



Student Opportunities and Next Steps

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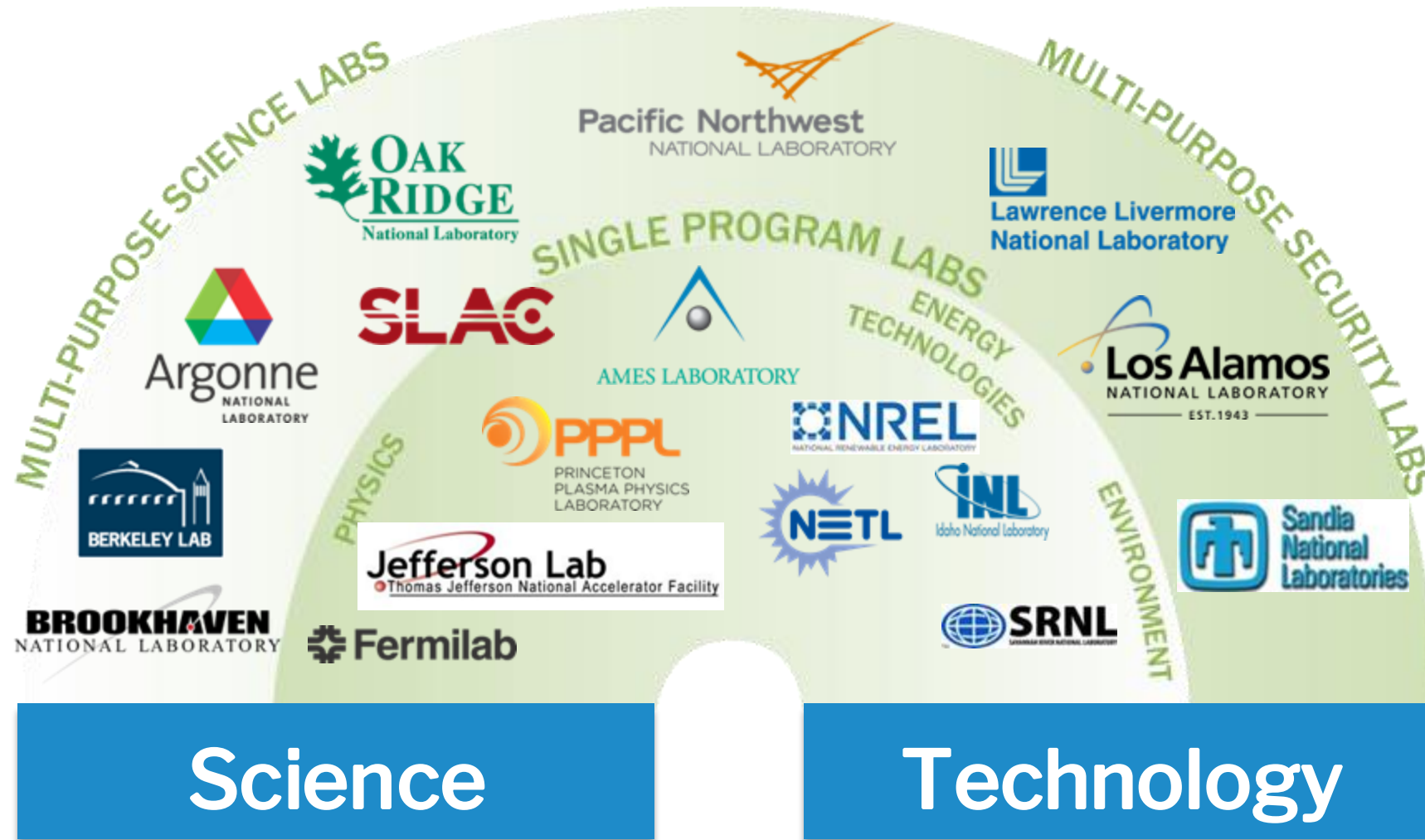
August 15, 2025

U.S. DEPARTMENT OF ENERGY

National Laboratories



Various Research Conducted:



National Lab Internships

DOE LAB INTERNSHIP EXPERIENCE

Why do a National Lab Internship?

ACADEMIC ENHANCEMENT

Apply academic knowledge to real world challenges

Develop unique scientific knowledge, skills and techniques.

Work collaboratively on a scientific team

PROFESSIONAL EXPERIENCES

Build workplace skills and knowledge

- Professional Communication
- Building Your Personal Brand
- Professional Poster/Oral Presentation
- Lunch with a Researcher

SOCIAL ENGAGEMENT

Events and experiences to network and bond outside of work

- Game Nights
- Team Bingo
- Student Connects
- Movie Nights

SCIENCE IDENTITY

Develop a sense of belonging in the STEM community

Gain confidence in your abilities to do STEM

Build a network of champions and advisors

DOE Internships: SULI & CCI

Funded by Department of Energy

SULI – Science Undergraduate Laboratory Internship

CCI – Community College Internship

- **Year round**
 - Summer (10 weeks); Fall and Spring (15 weeks)
- Application allows you to apply to two (2) **DOE national laboratories**
- Conduct DOE mission science research or technical work
- **Paid by stipend:** \$650/week plus \$250/week housing allowance
- Eligible for **on-site housing**

