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born Oct. 27 1959, Cambridge MA, USA
citizenship and residency: USA

Education and Employment

1981: B.S. Yale College (Astronomy & Physics)
1987: Ph.D. Harvard University (Astronomy)
1987-90: Junior Fellow, Harvard Society of Fellows
1990-96: Assistant Professor, Yale University
1993-98: Director of Undergraduate Studies in Astronomy, Yale University
1996-98: Associate Professor, Yale University
1999—2005: Chair, Department of Astronomy, Yale University
1998—2005 : Professor, Yale University
2005—present: Thomas E. Donnelley Professor of Astronomy and Physics,
Yale University

Honors and Awards

1990: Trumpler Award (best Ph.D. thesis in astronomy in North America)
Astronomical Society of the Pacific
1992: Bart J. Bok award, Harvard University
1993: National Young Investigator Award, USA National Science Foundation
2004: Dylan Hixon '88 Award for Teaching Excellence in the Natural Sciences,
Yale University

Research Interests

High Energy Astrophysics and Galactic Astronomy. Recent efforts have focussed on observations of binary star systems containing black holes.

Publications

105 refereed papers or invited reviews relating to High Energy Astrophysics and Galactic Astronomy.

Research Activities

Peer review panels for National Science Foundation Astronomy Division, Hubble Space Telescope Time Allocation Committee (panel chair 2003), and for the ROSAT, RXTE, and Chandra (panel chair 2005) orbiting X-ray observatories.

National Optical Astronomy Observatory Users Committee 1996-98 (chair 1998).

Future Directions of NOAO Committee 1998-99.

National Observatories Visiting Committee 2000-2003.

National Optical Astronomy Observatories Council 2003-2006.

Principal Scientist, YALO Telescope Consortium 1998-2002.

Principal Scientist SMARTS Telescope Consortium 2003-present.

President of the Board, WIYN Telescope Consortium 2006-present.

Referee for *Nature*, *Science*, *The Astrophysical Journal*, *The Astronomical Journal*, *Astronomy & Astrophysics*, *Monthly Notices of the Royal Astronomical Society*, *Publications of the Astronomical Society of Japan*.

Education and Public Outreach Activities

Courses given in Astronomy at Yale University from introductory level to advanced graduate seminars. Supervision of 6 Ph.D. theses (2 more in progress) and 13 undergraduate senior projects.

New course development at Yale includes for Astronomy 140 (“Frontiers and Controversies in Astrophysics”) an in-depth course for non-scientists; Astronomy 205 (“Introduction to Astronomical Observing”) a hands-on lab course for beginning majors and interested non-majors; Science 130 (“Current Issues in Science”), a seminar for freshman non-scientists; and an on-line course on Black Holes delivered through the Allearn alliance.

Chair, Yale College Teaching & Learning Committee 2001-2003, 2006.

Committee on Yale College Education 2002-2003: Steering Committee member and Chair, Subcommittee on Science for Non-Scientists

Public lecture “How to See a Black Hole” delivered to many audiences, including school groups, Yale alumni events, and amateur astronomical societies.

Work featured on PBS mini-series “Mysteries of Deep Space”.