

# KAREN BROWN      RÉSUMÉ

PO Box 580      Independence Oregon      97351  
(503) 838-4146 (home)      (503) 881-9012 (cell)

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**OBJECTIVE:**      Teaching or support position in higher education.

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## PROFILE:

Experienced educator in science and mathematics. Proficient in modern computer operations: web-page design, word processing, spreadsheets, and geographic information systems. Skilled in technical use of distance education technology including interactive video classrooms and online course and assessment formats.

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## EXPERIENCE:

**Western Oregon University: January 2005 to present**      30, 16 hr/wk (Winter, Spring)  
Instructor of Earth Science: Lecture and laboratory instructor for freshman-level integrated science course series. Lecture sections: 60 students each, lab sections: 25 students each. Prepare PowerPoint presentations, assess student understanding of material by exam, activities and lab reports.

**Willamette University: October 2003 to November 2004**      20 hours per week  
Tutoring Coordinator: Willamette Academy— Supervise tutored study hall with 6-12 University student tutors and up to 20 high school age students. Develop curriculum and teach inter-disciplinary science coursework and mathematics activities for high school enrichment classes. Significant minority representation by Willamette Academy students.

**Oregon Garden: March 2004 to June 2004**      10 hours per week  
Environmental Educator: Teach three hands-on science lessons per day in and about the outdoors to groups of 25 students visiting on school field trips.

**Great Basin College: August 1993 to October 2003**      25 hours per week  
Instructor of Earth Science and Mathematics: Prepare lectures, lab exercises, field trips, exams, and evaluate student performance for Physical Geology, Physical Geography, Rocks and Minerals, Basic Math, and Elementary Algebra. Extensive experience with distance education methods: both video-interactive delivery of lecture and images, and online course format.

Academic Advisor: Help students on an individual basis with program planning to complete degrees at Great Basin College and to transfer to universities or other colleges, including course load decisions with attention to individual goals and capabilities. Discuss financial aid options, and career counseling. Proficient in Student Information System. Worked closely with the Director of the Wnmc. Center each semester in planning the upcoming course offerings.  
Mathematics and Algebra Tutor: Tutor students in all levels of math through pre-calculus and College Mathematics on an individual or small group basis.  
"Kids' College" Instructor: Geology, Rocks and Minerals, Fossils, Electricity and Magnetism, Aviation, Weather and Climate, Maps and Globes, Oceanography, Ecology. Age groups ranged from 5 years to 14 years old.

**OUTSTANDING FACULTY MEMBER:** Univ. and Comm. Coll. System of Nevada, 1996-97

Karen Brown PO Box 580 Independence, OR 97351 (503) 838-4146, (503) 881-9012

**Boy Scout Troop 223 Troop Committee and Merit Badge Counselor:** 10 hours per wk.  
**February 2002 to October 2003** Environmental Science, Geology, Orienteering,  
Aviation, Electricity, Rifle Shooting.

**Girl Scouts: March 1999 to October 2003** 15 hours per week  
**Co-leader:** Troop 451, March 1999 to October 2003  
Organizing troop activities and trips, teaching the skills for badges in camping,  
map making, wildlife, archeology, water conservation, geology, weather, and  
numerous community responsibility subjects.  
**Service Unit Secretary:** September 2000 to October 2003  
Communication with over a dozen troops, keeping minutes, web-site  
administrator, media liaison, organizing activities for multi-troop events.

**Private Tutor: October 1978 to October 2003** 20 hours per week  
Recent experience in Winnemucca tutoring college, high school, and junior  
high school students in mathematics, algebra, geometry, trigonometry and  
calculus. Previous experience in New Mexico, Sacramento and Los Angeles in  
mathematics, algebra, geometry, trigonometry, chemistry, physics, and Earth  
science.

**Teaching Assistant/Geologic Assistant: June 1978 to April 1987** 15 hours per week  
New Mexico Institute of Mining and Technology: Sept. 1984 to April 1987  
Organized and taught college-level lab sections in geology, mineralogy,  
petrology, and stratigraphy. 15 hours per week.  
Math tutor for accelerated high-school program conducted at the Institute.  
New Mexico Bureau of Mines: May 1984 to August 1986 full time.  
Research in field, library and laboratory regarding industrial and metallic ore  
deposits, wrote government-published reports on findings. 15 hours per week.  
California State Sacramento: October 1980 to December 1983 Mineralogy lab  
assistant, tutor. 20 hours per week.  
West Valley Community Center, Woodland Hills California:  
June 1978 to August 1982. 25 hrs/wk in school year and full time in summer.  
Program planner for summer day camp and year-round academic pre school.  
Directed children's activities including games, manners, cultural heritage, art  
and science projects.

**Winnemucca Handgun Association Secretary/Treasurer: Feb. 1999 to Oct. 2003**  
Took minutes of meetings. Coordination of instructors and range safety  
officers, publicity, media releases, advertising, registration, reservation of  
facilities, and purchases of supplies for the workshops and recreational  
shooting events. 5 hours per week.

