

SERGIO I. SANCHEZ

EDUCATION:

University of Illinois at Urbana-Champaign	Fall 2004 – 2006	
Occidental College	B.A. Chemistry	Los
Angeles Valley College	Fall 1999-2004	
Burbank High School	Graduated May 1999	

RESEARCH EXPERIENCE:

UNDERGRADUATE RESEARCH ASSISTANT:	Summer 2006
Occidental College, Los Angeles	
Studied reactions of aminothiols with 2-bromo-3-methoxy-1,4-naphthoquinone	
UNDERGRADUATE RESEARCH ASSISTANT:	Summer 2005
California Institute of Technology, Pasadena	
Studied wetting behavior on polymer modified surfaces	
UNDERGRADUATE RESEARCH STUDENT:	2004 - present
Occidental College, Los Angeles	
Studied the reactions of 2-bromo-3-methoxy-1,2-naphthoquinone with secondary amines and the subsequent dealkylation	
UNDERGRADUATE RESEARCH ASSISTANT:	Summer 2004
Occidental College, Los Angeles	
Studied the reactions of 2-bromo-3-methoxy-1,2-naphthoquinone with secondary amines and the subsequent dealkylation	
UNDERGRADUATE RESEARCH ASSISTANT:	Summer 2003
University of Los Angeles California, Los Angeles	
Development of a mini-genomic library for the Nipah virus	
UNDERGRADUATE RESEARCH ASSISTANT:	Summer 2002
University of Los Angeles California, Los Angeles	
Understanding viral protein affinity and avidity using artificial protein constructs	

WORK EXPERIENCE:

TEACHING ASSISTANCESHIP:	Fall 2005 - present
Academic Mastery Program	
Occidental College, Chemistry Department	
TEACHER'S ASSISTANT:	2004-2005
Occidental College, Chemistry Department	
GROUP TUTORING:	2003-2004
Los Angeles Valley College, Supplemental	

Instruction

TEACHER'S ASSISTANT: 2002-2003
Los Angeles Valley College, Life Science
Department

PRESENTATIONS:

CONFERENCES:

Southern California Conference for Undergraduate Research
Riverside, CA Fall 2005
Society for the Advancement of Chicanos and Native Americans Conference
Denver, CO Fall 2005
National Conference for Undergraduate Research
Lexington, VA Spring 2005
American Chemical Society Conference
San Diego, CA Spring 2005
Southern California Conference for Undergraduate Research
Whittier, CA Fall 2004
Society for the Advancement of Chicanos and Native Americans Conference
Austin, TX Fall 2004

HONORS AND AWARDS:

Jean Dreyfus Boissevain Award 2006
Member of Phi Beta Kappa (Honor Society) 2006
Brantley Award for Chemistry 2005-2006
Rose Hills Memorial Scholarship 2005-2006
Rose Hills Memorial Scholarship 2004-2005
Occidental College Award for Physical Chemistry 2004-2005
Dean's List (Occidental College) 2004-2005
Hispanic Scholarship Fund Transfer Student Scholarship 2004-2005
W. H. Hilleary Memorial Scholarship 2002-2003
Dean's List (Los Angeles Valley College) 2001-2004
President's Honor Award (Los Angeles Valley College) 2002-2004
Member of Phi Theta Kappa (Honor Society) 2001-2004
Member of Tau Alpha Epsilon (Honor Society) 2000-2001