awards and organization events. As you will see in this newsletter, we have awarded a scholarship to a deserving Aiken Technical College student, sponsored and judged the Future Cities Competition and conducted our annual high school essay and video contests.

We held our annual Member Mixer on March 27. I would like to thank all our members for attending and for your consistent support of our organization. I would like to again thank Bechtel for sponsoring the event. We have also held a couple of interesting Up and Atom breakfasts and a dinner event that were well attended.

You will also note that our young professionals are energized and becoming very involved in our organization. We now have 90 young professional members through the free membership initiative for those under 40! Look for more information on their activities and Annual Costume Ball fundraiser scheduled for October 12, 2018.

Please contact us if you have any concerns or ideas on what we can do to improve. Or feel free to drop by the office anytime to chat.

Jim Marra

Update from our Board of Directors

For over 25 years, CNTA has been a leader in educating the public on the benefits of nuclear technology and supporting efforts for expansion of nuclear applications. We recently completed a strategic plan that will help drive us to do even more going forward. You'll find evidence of the value CNTA provides to nuclear technology, the community, and our membership in the pages that follow.

To help CNTA become even stronger, I ask that you bring our good news story to the community. Be an advocate for CNTA. Let your employers, friends and neighbors know how involved we are, how we bring value to our members and nuclear technology, and how we make a difference in the community. I encourage you to glean a few nuggets from this newsletter as talking points.

Thanks in advance!

Mike Zustra, Chair of CNTA's Board of Directors

Education Committee Updates

Aiken Technical College Scholarship Awarded

In 2016, CNTA celebrated our 25th Anniversary. To commemorate the event, we established a scholarship at Aiken Technical College for a deserving student enrolled in one of the nuclear programs. Historically, CNTA awarded scholarships to high school students through an essay contest and for a student enrolled in a 4 year degree program. It was evident that we were missing an important element of the nuclear workforce with the omission of technical college students. The \$1000 scholarship is awarded to a deserving second year student enrolled in a nuclear program at Aiken Technical College. The faculty and staff at ATC identify the student to receive the award.

This year's winner is Christopher Bruce. Christopher is a student in the Radiation Protection Technology Program and will graduate in spring 2018. Christopher is from Johnston, SC.



Above: Columbia Middle School Winners
Right: CNTA judges ask questions to student presenters



Future Cities Competition

CNTA was a Platinum Sponsor of the 2018 Future City competition held at USCA on January 20. The Future City Competition challenges middle school students to design a city at least 100 years in the future and incorporate a solution to a citywide challenge.

This year's topic was "The Age-Friendly City." As a Platinum Sponsor, CNTA presented a special award for the best use of nuclear technology. The competition was fierce and the enthusiasm of the students was awesome! The winner of the CNTA special award was Columbia Middle School where the students incorporated a thorium reactor powered bus into their city.

Essay & Video Contests

The **12th Annual CNTA High School Essay Scholarship** received 15 essays from nine different schools. The students were tasked with writing a 1000 – 1500 word essay on one of three topics.

This year, **CNTA is awarding three scholarships** to:

- **Alexander Bates** from Lakeside High School - essay entitled "Reliability of Nuclear Energy"
- **Caleb Kerr** from South Aiken High School - essay entitled "The Best of World Energy"
- **Ankita Shah** from Evans High School - essay entitled "The World Food Supply of Tomorrow"

Each winner receives a \$1000 scholarship and their school will be awarded \$500. Contest winners will be recognized at their student awards ceremony and at the annual Edward Teller Lecture/Banquet held in late 2018.

This year, **CNTA held its 2nd Annual Video Contest**. Middle and high school students were challenged to increase their awareness and knowledge of nuclear technology by creating a video that "debunks" a nuclear myth. The goal of the contest is for the students to integrate science, technology, social understanding and language arts to create a two to five minute video. All participants in the video contest will receive a free CNTA tee-shirt.

