

Randy Lee Palmer

EDUCATION

Ph.D. in Geophysics	University of Oregon, Eugene	June, 1997
Dissertation: Studies of the Kinematics and Dynamics of Southern California and Northern Baja, Mexico		
M.S. in Physics	University of Oregon, Eugene	April, 1989
B.S. in Physics cum laude	Fort Lewis College, Durango, CO	June, 1987

OUTDOOR AND GUIDING EXPERIENCE

Outfitter/Small Business Owner	Over the Hill Outfitters, Inc.	Mar 1998 - present
Ski Technician	Hassle Free Sports, Durango, CO	Dec 1999 - April 1999
International Trekking Guide	Adventure Specialists, Westcliffe, CO	Jan. 1998 - April 2000
Horsepacking/Mountain Guide	Adventure Specialists, Westcliffe, CO	May 1997 - Nov. 1997
Bicycle Mechanic/Mtn Bike Guide	Adventure Specialists, Westcliffe, CO	May 1997 - Nov. 1997
Mountaineering/Climbing Guide	Adventure Specialists, Westcliffe, CO	May 1997 - Nov. 1997
Mountain Rescue Teaching Asst.	Univ. of Oregon	May 1991
Ski Technician	Hassle Free Sports, Durango, CO	Nov 1983 - Mar. 1986

OUTDOOR EDUCATION

Avalanche II workshop	Jim Frankenfield, CSAC, Corvallis, OR	Jan 1997
-----------------------	---------------------------------------	----------

PROFESSIONAL EXPERIENCE

Computer Technician	Essential Systems, Inc., Durango, CO	Dec 1999- Apr 2000
Small Business Owner	Over the Hill Outfitters, Inc., Durango, CO	Mar 1998 - present
Website Develop/maint.	Hassle Free Sports, Durango, CO	Dec 1998 – Apr 2003
Computer Support/maint.	Hassle Free Sports, Durango, CO	Dec 1998 – Apr 2003
Delivery/Driver support	United Parcel Service, Durango, CO	Nov 1998 - Dec 1998
Research Associate	Dept. of Geological Sciences, Univ. of Oregon	Nov 1997- Feb 1998
Research Assistant	Dept. of Geological Sciences, Univ. of Oregon	Jan 1990 - Jun 1997
Teaching Assistant	Dept. of Physics, Univ. of Oregon	Sep 1988 - Dec 1989
Research Assistant	Los Alamos National Laboratory, Nuclear Physics	Jun 1987 - July 1988
Computer Graphics	Discover Control Corporation, Durango, CO	Dec 1986 - June 1987

SCIENTIFIC FIELD EXPERIENCE

Conducted GEOMEX98 GPS Exp.-- M. Miller, CWU	Mar 1998 - Apr 1998
Conducted GEOMEX96 GPS Exp.-- M. Miller, CWU	Jan. 1996 - Feb.1996
Deep Probe Seismic Exp. -- A. Levander, Rice	Jul. 1995 - Aug.1995
North Eastern San Gabriel Mountain Seismic Exp. -- R. Weldon, UO	Aug. 1994 - Oct. 1994
Managed Snake River Plains Seismic Exp.-- E. Humphreys, UO	Mar. 1993 - Nov. 1993
Participated in Mojave Desert GPS experiment -- M. Miller, CWU	Feb. 1993

SCIENTIFIC FIELD EXPERIENCE (cont)

Managed Rocky Mountain Front Seismic Exp. -- A. Lerner-Lam, LDEO May 1992 - Dec. 1992
Rapid Deployment for Aftershocks, Petrolia, CA -- S. Schwartz, UCSC Apr. 1992
Preliminary Deployment of Rocky Mtn. Front Exp.--A. Lerner-Lam, LDEO June 1991

MEMBERSHIP IN SCIENTIFIC SOCIETIES

American Geophysical Union Aug 1990 - 1998
Four Corners Geological Society Nov 1998 - 2000

MEMBERSHIP IN BUSINESS ASSOCIATIONS

Colorado Outfitters Association Mar 1998 - present
Durango Area Tourism Association (DATO) Mar 1998 - present

MEMBERSHIP IN WILDLIFE ASSOCIATIONS

Rocky Mountain Elk Foundation, outfitter member Jun 1998 – present
Safari Club International Jun 2004 – present
National Wild Turkey Federation Jan 2002 – present

PUBLICATIONS

Antonelis, K., D.J. Johnson, M.M. Miller and R. Palmer, GPS determination of current Pacific-North America plate motion, *Geology*, 27, 299-309, 1999.
Palmer, R., R. Weldon, E. Humphreys and F. Saucier, Earthquake recurrence on the southern San Andreas modulated by fault-normal stress, *Geophys. Res. Lett.*, 22, 535-538, 1995.
Lundgren, P., F. Saucier, R. Palmer and M. Langon, Alaska crustal deformation: Finite element modeling constrained by geologic and very long baseline interferometry data, *J. Geophys. Res.*, 100, 22033-22045, 1995.

