

Postdoc Position - Pulse Nuclear Fusion Development

[Savannah River National Laboratory \(SRNL\)](#) is seeking talent postdoc candidates who are interested in pulse nuclear fusion development based on Z-pinch working principle. Preferred candidates will have hands on experience with power electronics, knowledge with D-T fusion, neutron detection and data analysis. Candidates are expected to have track record of peer reviewed publications and willing to prepare research proposals.

SRNL is a multi-program laboratory managed by Battelle Savannah River Alliance (BSRA) applying state of the art science and practical, high-value, cost-effective solutions to complex technical problems to protect the nation. Located at the U.S. Department of Energy's (DOE) Savannah River Site (SRS), the laboratory develops and deploys innovative technologies to address some of the nation's environmental, energy, and national security challenges. Proof of complete COVID-19 vaccination or approved exemption authorization will be required for employment at SRNL. Must be able to obtain and maintain a DOE security clearance. US Citizen only.

Successful candidates will be ranked in the following categories:

- Deliver Results
- Shape the Future
- Build Relationships
- Energize and Recognize Team
- Model Excellence

BSRA is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, or protected veteran status. BSRA is also committed to making our workplace accessible to individuals with disabilities and will provide reasonable accommodations, upon request, for individuals to participate in the application and hiring process.

For more information, please contact Dr. X. Steve Xiao, steve.xiao@srnl.doe.gov.