



AIKEN **TECHNICAL COLLEGE**

CELEBRATING NUCLEAR SCIENCE WEEK ▶ October 16 – 20, 2023

BUILD A CAREER

in the **Nuclear Industry**

Nuclear Career Panel Discussion

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Savannah River
NUCLEAR SOLUTIONSSM

FLUOR • NEWPORT NEWS NUCLEAR • HONEYWELL



SAVANNAH RIVER SITE

Apprenticeship School



SAVANNAH RIVER NATIONAL LABORATORY



Aherial Polite
Department Chair of Chemistry, Physics, and Nuclear Technology
& Nuclear Fundamentals and Radiation Protection Advisor
at Aiken Technical College

Aherial Polite is the department chair of Chemistry, Physics, and Nuclear Technology at Aiken Technical College. She's also a chemistry instructor and the advisor for the Nuclear Fundamentals and Radiation Protection programs at ATC. Previously, Aherial taught Chemistry and Physics at the high school level. She has her Bachelor of Science in Chemistry and Master of Arts in Teaching, both from the University of South Carolina. Currently, Aherial is pursuing her Doctorate in Education in Leadership from Valdosta State University. She's joined Citizens for Nuclear Technology Awareness and the Savannah River Section of the American Nuclear Society, serving as a board member for both organizations. Additionally, she's a member of Alpha Kappa Alpha Sorority, Inc., NOBCChE, and the American Chemical Society. Most notably, Aherial was recognized as the SCTEA's Educator of The Year for 2020-2021 at ATC, Aiken Tech's Faculty Member of the Year in 2022, and part of the team that won the A. Wade Martin Award in 2023.



Robert L. Buckley
Senior Fellow Engineer, Atmospheric Technologies Group
Savannah River National Laboratory

Dr. Buckley joined the Atmospheric Technologies Group (ATG) of the Savannah River National Laboratory (SRNL) as a postdoctoral research fellow in 1994. This followed research related to aerosol mechanics and numerical studies of radioactive solute transport in groundwater performed at the Particulate Systems Research Center (PSRC) at the University of Missouri in Columbia. Since joining the ATG, Dr. Buckley has helped design and implement a prognostic atmospheric modeling capability for the southeast United States, as well as developing a system for archiving and using meteorological data from worldwide sources for applications related to nuclear non-proliferation and emergency response. He has extensive experience in modeling atmospheric dynamics, with applications to transport and dispersion modeling.

More recently, he has interacted with various sponsors of work related to transport and dispersion in nuclear non-proliferation applications, directed sub-contractors in programs related to nuclear non-proliferation, and performed research with ensemble modeling techniques.



David Anthony Jackson
Program Lead in the Savannah River Nuclear Solutions
(SRNS) Site Training Department at Savannah River Site
(SRS) / SRS Apprenticeship School

David Anthony Jackson is a Program Lead in the Savannah River Nuclear Solutions (SRNS) Site Training Department at Savannah River Site (SRS) / SRS Apprenticeship School since 2019.

Prior to SRS, Mr. Jackson worked for Westinghouse and taught New Hire Orientation at Plant Vogtle Units 3 and 4 in Georgia. He has over 30 years of experience in the Nuclear Industry, the Construction Industry, and trains OSHA 10 & 30 Outreach training.

Since 2019, he has been the Principal Training Specialist, Lead of the Facility Operator Apprenticeship Program SRS Apprenticeship School, SRNS. Current duties include mentoring Facility Production Operator Apprentices; revising training materials for accuracy and compliance; coordinating the day-to-day training and scheduling; developing training materials, proctor exams, maintain training and qualification program records. Conduct weekly meetings with management representatives from all three companies, partnering organizations and Technical Schools about The SRS Apprenticeship School and current Facility Production Operator Apprentices cohorts.



Tronie Williams
Aiken Technical College Alumni

Tronie is an Aiken Tech Alumni and now a Senior Radiation Protection Technician with Day and Zimmerman currently working at Plant Vogtle Units 3 and 4.

BUILD A CAREER

in the Nuclear Industry



Nuclear Technology Supports

- ▶ Environmental Management
- ▶ Energy
- ▶ Food & Agriculture
- ▶ Manufacturing
- ▶ Medicine
- ▶ National Security
- ▶ Research and Development
- ▶ Space Exploration



Why Choose Nuclear

- ▶ Great Salary
- ▶ Excellent Benefits
- ▶ Growing Workforce
- ▶ New Technologies
- ▶ Advancement Opportunities
- ▶ Make a Difference



Nuclear Career Options

- ▶ Administrative
- ▶ Chemists
- ▶ Engineers
- ▶ Information Technology Specialists
- ▶ Maintenance Technicians
- ▶ Production Operators
- ▶ Radiological Control Inspectors
- ▶ Plus More ...



Employability Skills Needed

- ▶ Creative Thinking
- ▶ Dependability
- ▶ Flexibility
- ▶ Motivation
- ▶ Teamwork
- ▶ Time Management



Educational Levels

- ▶ High School Diploma
- ▶ Technical College Training/Certificate
- ▶ University/College Degree
- ▶ Military Training



PROGRAMS OFFERED AT SIX AREA EDUCATIONAL PARTNERS

- ▶ Aiken Technical College
- ▶ Augusta Technical College
- ▶ Augusta University
- ▶ Claffin University
- ▶ University of South Carolina Aiken
- ▶ University of South Carolina Salkehatchie



BUILDING A SKILLED WORKFORCE WITH SCHOLARSHIPS

Workforce Opportunities in Regional Careers (WORC) scholarships are available, in varying amounts, at six area educational institutions. Scholarships focus on programs that provide opportunities for local careers.

