

University of Southern California

USC Women in Science and Engineering Program



*INDIA-US WOMEN IN SCIENCE
AND TECHNOLOGY MEETING*

Berkeley, July 2014

Leana Golubchik

WiSE Programs – Overview

- Established in 2000 by an anonymous donor (\$20 million endowment); housed in and fully supported by the Office of the Provost
- **Primary Mission:** to increase the representation of women in T/TT faculty positions in STEM fields
 - Faculty in WiSE Departments will have increased from 15 in 2000 to 49 in 2014
- Promotes a **highly supportive** environment for women.



- Directed by a full time research active faculty member
- Managed by a full time staff member, dedicated exclusively to WiSE
- Supported by an Advisory Board and 2 School Committees
- Supports the WiSE Faculty Networking Group and a number of student organizations (Women in Math, Women in Chemistry, Women in Computing, etc.)

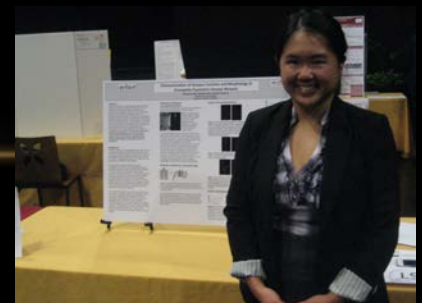
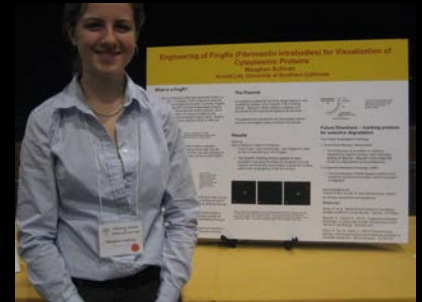
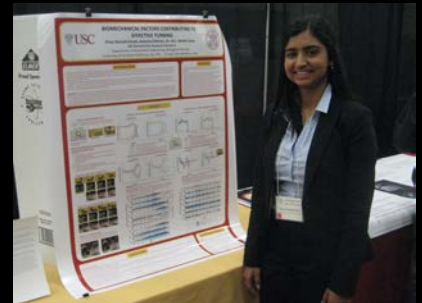
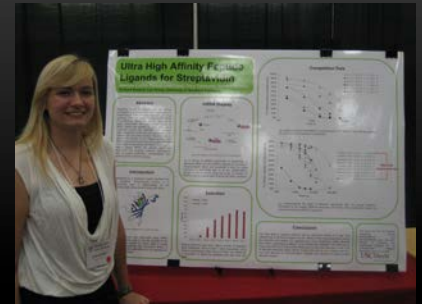
WiSE Programs – Faculty

- Support for Facilitating Diversity in Faculty Searches
- Major Support
- Supplemental Faculty Support
- Bridge Funding
- Support for Faculty Pregnancy, Childbirth and Adoption
- Child Care Grants



WiSE Programs - PhD Students, Postdocs, and Undergraduates

- Merit Awards for Excellence in Postdoctoral Research
- Merit Fellowships for Current Doctoral Students
- Graduate Top-Off Fellowships
- Child Care Grants
- Fellowships to Accommodate Pregnancy, Birth of a Child, or Adoption
- Travel Grants
- WiSE Undergraduate Research Experience

