

Los Alamos National Laboratory Physics Senior Scientist, P-27

Vacancy Name: IRC43495

Online Application: <http://jobs.lanl.gov>

Description

The LANSCE Weapons Physics Group (P-27) in Physics division is searching for a Senior Scientist to strengthen the group's research portfolio. P-27 is an experimental nuclear physics group focusing primarily on neutron-induced nuclear reaction studies. Present research interests include nuclear reactions, nuclear astrophysics, nuclear structure, fission, radiography, and applied nuclear science. The research portfolio often takes advantage of the Los Alamos Neutron Center (LANSCE) neutron sources and a wide range of instruments.

What You Will Do

This position will be filled at either the Scientist 3 or 4 level (roughly equivalent to a tenured faculty or full professor at a university), depending on the skills of the selected candidate. Additional job responsibilities (outlined below) will be assigned if the candidate is hired at the higher level.

Scientist 3 (\$86,400-\$148,200)

Responsibilities will include, but are not limited to:

- Design, execute, analyze, and interpret experiments to understand the behavior of atomic nuclei or their applications
- Lead technical decision making and direction at the project level
- Build effective teams and enhance the technical and professional skills of junior scientists, postdocs, and students
- Develop and advance LANSCE-relevant nuclear science campaigns for NNSA's Science Based Stockpile Stewardship program and/or the nuclear physics community

Scientist 4 (\$105,500-\$177,800)

In addition to the responsibilities listed above, the Scientist 4 would be expected to:

- lead the development of new strategic initiatives
- expand technical capabilities of the group
- maintain a strong national reputation in the field through organization of and involvement in advanced research.

What You Need

Required Skills:

- A strong national reputation in low-energy nuclear physics or a related field
- Demonstrated ability to lead the development of research in new a field or to lead the development of new experimental capabilities
- A significant record of achievement through publications, reports, or technical products
- Excellent communication skills as evidenced by invited and contributed talks
- Demonstrated ability to mentor students, postdocs, and/or early career scientists

Additional Requirements for a Scientist 4:

- Recognition as a national leader in low-energy nuclear physics or a related field
- Extensive experience identifying, promoting and developing technical capabilities
- Extensive experience providing technical direction and supervision for junior staff

Desired Skills:

- Demonstrated knowledge of DOE NP and NNSA programs/R&D activities
- Demonstrated expertise in nuclear physics experiments with neutrons
- Demonstrated track record of securing project and program funding

Education: Ph.D. in Nuclear Physics or related field.

Notes to Applicants: Applicants should submit a cover letter, CV (with publication list), and research statement and arrange to have at least 3 letters of reference sent to Aaron Couture. For additional information about this position, please contact Aaron Couture at acouture@lanl.gov.

Additional Details

Clearance: Q (Position will be cleared to this level). Applicants selected will be subject to a Federal background investigation and must meet eligibility requirements* for access to classified matter.

*Eligibility requirements: To obtain a clearance, an individual must be at least 18 years of age; U.S. citizenship is required except in very limited circumstances. See DOE Order 472.2 for additional information.

Pre-Employment Drug Test: The Laboratory requires successful applicants to complete a pre-employment drug test and maintains a substance abuse policy that includes random drug testing.