ABSTRACTS

Smith, R.B., C.M. Meertens, D.P. Lynch, A.R. Lowry, R. Palmer, and N.M. Ribe, Kinematics of the Yellowstone-Snake River Plain Volcanic System, *Eos Trans. AGU*, 79, 511, 1998.
Smith, R.B., C.M. Meertens, A.R. Lowry, R. Palmer and N.M. Ribe, Evolution and active processes Of the Yellowstone Hotspot, *Eos Trans. AGU*, 78, 876, 1997.
Miller, M.M., D. Johnson, C.S. Whitehill, R. Palmer and E. Humphreys, Modern deformation in the eastern California shear zone from GPS geodesy: Co-seismic, post-seismic and secular deformation, 1991-1994, *GSA Abstracts with Programs*, vol 28, no 7, 451, 1996.
Lowry, A.R., R.B. Smith, C.M. Meertens, R. Palmer, and N.M. Ribe, Late Cenozoic uplift and contemporary lithospheric deformation of the northern Basin and Range province, *GSA Abstracts with Programs*, vol 28, no 7, 514, 1996.
Palmer, R., and E. Humphreys, Sum of the forces driving deformation in southern California, *Eos Trans. AGU*, 76, 580, 1995.
Bump, H., K. Dueker, A.F. Sheehan, C.H. Jones, A. Levander, D. McNamara, R. Palmer, G. Biasi, B. Humphreys, Colorado Plateau crust and upper mantle structure from the Deep Probe natural source experiment, *Eos Trans. AGU*, 76, 604, 1995.

ABSTRACTS (cont)

- Palmer, R., and E. Humphreys, Some of the forces driving deformation in southern California, *Southern California Earthquake Center Annual Meeting*, 1995.
- Palmer, R. and E. Humphreys, The forces driving deformation in southern California, *IUGG XXI General Assembly*, 1995.
- Humphreys, E., R. Weldon, and R. Palmer, Western U.S. deformation: Kinematics and dynamics, *IUGG XXI General Assembly*, 1995.
- Dueker, K., E. Humphreys, R. Palmer, and X. Peng, Seismic investigations of the greater Yellowstone system, *IUGG XXI General Assembly*, 1995.
- Palmer, R. and E. Humphreys, Southern California deformation induced by locally derived forces inferred from upper mantle tomographic P-wave velocity images, *Seventh Annual IRIS Workshop*, 1995.
- Palmer, R. and E. Humphreys, An investigation of the forces driving deformation in southern California, *Eos Trans. AGU*, 75, 178, 1994.
- Humphreys, E.D., K.G. Dueker, G.P. Biasi and R.L. Palmer, Ongoing evolution of western U.S. lithosphere, *Eos Trans. AGU*, (invited Union session) 74, 62, 1993.
- Lundgren, P., M. Langon, R. Palmer and F. Saucier, Crustal motions in Alaska: Finite element modeling constrained by geological and VLBI data, *Eos Trans. AGU*, 74, 192, 1993.
- Humphreys, E., K. Dueker, D. McNamera and R. Palmer, Anisotropic properties across the Yellowstone volcanic track derived from SKS splitting, *Eos Trans. AGU*, 74, 592, 1993.
- Humphreys, E.D., K. Dueker and R.L. Palmer, Dynamically consistent modeling of kinematic data: Application to the central California interplate zone, *Eos Trans. AGU*, 72, 121, 1991.
- Palmer, R.L., R.J. Weldon, C.E. Mitchell, and E.D. Humphreys, Modeling of surface strain rates on the Cascadia subduction zone, *Eos Trans. AGU*, 72, 314, 1991.
- Palmer, R., F. Saucier, R. Weldon and E. Humphreys, Earthquake recurrence on the southern San Andreas modulated by fault-normal stress, *Eos Trans. AGU*, 71, 1452, 1990.