The winner of the 2018 CNTA Video Contest is:

"The Wrong Perspective: Nuclear Energy", submitted by Stallings Island Middle School. The team of two students will be recognized at the school's student awards ceremony and will be awarded a Go-Pro Camera for their school. Their video can be found at: https://youtu.be/xli_6fZ_uzQ

Young Professionals Committee Updates

Kickoff Event For Free Membership

CNTA and the young professionals committee hosted an information session January 18 at Aiken Brewing Company. The event kicked off the free membership drive for all interested persons under 40. Attendees at the meeting learned about CNTA's mission to educate the public by providing objective information on the value of nuclear technology with respect to our health, economy, environment, and national security. The gathering generated a lot of interest in CNTA and over 30 young professionals joined CNTA at the event.

Committee Founding/Organization

In the Fall of 2016, CNTA invited a group of young professionals to come up with a new fundraiser that would attract a younger crowd. Their efforts led to the inaugural Costume Ball in 2017, which raised \$10,000. The success of the event made it possible for CNTA to eliminate membership dues for young professionals under 40 in 2018. As a result, CNTA has increased its young professional membership from 20 members to 90.

There is now young professional representation on all of CNTA's committees and subcommittees. To further engage its new members, the Young Professionals Committee is hosting an event series called "Tap Into Nuclear", which aims to tap into the experience of CNTA's accomplished members to provide professional development opportunities. At the first Tap Into Nuclear event in March, technical versus managerial career paths were discussed and over 30 young professionals attended.

The Young Professionals Committee is also in the process of planning the Second Annual Costume Ball. It will be held October 12, 2018 at the Aiken Center for the Arts.



The initial young professionals committee and volunteers at their inaugural event– the 2017 Costume Ball.

Tap Into Nuclear Inaugural Event

"Tap Into Nuclear was created to engage young professionals and capitalize on the experience of CNTA's accomplished members by hosting a series of professional development sessions," said Sunny Lunka, CNTA Young Professionals Chair. "CNTA is a great organization and we are looking to get more young professionals involved in their community and encourage them to be advocates for nuclear technology."

Over 30 people came to the event, which focused on "Deciding Between a Technical or Management Career Path." Panelists included CNTA Director Jim Marra, retired Vice President of Parsons Corporation and CNTA Board of Director member Charlie Hansen and Savannah River Nuclear Solutions Deputy Director of Environmental Stewardship and Safety and Health Mary Flora.

Tap Into Nuclear events will be held every other month on the fourth Thursday. Admission is free and is open to CNTA members and non-members alike.

CNTA members Charlie Hansen, Jim Marra, and Mary Flora answer questions from young professionals



"My friends who came enjoyed it and the wealth of knowledge and experience gave some insight that was really beneficial.

The advice and life experience to help us make the decisions based on who we are I think helped a lot of people. I look forward to the upcoming events."

-CNTA Member Trey Black

Members' Mixer 2018/ Membership Appreciation Night

By: Lindsey MonBarren (CNTA Communications Committee)

Citizens for Nuclear Technology Awareness (CNTA) recently held a membership appreciation night and annual meeting at Newberry Hall in Aiken. Sponsored by Bechtel, the event highlighted the exciting progress the non-profit organization made in 2017 and provided members with an idea of the future.



Highlights of the CNTA's 2017 accomplishments included:

- 1,500 Aiken County High School Chemistry students introduced to nuclear technologies through a Nuclear Blitz
- 18 Educators received intensive instruction through the three-day Summer Nuclear Institute
- 3 Guest Columns and 5 Letters to the Editor Published to help educate the community on nuclear technologies and issues facing the nuclear industry
- Sponsored or administered \$12,000 in scholarships in college and high school



"We have also made great strides in reaching young professionals," Executive Director Jim Marra said. "Thanks in large part to our Young Professional Committee Chair, Sunny Lunka, the Young Professional Committee held an inaugural Halloween Costume Ball, and the proceeds from that event funded free CNTA memberships for young professionals under 40. Largely due to that event, we have increased our young professional membership to 83 versus 20 the previous year."

Plans for CNTA in 2018 include revitalizing social media accounts, continuing to hold events geared toward young professionals, increasing scholarship and community giving, and continuing to grow its membership.

"Through all the growth and change we will keep our mission in the forefront: to promote and defend the safe and effective uses of nuclear power, nuclear research and nuclear medicine," Marra said. "We are the credible source of information on nuclear related topics and technologies, and are here to help our community understand its benefits."



