Work, Intern, Volunteer... Abroad!!

Science, Health Science & Engineering Opportunities

UC San Diego Programs Abroad Office
Why WIV Abroad?

- Develop intercultural communication skills and problem-solve professional situations in an intercultural context
- Become an effective member in a multicultural team
- Gain exposure to a variety of organizational structures and awareness of how culture impacts that structure
- Develop new skills and acquire more advanced knowledge in your field
- Offer your time and energy to a community lacking resources
Why should scientists and engineers go abroad?

- “The world is flat. With healthcare informatics moving where it is to leverage cloud-based data warehousing and processing, we will see more and more sharing and aggregating of healthcare data across states, countries and regions. Working in other countries is great preparation to be able to not only understand the various data sets coming in from other parts of the world, but also the basis for their collection and why or why not certain unmet medical needs are still present in various geographies.

When you are going for that promotion to VP and GM for a business unit, or for that CEO role in 25 years time in a global healthcare company, I guarantee that the greater your experience in international assignments, and your ability to have succeeded in multiple cultures and an at-least minimal working knowledge of other languages will be a very positive aspect of the equation used to choose the final candidate.”

-Mick Farrell, Senior VP of the Sleep Business Unit at ResMed
Why should health scientists go abroad?

- "Premedical education involves more than science and mathematics courses. Students should avail themselves of opportunities for exposure to a variety of life experiences. If they have the chance to study abroad, and learn how healthcare is delivered in different countries and cultures, it could help them become more culturally proficient physicians, with better insight into different healthcare delivery system options."
  - Steve Green, M.D., Vice-Speaker, California Academy of Family Physician’s Congress of Delegates

- "Having an international field experience working in health clinics and learning aspects of public health and prevention is a unique opportunity for aspiring premed students who want to get admitted in a well-recognized medical school."
  - Professor Wael Al-Delaimy, UCSD School of Medicine
You have choices!

Some Questions...

• What are my goals?
• Do I want credit?
• What level of immersion?
You have choices!

Decide...

• Will I go through a program?

• Will I make my own arrangements?
Work Abroad

- Participants are paid
- Positions are most common in non-career related work/service and tourism sector/teaching English
- Positions range from short term to long term
Work Abroad

- Generally do not require the specific skills
- Not eligible for academic credit or financial aid
- Few opportunities for science, engineering and health science students because of visa restrictions
Work Abroad Programs

- BUNAC
  - Live and work in an exciting country
  - Explore amazing places
  - Gain valuable life and job skills

http://www.bunac.org/usa/
Internships

- Tend to be more directly related to your field of study or career
- Require a skill set or knowledge base particular to that position
- Increase choices for science, engineering, and health science students.
Types of Internships

Course of Study Internships

- Usually unpaid and for academic credit
- Situated within a specific curriculum
- Typically relates to course work taken abroad
- May be eligible for financial aid
Types of Internships

Work Internships

- Not attached to a study program and not for academic credit
- May be paid or unpaid
- Self-arranged or through a program
- Not eligible for financial aid
- Typically full time
Internship Programs

- **Science and Engineering**

  - **Prime**
    - Work side-by-side with researchers while living for 9 weeks in one of several Pacific Rim countries
    - [http://prime.ucsd.edu](http://prime.ucsd.edu)

  - **ICE Menlo**
    - Intern 8-12 weeks overseas and learn about the language, culture, and employment practices of another country
    - [http://www.icemenlo.com](http://www.icemenlo.com)

  - **DAAD Research Internships in Science and Engineering**
    - Spend a summer gaining insight on advanced research work with doctoral students at German universities and research institutions
    - [http://www.daad.de/rise/en](http://www.daad.de/rise/en)

  - **Australia Summer Biotech Internship Program**
    - Intern in Australia, the number one biotechnology country in the Asia Pacific

  - **UCSD Jacob’s School of Engineering Team Internship Program**
    - Students work on-site with industry partners as a multi-disciplinary team focused on a clearly defined and significant project.
    - [http://www.jacobsschool.ucsd.edu/external/external_cap/cap_team_intern/](http://www.jacobsschool.ucsd.edu/external/external_cap/cap_team_intern/)

  - **U.S. Department of State Internship Program**
    - The Department offers unpaid domestic and overseas internships in the biological, physical, and engineering sciences. Interns with scientific and technical backgrounds might work with issues such as arms control, genetically modified organisms, infectious diseases, and remote sensing.
    - [http://careers.state.gov/students/us_students.html#SIP](http://careers.state.gov/students/us_students.html#SIP)

