

CYNTHIA BOSHELL

email: cbh16@humboldt.edu
http://users.humboldt.edu/boshell

ACADEMIC PREPARATION

BA in Native American Studies with minors in Economics and Natural Resources (*in progress*), Humboldt State University (HSU). Expected graduation date: May 2011

AA degree in Applied Arts, Art Institute of Seattle, Seattle, WA. Graduated September 1987.

Pertinent Coursework

| | | |
|--|--------------------------------|--------------------------|
| Environmental Law | Tribal Governance & Leadership | Calculus I |
| American Constitutional Law | Native American Psychology | General Chemistry (I/II) |
| Federal Indian Law | Native American Health | General Biology (I/II) |
| Public Land Policy | Sustainable Society Economics | Logic |
| Environmental Policy | Natural Resources Conservation | Money and Banking |
| Environmental Impact Statements | Range Resources Management | Macro Economics |
| Tribal Water Rights | Herbalism & Organic Gardening | Financial Accounting |
| Environmental Justice | North Coast Native Art | Public Speaking |
| Native American Perspectives on Natural Resource Management | Tribal Art | |

COMPETENCIES

Technology:

Software: Microsoft Office Suite (Word, Excel, Access, Power Point), ArcGIS, Google Earth, Adobe Photoshop, Illustrator, QuickTime, Corel Painter, various utilities and email clients.

Systems: Macintosh, PC (Windows 2000), Unix and Linux

Programming: C Shell, Macromedia Lingo, and HTML

Media:

Photography, technical illustration, animation, graphic design, graphics camera operation, color separation methods, pre-press and printing processes, interactive multimedia design.

RESEARCH INTERNSHIPS

National Center for Earth Surface Dynamics (NCED)/ Louisiana State University (LSU)/Army Corps of Engineers (USACE) **June - August 2010**

River and Coastal Restoration REU Intern

Performed analysis and interpretation of USACE Mississippi River and Bonnet Carré data in support of an environmental engineering research project to restore land-mass in Coastal Louisiana. Used MODIS satellite images and USACE field data to analyze hydrology and geomorphology of a large-scale river diversion. Produced a research paper to document results.

National Geodetic Survey/Colorado Department of Transportation **May - August 2008**

UNAVCO Research Intern

Performed geodetic data analysis, checked numerical computations, plotted survey benchmarks in Google Earth, and produced a report of findings.

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United States Geological Survey (USGS)

May - August 2007

UNAVCO Research Intern

Performed background research, seismic data analysis, and ArcGIS plotting for a series of unusual seismic events that occurred in Eastern Russia during 2006. A scientific research paper documenting findings was submitted to USGS for inclusion in a larger seismic research project.

ACADEMIC ACTIVITIES

Federal Indian Law Teaching Assistant to Marlon Sherman, JD

Peer mentor in HSU Indian Natural Resources Science and Engineering Program (INRSEP)

HSU Native American Studies Club Vice President, AY 2010-2011

HSU Native American Forum Mural Project Ad Hoc Committee, AY 2010-2011

HSU Pre-Law Club Member, AY 2010-2011

PROFESSIONAL EXPERIENCE

Administrative Assistant

December 2007 - May 2008

Office of the Provost, Humboldt State University. Arcata, CA

Provide administrative support in the areas of scheduling, expense tracking, reception, document management and travel planning and coordination. Responsible for ensuring confidentiality and proper handling of sensitive information. Assist Provost with special projects as requested.

Administrative Assistant/Office Manager

September 2008 - December 2008

Walsh Environmental Scientists and Engineers. Denver, CO

As an office manager for a branch office, I coordinated administrative activities with three managers and up to fifteen engineers. My primary responsibilities were to set up the administrative activities for an office that previously had no administrative support and work with scientists, engineers, clients, and subcontractors to ensure project records were created and maintained.

Paraeducator/Administrative Assistant

December 2007 - May 2008

Lakeside Middle School. Seattle, WA

Responsible for assisting sixth grade student with motor skills limitations between classes. Interact with middle school students, faculty, staff, and parents to support an exceptional learning environment. Provide clerical, recordkeeping, and general services for music department and main office. Assist faculty with special requests as needed.

Human Resources File Clerk

October 2007 - December 2007

Vicorp, Inc. Denver, CO

In this short-term position, I was tasked to reorganize a file room containing over 100,000 confidential personnel files. Responsibilities included merging several file groups and integration of incoming files into the transitional system. The ability to remain organized was a substantial factor in my success.

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Math and Chemistry tutor

January - April 2007

Learning Center, Humboldt State University. Arcata CA

Provided tutoring for college-level mathematics and chemistry courses. Responsibilities included assistance with homework and exam preparation. The ability to enhance self-confidence and encourage independent thinking was vital to empowering tutees to succeed.

Visual Effects Freelance Consultant

June 1995 - August 2005

Los Angeles, CA

Performed all functions required to operate small, independent graphics business. Multi-tasking, organization, responsiveness to client needs, flexibility, ability to work independently and with many personality types was essential to my success as a freelance graphic arts consultant. As a fully-functioning one-person studio, I was responsible for client consultations, budgets, scheduling and bids, and a full range of computer graphic animation services and image enhancements. Major clients included Rhythm + Hues Studio, Compaq Computers, Digital Domain, Special Olympics Committee, Industrial Light and Magic, Electronic Arts and Dream Quest Images (part of The Walt Disney Company).

PAPERS

Boshell, Cynthia and Willson, Clinton and Taylor, Craig A. *The Bonnet Carré Spillway: A laboratory for studying the potential of large-scale river diversions to foster accretion in the Mississippi River Delta*. Completed August, 2010. Unpublished.

Boshell, Cynthia. *First Medicine: Water Quality and Tribal Sovereignty in City of Albuquerque v. Browner*. November 2009. Instructor submission to HSU Library for ONCORES publication,. 2010.

Boshell, Cynthia and Fromhertz, Pamela. *Is Colorado Sinking? Researching Elevations from Longmont, CO to Denver International Airport*. Completed August 2008. Unpublished.

Boshell, Cynthia and Benz, Harley and Angster, Steve. *Plate Kinematics and Mechanisms: A Perspective on the April 2006 Major Russian Earthquake*. Unpublished.

PRESENTATIONS

September 2010 Poster: Geosciences Alliance Poster Session

Poster: SACNAS Undergraduate Research Poster Session

August 2010 Poster: NCED River and Coastal Restoration REU Symposium Poster Session

February 2010 Presenter: Humboldt State University student response to Western Association of Schools and Colleges (WASC) Reaccreditation Committee

August 2008 Poster: NCAR SOARS/RESESS Summer Research Poster Session

May 2008 Presenter: Lakeside Middle School Sixth Grade Science Class, Seattle, WA

September 2007 Presenter: Humboldt State University Geology Colloquium

August 2007 Presenter: Humboldt State University Office of the President

August 2007 Presenter: UNAVCO/NCAR SOARS/RESESS Summer Research Colloquium

August 2007 Poster: UNAVCO/NCAR SOARS/RESESS Summer Research Poster Session

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AWARDS

Humboldt State University President's Native American Scholarship Award, AY 2009-2010 and 2010-2011

Humboldt State University Presidential Scholar, Spring and Fall 2009, Spring 2010

AFFILIATIONS

American Indians in Science & Engineering Society (AISES)

Geosciences Alliance

Indian Natural Resources Science and Engineering Program (INRSEP)

Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)