

Allison J. King

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EDUCATION

Master of Environmental Science and Management (Expected June 2010)

Bren School of Environmental Science & Management – University of California, Santa Barbara

Political Economy of the Environment Specialization

Thesis Group Project: *Community Greenhouse Gas Solutions, Case Study: Ventura, CA*. Partnering with AECOM Environment (March 2009-Present)

Selected Coursework: Climate Change Law and Policy, Environmental Economics, Political Economy of Controlling Greenhouse Gas Reductions, Statistics, Writing for Environmental Professionals, Environmental Modeling, Principles and Practices of Environmental Planning

Bachelor of Arts in Atmospheric Science with an Education Minor (May 2008)

University of California, Berkeley

Leadership/Involvement: Course Facilitator – Current Issues in Education, Geological Association at Berkeley, Society for Women in the Physical Sciences; Recruiter/Teaching Assistant – Marching Band

EXPERIENCE

Public Outreach Intern. October 2008-Present

Santa Barbara County Air Pollution Control District, Santa Barbara, CA

- Developing and presenting classroom programs about climate change and air pollution
- Staffing booths at science fairs and community events; assisting with public education campaigns

Climate Fellow. June 2009-August 2009

ICLEI – Local Governments for Sustainability, San Diego, CA

- Worked as a part of the San Diego Foundation's Regional Climate Protection Initiative: a network of local governments and organizations in San Diego County to address climate change
- Performed greenhouse gas emissions inventories of local government operations for the Cities of San Marcos and Imperial Beach
- Collected and analyzed city operations data and calculated emissions using ICLEI's CACP 2009 software
- Presented final report with detailed inventory and recommendations for reducing emissions

Undergraduate Researcher/Charles H. Ramsden Research Fellow. February 2007-May 2008

Professor Robert Rhew, UC Berkeley Department of Geography, Berkeley, CA

- Conducted summer research through the *National Science Foundation Research Experience for Undergraduates*
- Examined plant production and terrestrial-atmosphere exchange of trace gases
- Prepared plant and soil samples, ran GC/MS, participated in 3 summer field outings, and analyzed data
- Contributed to PhD research and presentations

Physics Teaching Assistant. April 2006-August 2006

Level Playing Field Institute – Summer Math and Science Honors Academy, San Francisco, CA

- Prepared and assisted with lab activities, ran class activities, and tutored physics students
- Piloted senior physics course and developed lesson plans
- Mentored high school seniors from under-represented groups

ADDITIONAL EXPERIENCE

Science Educator, Local Elementary and High Schools, Berkeley, CA (February 2006-May 2008)

Developed and facilitated science lessons for classes ranging from 3rd grade to high school chemistry and physics

Research Division Extern, California Air Resources Board, Sacramento, CA (January 2008)

Researched alternatives to high-global-warming-potential substances used in fire extinguishers and as tracers in research laboratories in accordance with AB32 Global Warming Solutions Act

Physics Tutor, UC Berkeley Residential and Student Service Programs, Berkeley, CA (April 2006-January 2008)

Held walk-in sessions for undergraduates in lower division physics courses and worked with a team of tutors, along with peer advisors and academic service assistants, to provide academic support in the residence halls

SKILLS

Computer: Proficient with Microsoft Office Suite (Word, Excel, PowerPoint), JMP and MATLAB

Communication/Presentation: Public speaking, teaching various grade levels, and lesson plan development