



Communications, Education and  
Public Affairs Division



# A Visitor's Guide to Argonne National Laboratory

## National School on Neutron and X-ray Scattering

June 14-20, 2014 - Argonne National Laboratory  
June 21-28, 2014 - Oak Ridge National Laboratory

**Argonne National Laboratory**, one of the U.S. Department of Energy's oldest and largest national laboratories for science and engineering research, employs roughly 2,900 employees, including about 1,000 scientists and engineers, three-quarters of whom hold doctoral degrees. Argonne's annual operating budget of around \$630 million supports upwards of 200 research projects, which are broadly described below. Since 1990, Argonne has worked with more than 600 companies and numerous federal agencies and other organizations.

Argonne's mission is to apply a unique mix of world-class science, engineering and user facilities to deliver innovative research and technologies. We create new knowledge that addresses the most important scientific and societal needs of our nation.

We actively seek opportunities to work with industry to transfer our technologies to the marketplace through licensing, joint research and many other collaborative relationships.

Argonne is dedicated to protecting our employees, guests and neighbors in all our activities. Every employee, visitor, facility user and research collaborator is expected to put safety above all other concerns. No job is important enough to compromise safety.

Argonne is managed by UChicago Argonne, LLC, for the U.S. Department of Energy's Office of Science. Argonne is located on 1,500 acres (6.9 sq. km.) in southwest DuPage County, IL., 25 miles (40 km) southwest of Chicago, just off Interstate 55; the site is completely encircled by the Waterfall Glen Forest Preserve.

Argonne National Laboratory's Quality Management System is ISO 9001:2000 certified.

Research at Argonne centers around three principal areas:

#### Energy

**Energy Storage:** Argonne develops transformational energy storage systems that enable and enhance electric-drive vehicles and a green-energy grid through electrical energy storage development, prototype and manufacturing process engineering, stationary storage and grid management, and electric transportation systems.

**Alternative Energy and Efficiency:** Argonne is developing the next generation of alternative energy sources to promote energy independence through improved chemical fuels, advanced biofuels, and solar energy systems, as well as through the optimization of fuel and engine dynamics.

**Nuclear Energy:** Argonne develops advanced reactor and fuel cycle systems - including fast reactor and fuel cycle technologies, advanced modeling and simulation methods, and innovative nuclear energy systems - to enable the safe and sustainable generation of nuclear energy.

#### Biological and Environmental Systems

Argonne produces integrated molecular-scale, hydrological, economic and social computational models to enable regionally focused ecological and climate assessments through metagenome analysis, protein discovery, regional climate prediction and integrated climate, energy and economic discovery.

#### National Security

Argonne provides critical security technologies that prevent and mitigate events with potential for mass disruption or destruction through the nonproliferation and forensics of weapons of mass destruction, decision sciences, new sensors and materials, and cyber security.

#### Scientific User Facilities

Argonne scientists and engineers carry out both fundamental and applied scientific projects and maintain a number of large scientific user facilities that enhance research, especially projects that use hard X-rays and advanced computers. Our user facilities include:

Advanced Photon Source (APS)

Center for Nanoscale Materials (CNM)

Argonne Tandem-Linac Accelerator System (ATLAS)

Electron Microscopy Center (EMC)

Argonne Leadership Computing Facility (ALCF)

Transportation Research and Analysis Computing Center (TRACC)

Atmospheric Radiation Measurement Climate Research Facility (ARM)

## **DIRECTIONS TO ARGONNE NATIONAL LABORATORY**

For directions to Argonne National Laboratory and a map of the Argonne site, please visit website [www.anl.gov](http://www.anl.gov) and click on Visiting Argonne.

## **SCHOOL ADMINISTRATION OFFICE**

The school's administration office is located in Educational Programs, Building 360, Room F-109. Calls and messages for school participants will be received during school hours by telephone (630) 252-4114, by fax (630) 252-3193, or by e-mail at [nxschool@dep.anl.gov](mailto:nxschool@dep.anl.gov). School participants who may have mail sent to them during their stay at Argonne should have it sent to them in care of the National School on Neutron and X-ray Scattering, Argonne National Laboratory, Educational Programs- Building 360, 9700 South Cass Avenue, Argonne, IL 60439.

## **MEETING LOCATIONS**

During the period, June 15-20, 2014, the School lectures will be conducted in Advanced Photon Source (APS) Building 401. Specific room location will be determined.

## **IDENTIFICATION**

**Foreign Nationals** are required to bring original passport, visa, DS-2019 and 1-20 with you. **U.S. Citizens** are required to bring a photo ID (driver's license, state ID, or passport) to obtain access to the Argonne/Oak Ridge sites. A school ID will not be accepted. If you fail to bring these items with you, access to the sites will be denied.

## **TELEPHONE**

The Laboratory's general telephone number is 630-252-2000 during regular work hours. After hours, please call 630-252-5731. The Argonne Guest House telephone number is 630-739-6000.

## **FOOD SERVICES**

### ***Argonne Cafeteria, Building 213***

Open Monday through Friday (except holidays) from 7:00 a.m. to 9:00 a.m. (breakfast) and 11:15 a.m. to 1:30 p.m. (lunch).

### ***401 Grill***

The 401 Grill serves a variety of sandwiches, soups, salads, and beverages. It is located on the ground level of the Advanced Photon Source (APS) Conference Center, follow the 401 Grill signs west of the APS Auditorium.

Hours are Monday through Friday 11:00 a.m. to 2:00 p.m. and 4:30 p.m. to 9:00p.m. Saturday and Sunday 11:00 a.m. to 7:00p.m.

