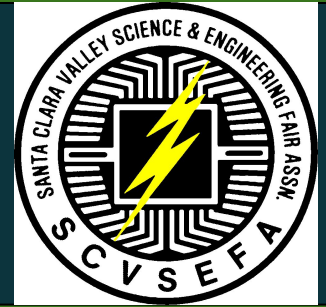
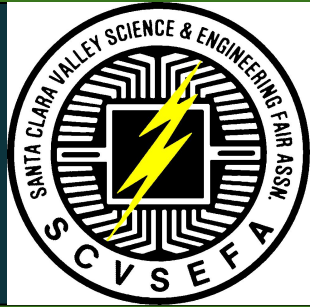


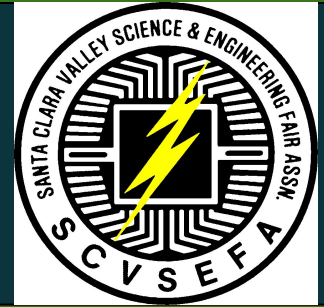
Synopsys Championship Student Clinic Agenda



- ❑ Review Deadlines
- ❑ Affiliated Science Fairs
- ❑ Who Can Sponsor your project?
- ❑ Steps to completing a Project Application
- ❑ Advantages of Participating
- ❑ Types of Projects + Hints & Tips



About the Synopsis Championship



- ❑ March 12-13, 2025
- ❑ Applications Open: Sept 30, 2024
- ❑ SRC Pre-approval deadline: Nov 13, 2024
- ❑ Final application deadline: Jan 10, 2025
- ❑ For details visit www.science-fair.org



Synopsys Silicon Valley Science and Technology Championship

Affiliated Science Fairs

CALIFORNIA STATE
SCIENCE FAIR



Thermo Fisher Scientific
**Junior Innovators
Challenge**

A program of Society for Science

REGENERON

ISEF

A PROGRAM OF
SOCIETY FOR SCIENCE

Who Can Sponsor Your Project?

- Typically teachers sponsor your science fair project. Parent sponsored projects are only accepted from schools where there are no teacher sponsors. High School students can have a mentor if work started at an RRI during the summer.
- Your sponsor takes responsibility for submitting and signing paperwork only after you've discussed the experiment with them to ensure it can be done safely.
- Each school has a 30 project limit (some exceptions apply for high schools that have Research Classes or Science Clubs). You must talk to your school/teacher to find out if your project qualifies.

Step 1: Application

Online application folder must contain:

- **Required Forms** (must be uploaded in PDF format). Refer to the ISEF Rules Wizard for help.
- **Signature** dates **MUST** be before experimentation begin date (This date is noted on your Student Checklist 1A Line Item #7)
- **Project Procedures**
- **Projects with potential risks must have SRC/IRB pre-approval.** Deadline for pre-approval is Nov 13, 2024. Do I need pre-approval? Projects involving human subjects, vertebrate animals, potentially hazardous biological agents, hazardous chemicals, devices and activities and/or continuation projects need pre-approval.
- **Payment or Voucher Code is needed to complete the application process** (Admins CANNOT process an application unless it has been paid)

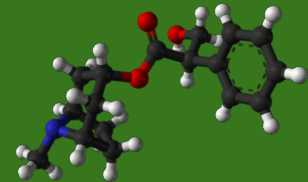
Advantages of Participating

- **DISCOVERY!**
- **Learning from Mentors and Judges**
- **Various Cash prizes up to \$1000**
- **Students can qualify for:**
 - ◆ **California State Science Fair (grades 6-12)**
 - ◆ **Thermo Fisher Scientific Junior Innovators Challenge (grades 6-8)**
 - ◆ **Trip to Regeneron International Science & Engineering Fair (grades 9 - 12)**
- **NASA opportunities**
- **Sponsored Awards from a variety of organizations**



