

Amy Richter Clark, P.G.

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OBJECTIVE:

Interested in utilizing educational and professional experience as a geologist to obtain a full-time position as an Earth Sciences educator.

QUALIFICATIONS:

Experienced in all levels of public outreach and education of both public and private sectors on geologic-related subjects. Over seventeen years working experience in the geological sciences. Coordination of many public outreach activities for the USGS in conjunction with universities, professional groups, municipalities, and all grade levels of public and private schools. Instructor of the Geology portion of the Alamo Area Master Naturalist Training Program. Certified as a Licensed Professional Geologist by the Texas Board of Professional Geoscientists, License #2700.

EDUCATION:

1998 B.S. Geology, University of Texas at San Antonio
2003 M.S. Geology, University of Texas at San Antonio

EMPLOYMENT:

2005 - Adjunct Faculty, Geology, Palo Alto College
Instructor for Earth Sciences, Physical Geology, Earth History, and Environmental Geology courses and labs.

Fall 2006 Lecturer, Department of Geological Sciences, University of Texas at San Antonio
2009 - Instructor for The Third Planet, Introduction to Earth Systems, and Environmental Geology

1997-2008 Geologist, U.S. Geological Survey, San Antonio Subdivision of the Texas Water Science Center
Responsibilities with the USGS have included project management of geologic investigations including geologic and hydrogeologic mapping, conducting karst assessments, public outreach, data collection, completion of well inventories and synoptics, collection of ground water and surface water QW samples and interpretation of lab reports. Other responsibilities include the writing of hydrogeologic reports and project proposals, organization of geological field trips, collaboration with various regulatory and governmental agencies as well as coordination of activities within the Texas District of the USGS.

1992 -1993 Work Study, St. Mary's University, Earth Science Department
Coordination of labs with professors, cataloging the Departments paleontological collection, assisting in all departmental needs.

CONTINUED EDUCATION:

2002 Karst Management – Western Kentucky University – Center for Cave and Karst Studies
2003 Ground Water Field Methods – U. S. Geological Survey, Office of Groundwater
2004 Electronic Troubleshooting, USGS Hydrologic Instrumentation Facility, Stennis Space Center
2005 Karst Hydrology- Western Kentucky University - Center for Cave and Karst Studies
2009 Provost's Academy on Critical Thinking for Teaching STEM Disciplines, UTSA

PUBLICATIONS:

- 2003 Clark, Amy R.: Vulnerability of Ground Water to Contamination, Northern Bexar County, Texas, Water Resources Investigation Report #034072, U.S. Department of the Interior, U.S. Geological Survey
- 2009 Clark, Amy R., Blome, Charles D., Faith, Jason R.: Map Showing Geology and Hydrostratigraphy of the Edwards Aquifer Catchment Area, Northern Bexar County, South-Central Texas. Open-File Report 2009-1008, U.S. Department of the Interior, U.S. Geological Survey