

Curriculum Vitae: John N. Bahcall

Born: 12/30/34, Shreveport, Louisiana

A.B., M.S., Ph.D. (physics) U.C. Berkeley 56, U. of Chicago 57, Harvard 61

Married: Neta Assaf Bahcall (9/21/66); **Children:** Safi, Dan, Orli

Positions:

Indiana University, Research Fellow in Physics, 1960-1962

CalTech, Res. Fellow, Asst. Prof., Assoc. Prof. of Physics: 1962-1970

Institute for Advanced Study, Member 1968-1969 (term II), 1969-1970; Professor Natural Sciences 1971-1997; Richard Black Professor Natural Sciences 1997-date

Princeton University, Visiting Lecturer with rank of Professor, 1971-date

Honors:

Warner Prize American Astronomical Society, 1970; Sloan Foundation Fellow, 1968-1971

National Academy of Science, American Academy of Arts and Sciences, Member 1976

James Arthur Prize Lecturer, Harvard-Smithsonian Center for Astrophysics, May 1988

NASA Distinguished Public Service Medal, 1992

The Jessie and John Danz Lectureship, University of Washington, May 1992

Academia Europaea, Member 1993; Nevada Medal of Science 1994

Dannie Heineman Prize, American Institute of Physics/Amer. Ast. Soc. 1994

Award Medal, University of Helsinki 1996

Hans Bethe Prize, American Physical Society 1998

National Medal of Science, United States 1998

Russell Prize, American Astronomical Society; Medal College de France 1999

Bernhard Lecture and Medal Royal Swedish Academy Sciences 2001

American Philosophical Society, Member 2001

Benjamin Franklin Medal in Physics 2003 (with R. Davis and M. Koshiya)

Dan David Prize 2003

Gold Medal, Royal Astronomical Society 2003

Fermi Award 2003 (with R. Davis)

Comstock Prize in Physics, US National Academy of Sciences, 2004

Academy of Achievement, Golden Plate Award 2004

International Academy of Astronautics, Hubble Space Telescope Team Award 2004

Honorary Doctorate of Science: Univ. of Pennsylvania, Univ. of Chicago 2000; Univ. of

Notre Dame, Ohio State Univ. 2001; Hebrew University Jerusalem 2003; University of

Milano, 2004

Responsibilities and Offices:

Hubble Telescope Working Group, At-Large Member, Interdisciplinary Scientist, 1973-1992

American Astronomical Society, Councillor, President 1978-1981, 1990-1992

National Academy of Science, Chair, Section on Astronomy, 1980-1983

National Academy of Sciences, Chair Astron. and Astrophys. Survey Committee, 1989-1991

National Academy of Sciences, Chair Panel on Neutrino Astrophysics 1994-1995

Chair, U.S. National Committee of the International Astronomical Union 1996-1998
Chair, National Underground Science Laboratory Committee 2001
Chair, Nova International Advisory Board (Dutch Astronomy) 1998-2003
Chair, NASA HST-JWST Transition Panel Review 2003
American Physical Society, Vice-President 2004-2005

Books:

Neutrino Astrophysics Cambridge University Press (1989).
Solar Neutrinos: The First Thirty Years, eds. J. Bahcall, R. Davis, P. Parker, A. Smirnov, and R. Ulrich, first paperback edition, Westview Press (2002).
Unsolved Problems in Astrophysics, John N. Bahcall and Jeremiah P. Ostriker, eds., Princeton University Press (1997).
The Redshift Controversy, auths. H. Arp & J. Bahcall, ed. G. Field, Addison-Wesley (1973)
The Decade of Discovery in Astronomy and Astrophysics, J. Bahcall, Chair, and NAS Survey Committee Members, National Academy Press (1991).