



## CAREERS IN SCIENCE INTERN PROGRAM

Founded in 1996, the Careers in Science program employs teens from San Francisco who are historically underrepresented in science, technology, engineering, and mathematics (STEM) fields. Through a multi-year, year-round science education and youth development program, Careers in Science trains and inspires the next generation of scientists.

Interns learn, teach, and conduct science during their 2-3 year internship. This is all done with a youth and workforce development philosophy.



### LEARN SCIENCE

- » Interns learn from Bay Area professionals through a series of presentations and activities about STEM careers and emerging technologies.
- » Interns receive over 50 hours a year of career awareness training, college application support, and financial literacy workshops.
- » Interns complete semester-long, project-based learning projects on STEM topics of interest to them.

### TEACH SCIENCE

- » Interns lead over 80,000 educational engagements with museum visitors each year, using 8 different science demonstrations that they create themselves.
- » Interns build science communication skills, confidence, and public speaking skills.

### CONDUCT SCIENCE

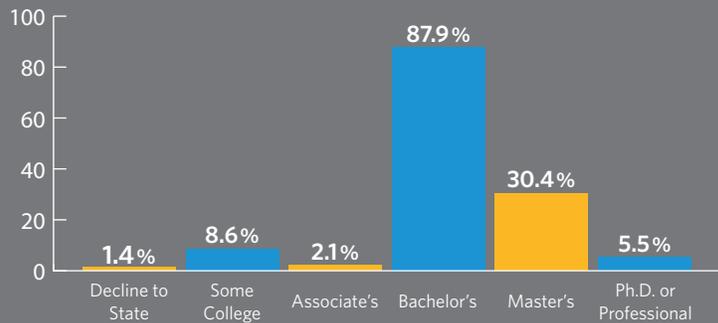
- » Interns learn how to do science by engaging in citizen science projects, conducting biodiversity surveys, and completing research projects.
- » Interns are mentored by the Academy's Institute for Biodiversity Science & Sustainability scientists, Steinhart Aquarium biologists, and Academy engineers.

# IMPACTS AND OUTCOMES

In 2016, we surveyed alumni from the past 20 years of the program. Our goal was to measure the impacts of the program. Here's what we found.

## HIGHER EDUCATION

**98%** of alumni enrolled in a college or university after high school. **90%** of alumni earned a college degree. Of those who graduated college, **61%** graduated with a STEM related major.



Awarded College Degrees

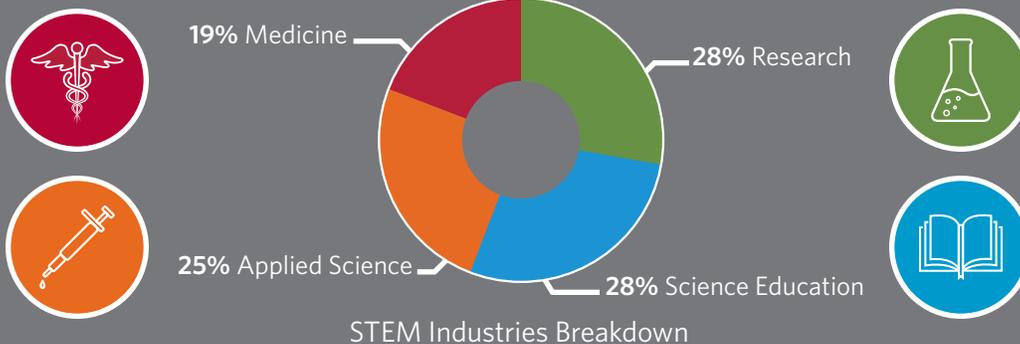
Alumni are nearly

# 3x

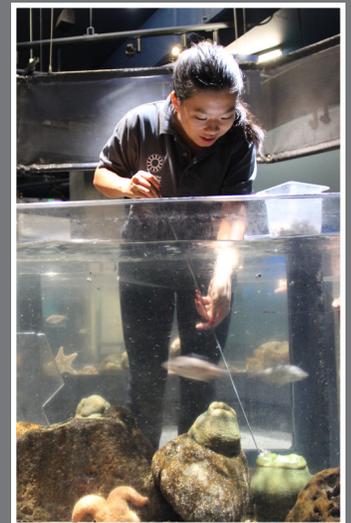
more likely to declare a STEM major than the national average for all STEM majors.

## STEM CAREERS

Of the alumni who are post-college, **70%** have or have had a STEM related career.



STEM Industries Breakdown



## IMPACTS

In a recent survey of alumni, respondents reported the following:

**93%** said participation in the program increased their interest in science.

**82%** continue to keep in touch with their peers/colleagues from the program.

**95%** agree with the statement "I feel like a scientist at heart."

**93%** agree with the statement "I have the ability to become a scientist."

## LEARN MORE

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

California Academy of Sciences

### Careers in Science Interns