"In 2017, CNTA continued to provide an objective voice on all things nuclear through our educational outreach programs, guest columns and editorial letters, presentations to citizens groups, and breakfast and dinner events," (Jim Marra)

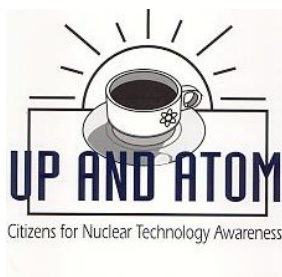


Event Speakers



Up & Atom— March 6, 2018— Dr. Jim Beasley, University of Georgia's Savannah River Ecology Lab & the Warnell School of Forestry and Natural Resources.

Presentation was on "Radioactive Wildlife: the secret life of wildlife inhabiting Chernobyl & Fukushima"



Wednesday, January 10, 2018 6:00 PM
Newberry Hall, Aiken, South Carolina

American Nuclear Society and
Citizens for Nuclear Technology Awareness
Jointly Host a "Meet-Greet-Network" Event &
Technical Presentation

**"Nuclear Power Looking Forward:
The Opportunity and the Implications"**
Bob Coward, President,
American Nuclear Society, 2017-2018



Up & Atom- January 24, 2018— Rick Reichel, the Director of Global and Homeland Security Programs at the Savannah River National Laboratory

Presentation was on "SRNL's Role
In Homeland Security"

Strategic Planning for CNTA

In January, several CNTA board members and volunteers participated in two strategic planning sessions. Lyddie Hansen did an outstanding job facilitating the meeting and providing a useful report. Thank you Lyddie!

The participants reviewed CNTA's committees and their activities to assess the state of the organization and to determine what actions should be taken to move the organization forward. Collectively, the participants identified several "high priority projects" that CNTA should pursue over the next year or two to better serve our members and our mission. Several other items were identified for future consideration. On a routine basis, the "project owners" will provide an update on progress to the CNTA board.

The high priority projects are as follows. You will note that some of the projects are already well underway.

Young Professional Engagement and Retention – Conduct series of after work sessions to discuss professional development topics and state of the nuclear industry. Status: "Tap into Nuclear" events are planned to be held about 6 times per year.

Social Media and Website Update – Enhance existing CNTA website and Facebook page to be attractive and increase sources of nuclear information to increase outreach opportunities. Status: A USCA Communications student intern has been hired to work over the summer to improve our social media presence.

Update/Reorganize/Refocus Education Outreach Programs – Increase knowledge and awareness of nuclear technologies to educators, students and the public to promote nuclear careers and nuclear missions of the CSRA. Status: Education Committee is reviewing and updating the SSNI and Teacher workshop presentations to be more comprehensive and impactful.

Growing CNTA Individual Membership – Take steps to increase membership rolls by enhancing membership benefits, communications and opportunities to volunteer. Status: Free young professional memberships have resulted in more than 70 new members. Other member benefits being evaluated.

CNTA Sustainability – Increase financial stability gained through donor engagement. Status: Developed a "scorecard" for past year activities. Personal engagement with company sponsors is planned to better serve their needs.



CNTA Board Members Rick Sprague, Wayne Rickman, Daren Timmons & Forest Mahan strategize with Education Committee Chair Marissa Reigel

Walt Joseph Awarded Aiken Chamber of Commerce's Man of the Year Award

Walt Joseph, longtime CNTA member and Executive Director of the Savannah River Site Foundation (an offshoot of CNTA), was awarded the Man of the Year by the Aiken Chamber of Commerce after a nomination by CNTA. Here is their introduction speech given the night of his award (courtesy of the Aiken Chamber of Commerce):

"Our Man of the Year can best be described as intelligent, tenacious and full of energy. He has an easygoing style, jovial disposition and a distinct chuckle. He is a filmmaker, trail blazer and even a quote "Barber" to some.

Like many of the 1000s of scientists and engineers that came to the Savannah River Site in the early 50's, he never intended to stay, but did. Due to the absolute secrecy required at the site, his ever-supportive wife knew where he worked, but not what he did there, and his small son thought he was a barber.

He was living the Big Bang Theory long before we were all watching the popular TV series. Our Man of the Year was in a race – a race to solve the unknown and beat the Russians to it.

