

# SUMMER OPPORTUNITIES BOOK

**2025**

H I S P A N I C  
F O U N D A T I O N  
C O L L E G E S U C C E S S  
P R O G R A M S

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Opportunities Book

At the Hispanic Foundation of Silicon Valley, we understand that academic exposure and information are often scarce within our Latino community. This **Summer Opportunities Book** aims to bridge the gap between our young scholars and the STEM-related internships, camps, and research opportunities at their disposal. Our team has researched programs for both high school and college students, as we understand the importance of early STEM exposure. In this **Summer Opportunities Book**, you'll find opportunities at the local, state, and national level for you to explore and apply to. While these opportunities may be highly-competitive, we encourage all students to apply and being practicing good habits as they prepare for their post-secondary academic careers or to enter the work force.

# High School Inclusive



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## SHTeM: Summer Internships for High Schoolers and Community College Students

**Program Dates:** To be announced

**Application Deadline:** To be announced

**Program Description:** 8-week long program intended to provide early exposure to research transcending traditional disciplinary boundaries

**Focus:** STEM

**Institution:** Stanford University

**Requirements:**

- Current a high school junior or senior OR a full-time community college student
- For more details, please see this link



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## ID Tech Python Camp: Intro to Coding & AI

**Program Dates:** June 16, 2025 - June 20, 2025

**Application Deadline:** Applications Open Now!

**Program Description:** Work alongside new friends and learn from expert tech instructors!

**Focus:** Machine Learning & AI Systems

**Institution:** Palo Alto High School

**Requirements:**

- Ages 13-17

# High School Inclusive



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## California State Summer School for Mathematics & Science (COSMOS)

**Program Dates:** To be announced

**Application Deadline:** February 7, 2025

**Program Description:** 4-Week summer residential Pre-College Program for high school students interested in STEM

**Focus:** Advanced STEM Topics

**Institution:** Various campuses such as UC Davis, UC Irvine, UC Los Angeles, UC San Diego, and UC Santa Cruz

**Requirements:**

- Students who have completed high school grades 8-12



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## Brown: Artificial Intelligence for Computational Creativity

**Program Dates:** June 2, 2025 - August 1, 2025

**Application Deadline:** February 3, 2025

**Program Description:** 9-week summer residential program bringing students to Brown to conduct original research with computer science faculty and graduate students

**Focus:** Creative Generative Models & AI Systems

**Institution:** Brown University

**Requirements:**

- Applicants must be current college students **OR**
- Applicants must be recent high school graduates who have been accepted at an undergraduate institution

# High School Inclusive



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## MIT: Women's Technology Program

**Program Dates:** June 28, 2025 - July 26, 2025

**Application Deadline:** January 15, 2025

**Program:** 4-week summer academic experience to introduce high school students to engineering through hands-on classes, labs, and team-based projects

**Focus:** Engineering

**Institution:** Massachusetts Institute of Technology

**Requirements:**

- Applicants must be high school students currently in Grade 11 (Juniors)

The UC Berkeley logo consists of the text 'UC Berkeley' in a blue, serif font, centered on a solid yellow rectangular background.

UC Berkeley

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## Berkley: Summer Programs for Teens

**Program Dates:** Varied dates per session

**Application Deadline:** February 23, 2025 (First Wave) and April 20, 2025 (Second Wave)

**Program Description:** 2-Week program with creative, dynamic instructors, engaging professors, and professional experts

**Focus:** Computer Science, Robotics, Fundamentals of Engineering, Intro to Python

**Institution:** UC Berkeley

**Requirements:**

- Applicants must be high school students currently in Grade 11 (Juniors)

# High School Inclusive



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## Engineering Summer Academy at Penn (ESAP)

**Program Dates:** July 6, 2025 - July 26, 2025

**Application Deadline:** March 1, 2025

**Program Description:** 3-week program introducing students to hands-on practical experience in cutting-edge technologies

