



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



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.



lbl.gov

science.osti.gov/wdts

Berkeley Lab
Workforce Development & Education

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



Enrichment Activities & Deliverables

Spring, Summer, Fall Sessions 2022



Papers
86



STEM/Networking Activities
34



Posters
85

Science Areas

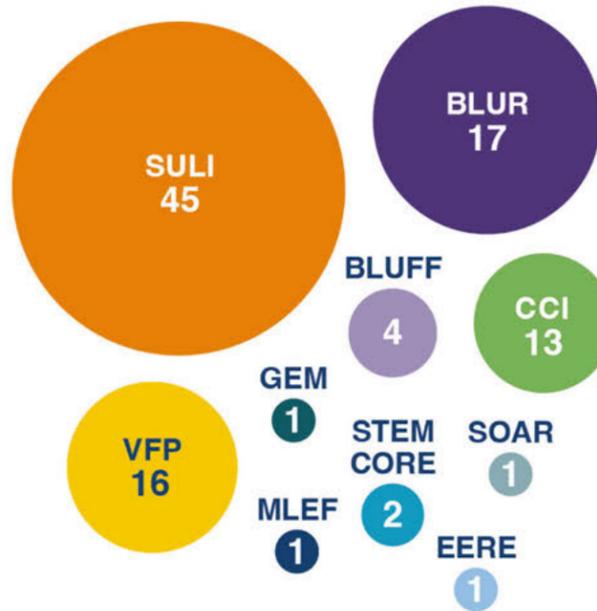
Number and Percentage of Interns*

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

Total Number of Interns: 101

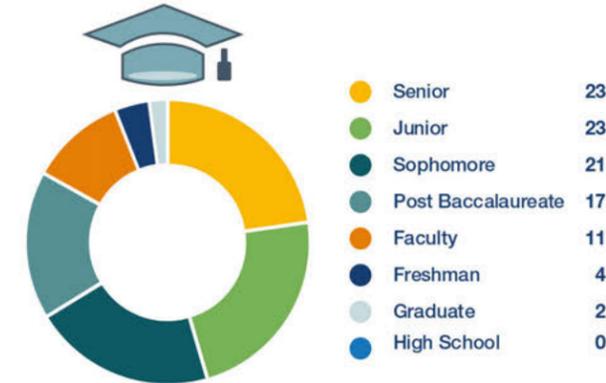
Internship Programs

Number of Interns

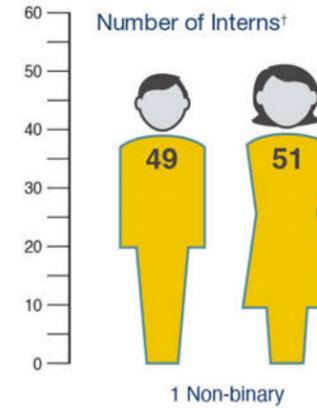