He and the other experts at the plant were tasked with winning the Cold War and preventing World War 3 on the scientific battlefield. They were armed with only their brains, a laboratory and a slide rule. It was a frightening battle for the United States and for those tasked with making the weapons to protect it. Keeping a technological edge was a key factor to the eventual end of the Cold War.

Our community and the world were forever impacted by the Cold War, and the work of the team at the Savannah River Site and our Man of the Year were an integral part of that impact.



Walt Joseph and Family after receiving the Aiken Chamber's Award



From left-- Aiken Chamber President David Jameson, SRS Heritage Foundation Chair Walt Joseph, Immediate Past Chair of the Aiken Chamber Charlie Hartz, & current Aiken Chamber Chair Joshua Stewart.

Fast forward a decade or so and the story of the Savannah River Site, or at least what can be shared, is no longer a secret. But every story needs an author. Our Man of the Year is that author.

Aiken is a richer place thanks to his vision, energy and drive to preserve and commemorate the history of the Savannah River Site and its workers.

The SRS Museum, a life-long dream, has opened to share the story with the world. It will be a part of the ever-growing Heritage Tourism industry that's dollars are so important to area businesses.

Ladies and Gentlemen, the executive director of the Savannah River Site Foundation and our Man of the Year is Walt Joseph."

Advocacy Activities

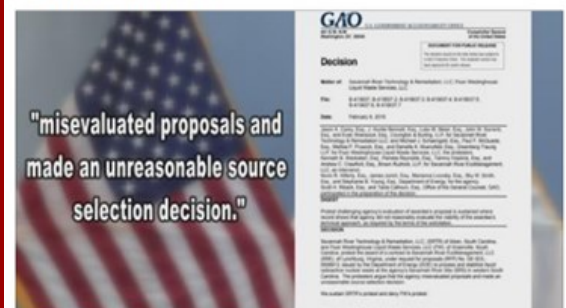
- Continued our advocacy work through participation at several public meetings, interviews and publication of editorial pieces in newspapers.
- Interviewed on status of Liquid Waste Contract by WJBF, ran online and on local TV.
- Provided support for the potential Pit Production mission at SRS.
- CNTA past board chair Chuck Munns, published an editorial in **the State** providing support for the Pit Mission
- Jim Marra also spoke at two National Academy of Sciences public meetings providing information on our organization and our support of nuclear activities in the region.
- Had the opportunity to meet Secretary of Energy Rick Perry and provided him an overview of our organization and our outreach activities.



Citizens for Nuclear Technology Awareness (CNTA)

Published by Allison Hamilton [?] · March 10 at 11:53am · [?]

Interview with CNTA's Executive Director about the status of the liquid waste mission at SRS. Great overview for those who don't know/don't understand what the current situation is.



Government agency upholds protest for Liquid Waste Mission at Savannah River Site

The Government Accountability Office is backing AECOM's fight for the Liquid Waste contract at Savannah River Site.

WJBF.COM

New Mission for SRS will help protect the nation

By: Chuck Munns (and the CNTA Communications Committee)

PUBLISHED IN THE STATE

LETTER TO THE STATE EDITORIAL BOARD

February 12, 2018 01:56 PM

Updated February 12, 2018 02:56 PM

COLUMBIA, SC

Aiken City, North Augusta City and Aiken County councils approved resolutions supporting pit production at the Savannah River Site because it is uniquely qualified and well-suited for this mission. The mission is vital to our national security, and will provide significant positive impact on the local economy.

Our national defense relies on a nuclear deterrent, but our nuclear weapons systems, while powerful, credible and long lived, still must be serviced or replaced.

Part of that modernization will include the manufacture of a sizable number of plutonium pits. Plutonium pits have not been produced in the United States since 2011.

Our region's nuclear and environmental workforce can safely and effectively do this job. For more than 60 years, starting with DuPont, SRS contractors have set the global standard for nuclear safety and security.

They have conducted large-scale nuclear manufacturing operations in a safe, secure and environmentally responsible manner. The SRS security personnel routinely receive outstanding grades from the Department of Energy.

Further, the Savannah River National Laboratory has core competency in actinide chemistry and a long history of directly supporting plutonium operations. SRS has the geography, infrastructure, facilities, proven processes, skilled workforce and nuclear culture to safely conduct this mission.

