

## CURRICULUM VITAE

Wallace Leslie William **Sargent**

Born 15 February 1935. Elsham, Lincolnshire. Citizenship: US (naturalized) and UK..

Married 1964–Anneila Isabel Cassells (B.Sc., (Edinburgh); M.S.; Ph.D. (Caltech)) of Burntisland, Fife, Scotland.

Children: Lindsay Eleanor (Berg) (born July 8, 1970), Alison Clare (Hubbs) (born January 25, 1972).

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### Education:

Winterton, Lincs. Primary School 1940-1946 (Barrett Prize for Scripture 1946).

Scunthorpe Technical High School 1946-53 (first pupil to go to a University).

Manchester University 1953-59 B.Sc. Hons. Physics 1956

M.Sc. Astrophysics 1957

Ph.D. Astrophysics 1959 (Thesis: Some Problems in Cosmical Gas Dynamics).

### Jobs:

Research Fellow in Astronomy, California Institute of Technology 1959-1962.

Senior Research Fellow, Royal Greenwich Observatory 1962-1964.

Assistant Professor of Physics, University of California, San Diego 1964-1966.

Assistant Professor of Astronomy, California Institute of Technology

1966-1968; Associate Professor 1968-71; Professor 1971-81.

Executive Officer for Astronomy 1975-81 and 1996-97.

Director, Palomar Observatory 1997-2000.

Ira S. Bowen Professor of Astronomy 1981-

### Honors and Awards:

Alfred P. Sloan Foundation Fellow 1968-1970.

Helen B. Warner Prize, American Astronomical Society 1969.

Fellow, American Academy of Arts and Sciences 1977-.

Princeton Spring Lecturer in Astronomy 1979

Fellow, Royal Society 1981-.

George Darwin Lecturer, Royal Astronomical Society 1987.

Director's Distinguished Lecturer, Lawrence Livermore Laboratory 1988.

Dannie Heineman Prize, American Astronomical Society and American Institute of Physics 1991.

Miller Visiting Professor, U.C. Berkeley 1993.

Catherine Wolfe Bruce Gold Medal, Astronomical Society of the Pacific, 1994

Thomas Gold Lecturer, Cornell University, 1995.

Sackler Distinguished Lecturer, Harvard U. 1995.

Sackler Prize Lecturer, U.C. Berkeley, 1996.

Associate, Royal Astronomical Society, 1998.

Henry Norris Russell Lecturer, American Astronomical Society 2001.

Icko Iben Lecturer, University of Illinois at Urbana-Champaign 2002.

Vice-President, American Astronomical Society (2004-7)

Member, National Academy of Sciences, 2005

**Visiting Fellow:**

Mount Stromlo Observatory, Australian National University 1965, 1967.  
Institute of Theoretical Astronomy, Cambridge University 1968-72, 1974, 75,  
1979, 1982, 1987.  
Department of Astrophysics, Oxford University 1973.  
University of Groningen 1978.  
European Southern Observatory, Geneva 1980, Munich 1983, 1985.  
Arcetri Observatory, University of Florence 1981, 2000.  
Institut d'Astrophysique, Paris 1984.  
Royal Observatory, Edinburgh 1990.  
Max-Planck-Institut für Astronomie, Heidelberg 1992, 1993, 1994, 1997.  
University of California, Berkeley, 1993

**Committees:**

Northern Hemisphere Review Committee (U.K. SRC) 1968-69.  
University of Arizona Astronomy Visiting Committee 1970-73.  
Committee on Space Astronomy and Astrophysics (National Academy of Sciences) 1975-78.  
Study Group for Space Telescope Science Institute (National Academy of Sciences) 1976.  
Time Assignment Committee, Cerro Tololo Inter-American Observatory 1976-79 and 1990-92.  
Member, Editorial Board, Annual Reviews of Astronomy and Astrophysics 1977-81.  
University of Hawaii Visiting Committee 1978.  
Member, Harvard College Observatory Visiting Committee 1979-1986.  
Trustee: Universities Research Associates 1980-82.  
Member, Harvard-Smithsonian Center for Astrophysics Board 1983-91.  
Visiting Committee in Astrophysics, Stanford University 1986.  
Visiting Committee, Mount Wilson and Las Campanas Observatories 1987.  
Visiting Committee, Astronomy Program, State University of New York at Stony Brook 1987.  
Chairman, Visiting Committee, Harvard College Observatory 1987-93.  
Member, Visiting Committee, Astronomy Dept., U. C. Berkeley, 1988.  
Member, Astronomy and Astrophysics Survey Committee, National Academy of Sciences 1989-91.  
Member, Visiting Committee, Space Telescope Science Institute, 1989-91  
Member, Space Telescope Advisory Committee, 1990-91.  
Chair, Hubble Fellowship Committee, STScI, 1990.  
Chair, Quasars and AGN Panel, Hubble Space Telescope TAC, 1992  
Member, Visiting Committee, Astronomy Program, U. C. Santa Cruz, 1993.  
Member, Observatories of the Carnegie Institution of Washington Visiting Committee 1998  
Member, Science Steering Committee, Keck Observatory 1985-2000; (Co-Chair, 1985-89, 1990-93).  
Member, Fachbeirat, Max-Planck-Institut für extraterrestrische Physik, Garching, Germany, 1993-2000  
Caltech Member Representative AURA, 1995-2001  
Member, AURA Coordinating Committee of Observatory Research Directors, 1996-2000  
Member, Board of Directors, California Association for Research in Astronomy, 1997-2000  
Member, Committee on the Status of Women, Am. Astr. Soc. 1998-2001  
Member, Hubble Space Telescope Cycle 10 TAC (Chair, ExGAL-4 Panel), 2000  
Member, Hubble Space Telescope TAC, 2001.  
Member, AURA Gemini Oversight Committee 1997-2003  
Member, California Extremely Large Telescope (CELT) Steering Committee 1999-2002  
Member, SIRTf Science Center Oversight Committee 2000-2003  
Member, Visiting Committee, MIT Center for Space Research (2003-9)

**Professional Affiliations:**

American Astronomical Society, Royal Astronomical Society, Astronomical Society of the Pacific, International Astronomical Union.