**Focus:** Engineering

**Institution:** University of Pennsylvania

**Requirements:**

- Applicants must have completed freshman year of High School
- Applications must be at least 15 years old at the start of the program



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## Stanford Institutes of Medicine Summer Research Program (SIMR)

**Program Dates:** June 9, 2025 - July 31, 2025

**Application Deadline:** February 22, 2025

**Program Description:** 8-week program in which high school students are invited to perform basic research on a medically-oriented project

**Focus:** Biological Sciences, Medicine

**Institution:** Stanford University

**Requirements:**

- Applicants must be high-school juniors or seniors
- Applicants must be 16 years of age or older

# High School Inclusive



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## Summer Academy for Math and Science (SAMS)

**Program Dates:** June 21, 2025 - August 2, 2025

**Application Deadline:** Preferred Deadline: February 1, 2025; Final Deadline: March, 2025

**Program Description:** 6-week in person program for students interested in STEM; includes classroom instruction, hands-on projects, and sustained engagement with world-renowned faculty and skilled staff members

**Focus:** STEM

**Institution:** Carnegie Mellon University

### Requirements:

- Applicants must be in either 11th or 12th grade
- Applicants must be 16 years of age or older by June 21, 2025



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## MITES Summer

**Program Dates:** Late June, 2025 - Early August, 2025

**Application Deadline:** February 15, 2025

**Program:** 6-week on-campus program that immerses students in life at MIT and allows students to participate in lab tours and social events

**Focus:** Math, science, and humanities courses (STEM)

**Institution:** Massachusetts Institute of Technology

### Requirements:

- Applicants must be high-school Juniors or Seniors
- Applicants must be 16 years of age or older



# High School Inclusive



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## Horizon Academic: Online Research Program

**Program Dates:** Starting June 16, 2025

**Application Deadline:** February 16, 2025

**Program Description:** 4-week online program that advises students in selecting a topic, conducting research, and crafting a research manuscript under the guidance of a professor or doctoral researcher

**Focus:** Research Skills

**Institution:** Horizon Academic

### Requirements:

- Applicants must be in high school



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## Summer High School Academic Program for Engineers (SHAPE)

**Program Dates:** Session 1: July 7, 2025 - July 25, 2025 and Session 2: July 28, 2025 - August 15, 2025

**Application Deadline:** December 18, 2025

**Program Description:** 3-week session for students interested in STEM

**Focus:** Engineering

**Institution:** Columbia University

### Requirements:

- Applicants must be rising sophomores, juniors, or seniors



# High School Inclusive



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## Michigan Math & Science Scholars

**Program Dates:** Session 1: June 22, 2025 - July 4, 2025; Session 2: July 6, 2025 - July 18, 2025; Session 3: July 20, 2025 - August 1, 2025

**Application Deadline:** To be announced

**Program Description:** 2-week session designed to introduce high-school students to current developments and research in the sciences

**Focus:** Scientific Research

**Institution:** University of Michigan

### Requirements:

- Applicants must be a high school rising Sophomore, Junior, or Senior



## SCU: Summer Engineering Seminar (SES)

**Program Dates:** To be announced

**Application Deadline:** January, 2025

**Program Description:** 5-Day immersion summer experience for highschoolers interested in engineering

**Focus:** Engineering workshops (lectures & interactive work)

**Institution:** Santa Clara University

### Requirements:

- Applicants must be a current high school Sophomore or Junior

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# High School Inclusive



Harvard  
Summer School  
HARVARD DIVISION OF  
CONTINUING EDUCATION

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## Harvard: Pre-College Summer School Program for High School Students

**Program Dates:** Varied across sessions

**Application Deadline:** January 8, 2025

**Program Description:** Intensive 2-week summer program designed to give a glimpse of college life. Live on Harvard campus while taking a college-level course with other students

**Focus:** Data Science with a focus on Visualization Course

**Institution:** Harvard

### Requirements:

- Applicants must be at least 16 years old by June 21, 2025, and will not turn 19 years old before July 31, 2025

# College Specific



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## Summer Undergraduate Research Fellowship (SURF)