It is appropriate to consider the disposition path for nuclear material coming into South Carolina and any residuals remaining. In the pit production mission, the product will be going back out of the state for the intended defense purpose. Any incidental waste from pit production has an established disposition path for disposal at the waste isolation pilot plant in New Mexico. There will be no new high-level waste generated.

The pit production mission is expected to bring 800 high paying, skilled jobs, including managers, engineers, operators and health-protection personnel. These will be enduring jobs supporting an enduring mission. We welcome the opportunity for SRS to be considered for the production of plutonium pits. The region and nation will benefit from this vitally important, long-term mission.



Energy Secretary Breaks Ground on SRS Mega-Volume Waste Disposal Unit Provided by Savannah River Remediation

U.S. Department of Energy (DOE) Secretary Rick Perry and officials at the Savannah River Site (SRS) broke ground on the second 32 million-gallon liquid waste disposal unit in February during his first visit to the site.

“We are pleased that Secretary Perry could be here to commemorate this occasion with us today,” said DOE-Savannah River Manager Jack Craig. “The SDUs are an important part of our cleanup mission and underscore the Department of Energy’s continued commitment to furthering progress on the closure of the high-level waste tanks at SRS.”

Saltstone Disposal Units (SDU) are permanent disposal units for low-activity waste grout produced from solidification of decontaminated non-hazardous salt waste at SRS. SDU 7 is the second of seven mega units planned to store the remaining tank waste. DOE’s Office of Environmental Management approved the concept of replicating the mega-volume design for all remaining SDUs at SRS.



Secretary of Energy Rick Perry shakes hands with Craig Carlisle, SDU 7 Project Manager, at the SDU 7 groundbreaking.



Secretary of Energy Rick Perry signs a groundbreaking shovel with Shayne Farrell, SDU 7 Federal Project Director.

Savannah River Remediation President and Project Manager Tom Foster highlighted the approval to begin SDU 7 site preparation which came just three months after SRR completed construction on SDU 6. SDU 6 was completed 16 months ahead of schedule and \$25 million under budget last year. The project was recognized for its success as the 2017 DOE-EM Project of the Year.

“The template created by the liquid waste team from safely completing Saltstone Disposal Unit 6 will continue as we begin construction on Saltstone Disposal Unit 7,” Foster said.

Since site preparation activities began in October 2017, SRR has removed structures and is rerouting above and below ground utilities located within the SDU 7 footprint. This will position the project to begin excavation of over 170,000 cubic yards of soil for placement of the structural base slab.

The mega-volume SDUs are more than 10 times larger than the smaller units on site and will accommodate the larger stream of decontaminated salt solution from the Salt Waste Processing Facility when operational.

The seven larger units will result in more than \$500 million in cost savings over the life of the low-level saltstone waste storage program because it requires less infrastructure and materials to design and build the larger SDUs. SRS would have needed 80 of the smaller SDUs.



Secretary of Energy Rick Perry (center) breaks ground at the site where Saltstone Disposal Unit (SDU) 7 will stand. From left: Craig Carlisle, SDU 7 Project Manager; Tom Foster, SRR President and Project Manager; Perry; Jack Craig, DOE-SR Manager; and Shayne Farrell, SDU 7 Federal Project Director. In the background is SDU 6, which was completed last year.

UGA Names SREL's Beasley Fred C. Davison Early Career Scholar Provided by Savannah River Ecology Laboratory

James C. Beasley, assistant professor at the University of Georgia's Savannah River Ecology Laboratory and Warnell School of Forestry and Natural Resources, has been named the 2018 recipient of UGA's Fred C. Davison Early Career Scholar Award.

Named in honor of UGA's 18th president, the award is given annually to an early career faculty member to recognize outstanding accomplishment and evidence for future success in scholarship, creative work or scientific research.

Beasley is known internationally for his expertise in wildlife ecology, including research in the Chernobyl Exclusion Zone that documented abundant populations of wildlife in areas unsafe for human habitation.

