

Richard S. Williams, Jr., Ph.D.
Director-Science

Professional Recognition and Awards

Professional Societies:

Fellow, Geological Society of America
Member, Cosmos Club
Corresponding (Foreign) Fellow, Icelandic Science Society
Fellow, Explorers Club
Fellow, American Association for the Advancement of Science

Professional Society Awards:

1978 – Alan Gordon Memorial Award (American Society of Photogrammetry and Remote Sensing) (given annually to honor significant achievements in remote sensing and photographic interpretation). Co-recipient with William D. Carter for work as authors-editors of *ERTS-1, A New Window on Our Planet*, U.S. Geological Survey Professional Paper 929, 362 p. (1976).

1979 – Meritorious Service Award, American Society of Photogrammetry and Remote Sensing (recognition for service as Member, Board of Direction)

1988 – Editor's Citation for Excellence in Refereeing of the scientific journal, *Reviews of Geophysics*, American Geophysical Union.

Professional Recognition and Awards:

1991 – A new species of Pliocene ostracode, *Robertsonites williamsi*, was named in honor of Richard S. Williams, Jr., U.S. Geological Survey, for research in Icelandic geology. Cited in Cronin, T.M., 1991, Late Neogene marine ostracoda from Tjörnes, Iceland: *Journal of Paleontology*, v. 65, no. 5, p. 767-794.

1994 – Williams Glacier, a tributary glacier to Emmanuel Glacier, Royal Society Range, Victoria Land, Antarctica, named by the U.S. Advisory Committee on Antarctic Names (US-ACAN) in honor of Richard S. Williams, Jr., U.S. Geological Survey, for his global glaciological research, including Antarctica. Cited in Alberts, F.G., compiler and editor, 1995, *Geographic Names of the Antarctic*; 2nd edition: Names approved by the U.S. Board on Geographic Names, National Science Foundation, NSF-95-157, p. 815. On 1997 map of Mount Lister, Antarctica: U.S. Geological Survey/Land Information New Zealand, 1:50,000 scale, and on 2010 Coastal-change and glaciological map of the Ross Island area: 1962-2004: U.S. Geological Survey Geologic Investigations Series Map I-2600-I; scale: 1:1,000,000, with accompanying pamphlet, 30 p. [<http://pubs.usgs.gov/imap/2600/I>].

1995 – Received a Federal Design Achievement Award from the National Endowment for the Arts for the design of the Planetary Maps poster/brochure that was published by the U.S. Geological Survey in 1992. Award given by Jane Alexander, Director, National Endowment for the Arts, at the Smithsonian Institution's Cooper-Hewitt Museum, New York, New York, on 14 July 1995.

1999 – Selected by the National Aeronautics and Space Administration (NASA) Goddard Space Flight Center's Scientific Colloquium Committee to present the 6th Annual William Nordberg Memorial Lecture on 19 November 1999 at the NASA Goddard Space Flight Center, Greenbelt, Maryland: Iceland: Dynamic Land of Ice and Fire as the lecture topic. As the 1999 Nordberg Lecturer, two other lectures were also presented: The Earth's Cryosphere and Global Environmental Change on 17 November 1999, and Natural and Human History of the Earth: What is the Fate of the Biosphere? On 18 November 1999.

2003 – Williams Ice Stream, an ice stream which flows into the Venable Ice Shelf, Bryan Coast, Ellsworth Land, Antarctica, named by the U.S. Advisory Committee on Antarctic Names (US-ACAN) in honor of Richard S. Williams, Jr., U.S. Geological Survey, for his research on coastal-change and glaciological maps of Antarctica. On 2003 Coastal-change and glaciological map of the Eights Coast area: 1972-2001: U.S. Geological Survey Geologic Investigations Series Map of I-2600-E, 1:1,000,000-scale, with accompanying pamphlet, 11 p.
[<http://pubs.usgs.gov/imap/2600/E>]

2003 – “Annie” Award given by the Corporate Services Division (CSD), National Geographic Society (NGS), to Richard S. Williams, Jr., Vice Chair, Committee for Research and Exploration, for distinguished service to the Society (NGS) (13½ years). The award is named after Ann Judge and given to those individuals within the CSD who continually go the “extra mile.” Ann Judge, who was a personal and professional friend, was the Director, Travel Office, NGS, was killed on 11 September 2001, when an American Airlines Boeing 757 aircraft (Flight 77) was flown into the Pentagon, Arlington, Virginia, by Saudi Arabian assassins.

2007 – Selected by the University of Miami Rosenstiel School of Marine and Atmospheric Science (RSMAS) to present the 4th Annual Henri and Adele Bader Lecture, Miami, Florida. As the 2007 Bader Lecturer, two lectures were presented on “The Earth's Dynamic Ice: The Meltdown.” On 27 March 2007, the first lecture was given to high school students of MAST Academy (Maritime and Science Technology High School); on 28 March 2007, the second lecture was given to the faculty and students at RSMAS and to the general public.

2014 – Award from Prof. James W. Head, III, Planetary Geology Laboratory, Geological Sciences, Brown University, Providence, RI, on 7 November 2014, in recognition of my pioneering discovery in 1978, from analysis of Viking Orbiter images of Mars, of geomorphological evidence of a former ice cap on Arsia Mons, one of three Tharsis volcanoes located in the “equatorial” region of Mars.

Civil Service Awards:

1977 – Graphics Communications Award (U.S. Geological Survey)

1979 – Meritorious Service Award (U.S. Department of the Interior)

1996 – Distinguished Service Award (U.S. Department of the Interior)

1998 – Promoted to Research Geologist, ST-00 (the ST corps represents the highest scientific and professional level achievable in the U.S. Civil Service)

U.S. Air Force (USAF) Military Service Awards:

1965 – National Defense Service Medal

1966 – Airman's Medal (the highest non-combat award for heroism given by the U.S. Air Force)

1968 – Air Force Commendation Medal