



Vacancy Name **IRC69251**
Job Title **P-27 Group Leader (R&D Manager 4)**
Organization Name **P-27 LANSCE WEAPONS PHYSICS**

What You Will Do

The LANSCE Weapons Physics Group (P-27) is a diverse group composed of approximately 35 scientists, engineers, technicians, postdocs and students (and roughly 350 visitors who come to the Lujan Center and Weapons Neutron Research (WNR) facility each year to perform experiments). It has an annual budget of approximately \$16M working on both basic and applied research for a variety of sponsors. These include NNSA Defense Programs, Work for Others, Office of Science - Nuclear Physics, and Work for Others.

The P-27 Group Leader will provide management and technical leadership for the LANSCE Weapons Physics Group (P-27) and its multiple scientific efforts at Los Alamos National Laboratory. These include world-class leadership in low-energy nuclear physics, nuclear fission, neutron capture, nuclear structure, neutron radiography, spallation physics, and neutron irradiation. The Group Leader serves as the Director of the Lujan Center and is responsible for the safe and secure operation of the Lujan Center and WNR, part of the LANSCE national user facility, that are open to researchers from around the world. The Lujan Center operates seven flight paths – three devoted to material science research, three dedicated to nuclear physics, and one to neutron radiography. The WNR facility has six flight paths devoted to nuclear physics, neutron irradiation, and neutron radiography. The Group Leader oversees an annual call for proposals, the proposal review process, and scheduling beam time at the flight paths. The Group Leader is responsible for all aspects of Group operations including: effective program development and execution, sound fiscal management, personnel recruiting, professional development, personnel supervision, and ensuring that the Group operates safely, securely, and in an environmentally compliant manner.

As a member of the Physics Division management team, the P-27 Group Leader reports to the Physics Division Leader. The P-27 Group Leader will contribute to the integrated

management and technical leadership of the Division as a whole, working effectively and collaboratively with other groups and program management both within and outside the Division. The successful candidate will work with other Physics Division leaders to develop a strategic plan and long-range goals for the Division and lead the Group's strategic and tactical planning directed towards implementing and achieving them.

What You Need

Minimum Job Requirements:

- PhD in Physics, a closely related field, or equivalent experience.
- Record of successful research in a scientific field relevant to at least one of the Group's core research areas or programs, as demonstrated by published articles or project reports.
- Strong record of effective written and verbal communication skills, as evidenced by application materials, letters of reference, interactions with colleagues, and by seminars, briefings, presentations, and publications.
- Demonstrated capability in program development and scientific and organizational leadership as evidenced by the ability to form, organize, administer, and lead large scientific projects or teams.
- Financial management skills and commitment to good business practices as demonstrated by performance and accomplishments in previous work assignments.
- Commitment to the hiring, professional development and mentoring of a diverse workforce.
- Record of commitment to safety, security, quality, professionalism in the workplace, and AA/EEO.
- Ability to obtain a Q clearance, which normally requires U.S. citizenship.

Desired Skills:

- Recognition as a national or international leader of science, as evidenced by fellowships, invitations, service on committees, organization of conferences, and advisory roles for sponsors.
- Demonstrated ability to form collaborations with national laboratories, universities, and/or industry.
- Experience with programmatic sponsors such as DOE, NNSA, DOD, DHS, or other government agencies.
- Demonstrated ability to successfully interact with senior management.
- Familiarity with Physics Division research activities.
- Familiarity with Laboratory administrative policies and procedures.

Notes to Applicants:

- In your cover letter, please address how you meet the minimum job requirements and any of the desired skills.

Where You Will Work

Located in northern New Mexico, Los Alamos National Laboratory (LANL) is a multidisciplinary research institution engaged in strategic science on behalf of national security. LANL enhances national security by ensuring the safety and reliability of the U.S. nuclear stockpile, developing technologies to reduce threats from weapons of mass destruction, and solving problems related to energy, environment, infrastructure, health, and global security concerns.

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.

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

Regular position: Term status Laboratory employees applying for regular-status positions are converted to a regular status only with approval of the cognizant Principal Associate Director.

Equal Opportunity: Los Alamos National Laboratory is an equal opportunity employer and supports a diverse and inclusive workforce. All employment practices are based on qualification and merit, without regards to race, color, national origin, ancestry, religion, age, sex, gender identity, sexual orientation or preference, marital status or spousal affiliation, physical or mental disability, medical conditions, pregnancy, status as a protected veteran, genetic information, or citizenship within the limits imposed by federal laws and regulations. The Laboratory 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. To request such an accommodation, please send an email to applyhelp@lanl.gov or call 1-505-665-4444 option 1.