

CHRISTINE JONES

Astrophysicist

Education:

Harvard and Radcliffe Colleges, A.B. (1971)

Harvard University, A.M. (1972)

Harvard University, Ph.D. (1974)

Positions Held:

1974-1975	Harvard-Smithsonian Center for Astrophysics Postdoctoral Fellowship
1975-1978	Junior Fellow, Harvard Society of Fellows
1978-present	Astrophysicist, Smithsonian Astrophysical Observatory
1980-1987	Lecturer, Harvard University
1988-present	Officer, Harvard University
2004-present	Lecturer, Harvard University

Honors and Awards:

Nininger Meteorite Award (1970) – Awarded annually by Arizona State University and the Center for Meteorite Studies in recognition of “outstanding student contributions to the science of meteorites.”

Junior Fellow, Harvard University (1975-78) – The prize is awarded to “scholars whose work holds exceptional promise.”

NASA Group Achievement Award for HEAO-2 X-ray Calibration Team (1978) – Presented by NASA “in recognition of exemplary performance and teamwork which lead to the successful X-ray capabilities of the Heao-B X-ray telescope.”

Bart J. Bok Prize (1979) – Awarded annually by the Department of Astronomy, Harvard University, for “outstanding Milky Way research by observational methods.”

NASA Group Achievement Award (1980) – Presented by NASA for “sustained excellence of theoretical and practical effort displayed in the conception, design, development, test, and application in flight of the HEAO-2 observatory.”

Bruno Rossi Prize (1985) – Awarded by the High Energy Astrophysics Division of the American Astronomical Society. W. Forman and C. Jones shared the first Rossi Prize for “pioneering work in the study of X-ray emission from early type galaxies.”

NASA Group Achievement Award (1991) – Presented by NASA “in recognition of the outstanding collective effort by members of the ROSAT Team in developing, launching, and operating the ROSAT International X-ray Observatory.”

Fellow, American Association for the Advancement of Science (1995)

NASA Group Achievement Award (2000) – Presented by NASA “For exemplary performance and contributions to the design, development, implementation, and operation of the Chandra X-ray Center.”

NASA Group Achievement Award (2000) – Presented by NASA “For outstanding performance and significant contributions to the design, development, integration, verification and operations of the very successful telescope assembly of the Chandra X-ray Observatory.”

NASA Group Achievement Award (2000) – Presented by NASA “For exemplary performance and contributions to the scientific requirements and the scientific integrity of the design, testing and operations of the Chandra X-ray Observatory.”

NASA Exceptional Achievement Medal (2000) – Presented by NASA “For exceptional contributions and service in the development of Chandra calibration predictions and measurement plans.”

Service to Astrophysical Community

Membership on advisory committees, proposal review panels, and organizing committees for scientific meetings

- 1987 – 1989, AAS-HEAD Executive Committee.
- 1988 - NASA Astrophysics Data Program (ADP) review panel.
- 1988 – 1989, organized CfA colloquia.
- 1989 – 1992 – Councillor of the American Astronomical Society
- 1992 – AAS Small Research Grants awards committee
- 1982 – 2000 Planetarium Advisory Committee, Boston Museum of Science
- 1992 –1994 - AAS liaison to the AAAS
- 1994 – panel chair for NASA ROSAT Proposal Review
- 1994 – 1995 – search committee for new AAS Executive Officer.
- 1995 – 1999 – ASCA Users’ Committee
- 1995 – 1999 – AAAS nominating committee (Chair 1999)
- 1996–1999 – member of NASA’s SEUS (Structure and Evolution of the Universe Subcommittee; chaired by R. Blandford, later by B. Margon) Advisory Committee.
- 1996–2003 – member of Smithsonian Federal Scientist Appointments Committee; committee chair 1997–2003
- 1996 – Scientific organizing committee for the conference on “Cooling Flows in Galaxies and Clusters” held in Israel.
- 1997 – organized AAS topical session on Chandra
- 1997 – NASA technical review committee for GLAST project
- 1997 – NASA review committee for US participation in PLANCK
- 1998 – Scientific organizing committee for the 1999 meeting “Large-Scale Structure in the X-ray Universe”, Santorini, Greece.
- 1998 – member of NASA Senior Review for ongoing missions
- 1999 – 2001 – AAS-HEAD Executive Committee
- 1999 – 2003 – Harvard Department of Astronomy Committee on Academic Studies
- 2000–2002 – AAS Heineman Prize Committee (Chair 2002)
- 2001 – HST Cycle 10 Review Panel
- 2001 – NSF proposal review panels (two reviews)

- 2001 – CfA Issues Committee
- 2001 – 2004 – Space Telescope Science Institute Visiting Committee
- 2002 – AAS-HEAD Nominating Committee (Chair)
- 2003 – Scientific organizing committee for the 2003 meeting "The Riddle of Cooling Flows in Galaxies and Clusters of Galaxies," Charlottesville, VA.
- 2003 – NSF Graduate Student Fellowship review committee
- 2003 – 2007 CfA Gender Equity Committee
- 2003-2004 – Member "Universe" Theme Committee for Smithsonian Strategic planning
- 2004 – HST Cycle 13 Review Panel (Panel Chair)
- 2004 – NSF Graduate Student Fellowship review committee (Panel Chair)
- 2005 – present – CfA TAC (for Mt Hopkins (MMT and Ridge telescopes) and Magellan)
- 2004 – 2007 – AAS-HEAD Secretary-Treasurer
- 2005 – Six Years of Science with Chandra; Scientific Organizing Committee
- 2006 – Co-organized (with W. Forman) the session "Shining New Light on Dark Matter and Dark Energy" at the 2006 COSPAR meeting in Beijing, China.
- 2006 – Heating vs. Cooling in Galaxies and Clusters of Galaxies (Garching); Scientific Organizing Committee
- 2006 – present – Deputy, IAU Division XI Space and High Energy Astrophysics (President of Division starting in 2009)
- 2007 – HST Cycle 15 Review Panel
- 2007 – present – Board of Freshman Advisors, Harvard University
- 2008 – present – IXO (formerly Con-X) science panel chair for "Hot Baryons in the Universe"
- 2008 – present – Vice-President of the American Astronomical Society
- 2008 – The Warm and Hot Universe (Columbia); Scientific Organizing Committee
- 2008 – Department of Energy (DOE) review of Dark Energy proposals