



ROLAND BÜRGMANN
DEPARTMENT OF EARTH AND PLANETARY SCIENCE
389 McCONE HALL
BERKELEY, CALIFORNIA 94720-4767

TELEPHONE: (510) 643-9545
FACIMILE: (510) 643-9980
E-Mail: burgmann@seismo.berkeley.edu

May 18, 2026

CURRICULUM VITAE

EDUCATION:

- *Stanford University*, Stanford, California, Ph.D., Geological Sciences, 1993.
- *University of Colorado*, Boulder, Colorado, M.S., Structural Geology, 1989.
- *Universität Tübingen*, Germany, Vordiplom, Geology, Paleontology and Mineralogy, 1987.

RESEARCH INTERESTS:

Active tectonics, earthquakes and crustal rheology. Using space geodesy to measure deformation near active faults, volcanoes and landslides. Develop mechanical models of crustal deformation through the earthquake cycle along major fault zones to better understand the rheology and deformation mechanisms in the Earth's lithosphere. Exploring interactions of climatic processes and the solid Earth.

PROFESSIONAL EXPERIENCE:

Since 06/06	Professor, Department of Earth and Planetary Science, UC Berkeley
01/01-06/06	Associate Professor, Dept. of Earth and Planetary Science, UC Berkeley
07/98-12/00	Assistant Professor, Department of Geology and Geophysics, UC Berkeley
01/95-06/98	Assistant Professor, Department of Geology, UC Davis
10/93-12/94	Postdoctoral Scholar, Department of Geophysics, Stanford University
06/91-09/91	Student Employee at U.S. Geological Survey, Menlo Park
09/89-06/91	Teaching Assistant, Department of Geology, Stanford University
09/88-05/89	Research Assistant, Department of Geology, University of Colorado, Boulder
10/86-06/87	Research Assistant, Universität Tübingen, Germany

AWARDS AND MEMBERSHIPS:

NAS Arthur L. Day Prize and Lectureship, 2026
Miller Research Professor, UC Berkeley, 2025-2026
Bowie Lecturer, American Geophysical Union, 2024 Fall Meeting
Fellow, American Association for the Advancement of Science (AAAS), 2019
Miller Research Professor, UC Berkeley, 2014
Fellow, American Geophysical Union (AGU), 2013
Birch Lecturer, American Geophysical Union, 2013 Fall Meeting
UC Berkeley Faculty Award for Excellence in Postdoctoral Mentoring, 2012
Alexander von Humboldt Foundation, Friedrich Wilhelm Bessel Prize, 2005
Geological Society of America Outstanding Student Research Award, 1992
Stanford-U.S. Geological Survey Graduate Fellowship, 1991-92

Geological Society of America Grant, 1988, 1990, 1991, and 1992
 Mc Gee Award, 1990, 1991, and 1992
 Centennial Teaching Assistant Award, Stanford University, 1991
 Donath Honors Fellowship in Earth Sciences, 1990-91
 Sigma Xi Grants-in-Aid, 1990
 Fulbright Scholarship, 1987-1989
 'Studienstiftung des Deutschen Volkes' Scholarship, 1987-1989
 Member of the AAAS, AGU, GSA, and SSA

RECENT SERVICE (Since 2021):

2017 – 2021	Member, NASA Earth Science Advisory Committee (ESAC, former ESS)
2020 – 2021	Member, SCEC Committee on Basic Questions of Earthquake Science
2020 – 2021	Member, Science Coordination Committee, 2021 GAGE/SAGE Science Workshop
2021	Member, Subcommittee on SZ4D Implementation Structures
2021	Member, External Review Committee, Earth and Environmental Sciences department, University of Michigan
2015 – 2022	Advisory Board for COMET (Centre for the Observation and Modelling of Earthquakes, Volcanoes and Tectonics), Leeds UK
2016 – 2022	Member, Executive Committee, Miller Institute for Basic Research in Science, Berkeley
2020 – 2022	Member, Steering Committee, SZ4D Research Coordination Network
2021 – 2022	Elected member, UNAVCO Board of Directors
2021 – 2022	Member, EarthScope Governance Planning Team
2022 – 2023	Member, SZ4D Committee on Committees
2020 – 2023	Member, SZ4D Faulting and Earthquake Cycles Working Group
2011 – 2024	Member, National Earthquake Prediction Evaluation Council (NEPEC)
2016 – 2024	Chair, USGS National Earthquake Prediction Evaluation Council (NEPEC)
2016 – 2024	Member, USGS Scientific Earthquake Studies Advisory Committee (SESAC)
2023 – 2024	Member, Proposal Team, EarthScope Consortium
2019 – 2024	Member, SCEC Science Planning Committee (Co-Chair, SDOT Focus Area)
2024 – 2025	Member, NASA ESI Challenges and Opportunities for Research (CORE 2.0) Committee
2023 – 2026	Member, Integration and Innovation Advisory Committee of EarthScope Consortium
Since 2017	Member, Academic Advisory Committee of the Institute of Earth Sciences, Academia Sinica
Since 2019	Member, Advisory Committee of Research Coordination Network: In situ Studies of Rock Deformation (ISRd)
Since 2022	Member, DFG Expertengremium für die Exzellenzstrategie
Since 2023	Member, NASA OPERA CSLC Working Group
Since 2025	Member, Committee on Research (COR), UC Berkeley