

**Santa Clara Valley Science and Engineering Fair Association**

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

[www.science-fair.org](http://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](mailto:rwwcwl@yahoo.com) for posting on our website [www.science-fair.org](http://www.science-fair.org).

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Last name: dreher

First name: kate

College and degree(s) earned: Ph. D. Plant Biology at UC Davis, B.A. Biology at Williams College

Email address: contact [mentors@science-fair.org](mailto:mentors@science-fair.org)

Web page (if applicable): [www.plantcyc.org](http://www.plantcyc.org), [www.arabidopsis.org](http://www.arabidopsis.org)

Phone number and available hours to call: e-mail only

Your background summary: (Please limit to 200 words)

I did graduate research on hormone signaling and protein degradation in plants. I now work for two biological databases. One focuses on plant biochemistry and metabolism and the other focuses on genetic and genomic resources for the model plant *Arabidopsis thaliana*.

Briefly write about your science and/or engineering interests:

I am interested in general molecular biology, plant biology, and plant biochemistry. I am also interested in how organisms interact with their ecosystems and environments.

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>.

Botany, Environmental Sciences, Biochemistry/ Microbiology

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

Botany

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

One Synopsys Championship and one ISEF.

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