

# CHEMICAL DATA MANAGEMENT SYSTEM INTERNSHIP

## POSITION AVAILABLE

**FOCUS** Chemical Data Management System

**DIVISION** Environment, Safety and Health

**TIMING** Summer

Argonne National Laboratory, one of the U.S. Department of Energy's (DOE) major research centers, is pleased to announce opportunities for college and university graduate and undergraduate students to participate in the Laboratory's ongoing programs.

### ABOUT THIS INTERNSHIP

This team partners and collaborates with all personnel to accomplish Argonne's mission safely by offering the following services:

- Assist Safety Information Systems team with improving the data quality in the Chemical Inventory Management System.
- Partner with Data Analytics Program Manager and Chemical Inventory Manager to learn about current data quality issues in the chemical inventory management system.
- Investigate data quality issues related to gaps in the chemical inventory data or erroneous data in the chemical inventory system. Troubleshoot these issues and take appropriate follow-up actions to resolve the data quality issues. This may involve coordination with a third-party vendor or subject matter experts from Argonne's Environment Safety and Health team.
- Keep track of progress made towards resolving data quality efforts using quantitative metrics.
- Report on progress made during internship program.

### STUDENT REQUIREMENTS

**Students seeking to apply to any of the ESH internship positions should have the following qualifications:**

- Currently enrolled in occupational safety and health or radiological protection related program (ABET accredited preferred) full time and seeking a degree in chemistry, data quality and analytics or data management field. Master students are eligible to apply.
- Completed one year of schooling and maintain a grade point average of 3.0 on a 4.0 scale.

**Additionally, students seeking this opportunity should show in their application:**

- A desire to learn about the broad disciplines of data management and analytics, chemical inventory management, and safety information system, etc.
- A desire to participate in a dynamic work environment with competing deadlines and combination of desk and field work.
- Highly motivated and self-starting and the ability to work independently.

### COMPENSATION

The salary range is based on academic rank, academic discipline, and prior experience.

### HOURS

8:30 a.m. – 5:00 p.m.

Monday through Friday

Actual schedule will be determined upon hiring.

- Ability to assist in difficult situations and keep composure and confidence.
- Attention to detail and willingness to participate in documenting of reviews and meetings.
- Ability to model Argonne's Core Values: Impact, Safety, Integrity, and Teamwork while incorporating Diversity, Equity, Inclusion, and Acceptance.

**E-mail questions to:**  
eshinternship@anl.gov

### FOR MORE INFORMATION

**Educational Programs** Argonne National Laboratory [www.anl.gov/education](http://www.anl.gov/education)

# WORKER SAFETY AND ENVIRONMENT INTERNSHIP

## POSITION AVAILABLE

**FOCUS** Worker Safety and Environment

**DIVISION** Environment, Safety and Health

**TIMING** Summer

Argonne National Laboratory, one of the U.S. Department of Energy's (DOE) major research centers, is pleased to announce opportunities for college and university graduate and undergraduate students to participate in the Laboratory's ongoing programs.

The Deployed Safety Services Team (DSS) provides day-to-day ESH related support and services to the research and development organizations across Argonne and helps provide a standardization of safety practices across the laboratory.

### ABOUT THIS INTERNSHIP

Interns in DSS will develop skills in anticipating, recognizing, evaluating, and managing (including communicating) environmental, safety, and health hazards and risks by: 1) understanding the work planning and control system in Argonne (DSS mentoring & qualification journal will be a starting point), 2) shadowing various safety generalists/specialists deployed across the site to perform facility safety inspections and work planning and control reviews, and 3) independently or with minimum support, perform the tasks above and generate a report or work planning and control document.

### Students interested in this position may need additional skill sets:

- Fundamental knowledge of Environmental, Safety and Health (ESH) practices.
- Ability to listen to and effectively communicate with various researchers and scientists from various scientific disciplines.
- Desire to work with and support a broad range of scientific disciplines.
- Proven oral and written skills to effectively communicate problems and solutions to workers and management.
- Ability to develop interpersonal relationships with various researchers and scientists.

### COMPENSATION

The salary range is based on academic rank, academic discipline, and prior experience.

### HOURS

8:30 a.m. – 5:00 p.m.  
Monday through Friday  
Actual schedule will be determined upon hiring.

- Openness to exploring work across all scientific disciplines and other areas that ESH supports.

### STUDENT REQUIREMENTS

**Students seeking to apply to any of the ESH internship positions should have the following qualifications:**

- Currently enrolled in an environmental, safety and health related program (ABET accredited preferred) full time and seeking a degree in the ESH field. Master students are eligible to apply.
- Completed one year of schooling and maintain a grade point average of 3.0 on a 4.0 scale.