**Program Dates:** June 21, 2025 - August 16, 2025

**Application Deadline:** February 1, 2025

**Program:** Fully funded, 8-week summer residential program that brings 30-35 students to the world of Stanford Engineering

**Focus:** Scientific Research & Engineering

**Institution:** Stanford University

**Requirements:**

- Applicants must be at least 18 years of age
- Applicants must be currently enrolled in a college or university

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**DARTMOUTH**

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## Academic Summer Undergraduate Research Experience (ASURE)

**Program Dates:** June - August, 2025

**Application Deadline:** To be announced

**Program Description:** 8-week long program providing valuable lab experience and research

**Focus:** Academic research

**Institution:** Dartmouth

**Requirements:**

- Applicants must be college students who have completed at least 2 semesters **OR**
- Applicants must have at least 1 semester remaining of their undergraduate education by the start of the program

# College Specific



## NYU: Summer Undergraduate Research Program

**Program Dates:** June 1, 2025 - August 2, 2025

**Application Deadline:** February 1, 2025

**Program Description:** Offers college students a chance to conduct hands-on biomedical research in collaboration with NYU faculty

**Focus:** Biomedical research

**Institution:** New York University

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### Requirements:

- Applicants must be students who have completed either their Sophomore or Junior year of college



## WAVE Fellows Program

**Program Dates:** June 17, 2025 - August 22, 2025

**Application Deadline:** January 10, 2025

**Program Description:** 10-week undergraduate research program that provides robust programming in areas of academic and professional development

**Focus:** STEM

**Institution:** California Institute of Technology

### Requirements:

- Current college sophomores, juniors, or non-graduating seniors

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# College Specific



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## Summer Undergraduate Program for Educating Radiation Scientists (SUPERS)

**Program Dates:** June 2, 2025 - August 8, 2025

**Application Deadline:** Applications Open December!

**Program Description:** 10-week summer research program that provides undergrads with an individualized science-based learning curriculum

**Focus:** Hypothesis-driven laboratory research

**Institution:** University of Pennsylvania

### Requirements:

- Applicants must be college students in the Summer following their Sophomore or Junior year



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## Summer Research Opportunity Program (SROP)

**Program Dates:** June 16, 2025 - August 8, 2025

**Application Deadline:** February 10, 2025

**Program Description:** 8-week competitive research experience

**Focus:** Science & Engineering

**Institution:** Northwestern University

### Requirements:

- Applicants must be college Sophomores and Juniors

# College Specific

MICHIGAN STATE  
UNIVERSITY

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## Doctoral Student Recruitment and Retention Program (DSRRP)

**Program Dates:** 10 Weeks, starting May 27, 2025

**Application Deadline:** February 28, 2025

**Program Description:** 10-week training program that allows students to participate in career development workshops and research

**Focus:** Reproductive biology & developmental sciences

**Institution:** Michigan State University

### Requirements:

- Applicants must be college Juniors or rising Seniors

USC Viterbi

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## USC Viterbi Summer Undergraduate Research Experience(SURE)

**Program Dates:** June 16, 2025- August 8, 2025

**Application Deadline:** February 2, 2025

**Program Description:** 8-week summer research program that provides undergraduate students with the opportunity to work on cutting-edge research projects

**Focus:** help students develop an understanding of research in engineering disciplines

**Institution:** University of Southern California

### Requirements:

- Applicants must be undergraduate students majoring in engineering, math, computer science, or hard science

# College Specific



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## Solar Manufacturing Internship for Leaders in Energy (SMILE)

**Program Dates:** 10 Weeks, tentative start date of June 2, 2025

**Application Deadline:** December 9, 2024

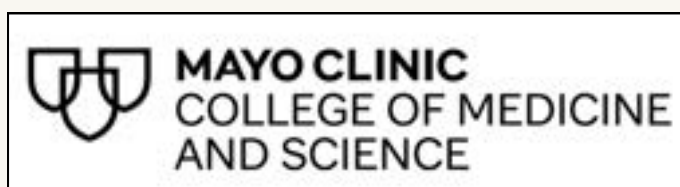
**Program Description:** 10-week opportunity for students from Minority Serving Institutions to intern at SETO portfolio companies

**Focus:** Solar energy technologies

**Institution:** Potential host sites will include solar energy manufacturing small businesses and nonprofits located across the U.S.

