

# KATHERINE G. OSBORNE

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## EDUCATION

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- University of Texas**, Austin, TX *Expected August 2000*  
College of Engineering, Master of Science in Environmental and Water Resources Engineering  
LBJ School of Public Affairs, Master of Public Affairs
- Dartmouth College, Thayer School of Engineering**, Hanover, NH *1994*  
Bachelor of Engineering with an emphasis in environmental engineering, completed August 1994.  
Bachelor of Arts in Engineering Sciences modified with Environmental Studies, June 1994.  
Environmental Foreign Studies Program in Kenya.  
GPA 3.3, in Major 3.7. Engineer in Training (E.I.T.)

## EXPERIENCE

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- Graduate Research Assistant**, University of Texas, Austin, TX *Present*  
Currently conducting research for the City of Austin on the use of Geographic Information System (GIS) as a decision making tool for non-point source pollution problems related to urban development.  
Traveled to Bangladesh to research arsenic contamination in groundwater and evaluate efforts underway.  
Assisted in research and implementation of a pollution prevention project targeting underserved, unincorporated communities in Central Texas funded by the U.S. EPA.
- Summer Intern**, World Bank, Washington, DC *Summer 1999*  
Launched a tracking database to aid Quality Assurance Team efforts in the Latin America & Caribbean Region.  
Evaluated Environmental Assessments, Social Assessments, Resettlement Frameworks, Indigenous Peoples Development Plans, Project Concept Documents, and Project Appraisal Documents to compile Best Practices.
- Water and Sanitation Volunteer**, U.S. Peace Corps, San Jose de Ocoa, Dominican Republic *1996-1998*  
Designed, solicited funds, and facilitated construction of two gravity fed aqueducts serving 150 families.  
Established a village-based water supply and health promotion project. Aided fellow volunteers to develop latrine and water projects in their communities. Cooperated with the local primary school to conduct field trips and English classes.
- Engineering Intern**, Schloss Engineered Equipment, Aurora, CO *Fall 1995-Winter 1996*  
Updated specifications for an engineering firm that manufactures wastewater treatment plant components.  
Performed engineering calculations for the design of bar screens and grit collectors.
- Laboratory Technician**, ACZ Laboratories, Steamboat Springs, CO *Summer 1995*  
Conducted distillations and gravimetric, photometric, ISE and titrametric wet chemistry analyses in an environmental lab.
- Research Intern**, Global Securities Fellows Initiative, Cambridge, UK *1994-1995*  
Assisted with research and editing of international fellows' reports. Compiled and circulated quarterly newsletter.  
Organized workshops and seminars, and worked with participating Cambridge University faculty.
- College Research Assistant**, Dartmouth College, Hanover, NH *1990-1993*  
Presidential Scholar Research Assistant - Researched and analyzed economic effects of environmental regulation.  
Teaching Assistant - Graded homework and examinations, and tutored for math and computer science classes.  
Women in Science Project Research Assistant - Assisted Engineering Professor with Thin Films research.
- Research Intern**, Applied Energy Services, Arlington, VA *Fall 1992*  
Participated in research and analysis of potential energy markets and carbon offset projects in the planning division of an independent power producer.

## SKILLS

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Fluent in Spanish.  
Proficient on PC and Mac platforms. Experienced with database, word processing, presentation, spreadsheet, and statistical applications and web page design. Programming experience.