Resources for Diverse Women in Science, Technology, and Math

Kirstin Duffin, Eastern Illinois University, kduffin@eiu.edu

Follow this and additional works at: http://thekeep.eiu.edu/lib_fac

Recommended Citation
http://thekeep.eiu.edu/lib_fac/71

This is brought to you for free and open access by the Booth Library at The Keep. It has been accepted for inclusion in Faculty Research & Creative Activity by an authorized administrator of The Keep. For more information, please contact tabruns@eiu.edu.
Resources for Diverse Women in Science, Technology, and Math

A Sample of Books available at Booth Library

Becoming an engineer in public universities: pathways for women and minorities  
International encyclopedia of women scientists  
International women in science: a biographical dictionary to 1950  
Multicultural women of science: three centuries of contributions  
Latino women of science  
African and African American women of science  
Sisters in science: conversations with black women scientists about race, gender, and their passion for science  
"Strangers" of the academy: Asian women scholars in higher education  

SEE ESSAY WITHIN: Asian American gender gap in science and technology: tracking male versus female college students’ paths toward academic careers

Professional Organizations and Related Links

American Association for the Advancement of Science International Initiatives  
American Indian Science and Engineering Society  
American Society of Mechanical Engineers’ Diversity Resources  
Diversity/Careers in Engineering & Information Technology (journal and companion website)  
Serves engineering and IT professionals who are women, African Americans, Hispanics, Asian Americans, Native Americans, people with disabilities and members of other diversity groups.  
Minority College issue:  
Professional issue:  
International Federation of University Women  
An international, non-profit organization of women graduates.

MentorNet  
e-Mentoring for diversity in engineering and science.

National Action Council for Minorities in Engineering  
Society for Advancement of Chicanos and Native Americans in Science  
Women in Global Science and Technology  
WIGSAT is a consulting group which promotes innovation, science and technology strategies that enable women, especially those living in developing countries, to actively participate in technology and innovation for development.

Women in Technology International  
WITI has powerful programs and partnerships that provide connections, resources, opportunities and a supportive environment of women committed to helping each other.

Statistics

The first published data, disaggregated by gender, by race, and by rank, on faculty at the top 50 research universities in each of 14 science and engineering disciplines.

Women, Minorities, and Persons with Disabilities in Science and Engineering (from the National Science Foundation)  

http://cheminfo.chem.ou.edu/faculty/djn/diversity/top50.html  
http://www.nsf.gov/statistics/wmpd/minwomen.cfm#enroll
Resources for Studying Abroad – Diversify Your Education!

A Sample of Books available at Booth Library

- Financial aid for research and creative activities abroad
  LB2337.2.F572x (Reference)
- Financial aid for study and training abroad
  LB2337.2.F576 (Reference)
- The first time effect: the impact of study abroad on college student intellectual development
- Fulbright and related grants for graduate study, graduate research and teaching assistantships
  LB2376.F97x (Reference)
- The global classroom: an essential guide to study abroad
  LC1090.L279 2010 (2000 Level)
- Living and studying abroad: research and practice
  LB2375.LS8 2006 (2000 Level)
- Study abroad: how to get the most out of your experience
- Summer study abroad
  LB2376.P467 (2000 Level)

** Check out the LB2375-LB2376 section on the 2000 Level for many more titles on studying abroad! **

Science-Related Study Abroad Programs Led by EIU Faculty

(See http://castle.eiu.edu/edabroad for additional programs available through EIU partner institutions. All programs listed below are offered Summer term.)

** Biology **
+ Environmental Biology and International Management Issues (Belmopan, Belize)
+ Plant Usage and Culture in China (Hunan Province and Beijing, China)
+ Subtropical and Marine Ecology (Andros Island, Bahamas)

** Communications **
+ Intercultural Communication and Co-Cultural Experiences (New Zealand and Australia)

** Education **
+ Science and Schooling (Andros Island, Bahamas)

** Economics **
+ Explore Barbados (St. Lawrence Gap, Barbados)

** Geology/Geography **
+ Environment, Society, and Culture of Ecuador (Quito, Amazon Rainforest, and Galapagos Islands, Ecuador)
+ Sultans, Gods, & Pharaohs: Physical and Social Landscapes Across Three Continents (multiple locations throughout Greece, Turkey, and Egypt)
+ The Geography and Culture of Germany, Austria, and the Czech Republic (multiple locations throughout Germany, Austria, and the Czech Republic)

** EIU Study Abroad Fact Sheets for Majors in... **

- Biological Sciences
  http://castle.eiu.edu/~edabroad/pdf/Biological%20Sciences.pdf
- Communication Disorders
  http://castle.eiu.edu/~edabroad/pdf/CommunicationDisorders.pdf
- Economics
  http://castle.eiu.edu/~edabroad/pdf/Economics.pdf
- Geology/Geography
  http://castle.eiu.edu/~edabroad/pdf/Major%20Advising%20Sheets/GeologyGeography.pdf
- Health Studies
  http://castle.eiu.edu/~edabroad/pdf/HealthStudies.pdf
- Kinesiology & Sport Studies
- Math and Computer Science
  http://castle.eiu.edu/~edabroad/pdf/MathCompSci.pdf
- Physics
- Technology
  http://castle.eiu.edu/~edabroad/pdf/technology.pdf

created March 2011, KD