BARBARA ROMANOWICZ - Curriculum Vitae
Married - 2 children (grown!)

Education

1970-74	Ecole Normale Supérieure, "Sèvres", Paris, France, major in Pure Mathematics
1972	Maîtrise de Mathématiques Pures, Université Paris 6.
1973	Agrégation de Mathématiques, Paris, France
1975	Master of Science in Applied Physics, Harvard Univ.
1975	Doctorat de 3e cycle in Astronomy, Université Paris 6.
1979	Doctorat d'Etat, Université Paris 7, Spécialité Géophysique.

Employment

1978-79	Attachée de Recherches, C.N.R.S., Institut de Physique du Globe, Paris.
1979-81	Post-Doctoral Associate, M.I.T., Cambridge, Mass.
1981-86	Chargée de Recherches, C.N.R.S., I. P. G., Paris., Founding Director, GEOSCOPE
1986-90	Directeur de Recherches, C.N.R.S., I. P. G., Paris., Director, GEOSCOPE Program
1991-2016	Professor of Geophysics, University of California at Berkeley
1991-2011	Director, Berkeley Seismological Laboratory (http://www.seismo.berkeley.edu)
2002-2006	Chair, Department of Earth and Planetary Science, U.C. Berkeley
2011-2020	Chaire de Physique de l'Intérieur de la Terre, Collège de France, Paris
2016-pres	Professor of the Graduate School, University of California at Berkeley
2020-pres	Professeur Honoraire, Collège de France, Paris

Research Interests

Trained in "pure" mathematics, I became a solid earth geophysicist through a series of chance circumstances, eventually specializing in seismology. My primary research interest is the development of new tomographic methodologies to improve resolution in the imaging of deep earth structure using seismic waves, with application at the global and continental scale, in order to improve our understanding of earth's internal dynamics. I have also worked on earthquake source problems. Another research interest I developed in the last 15 years, following the discovery of the earth's continuous low frequency "hum", present even in the absence of earthquakes, is to help elucidate the coupling processes between the atmosphere/ocean and solid earth that give rise to this phenomenon. Since the mid-1980's, in addition to contributing to the development of data collection infrastructure in geophysics, including global and regional networks of sensors and associated open archives, I have devoted energy to advocate for geophysical instrumentation of the ocean floor, a necessary component for improving illumination of the earth's interior. I also have an interest in planetary science, and was the original PI on the Mars'96 mission which aimed to install a seismometer on Mars, but failed. Four of my former PhD students (2 in France and 2 in the US) are currently involved in the InSight mission which has successfully deployed on Mars.

***Selected Organizational and Administrative Responsibilities (last ~10 yrs)**:*

2009-10	Chair, California Integrated Seismic Network (CISN) Steering Committee
2009	Lead Organizer CIDER Community workshop, Marconi Center , May 17-21,2009
2010	Lead Organizer, SEDI International Meeting, U.C. Santa Barbara (CA), July 18-23,
2010-11	Member, Lehmann medal committee, American Geophysical Union
2011	Member, International Midterm Eval. Committee of the Norwegian CoEs (SFF-II)
2011	Member, Arthur Holmes Medal Committee, European Geophysical Union.
2011	Member, Evaluation Committee for the Depart. of Earth Sciences, ETH, Zurich
2011-2012	Member, Planning Committee, IRIS (Incorporated Research Institutions for Seismology).
2012	Member, International Review Committee, Earth Observatory of Singapore
2012	Member, Scientific advisory Committee, Dept of Geology, ENS, Paris
2012-2018	PI, NSF/FESD CIDER-II program (Director of CIDER and coordinator,

CIDER summer programs, since 2004).
2010-2013 Co-Chair (2011) and Chair (2013) Gordon Research Conference on “Interior of the Earth”
2012-2014 Member, Conseil d'Etablissement, Collège de France, Paris
2012-2014 Chair, Section 16, National Academy of Sciences
2013 Member, Search Committee for the President of IRIS
2013-2014 Member Holmes Medal Committee, EGU
2015 Chair, Review Committee, DTM, Carnegie Institution of Science
2015 Member, Review Committee, Department of Earth Sciences, Oxford U
2015-pres Member, advisory board of the Max Planck Institute for Solar System Research, Goettingen, Germany
2016 Chair, Seismology Fellows Committee, AGU.
2016- pres Member of the Scientific Council, European Research Council (ERC). (2019-pres: chair, ErC-SC' sGender Issues Working Group)
2016- pres Member, Advisory Committee for EPOS (European Plate Observing System)
2018- pres Member Strategic Advisory Committee, Faculty of Mathematics and Natural Sciences, Univ. of Oslo, Norway
2020- pres Member, Advisory Board, Institute of Geophysics, Polish Academy of Sciences
2021- pres Member, Advisory Committee, GEO Directorate, NSF.

Journal Editorship
1988-1989 Editor, Geophysical Research Letters (AGU Journal)
1995-2000 Chief Editor, Physics of the Earth and Planetary Interiors.
2007-2016 Reviewing Editor for the journal "Science"

Academic Awards and Distinctions:
1989 French Academy of Sciences Prize (Fonds Doistau-Blutet);
1990 Fellow, American Geophysical Union;
1992 Silver Medal of the Centre National de la Recherche Scientifique (French NSF);
1999A. Wegener Medal of the European Union of Geosciences;
2001 Fellow, American Academy of Arts and Sciences;
2003 Beno Gutenberg Medal, European Geophysical Society;
2004 Beno Gutenberg Lecturer, American Geophysical Union;
2005 Member, National Academy of Sciences;
2008 Chevalier de la Légion d’Honneur, France;
2009 Inge Lehmann Medal of the American Geophysical Union;
2010 Miller Professor, Univ. of California, Berkeley;
2011 Harry Reid Medal of the Seismological Society of America;
2013 Martin Meyerson Berkeley Faculty Research Lecturer;
2013 Elected Member, Académie des Sciences, France;
2017 Plenary lecture invited speaker at the IASPEI meeting in Kobe (Japan);
2018 Elected Foreign Member, Polish Academy of Sciences;
2019 Emil Wiechert Medal of the German Geophysical Society
2019 Marcus Milling Legendary Geoscientist Medal, AGI
2019 Award "Wibitny Polak na Swiecie" ("Outstanding Pole in the world")
2019 Elected Fellow of the IUGG (International Union of Geodesy and Geophysics)
2019 William Bowie Medal, American Geophysical Union
2020 Wollaston Medal, Geological Society of London
2021 IASPEI Medal

BR has supervised ~40 PhD's and 27 post-docs and is the author of 250+ publications