**Geologist: May 1982 to October 1989** Full time  
Independence Mine, Newmont Exploration, McDermitt Mine, Anaconda  
Resources (ASARCO), Freeport Exploration. Gold exploration in Northern  
Nevada by field mapping, sampling programs, and drilling projects.  
Supervised field crews and drilling projects. Prepared maps and reports for  
presentation to company management and government agencies.

## EDUCATION:

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### **MASTER OF SCIENCE—GEOLOGY 1987**

New Mexico Institute of Mining and Technology—GPA 3.9

Thesis: Map and interpret Paleozoic stratigraphy and Paleozoic and Tertiary structure

**Founder's Award:** most excellent graduate, 1987

**New Mexico Bureau Of Mines Grant:** Field mapping thesis, 1986

**New Mexico Geologic Society Grant:** Field mapping thesis, 1985

**Wycoff Scholarship:** Ore Deposit Geology, 1985

### **BACHELOR OF SCIENCE—GEOLOGY 1983**

California State University at Sacramento—GPA 3.98

Thesis: Map Mesozoic greenstone belt

**Dean's List** every semester, Graduated with **honors**

**Muddox Scholarship:** Mining Industry Career, 1983

### **GREAT BASIN COLLEGE—1993-2003**

Coursework: Web Page Building, Geographic Information Systems, Visual Basic Programming, AutoCAD, Education classes and Political Science for Nevada Substitute Teaching certificate, Professional development coursework to improve teaching skills—GPA 3.95

### **LOS ANGELES PIERCE COLLEGE—1977-1980**

University transfer coursework—GPA 3.5

**Dean's List** every semester

## SPECIAL TRAINING

**NATIONAL RIFLE ASSOCIATION RANGE SAFETY OFFICER—2000**

**PRIVATE PILOT CERTIFICATE—MAY 1998—FAA exam 95%**

**BOY SCOUTS OF AMERICA CERTIFIED LIFEGUARD—July 2003**

## VOLUNTEER ACTIVITIES:

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EXPERIMENTAL AIRCRAFT ASSOCIATION 292 Web Site Administrator: 2-2004-present

RED CROSS Web Site Administrator: Winnemucca Service Center 10-2002 to 10-2003

BOY SCOUTS Merit Badge Counselor: Troop 223 Committee Feb. 2002 to Oct. 2003

GIRL SCOUTS Co-leader, Service Unit Secretary., March 1999 to October 2003

WINNEMUCCA YOUTH SOCCER ORGANIZATION Coach, Team Mom: 1995-2003

CUB SCOUTS Den Leader: Wolf, Bear and Webelos, 1998-2002

HOMESCHOOLERS OF WINNEMUCCA Secretary: 1998-1999

BLACK ROCK MAMMOTH COMMITTEE Member: 1996 to 1999

NATIONAL ASSOCIATION OF GEOLOGY TEACHERS Coordinator: Fall Field Conf. 1995

GEOLOGY ALUMNI ASSOCIATION President: Cal State Univ. Sacramento 1991-1994

GRADUATE STUDENT ASSOCIATION Vice President: New Mexico Tech., 1985-86

GEOLOGY CLUB Vice President: California State University at Sacramento, 1982-1983

NATIONAL WEATHER SERVICE Observer: Tuscarora, 1991-1993

TUSCARORA WATER DISTRICT Technical Coordinator: Well planning, 1988-1992

NATIONAL EARTH SCIENCE HONOR SOCIETY Treasurer: New Mexico Tech., 1986-1987

NEW MEXICO STATE SCIENCE FAIR Judge: for secondary students, 1986

## **REFERENCES:**

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**LISA COSTA CAMPBELL** Supervisor

**Former Director Of Great Basin College, Winnemucca Branch Campus**

Home: (775) 273-2534

Work: (775) 623-1801

1250 Meridian Road

5490 Kluncy Canyon Road

Lovelock, Nevada 89419

Winnemucca, Nevada 89445

**MIKE MYRHOW** Peer

**Instructor of Mathematics and Business, Great Basin College, Wnmc. Branch Campus**

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5490 Kluncy Canyon Road

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**BARBARA SEALY** Supervisor

**Manager of the Humboldt Service Unit of the Girl Scouts of the Sierra Nevada**

Home: (775) 623-4093

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**LESLIE AXE** Peer

**Advancement Chairman, Boy Scout Troop 223, Northern Nevada District**

Home: (775) 623-4524

5945 Water Canyon Road

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**SUNNY JOHNSON** External Customer

**Director, Winnemucca Service Center, American Red Cross**

Home: (775) 623-0179

Work: (775) 625-1155

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**ELAINE GREEN** Supervisor, internal customer

**Executive Director, Willamette Academy**

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