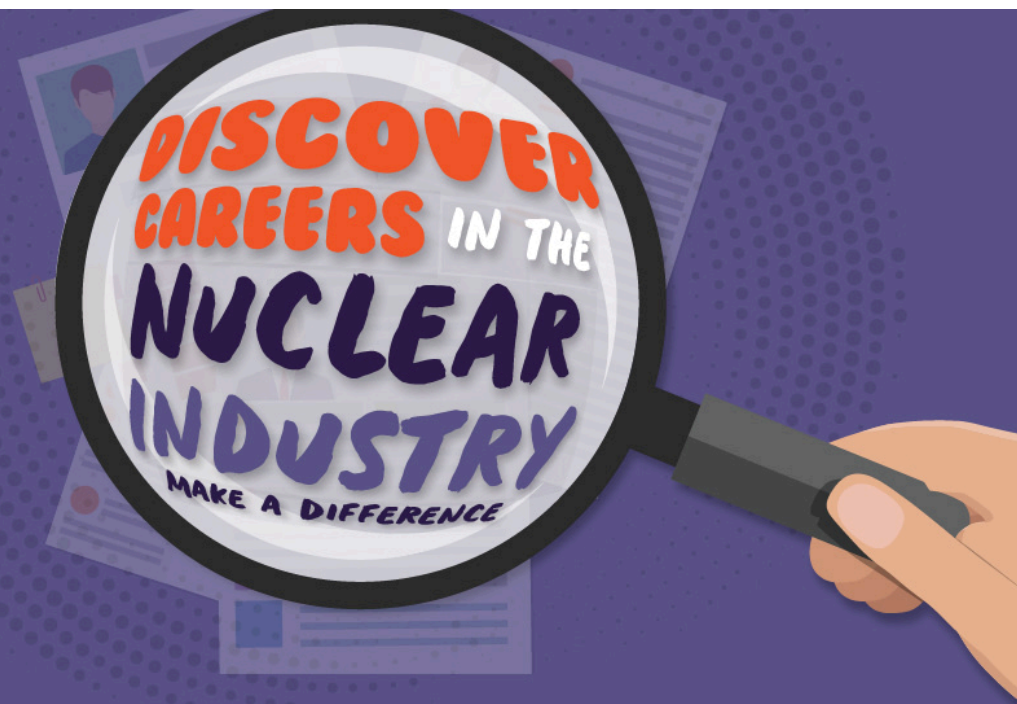


CELEBRATING THE WEEK OF

NUCLEAR SCIENCE

OCTOBER 15 - 19, 2018



Education Days
Information



STEM Career
Connections®



Site Visit Days



Annual Edward
Teller Lecture &
Banquet



Other Activities



Educator
Activities
Throughout the
Year



Community
Activities
Throughout the
Year



Local High-Tech
Training
Opportunities

Come Explore Nuclear Science!

Nuclear Science Week is an international, broadly observed week-long celebration that focuses on all aspects of nuclear science. Events during this week will provide many learning opportunities about contributions, innovation and careers that can be found by exploring nuclear science. [#nuclearsciweek](#)

SRS Community Reuse Organization and its affiliated Nuclear Workforce Initiative are collaborating with local organizations to conduct activities designed to encourage and bring awareness of nuclear technology and the many careers available within nuclear technology and other high-tech industries.

EDUCATION DAYS INFORMATION



**Monday, Tuesday, Wednesday, Thursday, Friday
October 15, 16, 17, 18, 19, 2018**

Where:

Ruth Patrick Science Education Center (RPSEC), University of South Carolina Aiken

Who:

Middle & High School Students

What:

Center of the Atom (An Investigation of Protons, Neutrons, Electrons, Elements, and Isotopes), Probing the Periodic Table, Changes Matter, Meet the Elements, Radioecology, Sunstruck (Planetarium)

How:

Beginning mid-April, the Ruth Patrick Science Education Center will be accepting reservation requests for field trip programs for the 2018-2019 school year. Reservation request forms are available at <http://rpsec.usca.edu/student/>. The deadline for teachers to submit their requests is Friday, June 1, 2018 at 5:00 PM. Our programs fill up quickly, so please do not delay!

