



... for a brighter future

Argonne National Laboratory Overview

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U.S. Department
of Energy



A U.S. Department of Energy laboratory
managed by The University of Chicago

About Argonne

- Founded in 1943, designated a national laboratory in 1946
- Managed by The University of Chicago for the U.S. Department of Energy
 - More than 2,900 employees and 5,000+ facility users
 - About \$475M budget
 - 1,500-acre, wooded site in DuPage County, Illinois
- Broad R&D portfolio
- Numerous sponsors



Forefront Science and Engineering

- Basic and applied research
 - Materials and chemical sciences and engineering
 - High energy, nuclear, and atomic physics
 - Multidisciplinary nanoscience and nanotechnology
 - Structural biology, functional genomics, and bioinformatics
 - Environmental science, technology, and assessment
 - Transportation technology
 - Computer science and applied mathematics
 - Computational science
- Design, construction, and operation of accelerator-based user facilities
- Design, development, and evaluation of advanced nuclear energy systems and proliferation-resistant nuclear fuel-cycle technologies

Partnership Opportunities

- User facility access
 - Thesis/dissertation research
- Major initiatives
 - Participation; joint appointments
- Topical workshops and ‘summer schools’
- Science and engineering collaborations on other projects of mutual interest
 - Faculty and student research participation

Faculty and Student Participation

- Use of national user facilities
- Research collaboration
- Joint appointments
- Faculty summer/sabbatical research
- Student summer/thesis research
- Postdoctoral positions
- Topical schools & workshops
 - Neutron & X-ray summer school
 - RIA science school
 - Nanoscience, computing, etc
 - Annual Undergraduate Research Symposium
- www.dep.anl.gov



Division of Educational Programs

- More than 5,000 participants in DEP in 2006

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|-------------------|-------|
| Faculty | 63 |
| Graduate Students | 319 |
| Undergraduates | 798 |
| K-12 | 3,614 |
| Postdocs | 175 |



- User Facilities

| | |
|----------------------------|-------|
| Advance Photon Source | 3,215 |
| Pulse Neutron Source | 242 |
| ATLAS | 187 |
| Electron Microscopy Center | 154 |

Explore Argonne's Opportunities

- Argonne welcomes growing collaborations with regional and national colleges and universities
- Argonne home page: www.anl.gov
- Student/faculty programs: www.dep.anl.gov