Inspiring and preparing the next generation of scientists, engineers, technologists, and STEM professionals, Berkeley Lab Workforce Development & Education (WD&E) offers a range of programs for undergraduate, postbaccalaureate, graduate students, and faculty.

To find out more about WD&E and our programs, go to education.lbl.gov
Our Approach

Programs are developed and executed according to Core Requirements and Model Practices established by the Department of Energy (DOE), Office of Science, Workforce Development for Teachers and Scientists (WDTS). For more information: https://science.osti.gov/wdts

WD&E programs align with the 2018 Committee on STEM Education (CoSTEM) 5-Year Plan on STEM Education of the National Science and Technology Council, Executive Office of the President of the United States.

WD&E PROGRAMS
BLUFF Berkeley Lab Undergraduate Faculty Fellowship
BLUR Berkeley Lab Undergraduate Research
CCI Community College Internship
EERE Energy Efficiency & Renewable Energy
GEM Graduate Degrees for Minorities for Engineering and Science
MLEF Mickey Leland Energy Fellowship
SCGSR Office of Science Graduate Student Research
SOAR Soar for Youth
STEM CORE
SULI Science Undergraduate Laboratory Internship
VFP Visiting Faculty Program

By the Numbers: 2022

Total Number of Interns: 101

Internship Programs

SULI 45
BLUR 17
SOAR 1
VFP 16
CCI 13
STEM CORE 2
EERE 1

Academic Status

Senior 23
Junior 23
Sophomore 21
Post Baccalaureate 17
Faculty 11
Freshman 4
Graduate 2
High School 0

Male/Female Ratio

American Indian or Alaska Native <10
Native Hawaiian or Pacific Islander <10
Black or African American <10
Choose not to self identify <10
Two or more races <10
Hispanic or Latinx 19
Asian 32
White 37

Ethnicity by Division

American Indian or Alaska Native
Native Hawaiian or Pacific Islander
Black or African American
Choose not to self identify
Two or more races
Hispanic or Latinx
Asian
White

Enrichment Activities & Deliverables

Spring, Summer, Fall Sessions 2022

Papers 86
STEM/Networking Activities 34
Posters 85

Science Areas

Physical Sciences 30
Computing Sciences 27
Energy Sciences 15
Earth & Environmental Sciences 10
Energy Technologies 7
Biosciences 11
Operations 1

Number and Percentage of Interns

30% 27% 15% 10% 7% 11% 1%

Internship Programs by Division

Accelerator Technology & Applied Physics (5)
Advanced Light Source (2)
Applied Mathematics and Computational Research (2)
Biological Systems & Engineering (2)
Building Technologies & Urban Systems (2)
Chemical Sciences (1)
Climate & Earthsystem Science (1)
Cosmology Road (1)
Cranes & Cranes (1)
DOE Joint Genome Institute (1)
Energy Analysis & Environmental Impacts (2)
Energy Geoscience (1)
Energy Storage & Distributed Resources (3)
Engineering (3)
Environmental Genomics & Systems Biology (2)
Environment Health & Safety (1)
Facilities (1)
Human Resources & Workforce Diversity (1)
Information Technology (1)
Materials Sciences (1)
Molecular Biology & Biotechnology (1)
Molecular Foundry (1)
National Energy Research Scientific Computing Center (1)
Nuclear Science (1)
Office of the Chief Financial Officer (1)
Physics (1)
Project Management Office (1)
Protective Services (1)
Scientific Computing (1)
Scientific Computing (1)

Notes:
†Does not include SCGSR interns.

Largest number of Community College Interns & Visiting Faculty Collaborators of all DOE National Labs.

28.7% of the participants are Underrepresented Minorities (URMs) American Indian or Alaska Native, Black or African American, Hispanic or Latinx, Native Hawaiian or Pacific Islander, and two or more races
The interns I had the opportunity to supervise at Berkeley Lab have always had great motivation and a strong desire to learn. Some of the small research projects sometimes have led to whole new areas of inquiry — and it’s always an immense pleasure to see them thrive, get accepted in grad school and become scientists in their own rights. — Antoine Wojdyla, Research Scientist, Advanced Light Source, Berkeley Lab.

Berkeley Lab is one of the TOP 5 LARGEST NATIONAL LABORATORY PROGRAMS in the DOE Office of Science Workforce Development for Teachers and Scientists.
"This was a phenomenal experience that made me realize that I belong to science, as well as gave me confidence in the potential I have as a biochemist/molecular biologist. It was an honor being an intern at Berkeley Lab."

— Dabne Herrera Huerta
Fall 2022

Our Interns Come from Across the US

23% of Interns are repeat participants

<table>
<thead>
<tr>
<th>Science Areas</th>
<th>Number and Percentage of Interns</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computing Sciences</td>
<td>145 23%</td>
</tr>
<tr>
<td>Physical Sciences</td>
<td>136 21%</td>
</tr>
<tr>
<td>Energy Sciences</td>
<td>109 17%</td>
</tr>
<tr>
<td>Earth &amp; Environmental Sciences</td>
<td>90 14%</td>
</tr>
<tr>
<td>Energy Technologies</td>
<td>64 10%</td>
</tr>
<tr>
<td>Biosciences</td>
<td>73 11%</td>
</tr>
<tr>
<td>Operations</td>
<td>21 3%</td>
</tr>
</tbody>
</table>

*Does not include SCGSR interns.