

# HIGH SCHOOL RESEARCH CLUB

**Age:** 15-18

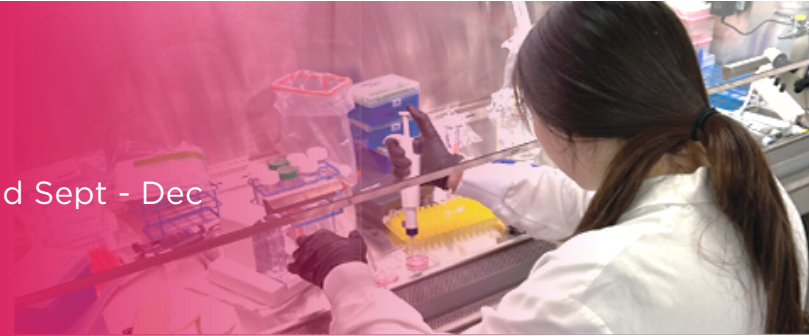
**Grade:** 9-12

**Duration:** 2 hours per week

**Dates:** Weekly on Saturdays, Jan - May and Sept - Dec

**Location:** Torrance, California

\$350 per month



## Contribute to an Authentic Neuroscience Research Project Year-Round

Graduates of the Research Training Program are invited to continue their summer research during the High School Research Club. Held weekly, the club offers a rare opportunity to engage in hands-on experiments and contribute to authentic research, year round. Participants work alongside professional scientists, gaining advanced skills for higher education, science fair research and laboratory internships.

### The High School Research Club Fosters the Following Research Skills:

- Research study design
- Literature research analysis
- Hypothesis formulation
- Experimental planning
- Reagent and assay optimization
- Advanced laboratory techniques
- Bioinformatics (AI literature searching and image analysis)
- Data acquisition, processing, analysis and interpretation
- Troubleshooting and rigorous thinking
- Poster preparation
- Science communication (journal club and poster presentation)
- Research ethics

### Program Provides:

- Hands-on research
- Advanced lab skills
- Research skills
- Problem solving activities
- Fascinating science discussions
- Biotech Exposure
- Real-world experience
- College preparation
- Career preparation
- Alumni support