

***Grace Hopper Celebration of Women in Computing,
October 6-9, 2004 in Chicago, IL***

Proposal: "Birds of a Feather" Discussion Forum

Title: Group Electronic Mentoring Programs for Women and Girls
in Science, Engineering, and Technology Careers

Session Leaders: Nancy Chen, Women's Bureau Region V Administrator

Sarah Shirk, UIC Center for Research on Women and Gender
Project Coordinator

Topics to Be Covered:

- 1) The group will be asked to share experiences in mentoring programs. Examples from session leaders will be the Department of Labor Women's Bureau three-year demonstration project called Girls' E-Mentoring in Science, Engineering, and Technology (GEM-SET) (see <http://www.gem-set.org>).
- 2) Best practices of effective mentoring programs will be examined.
- 3) Session leaders will provide copies of "How To Establish an Electronic Mentoring Program," a publication based on the GEM-SET demonstration project. Potential replication projects will be discussed.
- 4) Session leaders will provide copies of "The Best of the GEM-SET Daily Digest," an archive of on-line chats concerning SET careers, college challenges, research questions, Internet resources, and a bibliography.

Target Audience: Professional women with an interest in mentoring, undergraduate students in SET fields, secondary and post-secondary educators, persons with gender equity research interests.

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Proposal: **Technical Poster**

Title: **Girls' Electronic Mentoring in Science, Engineering, and
Technology**

Poster Authors: **Sarah Shirk, UIC Center for Research on Women and Gender
Project Coordinator
Alefiyah Abid, UIC Center for Research on Women and
Gender, Research Assistant**

Abstract:

The poster will examine the impact of a three-year demonstration project sponsored by the U.S. Department of Labor Women's Bureau called Girls' Electronic Mentoring in Science, Engineering, and Technology (GEM-SET). Participant demographics, educational paths, and career paths will be summarized.