Science Fairs
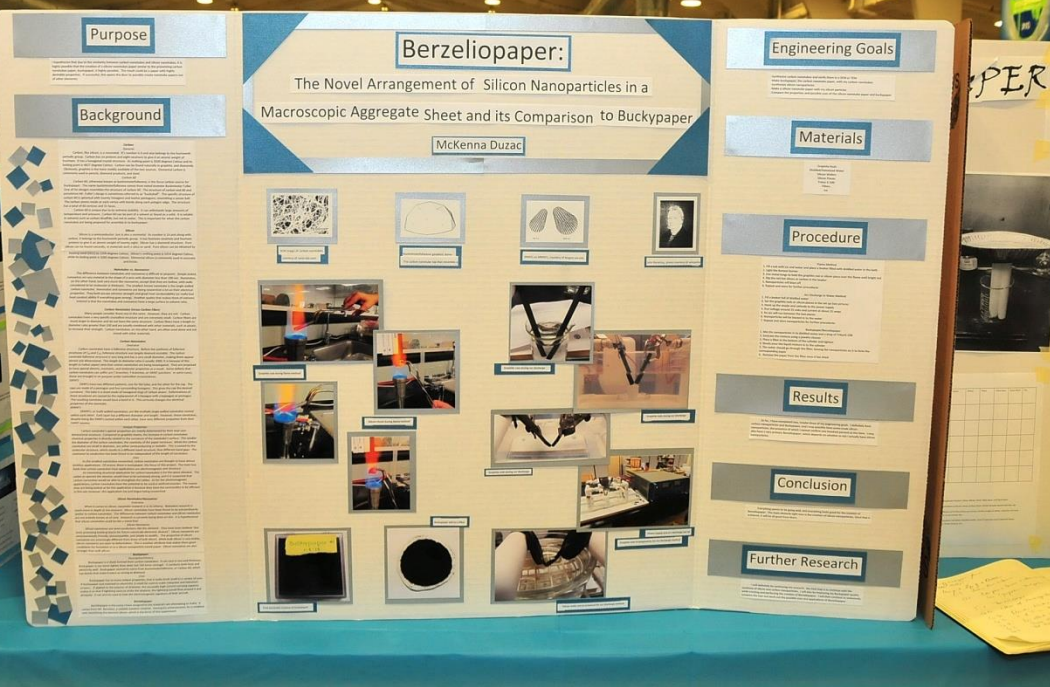
Synopsys Championship

- Deadlines- Oct. 24 HS SRC, Jan 9 MS SRC, Jan 30 Both W/O SRC
- Download application
- www.science-fair.org
- Check-in March 11, Presentations March 12

Advantages of Participation

- Networking with other students like you!
- Discovery!
- Learning from mentors and judges
- Various cash up to $2000
- Trip to Ca State Science Fair 6-12
- Broadcom MASTERS 6-8
- Trip to Intel International Science and Engineering Fair 9-12
- NASA opportunities
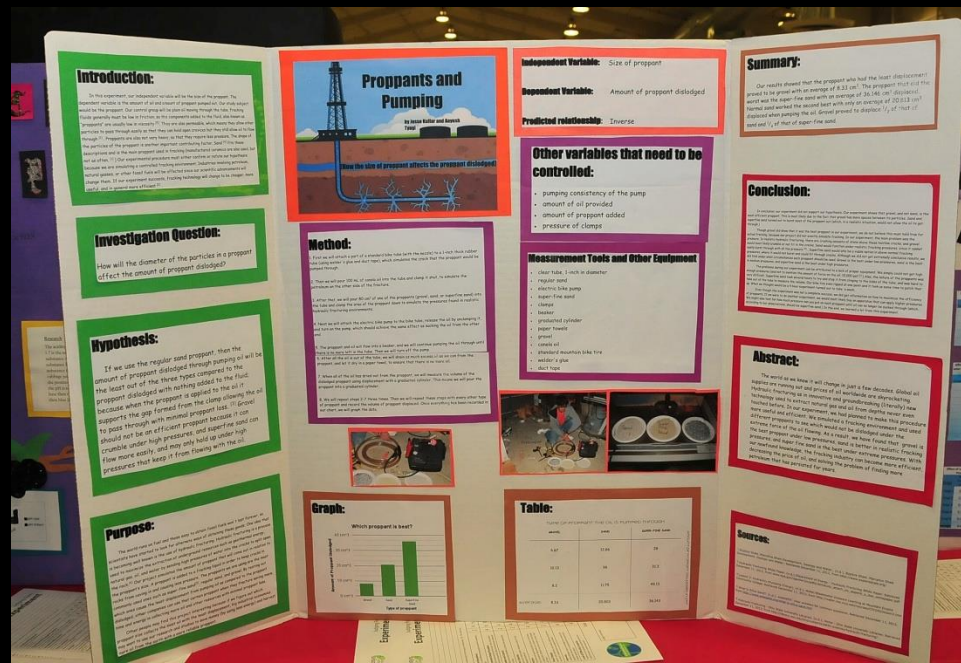- Variety of Special Awards from Organizations

