

# Allison J. King

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## EDUCATION

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**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

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**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

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

Developed and facilitated science lessons for classes ranging from 3<sup>rd</sup> 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

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

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