



# SAGE Journey

Giulia Lanza, co-founder of the SAGE program

# What is The SAGE Journey?



The **SAGE** Journey





# SAGE Mission:

## *Science Accelerating Girls' Engagement*

The SAGE Mission is to engage curious and passionate students and empower them to explore a wide range of possibilities for their future.



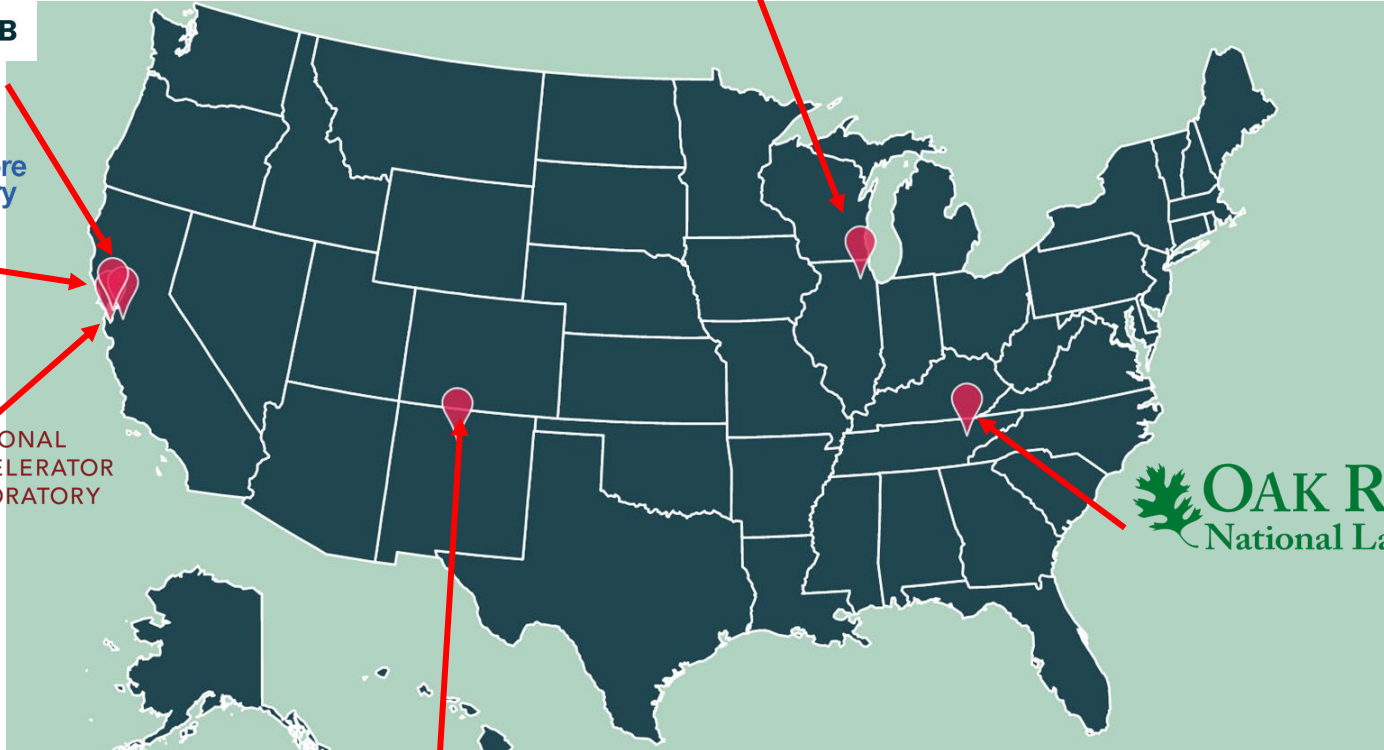
# Labs (MAP)