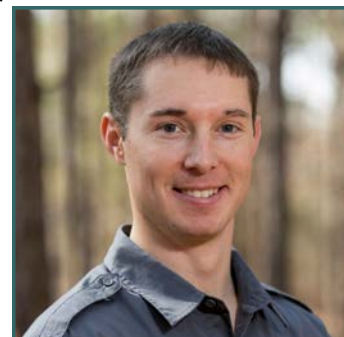
He has received more than \$2.6 million in research grants and contracts from various organizations.

To date, Beasley has published more than 85 scientific articles and book chapters. A significant number of his publications are in international research journals. He is also a co-author of the recently published book, "Ecology and Management of Terrestrial Invasive Species in the United States."

Beasley serves as the wildlife adviser for the International Atomic Energy Agency to the prefecture government in Fukushima, Japan in response to the 2011 tsunami and nuclear accident.

He is known for using innovative field techniques in his research to investigate the behavior and management of mammal populations, particularly in human-altered landscapes. He also has vast experience investigating invasive species, such as wild pigs and coyotes, to resolve human-wildlife conflicts.

Beasley received his master's and doctoral degrees in wildlife ecology from Purdue University and his bachelor's degree from the State University of New York College of Environmental Science and Forestry. He has been with SREL for six years.



Dr. James C. Beasley
Photo by: Andrew Davis Tucker,
UGA Staff Photographer

CNTA Volunteers Participate in Aiken Earth Day



Members of CNTA participated in Aiken's Earth Day celebrations.

From comic books and trivia (for candy), to facts about clean energy and nuclear technology— we had something for everyone.

CNTA's activities in the community would not be possible without dedicated volunteers. To all our volunteers across all our events, we say THANK YOU!

Pictured: Executive Director Jim Marra, and young professionals Juan Rios and Trey Black talk about the importance of nuclear energy to members of the South Aiken Cheer Team.

Centerra donates \$75,000 for math and science initiative at Silver Bluff High School Provided by Centerra

Centerra, the security contractor at the Savannah River Site since 1983, recently donated \$75,000 to Silver Bluff High School to support a three-year grant for the National Math and Science Initiative, or NMSI, program. The program is designed to broaden access and achievement in rigorous advanced placement coursework for students, and thus help prepare them for post-secondary success. It raises the academic bar in high schools nationwide and expands access to advanced placement studies so that all students are equipped with the knowledge and skills they need to succeed after graduation.

Mark Bolton, the Centerra-SRS Senior Vice President and General Manager, presented a check for the donation to Silver Bluff High Principal Bert Postell during the school's annual "State of the Bluff" address at a meeting of the Parent Teacher Student Organization.

"It's a gift to the school, but it's also a connection to the community," Postell said. "This is a great program that has the potential to transform a school and Centerra's gift will help our students tremendously."

Bolton said supporting the community is important to Centerra and the Company is especially proud to help fund this important program for students and teachers.

"We've been the SRS security contractor for 35 years, and community support is very important to all of us," he said. "I can think of no better way to demonstrate our support than to help students at a high school that's just a few miles from the Site."

Through its College Readiness Program, the NMSI program will help prepare Silver Bluff students for success in college by increasing rigor in honors-level coursework; increasing access to honors-level coursework for under-represented student populations; increasing access to Advance Placement coursework; and increasing success on AP exams.

The program can also help financially as high school students who score a 3 or higher on AP exams earn college credit while in high school. As a result, the students will save money by not having to take those courses in college.

The program provides Saturday study sessions for students, mock exams, extra professional development for teachers and monetary rewards for students and teachers.

NMSI also "removes all barriers to student success, including costly exam fees and access to the latest lab equipment, graphic calculators and other classroom materials needed to support high-level courses, and simply makes taking the AP challenge more desirable for all students at all ability levels," according to a news release from Aiken County Public Schools.

Levi Green, chairman of the Aiken County School Board, called Centerra's gift "huge" for the Silver Bluff community and Aiken County.

"We've been waiting and hoping and praying that someone would sign on to help Silver Bluff High with its thematic focus as an Academy of Technology, Engineering and Arts, and Centerra came through," Green said. "We're so thrilled that a company that is just out the school's back door at the Savannah River Site stepped up and sponsored us."



Mark Bolton (center), the Senior Vice President and General Manager for Centerra at SRS, presents a \$75,000 check to support the National Math and Science Initiative at Silver Bluff High School to Tray Traxler (left), the Chief Financial Officer for Aiken County Schools, and Bert Postell, the principal at Silver Bluff.

