

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: McGill

First name: Kevin

College and degree(s) earned: PhD, Stanford

Email address: contact mentors@science-fair.org

Web page (if applicable): na

Phone number and available hours to call:

Your background summary: (Please limit to 200 words) I am a researcher at the VA Palo Alto Health Care System. I'm interested in studying the electrical signals produced by muscles to find out what they can tell us about the way muscles are organized, and the way they are controlled by the nervous system.

Briefly write about your science and/or engineering interests: My interests include muscle physiology, electrophysiology, signal processing, and computer simulations.

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>.

Electrical engineering, bioengineering, software engineering, probability and statistics, algorithms, physiology

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

lower grades: biological and engineering

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

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