## EDUCATIONAL PROGRAMS

**Additionally, students seeking this opportunity should show in their application:**

- A desire to learn about the broad disciplines of occupational safety and health such as occupational medicine, safety training, and safety information system, etc.
- A desire to participate in a dynamic work environment with competing deadlines and combination of desk and fieldwork.
- Their ability to be highly motivated, self-starting and seeking a future career in a safety profession.
- Ability to assist in difficult situations and keep composure and confidence.
- Excellent written and oral communication skills.
- Attention to detail and willingness to participate in documenting of reviews, walkthroughs and meetings.

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# OCCUPATIONAL SAFETY INTERNSHIP

## POSITION AVAILABLE

**FOCUS** Occupational Safety

**DIVISION** Environment, Safety and Health

**TIMING** Summer

Argonne National Laboratory, one of the U.S. Department of Energy's (DOE) major research centers, is pleased to announce opportunities for college and university graduate and undergraduate students to participate in the Laboratory's ongoing programs.

### ABOUT THIS INTERNSHIP

This team partners and collaborates with all personnel to accomplish Argonne's mission safely by offering the following services:

- Assisting and advising Argonne's personnel with their responsibility to implement Argonne's Occupational Safety (OS) Policies and Procedures.
- Interpreting Federal, State and Local OS regulations and consensus standards related to WSH and applying them as appropriate to the execution of Argonne's mission.
- Developing and maintaining Lab-Wide OS policies and procedures to meet the requirements of our DOE contract.

These services are handled by personnel who specialize in Occupational Safety Services.

### STUDENT REQUIREMENTS

**Students seeking to apply to any of the ESH internship positions should have the following qualifications:**

- Currently enrolled in occupational safety and health, electrical, mechanical or engineering-related program (ABET accredited preferred) full time and seeking a degree in one of these fields. Master students are eligible to apply.
- Completed one year of schooling and maintain a grade point average of 3.0 on a 4.0 scale.

**Additionally, students seeking this opportunity should show in their application:**

- A desire to learn about the broad disciplines of occupational safety such as electrical safety and safety training, etc.
- A desire to participate in a dynamic work environment with competing

### COMPENSATION

The salary range is based on academic rank, academic discipline, and prior experience.

### HOURS

6:00 a.m. – 4:00 p.m.

Monday through Friday

Actual schedule will be determined upon hiring.

deadlines and combination of desk and fieldwork.

- Their ability to be highly motivated, self-starting and seeking a future career in a safety profession.
- Ability to assist in difficult situations and keep composure and confidence.
- Excellent written and oral communication skills.
- Attention to detail and willingness to participate in documenting of reviews, walkthroughs and meetings.

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# ENVIRONMENT PROTECTION PROGRAM INTERNSHIP

## POSITION AVAILABLE

<b>FOCUS</b>	<b>Environmental Protection Program</b>
<b>DIVISION</b>	<b>Environment, Safety, and Health</b>
<b>TIMING</b>	<b>Summer</b>

Argonne National Laboratory, one of the U.S. Department of Energy's (DOE) major research centers, is pleased to announce opportunities for college and university graduate and undergraduate students to participate in the Laboratory's ongoing programs.

### ABOUT THIS INTERNSHIP

This team partners and collaborates with all personnel to accomplish Argonne's mission by offering the following services:

- Assisting and advising Argonne's personnel with their responsibility to implement Argonne's environmental compliance obligations.
- Interpreting Federal, State and Local environmental regulations and applying them as appropriate to the execution of Argonne's mission.
- Performing environmental media sampling (air, water, soil, sediment) to ensure protection of human health and the environment.
- Developing and maintaining Lab-Wide environmental policies and procedures to meet the requirements of our DOE contract.

These services are handled by personnel who specialize in at least one of two disciplines referred to as (1) Environmental Compliance, and (2) Environmental Monitoring.

### STUDENT REQUIREMENTS

**Students seeking to apply to the EPP internship position should have the following qualifications:**

- Currently enrolled full-time at an accredited institution seeking a degree in environmental engineering, environmental science, or a related STEM major. Master students are eligible to apply.
- Completed one year of schooling at the time of appointment and maintain a gpa of 3.0 on a 4.0 scale.

**Additionally, students seeking this opportunity should show in their application:**

- A desire to learn about the broad disciplines of environmental protection as they relate to media sampling, regulatory analysis, permitting, and data analysis.
- A desire to participate in a dynamic work environment with competing deadlines and combination of desk and field work.

### COMPENSATION

The salary range is based on academic rank, academic discipline, and prior experience.

### HOURS

8:30 a.m. – 5:00 p.m.

Monday through Friday

Actual schedule will be determined upon hiring.