BWXT Announces Strategic Acquisition of Sotera Health's Nordion Medical Isotope Business

Provided by BWX-Technologies

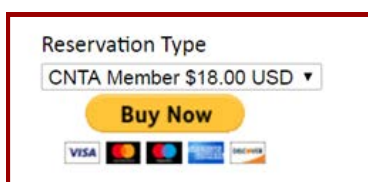
BWX Technologies, Inc. (BWXT) recently announced that it has signed a definitive agreement to acquire Sotera Health's Nordion medical isotope business.

The acquisition accelerates and de-risks BWXT's entry into the medical radioisotope market by adding licensed infrastructure, approximately 150 highly trained and experienced personnel, and two production centers to BWXT.

"Today's announcement demonstrates our ability to leverage BWXT's traditional and unique competencies in radiochemical processing to expand into an exciting market with high growth potential," said Rex D. Geveden, BWXT's President and Chief Executive Officer. "BWXT has previously announced plans to enter the medical radioisotope market with a new, innovative technology, and this acquisition is a foundational step in that direction. We look forward to completing the acquisition process and welcoming the employees of Nordion to the BWXT team."

Subject to required Canadian and U.S. regulatory reviews and approvals, the acquisition of Sotera Health's Nordion medical radioisotope business is expected to close by the end of 2018.

Nordion's medical radioisotopes business is a leading global manufacturer and supplier of critical medical isotopes and radiopharmaceuticals for research, diagnostic and therapeutic uses. Its customers include radiopharmaceutical companies, hospitals and radiopharmacies. Its primary operations are located in Kanata, Ontario and Vancouver, British Columbia.



CNTA in the 21st Century

Starting in February, CNTA joined the world of online payments by accepting credit cards online (Via PayPal) for reservations to our Up & Atom breakfast events. Soon after we started accepting payment online for membership renewals. Since being introduced we have collected over \$4,500 online and almost 100 people have used this new avenue for contributing to CNTA. We are now also recognized as a Charitable Organization by PayPal, which allows individuals to donate any amount online and receive an immediate tax-deductible donation receipt. These are just the start of an overhaul of our online presence, which includes our website and Facebook page.

Since January, our website has seen a month over month increase of approximately 2,000 visits, and our Facebook page is reaching hundreds of people in the CSRA and around the world. While overall use of the website is down from previous years, we are confident the information we seek to disseminate is available and being utilized. Over the summer and into the fall our goal is to modernize (and hopefully increase the mobile friendliness of) the website for easier access to the vast amount of information available on it. If you have suggestions on improvements to our website, social media presence, or online payment system, we welcome your input.

Aiken Technical College Receives Grant from Savannah River Remediation for Radiation Protection Technology Program Provided by Aiken Technical College

Aiken Technical College's (ATC) radiation protection technology students have new equipment to prepare them for the workforce thanks to a \$5,000 grant from Savannah River Remediation (SRR).

Through the grant, the College purchased a stretch scope, video camera and tripod, a glove bag, and a replacement radioactive needle source.

"The equipment for this program is so expensive that every bit helps significantly," said Dr. Raghunath Kanakala, dean of technical education at ATC.

The stretch scope provides opportunities to teach students how to reach hard to access areas as well as how to maintain safe distances when conducting gamma surveys.



Savannah River Remediation recently awarded Aiken Technical College (ATC) a \$5,000 grant for its radiation protection technology program. The grant was used to purchase needed equipment to prepare students for the workforce. Pictured (from left) are: Mary Commons, ATC Foundation Director; Dr. Forest E. Mahan, ATC President; Tom Foster, SRR President and Project Manager; Javed Shah, ATC Nuclear, Physics and Sciences Department Chair; Dr. Raghunath Kanakala, ATC Dean of Technical Education.

"Even though we do not have high radiation areas, we teach the students how to use the equipment in such areas and how to reach areas that are otherwise difficult to access," he said.

The glove bag allows students to contain items in a small workspace and use the attached gloves to work on the item in a safe space, said Dr. Kanakala.

