

Amrit Sareen

EDUCATION Bachelor of Science, Biochemistry & Cell Biology June 2010
Bachelor of Science, Management Science
University of California, San Diego
Current GPA: 3.42

SKILLS

- **Laboratory:**
 - Bioinformatics: Certification from UCSD Extension. Coursework included Bioinformatics tools (BLAST, ClustalW etc), database querying (Uniprot, Entrez etc), database analysis (Weka)
 - In depth knowledge of various biostatistics applications for research
 - Lab techniques acquired: C.elegans RNAi, genomic DNA isolation, agarose gel-electrophoresis, Primer design, PCR, Cloning, Transformation, Cell culture, HPLC, LCMS, confocal assay preparation, image graphing (fluorescent microscope at NCMIR).
- **Computer:** Professional working knowledge of Windows based PCs, hardware/software troubleshooting, Microsoft Office, Adobe software.
- **Languages:** Fluent in Hindi [read, speak, write]

EXPERIENCE

**Undergrad Research Assistant, Dr. Tony Hunter Lab, The Salk Institute
October 2007 – May 2008**

Project: Focused on diet restriction based longevity in C.Elegans worms. Identified 2 substrates for WWP1 class of ubiquitin ligases.

**Lab Assistant, Dr. William Gerwick, CMBB-SIO
August 2006 – August 2007**

Key roles: Microalgal extraction of marine cyanobacteria, identifying natural products using HPLC, LCMS and database querying.

**Lab Assistant, Dr. Imran Khan Lab, UCSD Pharmacology
Nov 2005 – March 2006**

ACADEMIC

- Sixth College Provost's Honors List, 2005-Present
- 2007 Summer Research Fellowship
Presented at 2007 Summer Research Symposium, UCSD
Presented at 2008 Undergraduate Research Conference, UCSD

LEADERSHIP

- **Chair, External Relations Committee, BSSA-UCSD. Sept '08-present**
Managed a team of 9 students to plan, organize and execute the Life Sciences Career Week – a weeklong series of events dedicated to professional development and culminating in a biotech job fair. Obtained sponsorships from leading biotech firms such as Life Technologies, Celgene and Halozyme. Event website for more information: <http://lscw.ucsd.edu>
- **Commissioner, Technology Committee, Sixth College-UCSD. 2007-08**
Managed a team of 19 students to plan, organize and execute Winter Game Fest – UCSD's largest gaming event with over 1500 participants and extensive TV and newspaper coverage. Leading sponsors include Microsoft and EA Games.