

Biographical Information: Peter Marston Shearer

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Education

Yale University, B.S. (Geology and Geophysics), 1978
University of California, San Diego, Ph.D. (Geophysics), 1986

Employment

Postdoctoral Research Associate, University of Cambridge, 1986–88
Green Scholar / Assistant Research Geophysicist / Lecturer, UCSD, 1988–91
Associate Professor of Geophysics, UCSD, 1991–95
Professor of Geophysics, UCSD, 1995–present
Associate Dean, SIO/UCSD, 2013–2018

Awards

Distinction in Geology and Geophysics, Magna Cum Laude, Yale, 1986
Fellow, American Geophysical Union (AGU), 1999
Outstanding Graduate Teaching Award, SIO, 2003
Excellence in Refereeing, AGU, 2003
Gutenberg Lecture, AGU, 2005
Elected National Academy of Sciences, 2009
Lehmann Medal, AGU, 2020

Professional Activities

AGU SEDI Committee, 1991–2002, Chair from 2000–02
USGS/NEHRP Proposal Review Panel, 1994–95
Journal of Geophysical Research (JGR) Associate Editor, 1995–98
IRIS Executive Committee, 1996–00
Nominating Committee for SSA Board of Directors, 1997–98
Organizer, IRIS Workshop in Santa Cruz (3 days), 1998
Steering Committee, USArray project, 1998–02
AGU Fall Meeting Program Committee, 1998–00
Chair, IRIS membership committee, 1998–01
Chair, IRIS budget committee, 1999–01
SSA Annual Meeting Program Committee, 1999–00
Vice-chair, SCEC Seismology Committee, 2001–2003
Guest Editor, PEPI special SEDI issue, 2002–03
Nominating Committee, IRIS Executive Committee, 2000
SSA Award Committee, 2006
EarthScope workshop planning committee, 2006–07
California Integrated Seismic Network Advisory Committee, 2007–2014
President-Elect, Seismology Section, AGU, 2008–10
NSF Geophysics Panel, 2007–09
President, Seismology Section, AGU, 2010–12
NRC Board on Earth Sciences and Resources (BESR), 2010–2015
Editor, Earth and Planetary Science Letters, 2010–2017
Caltech GPS department visiting committee, 2010
National Earthquake Prediction Evaluation Council (NEPEC), 2015–present

Seismological Society of America (SSA) Board, 2015–20
President, Seismological Society of America (SSA), 2018–19
SCEC, Board of Directors, 2020–present
NASA InSight Mission Senior Review Panel, 2020

Visiting Appointments

Australia National University, June–December 1996
Earthquake Research Institute, University of Tokyo, August–September 2009
California Institute of Technology, January–March, 2010
Lawrence Livermore National Lab (LLNL), January–June, 2020

Professional Societies

American Geophysical Union (AGU), 1982–present
Seismological Society of America (SSA), 1982–present
National Academy of Sciences, 2009–present

Publications

Book

Introduction to Seismology, Cambridge University Press, Cambridge (1999, 2009, 2019)

Journal articles

Over 200, see <http://igppweb.ucsd.edu/~shearer/mahi/publist.html>

PhD students

Bettina Allmann, Richard Aster, Joydeep Bhattacharyya, Janine Buehler, Renee Bulow,
Xiaowei Chen, Paul Earle, Wenyuan Fan, Guoqing Lin, Nick Mancinelli, Germán Prieto,
Keith Richards-Dinger, Daniel Trugman, Wei Wang, Linda Warren

Postdocs

Richard Aster, Luciana Astiz, Janine Buehler, Elizabeth Cochran, Marine Denolle, Megan
Flanagan, Jeanne Hardebeck, Miaki Ishii, Michael Kendall, Jesse Lawrence, Tianze Liu,
Robin Matoza, Satoko Oki, Catherine Rychert, Takahiko Uchide, Kristoffer Walker,
Songqiao Wei, Huajian Yao, Zhongwen Zhan, Qiong Zhang