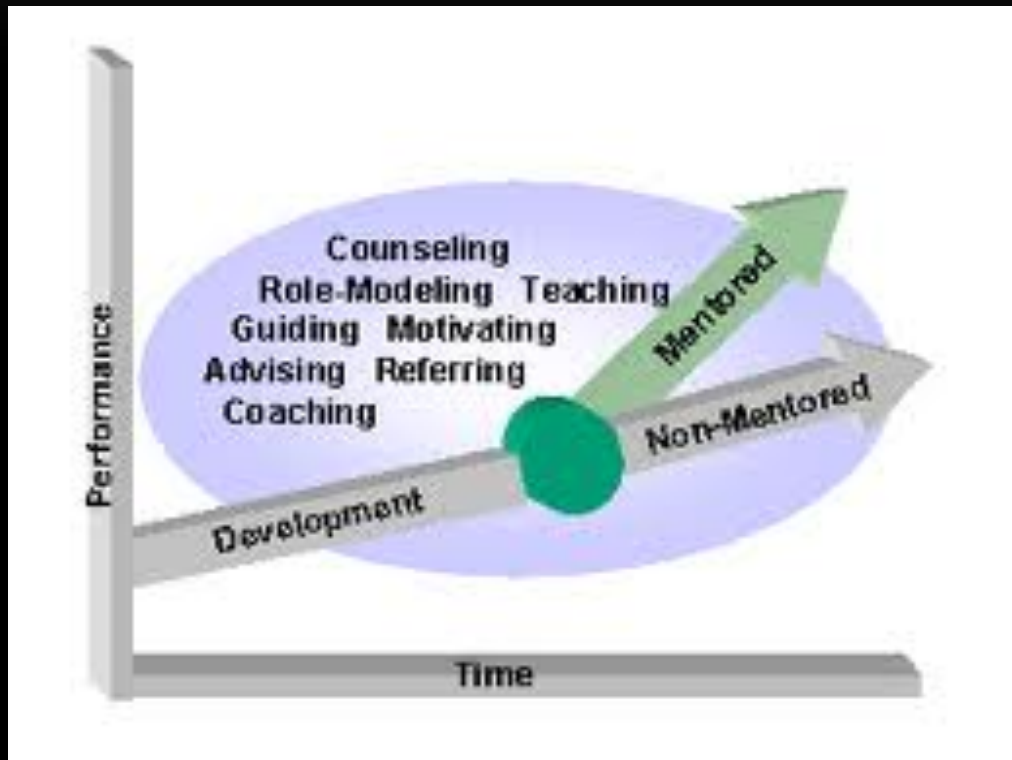


WiSE Programs – Programming Series

- ***Distinguished Lecture Series*** - provides opportunities to interact with distinguished scientists and engineers visiting USC in an intimate and casual setting.
- ***WiSE Talks*** - discussion series with subjects selected by the community. Prior WiSE Talks have included Promotions and the Teaching Faculty, Awards and Nominations, and Professional and Personal Relationships.
- ***Faculty Orientation*** - held annually at the start of the Spring semester for new faculty to USC.
- ***Mentoring Program*** - coordinates mentoring relationships across departments for women at all stages of their careers.
- ***Research Horizons Symposium*** - held biannually; showcases the work of faculty & students. The 2013 Symposium honored WiSE founding member, Prof. Reisler, Advisory Board Chair for more than a decade.



WiSE Networking Group



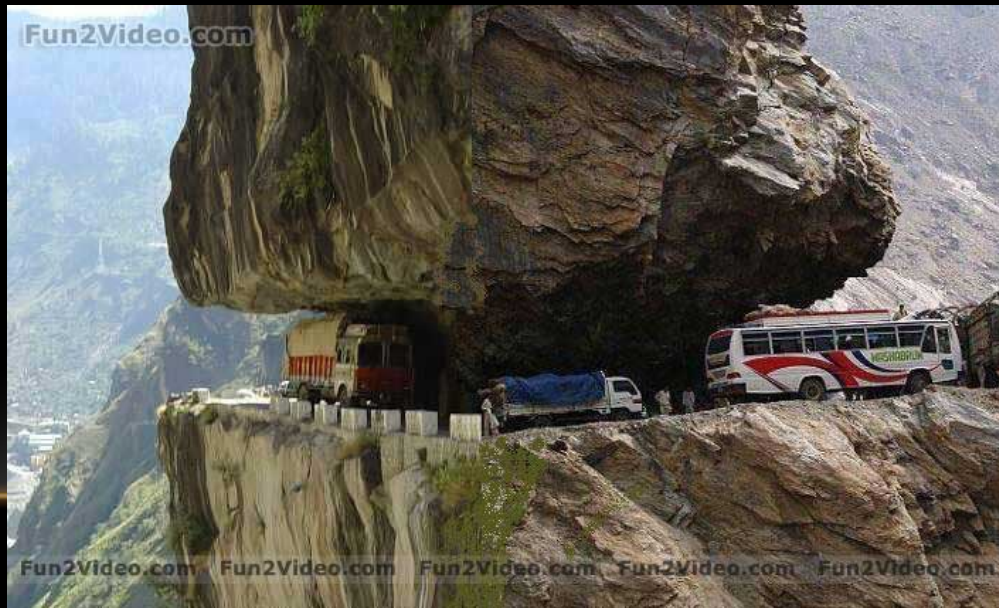
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Recent Faculty Awards



- **WiSE Program** (Leana Golubchik, Sarah Fried-Gintis, Judith Hirsch, Ellis Meng, and Jill McNitt-Gray): 2013 USC Mellon Culture of Mentoring Award.
- **Jill McNitt-Gray** (Biological Sciences and Biomedical Engineering): Fellow of the American Society of Biomechanics.
- **Maja Mataric** (Computer Science): Women of Vision Award of the Anita Borg Institute; inaugural holder of the Chan Soon-Shiong Chair; selected one of the 25 most powerful women engineers in tech; PAESMEM award recipient.
- **Burcin Becerik-Gerber** (Civil and Environmental Engineering): Named Stephen Schrank Early Career Chair in Civil and Environmental Engineering.
- **Katrina Edwards** (Biological sciences, Earth Sciences and Environmental Studies): 2012 A.G. Huntsman Award for Excellence in Marine Science.
- **Ellis Meng** (Biomedical Engineering): Selected as one of the 40 Under 40 in Medtech by the Medical Device and Diagnostic Industry Magazine.
- **Anna Krylov** (Chemistry): Fellow of the American Physical Society; Bessel Research Award, the Humboldt foundation; ACS Physical Chemistry Division Award in Theoretical Chemistry.
- **Andrea Hodge** (Aerospace and Mechanical Engineering): Named Philip and Cayley MacDonald Early Career Chair; ONR Young Investigator Award.
- **Malancha Gupta** (Chemical Engineering and Materials Science), **Yan Liu** (Computer Science); **Meghan Miller** (Earth Sciences): NSF Career Awards.
- **Anna Krylov** (Chemistry), **Susan Friedlander** (Mathematics), **Susan Montgomery** (Mathematics), and **Hanna Reisler** (Chemistry): Fellows of the AAAS (American Association for the Advancement of Science).
- **Susan Friedlander** and **Susan Montgomery** (Mathematics): Inaugural fellows of the American Mathematical Society (AMS).
- **Andrea Armani**, **Maja Mataric**, **Ellis Meng**, **Michelle Povinelli**, **Burcin Becerik-Gerber** are recipients of MIT's prestigious TR35 award for top innovators under the age of thirty-five.

What is the secret of our success?



Looking Towards the Future



- **Dual Career Hiring:** The WiSE Program is spearheading an effort to develop comprehensive policies for resolving dual career hiring situations at USC and in Southern California.
- **Childcare:** WiSE continues to push for additional childcare facilities at USC and was an advocate for the construction of the new facility.
- **Mentorship:** WiSE recognizes mentoring as central to a scholar's success and will continue to nurture strong mentoring relationships.
- **Professional Development Workshops:** WiSE will host workshops through organizations such as COACH in order to strengthen our faculty members' professional skills through continued education and awareness.



For more information:

USC Women in Science and Engineering

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