- The ability to be highly motivated, self-starting and seeking a future career in a safety profession.
- Ability to assist in difficult situations and keep composure and confidence.
- Excellent written and oral communication skills.
- Attention to detail and willingness to participate in documenting of reviews, walkthroughs and meetings.

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# OCCUPATIONAL HEALTH AND SAFETY INTERNSHIP

## POSITION AVAILABLE

**FOCUS** Industrial Hygiene

**DIVISION** Worker, Safety, and Environment

**TIMING** Summer

Argonne National Laboratory, one of the U.S. Department of Energy's (DOE) major research centers, is pleased to announce opportunities for college and university graduate and undergraduate students to participate in the Laboratory's ongoing programs.

### ABOUT THIS INTERNSHIP

This team partners and collaborates with all personnel to accomplish Argonne's mission safely by offering the following services:

- Assisting and advising Argonne's personnel with their responsibility to implement Argonne's Occupational Health and Safety (OH&S) Policies and Procedures.
- Interpreting Federal, State and Local OH&S regulations and consensus standards related to WSH and applying them as appropriate to the execution of Argonne's mission.
- Developing and maintaining Lab-Wide OH&S policies and procedures to meet the requirements of our DOE contract.

These services are handled by personnel who specialize in at least one of two disciplines referred to as: (1) Occupational Safety Services, (2) Industrial Hygiene Services.

### STUDENT REQUIREMENTS

**Students seeking to apply to any of the ESH internship positions should have the following qualifications:**

- Currently enrolled in occupational safety and health or radiological protection related program (ABET accredited preferred) full time and seeking a degree in an occupational safety and health or radiological protection field. Master students are eligible to apply.
- Completed one year of schooling and maintain a grade point average of 3.0 on a 4.0 scale.

**Additionally, students seeking this opportunity should show in their application:**

- A desire to learn about the broad disciplines of occupational safety and health such as occupational medicine, safety training, and safety information system, etc.
- A desire to participate in a dynamic work environment with competing

### COMPENSATION

The salary range is based on academic rank, academic discipline, and prior experience.

### HOURS

8:30 a.m. – 5:00 p.m.

Monday through Friday

Actual schedule will be determined upon hiring.

deadlines and combination of desk and fieldwork.

- Their ability to be highly motivated, self-starting and seeking a future career in a safety profession.
- Ability to assist in difficult situations and keep composure and confidence.
- Excellent written and oral communication skills.
- Attention to detail and willingness to participate in documenting of reviews, walkthroughs and meetings.

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# PROFESSIONAL CAREER INTERNSHIP PROGRAM

## HEALTH PHYSICS INTERN

**DIVISION** Radiological Protection

**TIMING OF INTERNSHIP** Summer 2025

The Radiological Protection Division is devoted to protecting workers, members of the public, and the environment from hazards due to exposure to radioactive material. Our staff is concerned with the recognition, evaluation, and control of radiological hazards to permit the safe use and application of ionizing radiation at Argonne. Interns will learn how to provide operational health physics support that includes planning radiological work and implementing radiation protection standards and best practices.

### ABOUT THE INTERNSHIP

The following skills will be developed:

- Learn how to evaluate radiological hazards and implement appropriate controls through the development of a radiological work permit.
- Learn to use computer applications in dosimetry, shielding, and spectrometry.
- Learn to implement ALARA principles in radiological work.
- Acquire knowledge and hands-on training on the use of state-of-the-art health physics instrumentation to perform measurement and analysis of ionizing radiation.
- Shadow health physics personnel in all support areas on site to understand the unique hazards and challenges.

### STUDENT REQUIREMENTS

Students applying for this internship must meet the following qualifications:

- Currently enrolled in a nuclear engineering, health physics, or physics program (ABET accreditation preferred) full-time. Graduate students are eligible to apply.
- Completed one year of schooling with a grade point average of 3.0 on a 4.0 scale.
- Must be at least 18 years old at the beginning of the internship.
- Must be a U.S. Citizen or Legal Permanent Resident at the time of application.
- Must pass a drug screening test upon offer acceptance.

### COMPENSATION

The salary range is based on academic rank, academic discipline, and prior experience.

### DETAILS

Monday through Friday

This is an on-site position.

Actual schedule and project assignment will be determined upon hiring.

### DESIRED SKILLS

- Proven oral and written skills to effectively communicate technical information to workers and management.
- Ability to develop interpersonal relationships with researchers and field support personnel.
- Knowledge of the following:
  - Health physics/radiation protection theory and practice
  - Measurement and analysis techniques for ionizing radiation and radioactivity
  - ALARA principles
  - Radiation protection standards
  - Biological effects of radiation

### FOR MORE INFORMATION

Visit Educational Programs at  
[www.anl.gov/education](http://www.anl.gov/education)

### TO APPLY

Scan QR code or  
[complete the online application.](#)