Academic Status

Number of Interns*

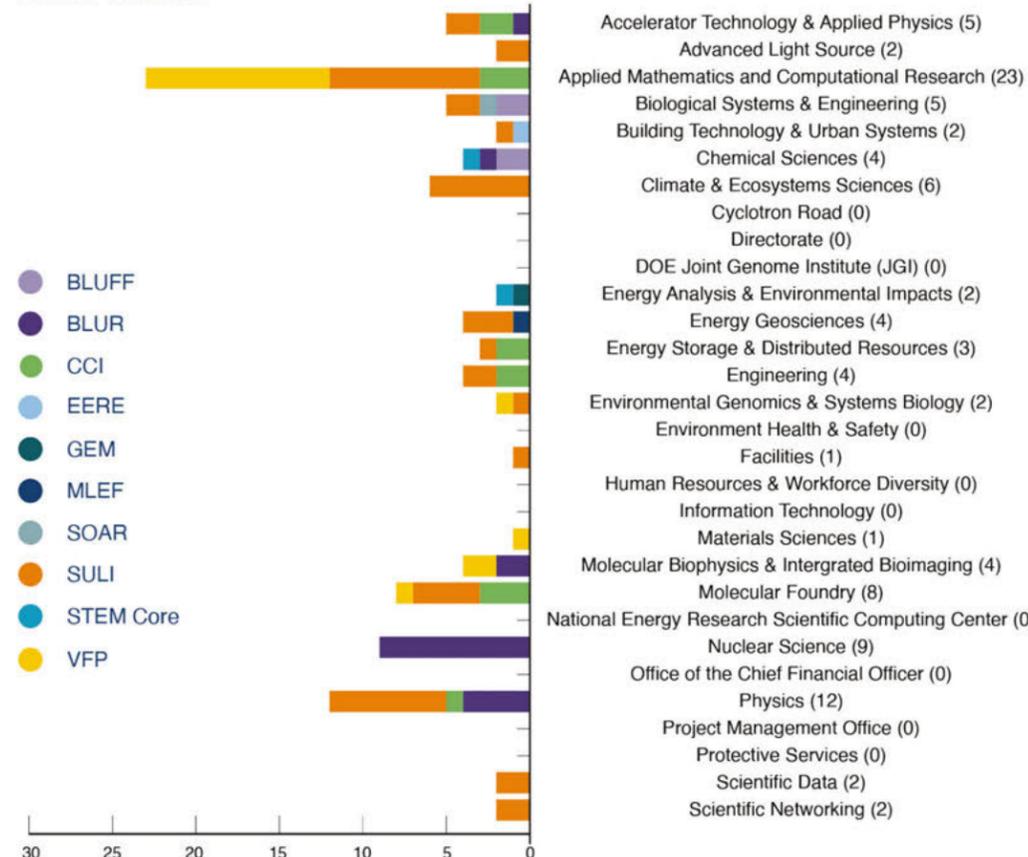


Male/Female Ratio



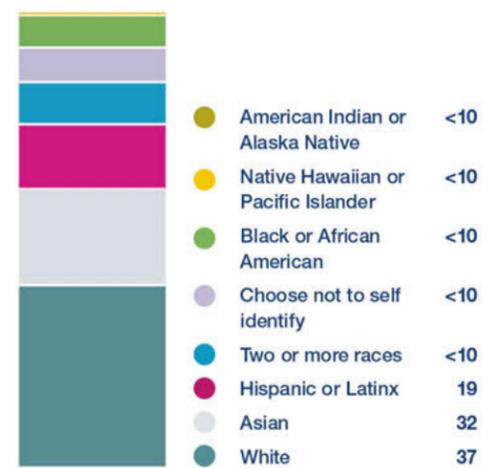
Internship Programs by Division

Number of Interns



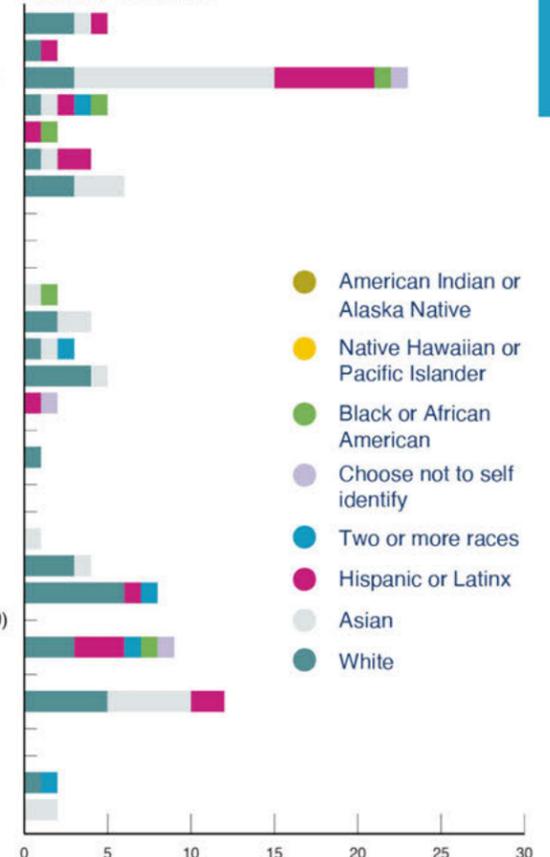
Ethnicity

Number of Interns*



Ethnicity by Division

Number of Interns*



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

By the Numbers: 2022

*Does not include SCGSR interns.

Berkeley Lab

Workforce Development & Education

Berkeley Lab is one of the **TOP 5 LARGEST NATIONAL LABORATORY PROGRAMS** in the DOE Office of Science Workforce Development for Teachers and Scientists

“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.”

