

The Physics Division of Argonne National Laboratory is seeking to hire a postdoctoral appointee within the ATLAS accelerator group. This position involves providing targets and radioactive sources to be used in accelerator beam operations.

In this role the postdoctoral appointee will provide targets and radioactive sources for nuclear physics research. Along with senior staff, the individual will assist in the operation and maintenance of the target making laboratory. Some of the responsibilities will include:

- Developing new techniques for the production of targets and radioactive sources.
- Conducting and publishing original research to advance the art of target making.

This position requires knowledge of the principles of physics, nuclear chemistry, metallurgy, and related fields. Considerable skill is required in various laboratory techniques of physics, nuclear chemistry, and communication with physicists. Excellent organizational skills in coordinating work for others is required along with laboratory experience in devising solutions to difficult technical problems.

This individual will need to develop innovative new methods of measurement and detection. The applicant will need to model and interpret experimental results, along with investigating the feasibility of applying scientific principles and concepts to potential inventions and products. This position requires planning and executing laboratory research. Will maintain substantial knowledge of state-of-the-art principles and theories, and may contribute to scientific literature and conferences. This job description outlines the general nature of work but is not intended to be a comprehensive list of all activities, duties and responsibilities required of job incumbent.

If you are interested in this position, please apply on the Argonne National Laboratory career site. (The link is below.) Look for **Requisition Number:** 402955

<http://www.anl.gov/careers/apply-job/postdoctoral-applicants>