



**Project Director - Advanced Photon Source Upgrade
Requisition #402057
Argonne National Laboratory
Lemont, Illinois (Suburb of Chicago)**

Chartered in 1946 as the nation's first national laboratory, Argonne enters the 21st century focused on solving the major scientific and engineering challenges of our time: sustainable energy, a clean environment, economic competitiveness and national security. Argonne is home to a staff of over 3,300 employees including over 1,500 scientists, engineers and postdoctoral scholars and, with world-renowned scientific facilities, hosts over 6,500 facility users annually.

Argonne is currently inviting applications for the position of Advanced Photon Source Upgrade (APS-U) Project Director. The APS-U Project Director provides leadership for the APS upgrade including constructing the first storage ring high-energy light source in the U.S. with a multi-bend achromat magnet lattice design, associated front ends and insertion devices, and experimental systems to maximize the scientific potential of the facility within cost and schedule constraints.

The Director will also serve as special advisor to the Laboratory Director on the APS Upgrade and other larger scientific projects and/or on accelerator science and technology, with area dependent on expertise of the successful candidate. Will serve as the senior spokesperson for the APS Upgrade in interactions with DOE and other stakeholders. In addition, the Director will provide line management for the APS Upgrade Project, including direction of dedicated and matrixed personnel, to develop the APS Upgrade project, including preliminary design, baseline design, project construction initiation, and project execution. Will also contribute to the development of scientific, engineering, project management and leadership talent for those involved in the Upgrade project through both direct and matrix reporting relationships. To learn more about the APS Upgrade Project visit: <https://www1.aps.anl.gov/APS-Upgrade>.

Position Requirements

- Broad understanding and creativity around machine design, procurement, construction; what is possible, what trade-offs to take.
- Expertise in design, construction, and transition to operations of large light source or other accelerator projects.
- External leadership: ability to champion APS-U with stakeholders and lead user community in support of successful project completion and ongoing operation.
- Internal leadership: ability to work with and manage a team, work collaboratively across peer leaders and work successfully across all levels and disciplines.
- Change management: ability to describe a compelling vision, engage support and motivate participants to align to a new direction.
- Requires advanced degree in Physics or Engineering or related field, and 10+ years of large-scale project management experience.

Organizational Context

- Dual reporting relationship to the Associate Laboratory Director of the Photon Sciences directorate and to the Argonne Laboratory Director.
- Responsible for seven direct reports which include highest level project management and associated administrators, plus an administrative assistant.
- Responsible for an organization of approximately 90, inclusive of dedicated matrix reports.
- The APS Upgrade Project resides within the Photon Sciences directorate.

As an equal employment opportunity and affirmative action employer, Argonne National Laboratory is committed to a diverse and inclusive workplace that fosters collaborative scientific discovery and innovation. In support of this commitment, Argonne prohibits discrimination or harassment based on an individual's age, ancestry, citizenship status, color, disability, gender, gender identity, genetic information, marital status, national origin, pregnancy, race, religion, sexual orientation, veteran status or any other characteristic protected by law. Argonne Laboratory is located about 25 miles southwest of Chicago and is operated by UChicago Argonne, LLC for the U.S. Department of Energy.