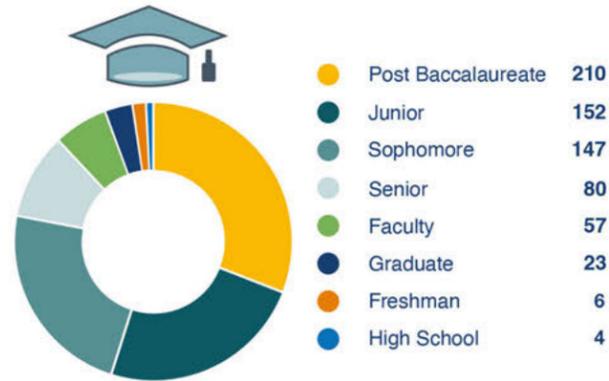
— Antoine Wojdyla,
Research Scientist
Advanced Light Source



Total Number of Interns 2018 – 2022: **638**

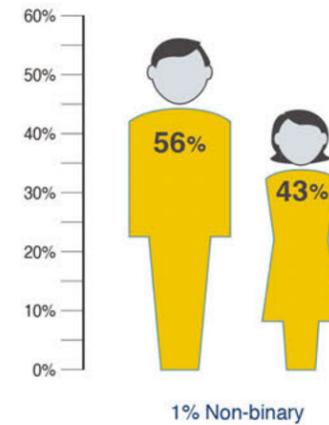
Academic Status

Number of Interns[†]



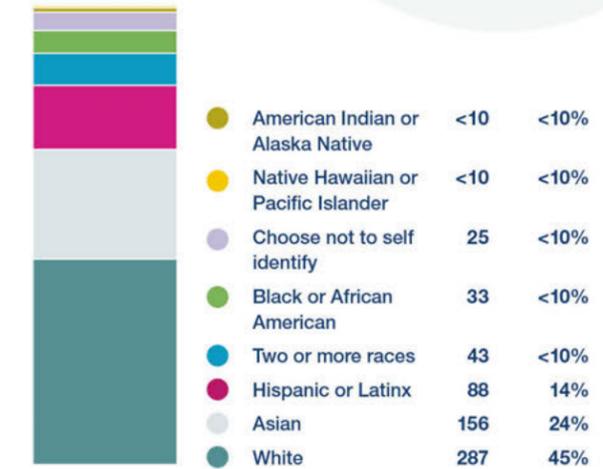
Male/Female Ratio

Percentage of Interns[†]