For more information contact Dr. Gary Senn at SennG@usca.edu

**Friday
October 19, 2018**

Where:

University of South Carolina Salkehatchie – Allendale, SC

Who:

Middle & High School Students

What:

Journey to the Center of the Atom, Fundamentals of Nuclear Fuel, Going Nuclear



How:

Registration required (limited space). For more information contact Heather Judy at HJUDY@mailbox.sc.edu

**Tuesday
October 16, 2018**

Where:

Augusta University – Summerville Campus – TearDrop (Augusta, GA) 10AM to 2:00 PM

Who:

Society of Nuclear Scholars

What:

Society of Nuclear Scholars Nuclear Science Week Event!

How:

Using our passionate student volunteers and board members, we will have four tables set up with information and activities that aim to educate and engage both students and the community about nuclear science – we want to debunk the fear and ignite passion in its place!

For more information, contact Courtney Adams at COADAMS@augusta.edu



**Thursday
October 18, 2018**

Where:

Kroc Center – 1833 Broad Street, Augusta, GA – Hosted by SRS Community Reuse Organization

Who:

GA/SC regional high school junior and senior students considering a career pathway that involves science, technology, engineering and math (STEM) skills.

What:

Students will learn about local career opportunities they may not have considered and interact with



professionals in high-tech industries to include nuclear technology, cyber technology, advanced manufacturing and others through a wide variety of interactive exhibitors and speakers.

How:

Registration required (limited space) and coordinated through educators – For more information and details, contact Kim Saxon at kim.saxon@srsacro.org

Our Sponsors

Many thanks to our sponsors.

GOLD:

Georgia Power Company | Southern Nuclear Company | SRS Community Reuse Organization | Nuclear Workforce Initiative®

SILVER PLUS:

BWX Technologies, Inc.

SILVER:

Aiken Technical College | Applied Research Center | Augusta Technical College | MOX Services, LLC

BRONZE:

Augusta University Cyber Institute | Kimberly-Clark | Savannah River Remediation, LLC | South Carolina Electric & Gas

IN-KIND

Bright & Bold Entertainment | Empowered Global Solutions, Inc. | John Deere | Security Onion Solutions



**Monday, Tuesday, Wednesday, Thursday, Friday
October 15, 16, 17, 18, 19, 2018**

Where:

Southern Nuclear Plant Vogtle – Waynesboro, GA

Who:

Middle, high school, college/university students and teachers

What:

Tour & hands-on educational demonstrations

How:

Registration required (limited space). For more information contact Joel Leopard at jaleopar@southernco.com or 706-848-3630



Wednesday
October 17, 2018

Where:

Savannah River Site – Aiken, SC

Who:

CSRA high school science & math teachers, college/university educators and college/university students.

What:

Science application at SRS

How:

Registration required (limited space). For more information contact Kimberly Mitchell at kimberly.mitchell@srs.gov or 803-952-8782





Annual Edward Teller Lecture and Banquet

Thursday, October 18, 2018

Where:

University of South Carolina Aiken Convocation Center, 75 Robert M Bell Pkwy, Aiken, SC

What:

As part of its public outreach, Citizens for Nuclear Technology Awareness (CNTA) sponsors the annual Edward Teller Lecture, named for the famed nuclear pioneer who played a key role in development of nuclear energy during World War II.

Keynote Speaker:

Dr. Jose Reyes – Co-founder and Chief Technology Officer – NuScale Power

How:

Registration required ([ticket](#)). For more information contact CNTA at cnta@bellsouth.net or 803-649-3456

Science Education Enrichment Day (S.E.E.D)

Saturday, October 6, 2018

10:00 am – 3:00 pm

OTHER ACTIVITIES

University of South Carolina Aiken Campus

Cost: FREE!

