

Priscilla C. Grew
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Member, IUGG Finance Committee
Professor and Director Emerita
University of Nebraska State Museum of Natural History
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Education:

1967 - Ph.D., Geology, University of California, Berkeley.
1962 - B.A., Geology (magna cum laude), Bryn Mawr College

Honors and Awards:

2011 - Designated Lifetime National Associate of the National Research Council of the U.S. National Academies
2009 - Fellow, Geological Society of London
2003 – Fellow, Center for Great Plains Studies, University of Nebraska
1999 - American Geosciences Institute (AGI) Medal in Memory of Ian Campbell for Superlative Service to the Geosciences (one of only two women ever awarded the Campbell Medal)
1998 – Fellow, Mineralogical Society of America
1985 – Fellow, American Association for the Advancement of Science
1974 - Fellow, Geological Society of America

Positions Held:

University of Nebraska-Lincoln: Professor Emerita (October 2015-present), Professor (1993-2015) Department of Earth and Atmospheric Sciences; Director Emerita (2015-), Director (2003-15) Univ. Nebraska State Museum of Natural History; Faculty Fellow 2016-present, Robert B. Daugherty Water for Food Institute; Univ. Nebraska Native American Graves Protection and Repatriation Act Coordinator, 1998-present; Vice Chancellor for Research, University of Nebraska-Lincoln 1993-1998.

University of Minnesota: Professor (1986-1993), Department of Geology and Geophysics; Director, State Geologist (1987-1993) Minnesota Geological Survey

State of California: Commissioner (1981-1986), California Public Utilities Commission
Director (1977-1981) California Dept. of Conservation (includes California Geological Survey)

Univ. California-Los Angeles (UCLA): Assistant Research Geologist (1972-1977) Institute of Geophysics and Planetary Physics; Adjunct Assistant Professor (1972-1975) Environmental Science and Engineering; Visiting Staff Member Los Alamos Scientific Laboratory (1972-77)

Univ. California-Davis: Visiting Assistant Professor (1973-1974) Department of Geology

Boston College: Assistant Professor (1967-1972), Department of Geology and Geophysics

Scientific Expertise:

Petrology; member of IAVCEI. Doctoral thesis at Berkeley (Professors William S. Fyfe, Francis J. Turner and Bernard Evans) on “Glaucophanes Schists and Associated Rocks of the Tiburon Peninsula, Marin County, California” (the type locality of lawsonite)

Taught mineralogy, petrology, environmental geology and Earth hazards courses at Boston College, UCLA, UC-Davis. At UCLA Institute of Geophysics, most cited paper was Anderson and Grew (1977) “Stress corrosion theory of crack propagation with applications to geophysics.”

Scientific Expertise:

Natural resources and Earth hazards: At UCLA, Executive Secretary of the Lake Powell Research Project, a major NSF-RANN (Research Applied to National Needs) regional environmental study of water and coal development in the Colorado River Basin, with subprojects in geology, geophysics, geochemistry, hydrology, atmospheric sciences, biology, ecology, sociology, anthropology, law, epidemiology, political science, economics, and systems analysis. In California state government, Director of Conservation Department (1977-81) including State Geologist and California Geological Survey, involving geosciences and public policy (earthquake hazards; mined land reclamation, geothermal energy, ground water management; oil, gas and geothermal well regulation). State Geologist of Minnesota (1986-1993), directing county geologic atlases, geologic mapping, Precambrian and mineral resource studies, and aeromagnetic surveys.

Science education: Museum director 2003-15, EarthScope Education Committee (2005-08)

Climate change, public policy: Chaired American Association of Petroleum Geologists Global Climate Change Committee 2007-2010. Member, U.S. Secretary of Energy Advisory Board 1995-1997. Chairman, Geothermal Resources Board, State of California 1977-1981. Member/Chair, Committee on Public Affairs, American Geophysical Union 1984-89. Committee on Geology and Public Policy, Geological Society of America: Member 1981-1983, Chairman 1984.

Relevant Experience in IUGG, Union Associations and other national, international and intergovernmental organizations:

Chair, U.S. Delegation, Member IUGG Council for IUGG Perugia 2007 and Melbourne 2011. Member, IUGG Statutes & Bylaws Committee 2005-11. Attendee IUGG Birmingham 1999, Boulder 1995, Vancouver 1987, Grenoble 1975, Moscow 1971, Berkeley 1963. Chair (2003-11) U.S. National Committee for IUGG, Member (2000-03). U.S. Nominee (2016) for President, International Union of Geological Sciences IUGS. Appointed U.S. Delegate to International Geological Congresses in 1989, 2008, 2012, 2016. Member (2006-12), NAS/NRC Board on International Scientific Organizations (adhering Board for ICSU). U.S. National Committee on Geology (IUGS) Member 1985-1989, Vice Chair 1989-1994; IUGS Working Group on Urban Geology, Chair 1993-95; Coordinating Committee on Continental Drilling, International Lithosphere Program, Member (1988-93). Secretary (1975-79), International Geodynamics Project (IUGG/IUGS) Working Group 5, Properties and Processes of the Earth's Interior. Member (1992-95) NAS/NRC Board on Global Change, (1990-92) NAS/NRC Committee on Global Change. Member (1987-88) Subcommittee on Earthquake Research NAS/NRC, USGS Earthquake Studies Advisory Panel (1979-83). Member, Advisory Committee for Geosciences (1994-96), Advisory Committee for Earth Sciences (1987-90) U.S. National Science Foundation. Member (2000-07) National Committee for DIVERSITAS (UNESCO-IUBS). Section E (Geology and Geography), American Association for Advancement of Science: Chair-Elect, Chair and Past Chair 1994-1996. U.S. Representative, International Geological Correlation Project 275, Deep Geology of the Baltic Shield 1989-1990, Co-convener USA-USSR-Canada Joint Seminar: Precambrian Geology of the Southern Canadian Shield and the Eastern Baltic Shield 1990.