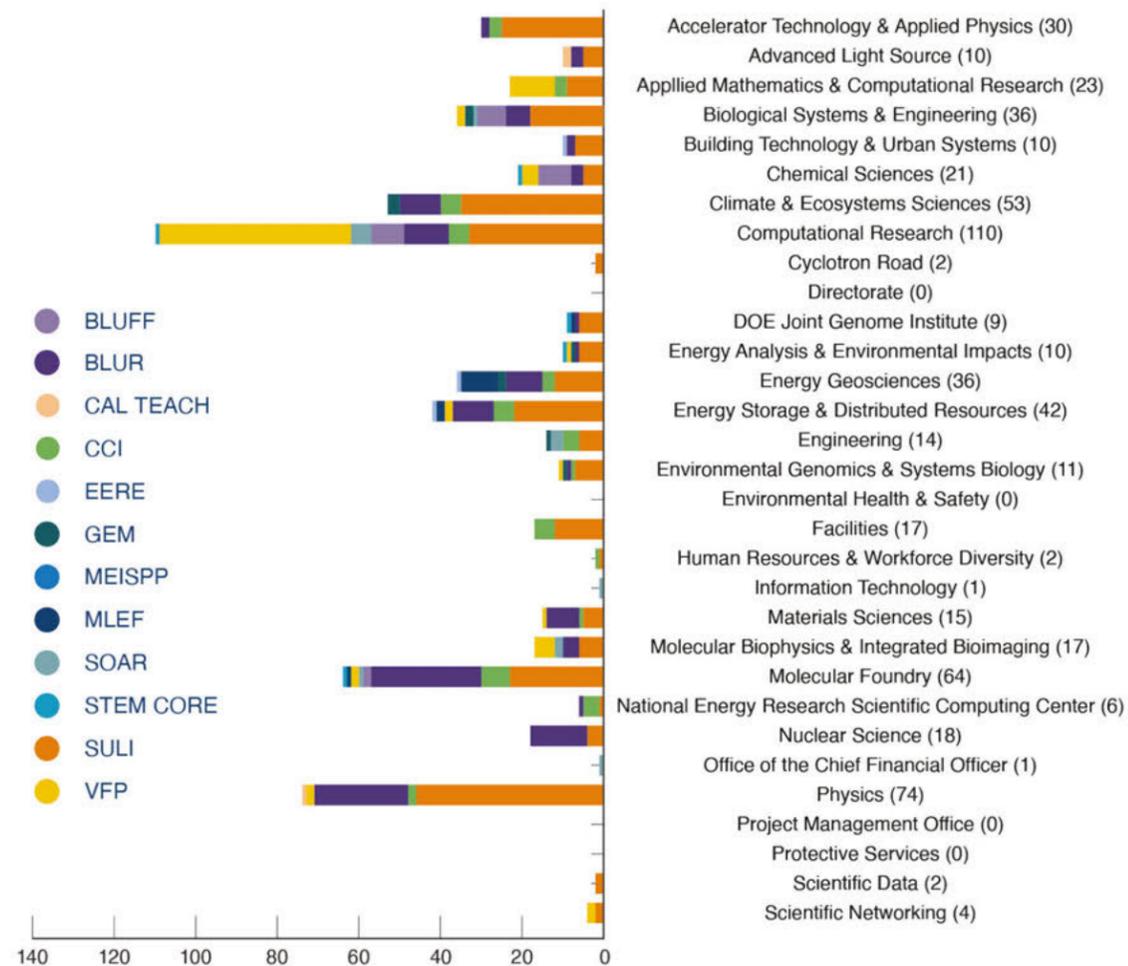
Ethnicity

Number and Percentage of Interns[†]



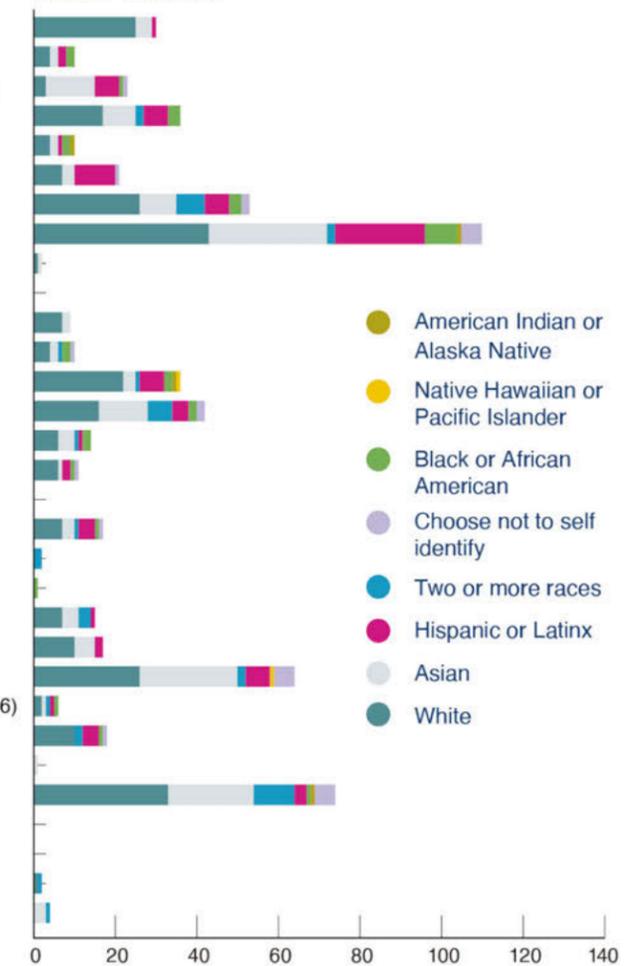
Internship Programs by Division

Number of Interns



Ethnicity by Division

Number of Interns[†]



[†]Does not include SCGSR interns.

By the Numbers: 2018 – 2022

26.7%

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

Our Interns Come from Across the US

23%
of Interns are repeat participants

456
Mentors participated from 2018 – 2022

- 2 Year Community Colleges 44
- 4+ Year Universities 169
- Home Cities* 355



* Not shown: Ahmedabad, India

240
Conversions to hired positions from 2018 – 2022

“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



Enrichment Activities & Deliverables

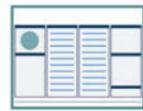
Spring, Summer, Fall Sessions 2018 – 2022



Papers
569



STEM/Networking Activities
163



Posters
556



Science Areas

Number and Percentage of Interns¹

Computing Sciences	Physical Sciences	Energy Sciences	Earth & Environmental Sciences	Energy Technologies	Biosciences	Operations
145	136	109	90	64	73	21
23%	21%	17%	14%	10%	11%	3%



The WD&E Team
Shown from left to right:
Top: Colette Flood, Laleh Coté, Nakeiah Harrell
Middle: Joe Crippen, Janique Ernest, Ingrid Ockert
Bottom: Brianna Wright, Julio Jaramillo, Ernesto Herrera Jr.

¹Does not include SCGSR interns.