JOHN PETER HUCHRA

Personal information:

Born: December 23, 1948 Citizenship: U.S.

Harvard-Smithsonian Center for Astrophysics

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Married to Professor Rebecca M. Henderson, M.I.T.

One child: Harry Matthew, b. Nov 18, 1995

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Education and Positions Held:

B.S., Physics, Massachusetts Institute of Technology, 1970.

Ph.D., Astronomy, California Institute of Technology, July 1976.

M.A., Harvard University (Honorary), 2005.

Center Fellow, Harvard-Smithsonian Center for Astrophysics, 1976 - 1978.

Astronomer, Smithsonian Astrophysical Observatory, 1978 - 1989.

 $Senior\ Astronomer,\ Smithsonian\ Astrophysical\ Observatory,$

1989 - 2005.

Lecturer, Harvard University (Department of Astronomy) 1979 - 1984.

Professor of Astronomy, Harvard University, 1984 - 2002.

Vice Provost for Research Policy, Harvard University 2005-6

Robert O. & Holly Thomis Doyle Professor of Cosmology 2002 — Senior Advisor to the Provost on Research Policy 2006 —

Visiting Scientist, Space Telescope Science Institute, 1986, 1990.

Centennial Lecturer, Utah State University 1987.

Visiting Lecturer, University of Minnesota 1988.

Associate Director, SAO-OIR Division 1989 - 1998

Associate Director, Harvard College Observatory 1990 - 1998

Vaughan Visiting Professor, University of Texas 1991.

Visiting Professor, Caltech 1991.

Visiting Professor, U. C. Santa Cruz 1993.

Director, F.L. Whipple Observatory 1994 - 1998.

Lyman Spitzer Lecturer, Princeton, 1997.

Scientific Editor, Astrophysical Journal 1998 - 2003.

Raymond and Beverly Sackler Distinguished Astronomer, Cambridge University University 2003-5

Interim Director, Harvard-Smithsonian CfA, 2004.