  - **United States Agency for International Development**
    - The agency offers paid and unpaid internships for undergraduate and graduate students in a wide variety of fields including engineering, computer science, and public health.
Study and Intern Abroad Combo

• Health Science

- **Amman Global Seminar in Pre-Med Clinical Research**
  Learn about basic aspects of population and public health assessment in Jordan and gain clinical hands-on experience working with refugee populations

- **Danish Institute for Study Abroad, Copenhagen, Denmark**
  Engage in a clinical course for pre-med students and gain valuable hands-on experience such as patient cases and clinical lab exercises

- **IES Abroad Santiago Health Studies Seminar Program, Chile**
  Enhance your classroom studies through practical and direct experience in Chile’s community-centered public health care system
  [http://www.iesabroad.org/IES/Programs/Chile/Santiago_Summer/santiagoSummer.html](http://www.iesabroad.org/IES/Programs/Chile/Santiago_Summer/santiagoSummer.html)

- **University of Sussex, United Kingdom Pre-Med Program**
  Enroll in pre-med courses and seminars and gain work experience by volunteering at the Royal Sussex County Hospital, local hospice, or for the campus rescue team
  [http://www.sussex.ac.uk/Units/publications/sabroad2008/pre_med](http://www.sussex.ac.uk/Units/publications/sabroad2008/pre_med)
Teaching English Abroad

Independent OR Through a program
Teaching English Abroad

- Short-term/long-term
- Self-arranged or through a program
- Private tutoring, language schools, companies
- Fulbright: Teacher exchanges and teaching assistantships
- TEFL Certificate?
Volunteer & Service Learning

- Unpaid
- May or may not be related to your academic interests
- Generally do not require specific skills or previous experience
- Typically grassroots and project based
Types of Volunteer Programs

**Short Term Volunteer Programs**
- Program sponsors often charge a fee for participation
- Room & board may or may not be included

**Work Camps**
- Typically 2 - 4 weeks in the summer, usually in Europe
- Room and board usually provided
Types of Volunteer Programs

**Long Term**

**US Government:** Peace Corps (fully-funded, degree required)

**Non-Governmental Organizations**
- May require skilled professionals
- May or may not have a religious affiliation
Service Learning

- For academic credit in conjunction with study program
- May be eligible for financial aid
Volunteer Programs

• **Health Science**
  - **Child and Family Health International**
    CFHI is a NGO that places students in global health education programs that promote community engagement and local integrity
    [http://www.cfhi.org](http://www.cfhi.org)
  
  - **UCSD Fellowship for International Service and Health (FISH)**
    Unite with students to gain medical experience and to serve those abroad in need of medical care
    [http://www.ucsdfish.com](http://www.ucsdfish.com)
  
  - **UCSD Foundation for the International Medical Relief of Children**
    Help raise awareness in the local community and provide a link to those in need of fundamental medical resources
    [http://fimrc.ucsd.edu](http://fimrc.ucsd.edu)

• **Engineering**
  - **UCSD Global TIES (Teams in Engineering Service)**
    Global TIES is an innovative service-learning program of the Jacobs School of Engineering of UCSD. Faculty-advised, multi-disciplinary teams of undergraduate students solve technical problems for non-profit organizations in San Diego and around the world.
    [http://ties.ucsd.edu/](http://ties.ucsd.edu/)

• **Opportunities for All**
  - **UCSD Alternative Breaks**
    Go on service learning trips that cultivate socially active and globally conscious leaders
    [http://abatucsd.worpress.com](http://abatucsd.worpress.com)
Research Your Options

- **Visit:** http://pao.ucsd.edu
- **Check out:**
  - www.prime.ucsd.edu
  - www.goabroad.com
  - www.transitionsabroad.com
  - www.cie.uci.edu/iop/work.html
  - www.globalgateway.monster.com
- **Review:** the books and magazines in the Programs Abroad Library
Meet with an Advisor

- Make an appointment with a Programs Abroad Advisor to discuss your options (after you have done some research!!)

- Come by the office
  Monday-Friday, 9am-4pm,
  or call 858-534-1123 to schedule an appointment
UCSD Resources

- Programs Abroad Office
- Career Services
- Alternative Breaks
- Academic Internship Program