

Santa Clara Valley Science and Engineering Fair Association

P.O. Box 307, Los Altos, California 94023 • 650-856-1289

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: Young

First name: Larry

College and degree(s) earned: Washington State U., BS & MS in Mech. Eng.

Email address: contact mentors@science-fair.org

Web page (if applicable):

Phone number and available hours to call:

Your background summary: (Please limit to 200 words)

I have worked at NASA Ames Research Center in the areas of rotorcraft and advanced concept research into rotary- and fixed-wing aerial platforms and exploration systems. I have principally focused my aeronautics research on fundamental aerodynamics and advanced vehicle design (with particular emphasis on tiltrotor technology investigations) within the Aeromechanics Branch and the Flight Vehicle Research and Technology Division. I have led a number of advanced technology efforts at NASA Ames, including the study of uninhabited aerial vehicles, vertical lift planetary aerial vehicles, Mars rotorcraft, smart rotorcraft field assistants for terrestrial field science in extreme environments, micro-rotorcraft concepts, and a variety of “intelligent” and/or robotic systems.

Briefly write about your science and/or engineering interests:

Aerodynamics and fluid physics

Applied Mathematics

Advanced Vehicle/Mechanical System Design

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>.

Engineering

Physics

Mathematics

Space Science

If you are a past Science Fair Judge, list scientific categories which you judged:

Physics

Santa Clara Valley Science and Engineering Fair Association

P.O. Box 307, Los Altos, California 94023 • 650-856-1289

www.science-fair.org

Celebrating Consecutive Regional Science Fairs Since 1960

Affiliated with the Intel International Science and Engineering Fair

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