 **Fermilab**



 **BERKELEY LAB**

 **Lawrence Livermore  
National Laboratory**



**SLAC** NATIONAL  
ACCELERATOR  
LABORATORY

 **OAK RIDGE**  
National Laboratory

 **Los Alamos**  
NATIONAL LABORATORY

**SAGE**





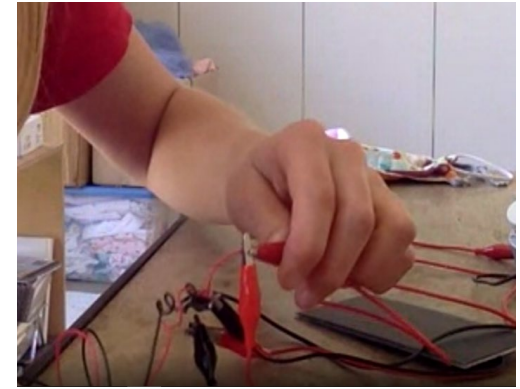
# SAGE Journey starts with a summer camp



**Informal chats with professionals**



**Tours of the National Lab**



**Hands-on experiences**



**Staying overnight at Stanford**



# Internships



*The primary goal of the program is to provide interns with a stimulating, real-world laboratory experience that focuses on **SKILL DEVELOPMENT.***

## **What is it?**

*Working with a mentor on a project*

## **Who is eligible?**

SAGE/SPCYW alumni

College Students (over 18 yrs old)

## **Where is it offered?**

SLAC (California) and LANL (New Mexico)

15 internships for Summer & Fall 2023







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# SAGE Camp Goals:



Provide students with a FREE one-week-camp where they will:

**Learn** about a typical day of National Laboratory scientist or engineer

**Create** the feeling of awe and **Develop** professional skills

**Connect** with peers that have similar interests and **become** a part of the SAGE community

See how STEM allows them to **explore** and balance many interests

Give them **experiences** to understand what a profession in STEM looks like



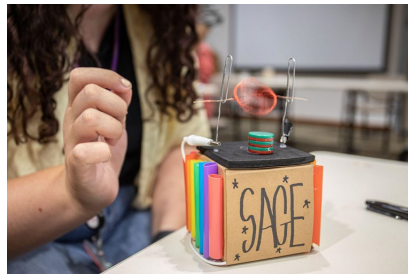
# Selection Process

- From public high school or homeschooled
- Entering 10th, 11th, and 12th grades in the Fall after the camp
- 250-500 word essay on two topics connected to SLAC needs and values
- Evaluation exposure to STEM (through parents, school, interests etc.)
- Adherence to the SAGE Mission





# In-person SAGE Camp activities



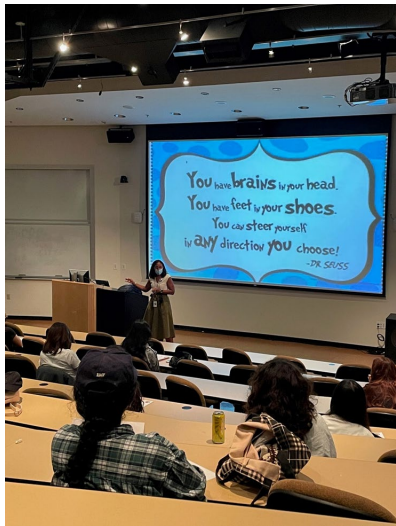
**Projects**



**Poster presentation**



**Stanford  
Observatory**



**Career talk**



**Job Shadowing**



**Tours**

# Post-camp activities

- **SAGE Live online events**
  - Career-related topics
  - New and emerging technologies
  - Internship information



**SAGE**  
LIVE

**Resume and Cover Letter**

Nov 13 | 10:30am PT, 11:30 MT

Writing a good and effective resume a cover letter are essential skills no matter what career path you choose.

Join us to learn how to put together a winning resume and cover letter.

**LIVE**

**SAGE**  
LIVE

Saturday, Sep 10  
10:30am Pacific, 11:30am Mountain  
12:30pm Central, 1:30pm Eastern

**College Planning and Applications**

Join us to learn about college planning and applications.

- Factors to consider
- Strategies to make your application stand out and more..

Hear from a College Student, a College Advisor and an Admissions Officer

**REGISTER via EVENTBRITE**

**LIVE**

**SAGE**  
LIVE

Feb 12, 2022  
10:30am PT, 11:30am MT

**Artificial Intelligence (AI) & Machine Learning (ML)**

**Is it in your future?**

On a typical day, you most likely use tools that make you interact with artificial intelligence and machine learning. What is the future outlook in this field?

Hear from Katie Schuman, Assistant Professor at University of Tennessee, and former research scientist at Oak Ridge National Lab..

