

# Holly Jean Johnson

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## EDUCATION

### University of Wisconsin – Eau Claire (UWEC)

Bachelor of Science – Physical Geography  
Minors – Anthropology and Business Administration  
University Honors

Eau Claire, Wisconsin  
December 2006

### University of KwaZulu-Natal

Study abroad program

Durban, South Africa  
Summer 2006

## ESRI ONLINE COURSES

Learning ArcGIS 9  
Customizing ArcGIS 9  
Learning ArcGIS Spatial Analyst 9  
Spatial Analysis of Geohazards Using ArcGIS 9

## SKILLS

### Software

ArcMap	Adobe Illustrator	Microsoft Excel
Fortner T3D	Adobe Photoshop	Microsoft Word
Sensors & Software pulseEKKO software	Dreamweaver	Microsoft PowerPoint

### Equipment

Geoprobe  
Trimble ProXR GPS system  
pulseEKKO 100 and 1000 Ground Penetrating Radar (GPR) systems

### Analytical

Skilled in cartography and GIS  
Experienced in field research and analysis  
Competent in using Dreamweaver for web design  
Experienced in scientific writing and field reports  
Proficient in using Microsoft Excel for data analysis and creating databases

## PROFESSIONAL PRESENTATIONS

**Johnson, H.J.,** Jol, H.M., and Peterson, C.D., 2007. Imaging Tsunami Deposits in Oregon (USA) Using Ground Penetrating Radar. Poster to be presented at the Association of American Geographers Annual Meeting in San Francisco, California, April.

**Johnson, H.J.,** Jol, H.M., Peterson, C.D., Bode, J.A., and Fischer, M., 2006. GPR Imaging of the Subsurface in 3D: Examples from a Coastal Site (USA) and an Archaeological Site (Israel). Poster presented at the Geological Society of America Annual Meeting and Exposition in Philadelphia, Pennsylvania, October.

## GRANTS

### Faculty/Student Research Collaboration

*UWEC Office of Research and Sponsored Programs*  
With Dr. Harry Jol for GPR research on the Oregon coast

October 2006

### Student Travel for the Presentation of Research Results

*UWEC Office of Research and Sponsored Programs*  
Travel grant for poster presentation at the Geological Society of America Annual Meeting and Exposition, Philadelphia, PA

October 2006

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### PROFESSIONAL EXPERIENCE

#### Research Assistant

May 2006 – present

*UWEC Geography and Anthropology Department*

Assist Dr. Harry Jol with a variety of projects including:

- Used Dreamweaver to redesign Dr. Jol's professional website (<http://www.uwec.edu/jolhm>)
- Participated in GPR research in Cannon Beach and Seaside, Oregon and Eau Claire, Wisconsin

#### Student Laboratory Assistant

Fall 2006

*UWEC Geography and Anthropology Department*

- Assisted students in Geography 104: The Physical Environment laboratory
- Graded weekly laboratory assignments

### FIELD EXPERIENCE

#### Cannon Beach and Seaside, Oregon

September 2006

*Research Project*

- Collected ground penetrating radar (GPR) data of the 1700 and the 1964 tsunamis at several sites in Cannon Beach and Seaside, Oregon to study paleo-tsunami inundation and wave run-up

#### Eau Claire, Wisconsin

*Research Project*

June 2006

- Used a Geoprobe to extract soil cores from a Chippewa River terrace
- Analyzed soil samples for use in optical stimulating luminescence dating
- GPR data was also acquired from a Chippewa River terrace

*Geography 199: Computer Techniques in Geography*

Spring 2005

- Collected GPS data at Owen Park using Trimble ProXR
- Used GPS data to create a map of the park

#### Southern Wisconsin and Northeastern Iowa

Spring 2006

*Geography 491: Geoarchaeology*

- Studied geoarchaeology of Aztalan State Park in Wisconsin and Effigy Mounds National Monument in Iowa
- Examined glacial features southern Wisconsin

#### West-Central and Western Wisconsin

Fall 2005

*Geography 360: Geomorphology*

- Studied the geomorphology of many sites in Eau Claire, Spring Valley, Turtle Lake, St. Croix Falls, Interstate State Park (WI and MN), and Osceola, focusing on fluvial and glacial features
- Reported findings in concise and detailed technical reports

### ACADEMIC ACHIEVEMENTS & AWARDS

University Outstanding Senior Award

Chancellor's Scholarship

University Honors Program

University Dean's List

NovoPrint Excellence in Cartography Award

University Academic Distinction

### OTHER EXPERIENCE (NON-ACADEMIC)

Office Assistant, UWEC, Eau Claire, WI, September 2005 – May 2006

- Made appointments for students to see advisors using Microsoft Outlook and completed various office tasks

Remote Video Analyst, Menards, Eau Claire, WI, March 2005 – October 2005

- Used store cameras to monitor employees in the Menards stores throughout the Midwest
- Wrote reports detailing my observations and entered data into Microsoft Access

Page, Chippewa Falls Public Library, Chippewa Falls, WI, June 2000 – September 2005

- Assisted patrons with questions and in finding items and accurately filed returned items to shelves