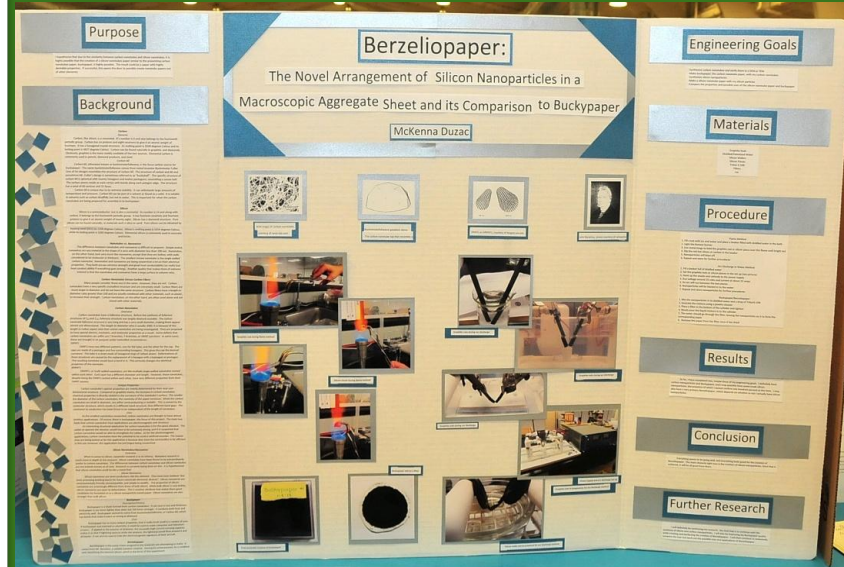
Types of Projects

- Engineering, Math and Computer Science
- Product Testing (grades 6-8 only)
- See website/clinic for Engineering
- Visit website for details regarding [Minimum Quality Requirements for Project Types](#)
- See special rules/forms/dates; hazards, vertebrates, humans. (Apps or other projects that involve medical or mental health may not be done without a doctor as a supervisor & require pre-approval)



Project Hints & Tips

- Pick something you care about
- Do your background research
- Look for the answer to *Why?* or *How?*
- Find something that matters, ie: To developing countries, to disabled people, to the environment
- The “inherently cool”
- Use a notebook & analyze your findings
- Order materials early - scientific materials aren't from Amazon!
- Abstracts **MUST** be turned in a week before the fair



Stay Away From

- Pouring Coke on things, plants in Miracle-Gro
- Testing different colors of light on plants
- Anything that starts with “I want to find out what happens when...”
- No expression of tau and similar proteins
- No culturing anything at home in Petri dishes
- For more No-No's see our [Discouraged Projects](#) page on our website

NEED MORE IDEAS?



- Use a scientist's unfinished work
- Use Google and Google Scholar
- Use what you know
 - ◆ Your hobbies
 - ◆ Things that bug you
 - ◆ The Sponsored Awards
 - ◆ The news
 - ◆ Look for unique measuring devices (UV meter)

Example of a real “science fair project”

[Bare Zones](#)

Why is there a strip of bare dirt between the chaparral and grassy areas of Mt Diablo? Is it a complicated plant warfare? Or something much simpler?

SUCCESS

→ Take as much data as possible in a notebook

- ◆ Many samples
- ◆ Repeated trials
- ◆ Various conditions
- ◆ Analyze the data

PRIZES WILL NOT BE AWARDED TO PROJECTS WITHOUT A NOTEBOOK

→ Be enthusiastic when presenting

→ Safety FIRST!

→ Parents: Know your place



APPLYING

- **Be clear**
 - ◆ **Include safety information**
 - ◆ **Use metric**
 - ◆ **Know your variables**
 - ◆ **Check for all the forms your project requires**
 - ◆ **Signatures**
 - ◆ **Bibliography**



IMPORTANT WEBSITES

- www.science-fair.org
- www.sciencebuddies.org GO BEYOND BASICS
- <https://www.societyforscience.org/isef/>
- <https://www.discoveryeducation.com/>
- <http://ei.cornell.edu/student/>

CONTACT US

Use our [Contact Us](#) page or email us
directly:

fairmanager@science-fair.org

We hope this is the beginning of great things to come!

