

Curriculum Vitae

ROBERT P. ACKERT, Jr., Ph. D.

Quaternary Geologist / Isotope Geochemist

Education: B.A. University of Maine 1979
University of Bergen 1982
M.S. University of Maine 1990
Ph. D. M.I.T./Woods Hole Joint Program in Oceanography 2000

Present Position: Post Doctoral Investigator,
Department of Earth and Planetary Sciences, Harvard University

Professional Activities: Consulting geologist for Antarctic field research:
1989, 1990, 1992
Assistant Scientist, Sea Education Association, Class 178
11/20/01-1/15/02
Chief Scientist, Sea Education Association, Class 181
3/15/02-6/30/02
Post Doctoral Investigator, Woods Hole Oceanographic Institution
6/00-9/03

Awards: Outstanding student paper in Hydrology Section at Fall AGU, 1997

Recent Publications:

Ackert, R. P., Jr., and Kurz, M.D. (2004) Age and uplift rates of Sirius Group sediments in the Dominion Range, Antarctica, from surface exposure dating and geomorphology: Global and Planetary Change. *In press*.

Ackert, R. P., Jr., Brad Singer, B.S., Guillou, H., Kaplan, M.R., and Kurz, M.D. (2003) Long term cosmogenic ^3He production rates from $^{40}\text{Ar}/^{39}\text{Ar}$ and K-Ar dated Patagonian lava flows at 47°S: *Earth and Planetary Science Letters*, **210** 119-136.

Ackert, R. P., Jr. (2003) An ice sheet remembers. *Science* **299**, 57-58.

Ackert, R. P., Jr., Barclay, D. J., Borns, H. W., Jr., Calkin, P. E., Kurz, M. D., Steig, E. J., and Fastook, J. L. (1999). Measurements of past ice sheet elevations in interior West Antarctica. *Science* **286**, 276-28.

Ackert, R. P., Jr. (1998). A rock glacier/debris covered glacier system at Galena Creek, Absaroka Mountains, Wyoming: Implications for rock glacier chronology. *Geografiska Annaler* **80A**, 267-276.

Kaplan, M.R., Ackert, R.P., Jr., Singer, B.S., Douglass, D.C., and Kurz, M.D. (2004). Cosmogenic exposure chronology of millennial-scale glacial advances during O-isotope Stage 2 in Patagonia. *Geological Society of America Bulletin*, **166**, 308-321.

Singer, B.S., Ackert, R.P., Jr., and Guillou, H. (2004). $^{40}\text{Ar}/^{39}\text{Ar}$ and K-Ar chronology of Pleistocene glaciation in

Patagonia: *Geological Society of America Bulletin*, **116**, 434-450.

Steig, E. J., Fastook, J. L., Zweck, C., Goodwin, I., Licht, K. L., White, J. W. C., and Ackert, R. P., Jr., (2001).
West Antarctic Ice Sheet elevation changes. In "Antarctic Research Series. Vol. 77", Alley, R and
Bindshadler, R., *Eds.* American Geophysical Union, Washington D.C.