

CURRICULUM VITAE

Name: William Jeffrey Hughes
Born: 26 May 1950 at Bangor, Wales

Present Positions: Professor of Astronomy, Boston University
Director, Center for Integrated Space Weather Modeling

Nationality Status: British Subject, Permanent U.S. Resident

Address: Department of Astronomy, Boston University,
725 Commonwealth Avenue, Boston, MA 02215

Telephone: (617) 353-2471
FAX: (617) 353-6463
e-mail: hughes@bu.edu

Education

DATES	INSTITUTION	DEGREES AWARDED AND DATE
1960-67	Rydal School	
1968-71	Imperial College University of London	B.Sc., A.R.C.S., in Theoretical Physics, 1971
1971-74	Imperial College University of London	Ph.D., D.I.C., in Space Physics, 1974 (Thesis Supervisor: Prof. J.W. Dungey)

Professional Appointments

2002-	Director, Center for Integrated Space Weather Modeling
1997-02	Chairman, Department of Astronomy, Boston University.
1990-	Professor, Department of Astronomy, Boston University.
1987-97	Director, Center for Space Physics, Boston University.
1984-90	Associate Professor, Department of Astronomy, Boston University.
1984-85	Visiting Fellow, The Blackett Laboratory, Imperial College, London.
1978-84	Assistant Professor, Department of Astronomy, Boston University
1976-78	Research Assistant, The Blackett Laboratory, Imperial College, London.
1975-76	Visiting Scholar and Assistant Research Geophysicist, Institute of Geophysics and Planetary Physics, UCLA.
1974-75	Visiting Fellow, Cooperative Institute for Research in the Environmental Sciences, University of Colorado/NOAA.
1968 (8 months)	Student Apprentice, General Electric Company, Hurst Research Laboratories, Wembley, England.

Professional Societies

Member, American Geophysical Union
Fellow, Royal Astronomical Society
Member, Sigma Xi

Scholarships, Awards etc.

Pantfyedwyn Trust Scholar, (1963-1967)
Imperial College Exhibitioner, (1969-1971)
Senior Fulbright-Hayes Exchange Scholar, (1974-1976)

Professional Community Service

- Referee: Journal of Geophysical Research
 Geophysical Research Letters
 Journal of Geophysics
 Planetary and Space Science
 Journal of Atmospheric and Solar-Terrestrial Physics
 Annales Geophysicae
- Convenor: Symposia on “Hydromagnetic Wave Particle Interactions,” “The Physics of Pulsation Resonance Regions,” and “Characteristics and Structures of Pi2 Pulsations,” held at IAGA Scientific Assembly, Edinburgh, August, 1981.
- Chairman: International Sun Earth Explorer (ISEE) Working Group on Waves and Pulsations, 1980-1984.
- Member: Program Committee: Chapman Conference on “Waves in Magnetospheric Plasmas,” Hawaii, February, 1983.
- Guest-Editor: Geophysical Research Letters special issue on “on “Waves in Magnetospheric Plasmas,” August, 1983.
- Reporter: on “Hydromagnetic Waves in the Magnetosphere” for the U.S. National Report to XVIII IUGG General Assembly, Hamburg, August, 1983.
- Associate Editor: Geophysical Research Letters, 1983-1986.
- Convenor: Symposium on “ULF and VLF Waves” held at XXI URSI General Assembly, Florence, August 1984.
- Chairman: IAGA Working Group III-1 on ULF Pulsations 1983-1987.

Convenor: Symposium on “Spatial Structure in ULF Wave Fields” held at IAGA Scientific Assembly, Exeter, England, August, 1989.

Member: Editorial Board of Planetary and Space Science. 1989-1992.

Secretary: Magnetospheric Physics (SM) Section, American Geophysical Union, 1990-1992.

Member: NSF Geospace Environment Modeling (GEM) Steering Committee. 1991-1998.
Chairman: 1994-1997.

Member: American Geophysical Union, Meetings Committee. 1992-1996.

Member: Program Committee: Chapman Conference on “Solar Wind Sources of Magnetospheric ULF Waves”, Williamsburg, VA, September 1992.

Member: National Research Council Committee on Geophysical and Environmental Data. 1992-1995.

Member: AGU Space Physics and Aeronomy (SPA) Section Awards Committee. 1992-1996.
Chair: 1992-1994.

Member: Program Committee: COSPAR Symposium “Result of the Inter-Agency Solar Terrestrial Program (IASTP)”, Birmingham, UK, July 1996.

Member: American Geophysical Union, Budget and Finance Committee. 1996-2000.

Member: Organizing Committee: The Sixth US-Finnish Auroral Dynamics Workshop: Magnetospheric-Ionospheric Dynamics, Melbourne, Florida, 2-5 February 1997.

Associate Editor: Journal of Geophysical Research, 1997-2001

Vice-Chairman: University Space Research Association, Council of Institutions. 1998-1999;
2004-2006.

Chairman: University Space Research Association, Council of Institutions. 1999-2000, 2006-2008.

Coordinator: Geospace Environment Modeling Program (GEM), Magnetosphere-Ionosphere Coupling Campaign, 2000-2006

Member: American Institute of Physics, Physics Resources Policy Committee. 2002-2008

Member: University Space Research Association (USRA) Board of Trustees. 2004-8

Boston University Committee Appointments and Service

Director of Graduate Studies, Department of Astronomy, 1980-1984, 1985-1987.

Member: University Research Advisory Committee, 1981-1984.

Member: University Graduate Research Fellowship Committee, 1984-1989.

Member: Faculty Council Research Activities Committee, 1986-1991.
(Chairman, 1987-1989)

Member: Faculty and University Councils, 1986-1990.

Member: University Council Research Activities Committee, 1987-1991.
(Chairman, 1987-1989)

Member: College of Liberal Arts, Appointment, Promotion and Tenure Committee, 1987-1988; 1993-1994; 1996-1997.

Director: Center for Space Physics, Graduate School of Arts and Sciences, 1987-97

Chairman: University Reaccreditation Task Force on Research, 1988-1989.

Member: College of Liberal Arts Executive Committee, 1988-1991.

Chairman: Faculty Council Nomination Committee, 1989-1990

Member: University Promotion and Tenure Committee, 1992-1993; 1995-1996.

Chairman: Astronomy Graduate Admissions Committee, 1992-1995.

Member: University Fulbright Committee, 1993-1996.

Chairman: Department of Astronomy, College of Arts and Sciences, 1997-2002.

Chairman: College of Arts and Sciences Academic Conduct Committee, 2003-2004