
SUMMARY VITAE
CHARLES A. LANGSTON

PERSONAL DATA

Center for Earthquake Research and Information
The University of Memphis
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EDUCATION

| | | |
|------|-------|--|
| 1972 | B.S. | (Geology), Case Western Reserve University |
| 1974 | M.S. | (Geophysics), California Institute of Technology |
| 1976 | Ph.D. | (Geophysics), California Institute of Technology |

PROFESSIONAL EXPERIENCE**California Institute of Technology**

| | |
|-----------|--------------------------|
| 1972-1974 | Research Assistant |
| 1974-1975 | Louis D. Beaumont Fellow |
| 1975-1976 | Research Assistant |
| 1976-1977 | Research Fellow |
| 1980 | Visiting Associate |

The Pennsylvania State University

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|-------------|-------------------------------------|
| 1977-1982 | Assistant Professor of Geophysics |
| 1982-1986 | Associate Professor of Geophysics |
| 1985 | Director of the Seismic Observatory |
| 1986 - 2001 | Professor of Geophysics |

The University of Memphis, CERl

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|--------------|---|
| 2000-2001 | Distinguished Visiting Professor |
| 2001-2023 | Professor of Seismology and Earth Structure |
| 2004-2008 | Director of Research |
| 2008-2022 | Director |
| 2024-present | Professor Emeritus |

PROFESSIONAL ACTIVITIES**Society Membership**

American Geophysical Union
Associate Editor for *Jour. Geophys. Res.* (red) 1980-1982
Seismology Section Chairman for the 1985 and 1986 Spring Meeting
Seismological Society of America
Associate Editor for Earthquake Notes 1979-1990
Technical Chairman for the 1980 meeting of the Eastern Section
Associate Editor for the *Bulletin of the Seismological Society of America* 1985 - 1988
Board of Directors 1988-1990
Vice President 1989
President 1990
Editor for the *Bulletin* 1992 - 1995
Member of *SRL* Editor Search Committee 2001

Executive Committee of the Eastern Section 2002-2009 (Secretary, vice-Chair, Chair, 5th member)
 Member of the Government Relations Committee 2012-2015
 Member of the Reid Medal Committee 2012-2015
 Geological Society of America
 Acoustical Society of America, Associate Member
 Oughtred Society

Other Professional Service

Member of the U.S.G.S. proposal review panel on Earthquake Hazards 1983, 1984, 1987, 1988, 1993, 2012
 Reviewer of proposals for the National Science Foundation.
 IRIS Committees: Global Seismic Network 1993-1995; Joint Seismic Program 1993-1995; USArray Advisory 2009-2011; CEUSN Working Group 2015-2017
 Member of UNAVCO PBO Advisory committee 2012-2015
 Member of Committee for DOD Graduate Fellowships - 1989
 Consultant for the Arms Control and Disarmament Agency (now Bureau of Verification, Department of State)
 Member of Red Team on the Verifiability of the Comprehensive Test Ban Treaty, Arms Control and Disarmament Agency, 1997
 Member of the Committee on Seismology, Commission on Geosciences, Environment, and Resources, National Research Council 1991-1997
 Chair of the NSF Visiting Committee for the Southern California Earthquake Center
 Member of the U.S.G.S. Advanced National Seismic System Steering Committee 2014-2017 (SSA Representative)

AWARDS

ARCO Outstanding Junior Faculty Award (1981)
 Fellow of the American Geophysical Union (2003)
 Dunavant Professor, College of Arts and Sciences (2008-2011)
 Jesuit Seismological Association Award, Eastern Section SSA October 2011
 Outstanding Reviewer for 2012 Geophysical Journal International
 "P.I. Millionaire" from University of Memphis 2012
 Outstanding Reviewer for 2019 Seismological Research Letters

CURRENT RESEARCH ACTIVITIES

Array Seismology, Regional Wave Propagation, Signal Processing, Source Modeling, Theoretical Wave Propagation in General Elastic Media, Field Geophysics, Physical Acoustics - Infrasound

PUBLICATIONS and PRESENTATIONS

171 publications in peer-reviewed journals, list available on request.
 Over 400 presentations given at national scientific meetings, outreach engagements, and workshops, over 50 invited.

GRADUATE STUDENTS

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|-------------------------------------|-------------------------------------|
| 28 Masters Students graduated (PSU) | 7 Masters Students graduated (UofM) |
| 9 Ph.D. Students graduated (PSU) | 18 Ph.D. Students graduated (UofM) |

POSTDOCTORAL MENTORING

3 (PSU)
 3 (UofM)