### Requirements:

- Applicants must be college undergraduates



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## Summer Undergraduate Research Fellowship (SURF)

**Program Dates:** May 27, 2025 - August 1, 2025

**Application Deadline:** February 3, 2025

**Program Description:** 10-week program for undergraduates wanting to build their skills as young scientists in a lab

**Focus:** Biochemistry, biomedical engineering, neuroscience, regenerative sciences

**Institution:** Mayo Clinic College of Medicine and Science

### Requirements:

- Applicants must be second or third year college undergraduates



# College Specific



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## MBARI's Summer Internship Program

**Program Dates:** June 9, 2025 - August 15, 2025

**Application Deadline:** February 28, 2025

**Program Description:** Provides college students and educators an opportunity to work directly with MBARI scientists, engineers, and communicators

**Focus:** Research & Development

**Institution:** Monterey Bay Aquarium Research Institute

### Requirements:

- Applicants must be current college students (Undergraduate or Graduate)



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## Monterey Bay REU Program

**Program Dates:** June 9, 2025 - August 17, 2025

**Application Deadline:** January 27, 2025

**Program Description:** 10-week program for students to develop hypothesis-driven projects and receive critical feedback from mentors

**Focus:** Research and Development workshops

**Institution:** Cal State Monterey Bay

### Requirements:

- Applicants must be Sophomore and Junior-level students at 2-year or 4-year institutions

# College Specific



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## JPL Summer Internship Program

**Program Dates:** Sessions start in May or June

**Application Deadline:** March 14, 2025

**Program Description:** 10-week Summer internship opportunities at JPL

**Focus:** STEM

**Institution:** Jet Propulsion Laboratory California Institute of Technology

### Requirements:

- Applicants must be currently enrolled undergraduate and graduate students
- Applicants must be pursuing degrees in science, technology, engineering, or mathematics



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## UCI: Summer Undergraduate Research Fellowship

**Program Dates:** June 23, 2025 - August 15, 2025

**Application Deadline:** Applications Open December!

**Program Description:** Offers students an opportunity to work closely with faculty on research projects

**Focus:** Research projects and graduate preparation workshops

**Institution:** UC Irvine

### Requirements:

- Applicants must be Undergraduate college Juniors or Seniors OR
- Applicants must be master's students interested in pursuing a Ph.D

# College Specific



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## Summer Systematics Institute 2025

**Program Dates:** May 27, 2025 - July 25, 2025

**Application Deadline:** January 31, 2025

**Program Description:** Participants will conduct research with their chosen advisor on a project relating to the discipline of the advisor and student

**Focus:** Research, lectures and lab exercises

**Institution:** California Academy of Sciences

**Requirements:**

- Applicants must be Undergraduate students who will not have graduated before the start of the Fall semester or quarter of 2025



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## Summer Undergraduate Program in Engineering Research at Berkeley (SUPERB) - Artificial Intelligence for Engineering

**Program Dates:** June - August 2025

**Application Deadline:** January 25, 2025

**Program Description:** Challenging summer research experience with lab tours and field trips

**Focus:** AI for engineering

**Institution:** UC Berkeley

**Requirements:**

- Applicants must be college Juniors and Seniors

# College Specific



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## UCSF Summer Research Training Program

**Program Dates:** June 1, 2025 - August 8, 2025

**Application Deadline:** February 1, 2025

**Program Description:** Offers summer research opportunities for undergraduate students in the health sciences

**Focus:** Research project, seminars, lectures, and social events

**Institution:** UC San Francisco

### Requirements:

- Applicants must be currently enrolled undergraduate students
-