The video camera will be used to record students completing various surveys. Instructors will then use the recordings to help students improve their techniques and ensure proper procedures are followed consistently.

The College has had a long-standing partnership with SRR, the liquid waste contractor at Savannah River Site. SRR is one of the major employers of ATC's radiation protection technology graduates.

Currently, more than 70 students are enrolled in certificate or associate degree programs related to radiation protection technology.

Tom Foster, SRR President and Project Manager, said SRR supports Aiken Technical College because of the institution's history of providing the community with a pipeline of graduates ready to work.

"Savannah River Remediation is fortunate to have access to students who graduate from Aiken Technical College," said Foster. "We look forward to a continued partnership, which is of significant benefit to both of us."

Educators!

Connect your students to a
S.T.E.M career in Nuclear
Technology and earn credit!

Join us at the **Southeastern Summer Nuclear Institute**: a 3-day series of workshops designed to promote nuclear education and workforce development in the Southeast.

- Tour plant Vogtle and the Savannah River Site.
- Hear from experts in the nuclear field.
- Learn about nuclear science, technology, and career opportunities.
- Receive certificate for continuing education credit!



Date: June 26-28

Location: USC Aiken

- \$50 Registration fee reimbursed by \$50 in gift cards.
- Registration includes: accommodation, meals, tour-site transportation, and resources/educational materials.

Registration Deadline: May 26th, 2018

To register:

goo.gl/AeoPEu



To learn more:

goo.gl/XpT2p2



Questions? E-mail us at: CNTA@bellsouth.net

Thank You Business Members!

PLATINUM

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SAVANNAH RIVER NUCLEAR SOLUTIONS
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FRANK JORDAN
BOB SINDELAR

Thank You!

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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MEMBERSHIP INFORMATION

BUSINESS MEMBERSHIP OPTIONS

Platinum: \$10,000 or more

Gold: \$5,000—\$9,999

Silver: \$2,500—\$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 forms available online at:

http://c-n-t-a.com/memmain_files/memform18.pdf

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.C-N-T-A.com

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HOW YOU CAN HELP

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

Opportunities include:

- Donate Items for Raffles/Auctions (Raffle in the spring, Auction in the fall)
- Volunteer your time at the Golf Tournament (or other upcoming events!)
- Get involved with a CNTA Committee (Information available online)
- Volunteer to help in our Office
- Consider Sponsoring an Upcoming Event (SSNI, Costume Ball, and the Teller Lecture and Banquet always need support!)

For information on any of these please email Allison at cnta@bellsouth.net

CNTA CALENDAR OF EVENTS

May 3rd – Up & Atom Sponsored by SRNS/SRNL. Speakers to include the new Lab Director and Young Professionals. 7:30am at Newberry Hall in Aiken.

May 7th- CNTA participating in Celebrity Waiter Night. Trio Restaurant starting at 6pm.

May 11th- CNTA GOLF TOURNAMENT! 16th annual golf tournament at Houndslake. Registration at 7:30, Shotgun start at 8:30am.

May 24th – Tap into Nuclear- professional development event hosted by the Young Professionals committee at Aiken Brew Pub from 5:30-7pm. Topic “Generational Diversity in the Workplace”.

June 13th- Up & Atom- Speaker will discuss BWXT’s NASA Mars project. 7:30am at Newberry Hall in Aiken.

June 26-28th- SSNI (Southeastern Summer Nuclear Institute)- 3-day intensive workshop for teachers and guidance counselors introducing them to the nuclear field and job opportunities for their students. Qualifies for Continuing Education Credit!

July 25th- Up & Atom- SRR Summer Interns. 7:30am at Newberry Hall in Aiken.

July 26th – Tap into Nuclear- professional development event hosted by the Young Professionals committee at Aiken Brew Pub from 5:30-7pm. Topic TBA.

September 27th – Tap into Nuclear- professional development event hosted by the Young Professionals committee at Aiken Brew Pub from 5:30-7pm. Topic TBA.

October 12th- 2nd Annual Costume Ball- Aiken Center for the Arts. Details TBA.

October 18th- Annual Teller Lecture & Banquet- USCA Convocation Center. Details TBA.

JOIN CNTA AND HAVE THE CALENDAR OF EVENTS EMAILED TO YOU!!