**Register via Eventbrite**

**LIVE**

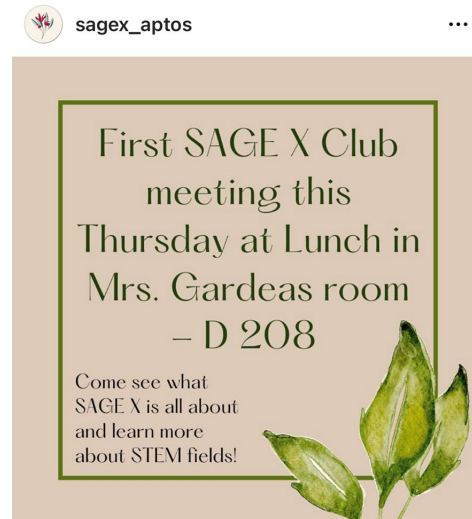


# Post-camp activities

- **SAGEx High School Clubs:**

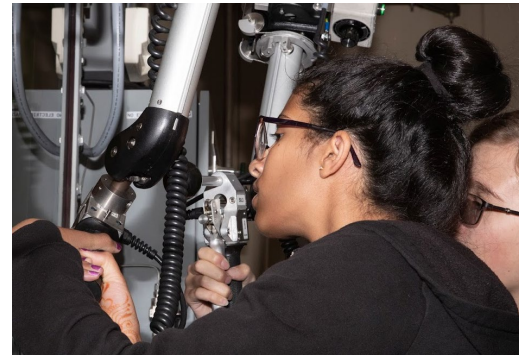
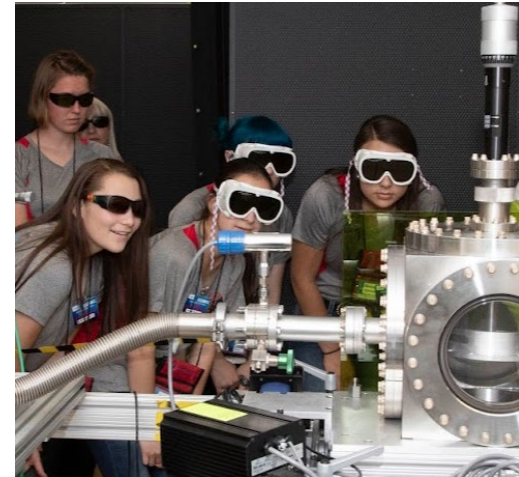
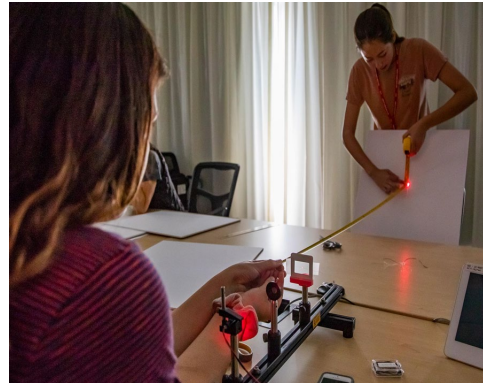
Funded by the SAGE alumni to share with their friends the learning opportunities offered by the SAGE Community

- SAGE coordinated
  - STEM Speakers
  - Lab visit/tour



# SAGE Internship Program

- For high school and/or college students
- Encourage SAGE alumni to participate to the existing DOE internship programs (SULI, CCI, LCLS, ...)
- 6-10 weeks paid internships over the summer or spread throughout the year
- Focus on skill development and professional growth
- Training provided to mentors





# Preparation for mentors



Mentors will be trained with a set of skill-building workshops, case studies, and experts lectures. They will be selected based on their consistent strong informal mentoring

Engineering critical



Managing expectations



Effective communication



Professional Growth



# Professional Development



## MISSCEO

This interactive and engaging workshop series is designed to help young women develop a robust leadership toolkit to achieve long-term professional growth and satisfaction.

**Workshop # 1:** The Significance of Leadership, Diversity, and Working in Teams

**Workshop # 2:** Effective Communication in the Workplace

**Workshop # 3:** Forging Relationships with Strategic Allies

**Workshop # 4:** Time Management

**Workshop # 5:** Stretching Yourself

**SAGE**



# Contact us

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## Find us on social media!

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