

Daniel Dauhajre

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OBJECTIVE

Complete a Ph.D. in Atmospheric and Oceanic Sciences with the goal of becoming technically proficient and bridging the communication gap between researchers and policy makers.

EDUCATION

University of California, Los Angeles

Graduate Student: Atmospheric and Oceanic Sciences

Los Angeles, CA
September 2012 - Present

University of Southern California

B.S. Viterbi School of Engineering: Biomedical Engineering

Los Angeles, CA
May 2011

Sigma Alpha Lambda National Leadership and Honors Society

WORK EXPERIENCE

UCLA Atmospheric and Oceanic Sciences Department

Graduate Research Assistant

Los Angeles, CA
June 2012 - Present

- Analyzing the dynamics of coastal transport utilizing high resolution regional ocean models

Adelante Educational Services

Tutor

Los Angeles, CA
October 2011-February 2012

- Devised lesson plans and provided one-on-one tutoring for high school students from low-income families

USC Marine Biology and Biological Oceanography

Oceanography Research

Los Angeles, CA
June 2011-September 2011

- Using various sources of data and MATLAB software a water quality index for Santa Monica Bay was defined and compiled
- The index and recommendations for future indices was presented in a paper to the Santa Monica Bay Restoration Commission

USC Earth Sciences Department

Climate Dynamics Research Intern

Los Angeles, CA
Summer 2010

- Independently compiled and analyzed Antarctic ice-sheet surface temperature trends using MATLAB
- Authored paper discussing results of research

USC Biology Department

Biogeochemistry Research Intern

Los Angeles, CA
January 2008-August 2009

- Performed experiments involving biogeochemical cycles and aided in development of a procedure for measuring phosphate count in mud samples

LEADERSHIP

Chi Epsilon Pi: UCLA Atmospheric and Oceanic Sciences Department

Outreach Chair

Los Angeles, CA
June 2013 - Present

- Creating and coordinating outreach events that seek to educate the general public on climate and environmental science issues

Delta Tau Delta Fraternity

Vice President

Los Angeles, CA
November 2009-November 2010

- Led fraternity in house vision, programming, and organization as an executive board member
- Managed a \$120,00 budget that is distributed amongst 11 administrative programs
- Conducted and facilitated weekly administrative meetings to determine programming
- Served as a liaison to the university for house relations with university administration

Internal Philanthropy Chair

January 2010-May 2010

- Created original philanthropy event involving multiple corporate sponsors and over 200 attendees
- Led fundraising efforts resulting in \$10,000 raised for the Huntington's Disease Society of America

SKILLS/PERSONAL

- Software: MATLAB, Python, UNIX, Ncview, SolidWorks, SolidEdge, LabVIEW, and LaTeX, Microsoft Office
- Languages: Fluent in Spanish
- Interests: Environmental Movement, Climate Solutions, Entrepreneurship, Photography, Water Sports