The goal is to increase awareness of the critical role science, technology, engineering and math (STEM) fields play in our everyday existence.

Go to <http://rpsec.usca.edu/SEED/> for more information or visit the [Facebook](#) page.



CNTA Costume Ball

Friday, October 12, 2018

Time: 7:00PM - 10:00 PM

Aiken Center for the Arts, 122 Laurens Street SW, Aiken, SC

Hosted by Citizens for Nuclear Technology Awareness. Anyone and everyone are welcome to attend! See [flyer](#).

Attire:Costumes preferred. An opportunity to network, hit the dance floor, and bring home bragging rights for best costume.

Cost: \$25 – [Tickets](#)

For more information contact CNTA at cnta@bellsouth.net



City of New Ellenton– Atomic City Festival

Saturday, October 13, 2018

Time: 10:00am - 10:00 pm

Craft & food vendors and music & live entertainment

Fireworks at 9:00 pm

New Ellenton Fire Department Open House: 10:00 am – 3:00 pm





Careers in Energy

Wednesday, October 17, 2018

Richmond County Technical Career Magnet School – Augusta, GA

Sophomore students will learn about great careers they can pursue in the energy industry and how important human performance is to the nuclear industry.

Event sponsored by Southern Nuclear & Georgia Power



Nuclear Blitz Days

Monday, Tuesday, Thursday, Friday

October 22, 23, 25, 26, 2018

The Citizens for Nuclear Technology Awareness Young Professionals and American Nuclear Society Savannah River Chapter will discuss topics to include demonstrations of radiation detection with a Geiger Mueller Counter (including principles of distance and shielding) and an exercise to better understand dose rates (daily life, occupations, medical procedures, etc.) and radiation safety to Aiken County Public High School Chemistry and Physics Classrooms.

For more information contact CNTA at cnta@bellsouth.net

Savannah River Site Museum Tours

Friday, October 19 & Saturday, October 20, 2018

Time: 12:00 pm - 4:00 pm

224 Lauren Street SW, Aiken, SC

Exhibits describing the history and accomplishments of the once-secret Savannah River Site

For more information contact Walt Joseph at qualityprt@aol.com or 803-648-5634



Block Party – Atoms in the Alley

Saturday, October 20, 2018

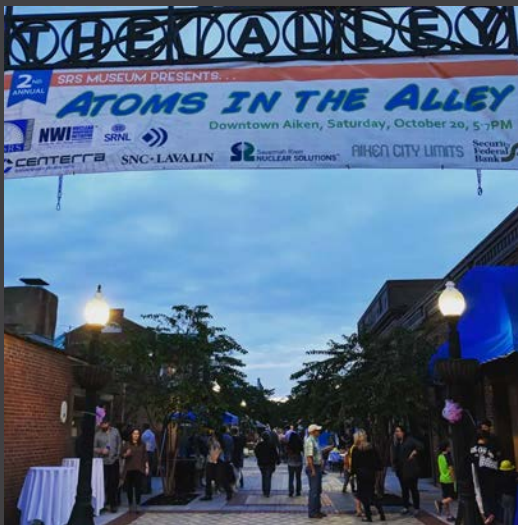
Time: 5:00 pm - 7:00 pm

The Alley in downtown Aiken, SC

Join this fun, family friendly event celebrating Aiken County and the surrounding area's nuclear history. Event will include science related demonstrations, live music, vendors, silent auctions and more. All proceeds benefit the SRS Museum.

Follow our event [Facebook](#) page.

For more information contact either Andy Albenesius at Andrew.Albenesius@srs.gov or 803-646-4576 and Tara Smith at Tara.Smith@sml.doe.gov or 803-725-1427





The United States Department of Energy Savannah River Operations Office (DOE-SR) provides a variety of science and literacy outreach programs at the Savannah River Site (SRS) by funding and coordinating the efforts of several organizations. These organizations include the Savannah River Ecology Laboratory (SREL), Natural Resources Management and Research Institute, and Savannah River Nuclear Solutions, LLC (SRNS). The primary goals of these outreach programs are to enhance interest in science, mathematics, engineering and technology and to support improvements in education in the Central Savannah River Area by using the unique resources available at the Site. We believe business, industry, government and the education community must work together as partners to improve the educational opportunities for all students in our region.

