

Santa Clara Valley Science and Engineering Fair Association

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www.science-fair.org

Celebrating Consecutive Regional Science Fairs Since 1960
Affiliated with the Intel International Science and Engineering Fair

MENTOR PROFILE FOR STUDENTS TO REVIEW

Please fill in the appropriate information boxes below, and email this document to rwwcwl@yahoo.com for posting on our website www.science-fair.org.

Last name: Kvamme

First name: Todd

College and degree(s) earned:
UC Berkeley, BS in Mechanical Engineering and Material Science

Email address: contact mentors@science-fair.org

Web page (if applicable): N/A

Phone number and available hours to call:

Your background summary:

Opto-Mechanical system design for space telescopes. Infra-red optical materials. Mechanical design for high accuracy and stable positioning/alignment of ground based or space based optical components.

Briefly write about your science and/or engineering interests:

Material science and material behavior. Mechanical systems for use in space. Single crystal optical materials (Lithium Fluoride, Barium Fluoride, etc.) Astronomy and Cosmology.

Projects from which scientific category (one or more) would you be interested in mentoring? Categories are explained in detail at

<http://synopsys.championship.googlepages.com/scientificcategoriesforprojects>.

Mechanical Engineering, Material Science, Astronomy, Optics

If you are a past Science Fair Judge, list scientific categories which you judged:
Don't recall

If you are a past Science Fair Judge, list fairs by name in which you participated (local school fair, Synopsys Championship, CSSF, ISEF, etc.)

I judged at the Synopsys Championship in the past and also at the National Youth Leadership Forum science fair.
