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Brian P. Wernicke
Curriculum Vitae

Date and Place of Birth

26 June 1958
Los Angeles, California

Marital Status

Married; two children

Education

PhD, Earth and Planetary Sciences Massachusetts Institute of Technology, 1982
BS, Geological Sciences, University of Southern California, 1978

Current Position

2001-present: Chandler Family Professor of Geology, California Institute of Technology

Positions Held

- 2003-2004: Crosby Distinguished Lecturer, Massachusetts Institute of Technology
- 1992-2001: Professor of Geology, California Institute of Technology
- 1987-1992: Professor of Geology, Harvard University
- 1990: Visiting Professor, California Institute of Technology
- 1986-1987: Associate Professor of Geology, Harvard University
- 1983-1986: Assistant Professor of Geology, Harvard University
- 1982-1983: Assistant Professor of Geology, Syracuse University

Honors and Awards

- Phi Beta Kappa (1978)
- W.A. Tarr Award for Outstanding Undergraduate in Geological Sciences, University of Southern California (1978)
- Presidential Young Investigator Award (1985)
- Honorary A.M. Degree, Harvard University (1987)
- Fellow, Geological Society of America (1991)
- Young Scientist Award (Donath Medal), Geological Society of America (1991)
- Highly Cited Researcher (most-cited 250 in Geosciences category), Institute for Scientific Information (2002)

Professional Service

- Member, Working Group 3, Second Conference on Scientific Oceanic Drilling (COSOD-II), 1986-1987
- Panelist, U.S. Geological Survey External Grants Program, National Earthquake Hazards Reduction Program, 1987
- Member, Continental Margins Committee, Ocean Sciences Board, National Research Council, 1987-1989
- Member, Panel on Coupled Hydrologic/Tectonic/Hydrothermal Processes at Yucca Mountain, Board on Radioactive Waste Management, National Research Council, 1990-1992
- Member, Antarctic Lithosphere Advisory Committee, National Science Foundation, 1990-1991
- Corresponding Member, Working Group 3, Team D, Interunion Commission on the Lithosphere, 1986-1990
- Editorial Board, *Geology*, 1990-1992
- Panelist, Continental Dynamics Program, Division of Earth Sciences, National Science Foundation, 1993-1996
- Member, Young Scientist Award (Donath Medal) Selection Committee, Geological Society of America, 1996-1998
- Member, Earthscope Plate Boundary Observatory Steering Committee, Division of Earth Sciences, National Science Foundation, 1999-present
- Editor-in-Chief, *Tectonics*, 2000-present

Research Interests

Tectonic evolution of the continental lithosphere through judicious combination of field observation and geophysical and geochemical methods; physical processes governing the large-scale structural evolution of mountain belts, especially extension of the continental crust and processes in the deep lithosphere; GPS geodesy and neotectonics, especially earthquakes and slow episodic deformations revealed through comparison of geodetic and geologic measurements.