

Sandia Maxwell Fellowship



Seeking Applicants!

We are now accepting applications for the Sandia Maxwell Fellowship, named after James Clerk Maxwell, who formulated the classical theory of electromagnetic radiation that is core to the science of pulsed power, radiation, electrical and high energy density sciences. This is a prestigious postdoctoral research fellowship with funding from Sandia's Laboratory Directed Research and Development (LDRD) Program.

As a *Sandia Maxwell Fellow*, you will:

- Address complex problems in support of broad-ranging national security areas
- Collaborate with highly motivated and talented researchers on challenging research questions using state-of-the-art resources, and
- Present your work at leading publication and conference venues.

We seek exceptional and highly motivated new Ph.D. scientists and engineers with a background and interest in the broadly defined domains of pulsed power physics and engineering, along with radiation, electrical, and high energy density sciences. LDRD funding will be provided by the Assured Survivability and Agility with Pulsed Power (ASAP) Mission Campaign. The primary goal of ASAP is to develop pulsed power technologies that are needed for a next generation pulsed power facility with ten times the energy of Sandia's Z Machine and enable new science capabilities for assessing survivability of electronics and other components in extreme radiation environments. Thus we are particularly interested in applicants excited by the prospect of developing models, simulations, components, diagnostics, novel system designs, or entirely new technologies that will be transformational for pulsed power.

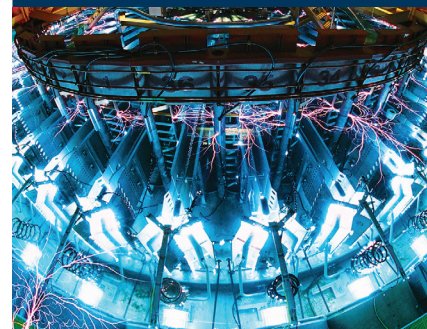
Requirements

- You have, or are pursuing, a Ph.D. in a field relevant to pulsed power or to its use in radiation, electrical, and high energy density sciences, conferred within the past three years, or anticipated completion of Ph.D. requirements by commencement of appointment
- Your background includes the appropriate research experience, as evidenced by a strong record of research publications and presentations
- Development and submission of a compelling research proposal aligning with the objectives of the ASAP mission
- No previous postdoctoral appointments at a national laboratory
- You can acquire a DOE Q level security clearance, which requires US Citizenship

The selected Fellow will receive a one-year appointment with the option for a second and possibly a third year, and includes a highly competitive salary, moving expenses and a generous professional travel allowance.

For more information, please visit:

<https://www.sandia.gov/careers/career-possibilities/students-and-postdocs/fellowships/maxwell-fellowship/>



Applications
will be accepted
through
April 30, 2021

Apply online:
sandia.gov/careers

Click "**View all Jobs**"
Search :
Maxwell Fellowship
or Job ID: **675394**



All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, or veteran status and any other protected class under state or federal law.

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