To learn more about the many programs offered: <http://www.srs.gov/general/outreach/edoutrch/index.htm>

Ruth Patrick Science Education Center

The Ruth Patrick Science Education Center is a cooperative effort between the University of South Carolina Aiken, business, industry, and schools in the Central Savannah River Area. Its programs challenge the present and inspire the future to effect systemic change in science and mathematics education. Its hands-on approach to teaching is designed to help people experience the beauty, the order, and the power of science and mathematics, as well as the interest and fun of discovery.

Programs are available for students, teachers and the community. Learn more at <http://rpsec.usca.edu/>

Bringing Nuclear into the Classroom

This workshop for middle and high school teachers was jointly developed and is implemented by the Citizens for Nuclear Technology Awareness (CNTA) and the local section of the American Nuclear Society (ANS-SR). The workshop includes hands-on styled presentations that demonstrate the fundamentals and benefits of nuclear technology and energy applications.

Workshops are presented several times each year. For more information contact CNTA@bellsouth.net



Savannah River Site Museum

224 Laurens Street SW, Aiken, SC

The museum goals are to commemorate the achievements that helped win the Cold War, recognize the sacrifices of people displaced by the Site, excite young people about science and technology and boost the economy through heritage tourism.

For more information, visit their Facebook at <https://www.facebook.com/srs.heritage/>

Savannah River Site Public Tour Program

Savannah River Nuclear Solutions, LLC will once again offer a limited number of Savannah River Site (SRS) tours for the general public. Site tours provide an opportunity for those interested in SRS to better understand the Department of Energy's facilities and workers that changed the face of Aiken, Barnwell and Allendale Counties, nearby cities and helped win the Cold War. Guests will also learn about facilities supporting future missions of the Savannah River Site.

For more information visit <http://www.srs.gov/general/tour/public.htm>

Plant Vogtle Energy Education Center

7821 River Road, Waynesboro, Georgia

Plant Vogtle is one of Georgia Power's two nuclear facilities and is one of three nuclear facilities in the Southern Company system.

Construction of the two-unit plant started in 1974. Unit 1 began commercial operation in May 1987. Unit 2 began commercial operation in May 1989. Each unit is capable of generating 1,215 megawatts for a total capacity of 2,430 MW. The plant is powered by pressurized water reactors manufactured by Westinghouse.

Approximately 900 people – engineers, mechanics, control room operators, lab technicians, instrument and control technicians, electricians, security officers and others – oversee the plant's operations 24 hours a day, every day of the year.

If you would like to receive information about Plant Vogtle or would like to schedule a plant tour or informative presentation for your school group, civic group or other group, please contact the Vogtle Energy Education Center staff at veec@southernco.com



Training Opportunities

Science, Technology, Engineering and Mathematics (STEM) skills are important building blocks that help students expand their education and career opportunities. Creative resources are available to students, teachers and parents to promote STEM skill development and understand nuclear technology through activities that encourage exploration and involvement.

Workforce Opportunities in Regional Careers (WORC) scholarships are available at five area educational institutes with a focus on programs that enable students to develop critical skills needed for careers supporting Department of Energy's (DOE) Office of Environmental Management and National Nuclear Security Administration nuclear missions.

Visit link below to learn about all the local high-tech training opportunities and scholarships available:

<https://srscro.org/nuclear-workforce-initiative/college-university-programs/>

For more information about

Nuclear Science Week,

contact Mindy Mets, Director of Regional Workforce Programs
at mindy.mets@srscro.org or Kim Saxon, Assistant Coordinator,
at kim.saxon@srscro.org



"Growing Our Own Through Collaboration."®