

Name: MARK JONATHAN REID

Education:

1966–1971 Univ. of Calif. San Diego: BA Physics

1971–1975 Caltech: PhD Planetary Science and Astronomy

Current Position:

1988– Senior Radio Astronomer, Harvard-Smithsonian Center for Astrophysics

Professional Experience:

1971–1975 Graduate Research Assistant, Caltech

1975–1977 Center Fellow, Harvard-Smithsonian Center for Astrophysics

1977–1978 Assistant Scientist, National Radio Astronomy Observatory

1979 Associate Scientist, National Radio Astronomy Observatory

1979– Lecturer, Harvard University

1979–1988 Radio Astronomer, Smithsonian Astrophysical Observatory

1987 Visiting Scientist, Institute de Radio Astronomie Millimetrique,
Grenoble, France

1988– Senior Radio Astronomer, Smithsonian Astrophysical Observatory

1991 Visiting Associate, California Institute of Technology

1992–1997 Associate Director, Radio & Geoastronomy Division, CfA.

1999–2000 Humboldt Senior Award, Max-Planck-Institut für Radioastronomie,
Bonn, Germany

2000–2009 Director, CfA Radio Telescope Data Center

Professional Societies:

URSI (International Union of Radio Science)

AAS (American Astronomical Society)

IAU (International Astronomical Union)

Thesis:

VLBI Observations of OH Masers Associated
with Long Period Variable Stars.

Research Interests:

Radio Astronomy, interferometry, VLBI, molecular spectroscopy, masers, magnetic fields, galactic structure, super-massive black holes, Mira variables and extragalactic radio sources.

Honors and Awards

- Research Publication Award, Naval Research Laboratory, 1979.
- American Astronomical Society “Top Astronomy Stories of 1986” for measurement of the distance to the Galactic Center.
- Smithsonian Achievement Award for work as the LOC chairman in organizing the IAU Symposium No. 129: The Impact of VLBI on Astrophysics and Geophysics, 1987.
- Smithsonian Achievement Award for research excellence in directly measuring the distance to the Galactic Center, 1988.
- Elected to American Astronomical Society, Nominating Committee, 1997.
- Alexander von Humboldt Senior Research Award, 1999
- Beatrice M. Tinsley Prize (American Astronomical Society) 2008

Advisory Committees

- NRAO Users Committee (1982–1985)
- VLBA Working Groups (1982–1986): Computer, Array Configuration, Scientific, Correlator
- NRAO Computer Review (1983)
- NSF Site Visit Committees (Caltech and U.C. Berkeley, 1983)
- VLBA Headquarters Selection Committee (1984)
- NASA Radio Astronomy Experiment Selection (RAES) Committee (1984–1985)
- Referee for the Netherlands Foundation for Research in Astronomy (1985)
- VLBA Scientific Advisory Committee (1986–1987)
- VLA Proposal Referee (1986–1988)
- Local Organizing Committee (Chairman): IAU Symposium No. 129: The Impact of VLBI on Astrophysics and Geophysics, 1987, Cambridge, MA
- IAG Special Study Group 2.109 ”Application of Space VLBI in the Field of Astrometry and Geodynamics” (1988–1990)
- VLBA Advisory Committee (1988–1991)
- Five College Radio Observatory TAC Committee (1988)
- Smithsonian Institution Research Policy Committee (1988-1992)
- NASA Orbiting VLBI Science Consulting Group (1989-1991)
- USRA (Universities Space Research Assoc.) Astronomy Science Council (1989–1991)
- Chairman U.S. VLBI Consortium (1989–1995)
- NASA Space VLBI Project Science Group (1991–1995)
- NRAO Users Committee (1992–1995)

- Scientific Organizing Committee: "Sub-Arcsecond Radio Astronomy" University of Manchester, U.K. (1992)
- Referee Soros Fund (1993)
- Referee Maine Space Grant Consortium (1994)
- NRAO Visiting Committee (1995-1998; Chair 1998)
- Referee U.S.–Hungarian Science & Technology Fund (1995)
- Scientific Review Committee for Japanese Space VLBI Mission (VSOP) Proposals (1995–2001)
- American Astronomical Society, Nominating Committee, Elected (1997–2000)
- NSF Major Research Instrumentation Program Review Committee (1997)
- VLA/VLBA Scheduling Committee–external member (1997–1998)
- Center for Antarctic Research in Astronomy (CARA) Internal Advisory Committee (1998–2000)
- Natl. Academy of Sci., Decadal Survey: Radio & Sub-mm Astronomy Panel (1998–2000)
- Bunting Fellowship Advisory Committee (1998–2000)
- NRAO Program Advisory Committee (1999–2006)
- Arecibo Visiting Committee (2000–2003)
- Scientific Organizing Committee (Co-chair): IAU Symposium 206: Cosmic Masers: from Protostars to Black Holes, March 2001, Rio de Janeiro, Brazil
- Scientific Organizing Committee: "Large–Amplitude Variable Stars & their Circumstellar Space"; Japan 2002
- EVLA Project Advisory Committee (Chair: 2002-2005) (2002–2006)
- Scientific Organizing Committee: "Galactic Center Workshop: GC2002" Kona, Hawaii 2002
- Canadian Foundation for Innovation: Astronomy Review Panel (2002)
- Organized URSI meeting in Bolder (Jan 2002) on "New Techniques and Science Results in VLBI."
- AAS Tinsley Prize Committee (2003–2005)
- Scientific Organizing Committee (Chair): "Future Directions in High Resolution Astronomy: A Celebration of the 10th Anniversary of the VLBA"; Socorro, NM, June 2003
- Committee on Astronomy and Astrophysics (CAA) of the National Research Council, National Academy of Science (2003–2006)
- Terrestrial Planet Finder Review Committee of the National Research Council, National Academy of Science (2004)
- Radio, Millimeter & Submillimeter Project Group, convened by AUI and NSF (2005)
- National Research Council's ALMA Descope Review Panel (2005)
- Merlin Telescope Review Panel, UK (2005)
- NSF University Radio Observatory Panel (2005)
- US Square Kilometer Array Planning Group (2006–)
- Scientific Organizing Committee: "15 years of precision astronomy in the Galactic Center", Tegernsee, Germany, June 2007
- Scientific Organizing Committee: IAU Symposium 248, "A Giant Step from Milli- to Micro-

arcsecond Astrometry”, Shanghai, China October 2007

- Scientific Organizing Committee: “Frontiers of Space VLBI: From HALCA to VSOP-2”, Sagamihara, Japan, December 2007
- NRAO VLA-VLBA Associate Director Search Committee (2006)