

Los Alamos National Laboratory (LANL), a multidisciplinary research institution engaged in strategic science on behalf of national security, has an opportunity available for a P-21 Group Leader (R&D Manager 4) in our Applied Modern Physics Group.

**P-21 GROUP LEADER (R&D MANAGER 4)  
JOB IRC49129**

Provide management and technical leadership for the Applied Modern Physic Group (P-21) and its multiple scientific efforts at Los Alamos National Laboratory, which include world-class leadership in Quantum Communications, Quantum Sensing using Bose-Einstein Condensates, Magnetic Resonance Imaging Applications, Atomic Magnetometry, Bioengineering and Biophysics, Neuromorphic Computing, Dynamic Radiographic Experimental Design and Analysis of thick objects, and Prompt Diagnostics Design and Analysis for very high-energy events. The Group Leader is responsible for all aspects of Group operations, which include: effective program development and execution, sound fiscal management, personnel recruiting, professional development, personnel supervision, and working to ensure that Group conduct of operations meets all Laboratory and DOE requirements in safety, security, and environmental management.

As a member of the Physics Division management team, the P-21 Group Leader will report to the Physics Division Leader. The P-21 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 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**

**Education:**

- PhD in physics or a closely related field or equivalent combination of experience.

**Minimum Job Requirements:**

- 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 both inside and outside the Lab, 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.

- Demonstrated experience in building collaborative relationships, for example across institutional boundaries, and/or with other laboratories, universities, and industrial partners.
- Knowledge of external funding agencies (DOE, NNSA, DoD, DHS, NSF, etc.), including experience and engagement with programmatic sponsors.
- Financial management skills and commitment to good business practices as demonstrated by performance and accomplishments in previous work assignments.
- Demonstrated commitment to the professional development and mentoring of employees.
- Demonstrated ability to successfully interact with regulatory and oversight agencies and personnel relevant to the Laboratory.
- Record of commitment to safety, security, quality, diversity in the workplace, and AA/EEO.

**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 other national laboratories, universities, and/or industry.
- Understanding of and demonstrated experience with earned value management systems.
- Demonstrated ability to successfully interact with Laboratory management.
- Familiarity with Physics Division research activities.
- Familiarity with Laboratory administrative policies and procedures.

To apply and learn more about the position, please see Job IRC49129 at [careers.lanl.gov](https://careers.lanl.gov).

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