### ***Argonne Guest House Restaurant, Building 460***

Open Monday through Friday from 6:45a.m. to 8:30a.m. tor breakfast buffet, 11:00 a.m. to 1:30 p.m. wait-service lunch, and 5:30 p.m. to 8:30 p.m. wait-service dinner. On Saturday and Sunday, the restaurant is only open from 7:00a.m. to 11:00 a.m. tor breakfast.

## **EMERGENCY/NON-EMERGENCY INFORMATION**

If you need emergency assistance, **DIAL 9-1-1** on any Laboratory telephone. If you are using a cellular telephone, you must call **630-252-1911**. The Fire Alarm Operator will question you to obtain information needed by emergency responders.

For non-emergency assistance, call the Fire Department at extension 2-6131.

Medical assistance can also be obtained by contacting one of the following hospitals.

**Edward Hospital**  
**Naperville**

Telephone: 630-355-0450

**Adventist Hinsdale Hospital**  
Telephone: 630-856-9000

**Adventist Bolingbrook Hospital**  
Telephone: 630-226-8100

**Advocate Good Samaritan Hospital**  
**Downers Grove**

Telephone: 630-275-5900

**Adventist La Grange Memorial Hospital**  
Telephone: 708-352-1200

## **HELMETS REQUIRED ON SITE**

Motorcycle and bicycle riders are required to wear helmets on site even though helmets are not required under Illinois law. In addition, moped riders, inline skaters and users of wheeled cross-country ski trainers must all wear helmets while on site. Helmets must be Department of Transportation (DOT) approved.

### ARGONNE RESEARCH LIBRARY

The library is located on the fifth and seventh floors of the Theory and Computing Sciences Building 240. The main reference desk and all books are located on the 5th floor. Journals are housed on the 7th floor. The building is currently open 6 a.m. to 6 p.m. weekdays. The library is always open for self-service use, and is usually staffed weekdays 8:30a.m. to 5 p.m.

### HOURS AND WARDROBE FOR WORK

Due to considerable importance placed on issues relating to health and safety at Argonne, students are required to wear long pants (jeans or slacks) and closed toed shoes. **Shorts, dresses, skirts, leggings, tennis shoes and canvas shoes are not permitted in research laboratories.** Therefore, please pack appropriate clothing for your appointment at Argonne.

### FITNESS CENTER

Argonne's fitness center is located in Building 200, K-Wing, next to the exercise room used by the Argonne Exercise Club and Health & Employee Wellness for classes (map showing parking locations). The fitness center is equipped with aerobic exercise machines, strength machines, and free weights. The aerobic workout portion of the center includes treadmills, exercise bikes, elliptical trainers, and steppers. New mats, exercise balls, foam rollers, balance discs, and other stretching and toning equipment are on order. The Exercise Club area adjacent to the Fitness Center can be used during non-class times as additional space for stretching and toning. Changing rooms have been built at the Fitness Center. This area has lockers and benches for changing before and after workout sessions. The lockers are designed for day use only, and valuables should be kept in your office or car. The Fitness Center is accessible 24 hours a day, 7 days a week. To use the center outside of regular working hours (6:00 a.m. to 7:00 p.m., Monday through Friday), enter through the Exercise Club door. The remainder of Building 200 is off-limits during off-hours -- the changing rooms are accessible, but the shower rooms and the rest of building are not to be used during off-hours. An alarm will be set on the glass doors between the Fitness Center and the rest of Building 200 during off-hours. The center is not staffed.

### LIMOUSINE SERVICES

The limousine service rates listed below are based on a one-way trip from O'Hare International Airport or Midway Airport to Argonne National Laboratory. **Please be advised that these rates vary according to time and day of pick up. When you make a limousine reservation, please have them quote you a rate.**

#### ***A-1 Airport Limousine Service***

630-833-3788

#### ***United Limousine Service***

630-969-3865

800-331-9037 (Illinois and out-of-state)

### TRAIN SERVICE

Metra Web Site: [www.metrarail.com](http://www.metrarail.com)

### LODGING FACILITIES IN THE VICINITY OF ARGONNE NATIONAL LABORATORY

#### ***Argonne Guest House***

(Managed by Sodexo)

Argonne National Laboratory

9700 South Cass Avenue - Building 460

Argonne, IL 60439

Reservations: (800) 632-8990 or (630) 739-6000

Fax: (630) 739-1000

Email: [argonne-guest-house@anl.gov](mailto:argonne-guest-house@anl.gov)

[www.anlgh.org](http://www.anlgh.org)

NeutronSchool2013VisitorsGuide.docx ***Quinta Inn Chicago-***

#### ***Willowbrook***

(Interstate 55 and Route 83)

855 79th Street

Willowbrook, IL 60527

(630) 654-0077

[www.lq.com](http://www.lq.com)

#### ***Extended Stay America***

2345 Sokol Court

Darien, IL 60561

(630) 985-4708

[www.extstay.com](http://www.extstay.com)

#### ***Red Roof Inn Chicago- Willowbrook***

7535 Kingery Highway/State Route 83

Willowbrook, IL 60527

(630) 323-8811

[www.redroof.com](http://www.redroof.com)

#### ***Holiday Inn Chicago- Willowbrook-Hinsdale***

(Interstate 55 and Route 83)

7800 South Kingery Highway

Willowbrook, IL 60527

(630) 325-6400

[www.holiday-inn.com/chi-hinsdale](http://www.holiday-inn.com/chi-hinsdale)

#### ***Super 8 Willowbrook***

(Interstate 55 and Route 83)

820 West 79th Street

Willowbrook, IL 60527

(630) 789-6300

[www.super8.com](http://www.super8.com)