



25-YEAR SURVEY

# Careers in Science Intern Program

Launched in 1996, Careers in Science (CiS) is the Academy's signature STEM education and workforce development program for San Francisco high school students who come from communities historically excluded from science, technology, engineering, and mathematics (STEM) fields. In a paid position that lasts two to three years, CiS interns gain a robust set of skills through specialized training, research in the field and lab, mentorship from STEM professionals, and opportunities to teach visitors on the museum's public floor. In 2022, the Academy received a White House Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) in recognition of the program.

## **Careers in Science strives to:**

- » Diversify and expand the nation's STEM workforce
- » Foster educational and career success for youth
- » Increase STEM literacy and environmental stewardship

## **Learn Science**

- » Interns learn from STEM professionals through presentations and hands-on activities in the classroom, field, and lab.
- » Interns participate in learning experiences focused on STEM topics that interest them.

## **Teach Science**

- » Interns engage thousands of museum visitors annually by designing and leading educational activities on the public floor.
- » Interns develop confidence while strengthening their science communication and public speaking skills.

## **Do Science**

- » Interns conduct primary research and contribute to community science projects.
- » Interns are mentored by Academy scientists and educators to develop workforce skills and gain exposure to diverse STEM careers.

# Impacts and Outcomes (from CiS alumni surveyed)

In 2021, we surveyed almost 100 CiS alumni from the past 25 years.  
Our goal was to measure the impacts of the program. Here's what we found.

## Higher Education

**98%**

enroll in a 2- or 4-year college or university after high school

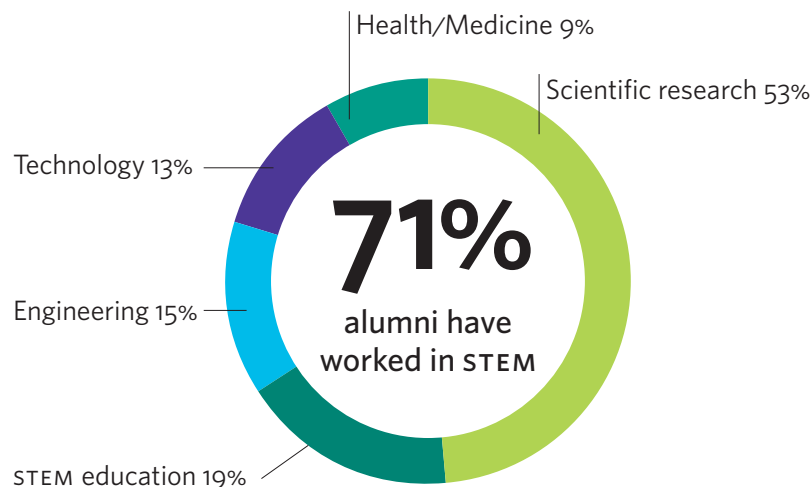
**95%**

earn a college degree; of these, 70% earn a degree in STEM

**4x**

more likely than the national average to earn a STEM degree

## STEM Careers\*



## STEM Subjects Studied by Alumni\*

Biology 38%

Environmental Science 22%

Chemistry 11%

Psychology 11%

Engineering 9%

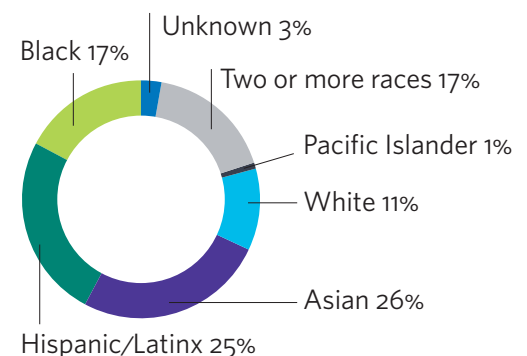
Health/Medicine 9%

Other STEM 10%

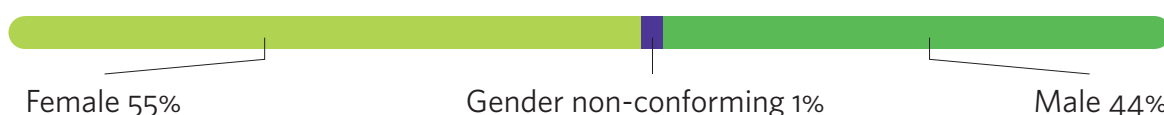
## Impacts

- 100%** said CiS increased their knowledge of science
- 99%** said CiS taught them useful workplace skills
- 94%** agree that they know how to think like a scientist
- 92%** said CiS helped prepare them to get a job in STEM
- 91%** said CiS helped them get into college
- 86%** said CiS increased their desire to work in STEM

## Racial/Ethnic Identity



## Gender Identity



\*Some respondents submitted multiple answers; total may exceed 100%.

## Careers in Science Interns



To learn more about the Careers in Science Intern Program, visit [calacademy.org/interns](http://calacademy.org/interns) or email [interns@calacademy.org](mailto:interns@calacademy.org)