Honors

A.A.A.S. Newcomb-Cleveland Award – 1989

Member, American Academy of Arts and Sciences — 1991 —

Aaronson Prize — 1992

Fellow of the American Physical Society — 1992 —

Member, National Academy of Sciences — 1993 —

Fellow of the American Association for the Advancement of Science — 1994 —

NASA Group Acheivement Award for 2MASS — 2000

National Associate of the National Academy of Sciences — 2001 —

Maria & Eric Muhlmann Award of the ASP (2MASS Team) — 2006

National and International Committees

KPNO Telescope Time Allocation Committee 1984 - 1986

NSF-NOAO Visiting Committee 1984 - 1987

ST Working Group on Galaxies and Clusters of Galaxies 1984 - 1985

NASA IRAS Proposal Review Panel 1985

Arecibo Observatory Scientific Advisory Committee 1985 - 1988

American Astronomical Society Publications Board 1985 - 1989

Chairperson 1986-1988

American Institute of Physics Committee on Publishing Policy 1988-1995

AIP Sub-Committee on Information Technology 1988-90

AIP Subcommittee on Journals 1990-92

AIP Subcommittee on Translation Journals (Chair) 1993 – 1995

NASA IUE Proposal Review Panel —1986

Chairperson, Galaxies Committee — 1986

NASA Infrared Project Concepts Review — 1986

NASA IRAS Proposal Review Panel

Chairperson, Extragalactic Astronomy Committee — 1986

National New Technology Telescope Site Review Committee — 1986-87

NOAO Future Directions Committee — 1986-87

NASA SADAP Review — 1987

Space Telescope Institute Council — 1987-95

N.S.F. Science and Technology Research Centers Site Review Panel — 1988

Chairperson, IAU Working Group on Galaxy Radial Velocities — 1988 –

NASA/IPAC Astronomical Data Base Advisory Committee

Chairperson — 1988-92

AAS Membership Survey Subcommittee — 1989-90

NASA Rosat Review Panel — 1989

NAS/NRC Astronomy and Astrophysics Survey, Optical Panel — 1989-90

Arecibo Advisory Board and Visiting Committee — 1989-92

CTIO Users Committee — 1989-91

Princeton Digital Sky Survey Telescope Review — 1991

NOAO Gemini Project Science Requirement Committee — 1991

NASA Theoretical Astrophysics Review — 1991

Hubble Space Telescope Time Allocation Committee (Final TAC) — 1991/2

Pub. of the Astronomical Society of the Pacific Editorial Board — 1992-6

NASA-HST Advanced Camera Study Group/AC IDT — 1992-3

NOAO Gemini Faint Object Spectrograph Working Group — 1993

NSF Gemini 8-meter Independent Review Committee — 1993

NASA UV&O Astrophysics Review — 1993

US Gemini Science Advisory Committee — 1993-95

University of Texas and McDonald Observatory Visiting Committee — 1993

Gemini Directorship Search Committee, Chair — 1993-4

US National Committee for the IAU — 1994-6; 2000-2007

Vice Chair 2001-4

Chair 2005-7

NAS Watson Prize Committee — 1993

ESO Visiting Committee — 1993-6

IAU Organizing Committee for Commission 28 — 1994-99

NAS/NRC Committee on Astronomy and Astrophysics — 1994-2001

Co-Chair — 1997-2001

Canadian Astronomical Facilities Review Panel 1995-6

Warner/Pierce Prize Committee — 1995-96, Chair 1996

STScI Director's Advisory Committee — 1995

AURA Board of Directors/Member Representative (Harvard) — 1995-2009

Executive Committee — 1995-6

Interim Board — 1996-7

Board of Directors — 1997-2004

Chair 2001-2004

Membership Committee (Chair) — 2004 –

NOAO 2-m Telescope Advisory Group, 1995

NOAO Director Review Committee, 1996

APS Astrophysics Division Executive Committee 1996-97

NAS/NRC Board on Physics and Astronomy — 1997-2003

Chair — 2000-2003

NSF Career Awards Review Panel, 1997

Chair, USGP Workshop on Supporting Facilities for 8-m Class Telescopes

IAU Working Group on Sky Surveys, Organizing Committee 1997 - 1999

Chair, Organizing Committee for Sky Surveys in the Next Millenium

AAS Committee on Astronomy and Public Policy — 1998-2001

AURA Nominating Committee —1998-2000 (Chair 1998/99); 2005-6

AURA/NOAO Future Directions Committee, Chair — 1998-9

Odyssey Magazine Advisory Board 1998—

Netherlands Organization for Scientific Research, NRFA Review 1999

NRC/NAS AASC Steering Committee 1999-2000

NGST NIR Spectrograph Study Panel 1999

NGST Ad Hoc Science Working Group 1999-2000

Hubble Space Telescope Time Allocation Committee — 1999 (Cycle 9)

AURA Presidential Search Committee 1999

NSF Portfilio Review Committee 1999

U. S. Steering Committee for the International Union of Pure and

Applied Physics 1999-2003

PPARC VISTA External Review Committee 1999 — 2002

NAS/NRC Committee on Physics in the Universe 2000 — 2002

NOAO Director Search Committee (Chair) 2000

NAS Draper Prize Committee 2000

SIRTF Legacy Review Committee (TAC) 2000

Caltech Physics, Math & Astronomy Visiting Committee 2000-2006

Advisor, NRC Division on Engineering and Applied Physics 2001-4

W. M. Keck Observatory Visiting Committee (Chair) 2001-2

Institute for Astronomy (Hawaii) Visting Committee (Chair) 2001

NASA NGST Review (Chair) 2002

University of Michigan Astronomy External Review Committee 2002

M.I.T. Physics Department Visiting Committee 2002-6

National Virtual Observatory Advisory Committee 2002-6

NSP MPS Advisory Committee 2003-6

MPS Theory Workshop Steering Committee 2004-5

Women in Science & Engineering Working Group 2004-5

AAAS Program Committee 2004-7

Ohio State University External Review Committee (Astronomy) (chair) 2004

NAS/NRC Mid-Course Review Committee 2004-5

AURA StScI Director Search Committee 2004-5

W. H. Keck Observatory Director Search Committee 2005-6

Penn State University Dept. of Astronomy Visiting Committee (Chair) 2005

Brookhaven Science Associates Board of Directors 2005—

Harvard Business School Publishing Board of Directors 2005—

NSF Astronomy Senior Review 2005-6

Chandra Cycle 8 Time Allocation Committee 2006

NAS/NRC Committee to Review NASA's Science Strategic Plan 2006

Professional Societies

American Astronomical Society

Publications Board Chair 1986-1988

Councillor 1998-2001

President Elect 2007-8 (Term starting in June)

American Physical Society, elected Fellow in 1992

International Astronomical Union

Commission 28 Galaxies

Commission 30 Radial Velocities

Commission 47 Cosmology

Royal Astronomical Society

Astronomical Society of the Pacific

American Association for the Advancement of Science, elected Fellow 1994

Society of Photoptical Instrumentation Engineers

American Association of Variable Star Observers

Sigma Xi

National Academy of Science

American Academy of Arts & Sciences

Association for Women in Science