Application opens for Summer 2026: October 15, 2025

Application due for Summer 2026: January 7, 2026

Office of Science Graduate Student Research (SCGSR) Program

Funded by Department of Energy

- Provides funding for graduate students to pursue part of their thesis research at a DOE national lab/facility in collaboration with a DOE researcher
- Participants spend 3-12 months working with DOE researcher on proposed project
- Participants receive a monthly stipend on top of their graduate school stipend to cover living expenses while at DOE lab

**Application due
for Summer
2026 Projects:
November 5,
2025**

Computational Science Graduate Fellowship

Funded by Department of Energy

- Seeking senior undergrads and 1st year doctoral candidates looking to pursue PhD in computational science field
- Participate in at least one 12-week **summer practicum** experience at a national lab
- Attend annual program review with current fellows, alumni, and DOE lab staff each summer in DC
- Annual stipend of \$45,000/year for three years + tuition to support PhD studies

**Application due
for 2026-2027
Cohort:
January 22,
2026**

ORNL Pathways To Computing Program (PCIP)

- **Hands-on Experience in Computing** – A 10-week summer internship for **undergraduates** where students work on real-world projects in computer science, high-performance computing (HPC), system administration, AI, QC and more
- **Access to Cutting-Edge Technology** – Participants get exposure to ORNL's world-class computing resources, including Frontier , one of the most powerful supercomputer in the world
- **Encouraging a vibrant intuitional engagement** – The program encourages **ALL** qualified candidates to apply – **no citizenship requirement.**
- **<https://education.ornl.gov/pcip/>**



ORNL Internships Page

- 10–12 week full-time summer experiences
- 16–20 week spring or fall:
 - on-site or remote
 - either full or part time (if enrolled in full course load)
- Offered for
 - Graduate students
 - Undergraduates
 - High School students
- Most programs open applications for summer in January or February



<https://education.ornl.gov>

Internship opportunities at NERSC / Berkeley Lab

- [Berkeley Lab Internships](#): includes community college, undergraduate, graduate, and faculty opportunities
- [Computing Sciences Area internships and visiting faculty employment](#): specific to the Computing Sciences Area at Berkeley Lab (which includes NERSC, two research divisions, and ESnet)
- [NERSC Postdoctoral programs](#): includes NERSC postdoc program as well as prestigious named fellowships in the computing sciences
- [NERSC Summer internship projects](#): early in the year, NERSC posts possible summer internship projects online. Contact the PI with your interest

ARGONNE INTERNSHIP: SIP

Funded by Argonne

SIP – Seasonal Intern Program

- **Year round**
 - Summer (10 weeks); Fall and Spring (15 weeks)
- This program is **only at Argonne**
- Can be **undergraduate or graduate**
- Conduct research on a scientific team with multiple projects
- **Paid by stipend:** \$650/week plus \$250/week housing allowance
- Eligible for **on-site housing**

**Application
opens for
Summer 2026:
November 1,
2025**

**Application due
for Summer
2023:
February 28,
2026**

Research Aide & Professional career intern

Student Employment

- **Positions for undergraduate and graduate students** to perform assigned specific tasks to support a group or division's research or operational needs
- Students can **generally apply** or can **apply for specific listed positions**
- **Students earn a salary** and are expected to possess skills and knowledge required to do the work when they arrive
- Appointments can be summer-only or year-round.
- **Participation is open to non-U.S. citizens**

Student employment is more flexible than internships: students can work short-term or long-term appointments and work part-time or full-time hours as their university schedule demands.

Applications are always open. To start in Summer 2026, apply between October and March for the best consideration.

Next Steps after Bootcamp

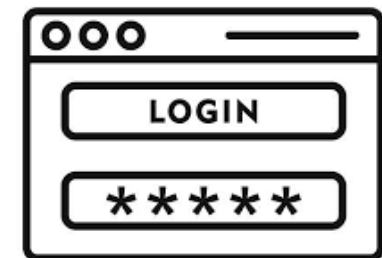
Perlmutter Access

- NERSC accounts will remain active through January 20, 2026
- Intro to HPC allocation (m4388) will remain available to run jobs through January 20, 2026



Stipend Next Steps

- For those who submitted **W8** tax form:
 - Stipend checks will be sent via mail in the next few weeks
- For those who submitted information on **Workday**:
 - Ensure you have submitted tax information on Workday
 - Shared banking information? Stipend will be sent via direct deposit
 - Didn't share banking information? Stipend will be mailed via check
- Trouble logging on to Workday?
 - Find me or Kristy during lunch today, Aug 15



Project Materials

- **GitHub:** All presentations, Jupyter notebooks, and project-specific materials will be uploaded to the [Intro to HPC Bootcamp Github](#)
- **Website:** All presentations and video recordings will be uploaded to the [Intro to HPC Agenda](#)



Staying Connected

- **Slack**

- Will still be active after bootcamp
- Warning: messages will begin to disappear after 90 days

- **LinkedIn**

- Intro to HPC Alumni

- **Intro to HPC Listserv**

- Subscribe for emails about future bootcamp and internship opportunities



Subscribe for Intro to HPC Announcements

Announcements related to the Introduction to High-Performance Computing Bootcamp are sent via the mailing list. Emails will be sent when the call for applications opens and if there are any updates to the deadlines.

Subscribe



Thank you!



Post-Bootcamp Evaluation



<https://forms.office.com/g/R24tnR4aqk>

Share your photos!