Types of Projects

- product testing for 8th and below only
- Engineering, Math, Computer Science
- All types of Experiments
- See website for Engineering PPT
- See Handbook link for minimum quality standards
- See special rules/forms for behavioral science, hazards, using vertebrates
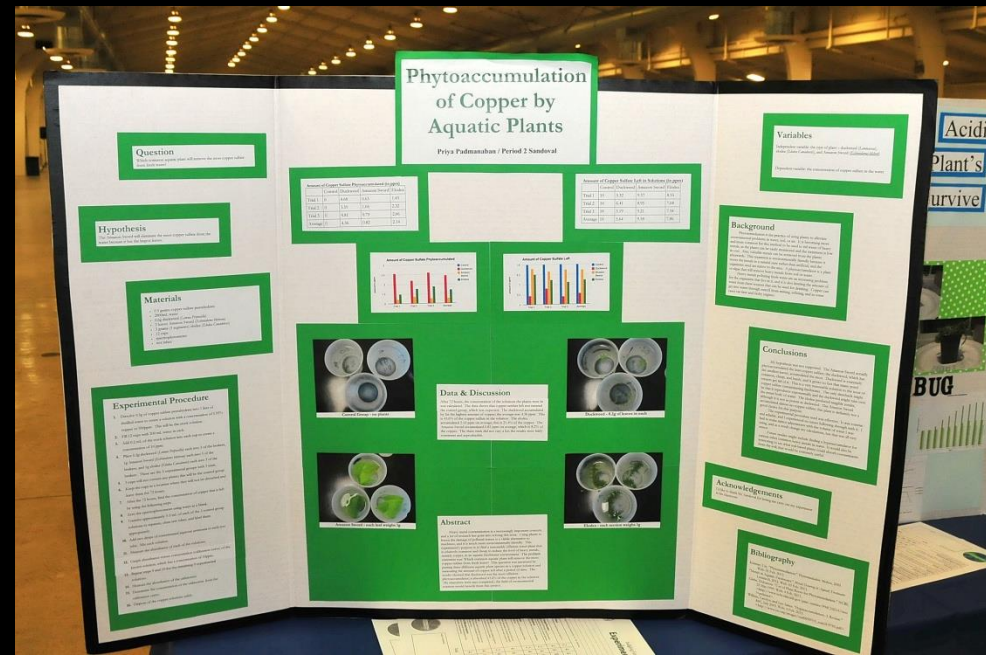
Projects Hints

- Something you CARE about

- Do your background research

- Look for the answer to Why or How

- Something that matters-to developing countries, to disabled people, to the environment

- The "inherently cool"

- Use a notebook!

Stay away from:

- Pouring Coke on anything
- Growing plants in different soils
- Testing different colors of light on plants
- Anything that starts out with "I want to find out what happens when…"
- See list on website

Hints:

- ## Use Google and Google scholar

  Stay away from science project lists

  DO: Put in 2 science terms, "Earthquake" and "Magnetism"

  Or use ask.com-it offers nice suggestions

- ## Use what you know

  Your hobbies

  Look around and SEE

  The things that bug you

  The Special Awards
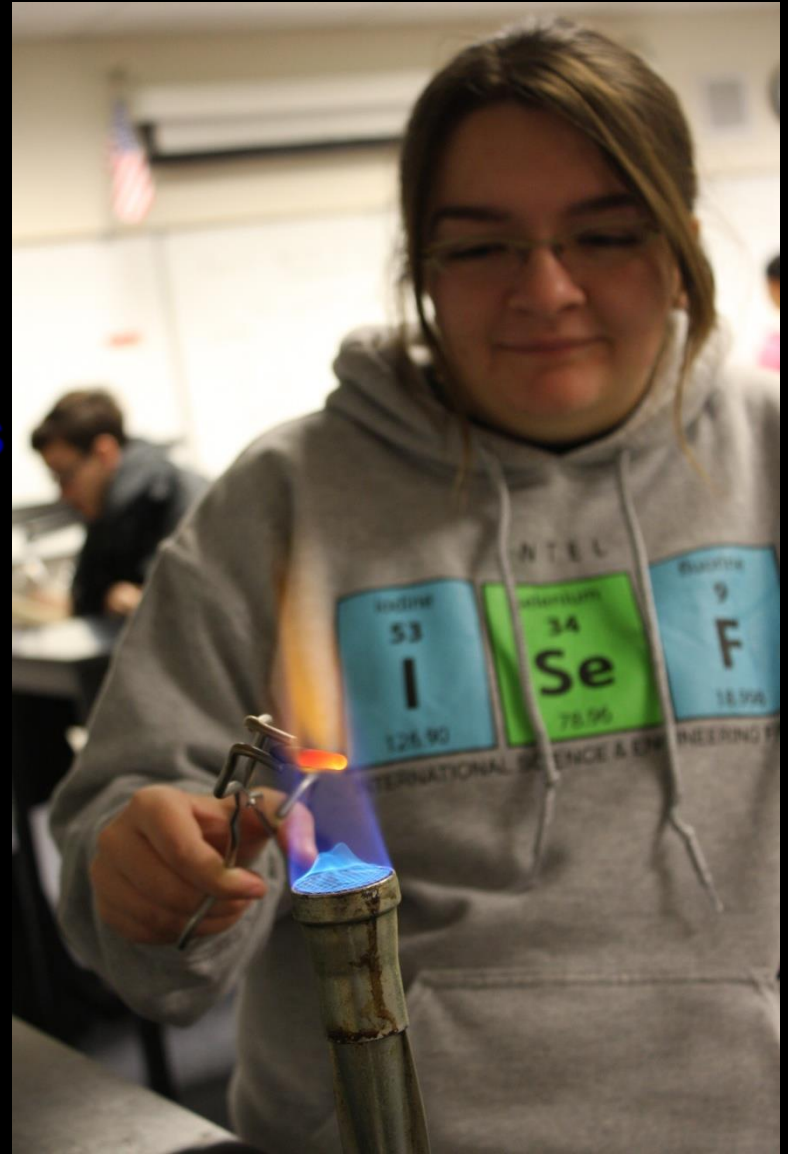
  The news

  Look for unique measuring devices (UV meter)

- Take as much data as possible
  - -many samples
  - -repeated trials
  - -various conditions
- Quantify and Analyze the data
- 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 special forms your project may require

Important Websites

- www.science-fair.org

- www.sciencebuddies.org

- http://www.societyforscience.org/ISEF/

- http://school.discoveryeducation.com/sciencefaircentral/

- http://ei.cornell.edu/student/