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Education

A.B.: May, 1966, Colgate University (physics).

M.A.: May, 1968, Rice University (geology).

Ph.D.: May, 1970, Rice University (geology).

Scientific Work

G. Jeffrey Taylor received his undergraduate degree in physics from Colgate University and his Ph.D. in geology and geophysics from Rice University. He is currently a research professor in the Hawai'i Institute of Geophysics and Planetology at the University of Hawai'i. Dr. Taylor has done extensive work on the mineralogical and chemical make up of lunar samples and meteorites, publishing over 170 refereed articles. His main interests are in basic planetary science (understanding the processes involved in planetary formation, with emphasis on bulk composition of the Moon and terrestrial planets) and on the petrologic and geochemical evolution of planetary crusts. He was a member of the Mars Odyssey Gamma-Ray Spectrometer Team and is a guest scientist on the Gravity Recovery And Interior Laboratory (GRAIL) mission. With Linda Martel (Hawai'i Institute of Geophysics and Planetology) he writes and publishes an online science magazine, *Planetary Science Research Discoveries* (www.psrds.hawaii.edu).

Positions Held

1990–present: *Professor*, Planetary Geosciences, Hawai'i Institute of Geophysics and Planetology, University of Hawai'i at Manoa

1998–2002: *Director*, Hawai'i Space Grant Consortium

1986–1990: *Assistant Director*, Institute of Meteoritics

1976–1990: *Senior Research Scientist*, Institute of Meteoritics and Department of Geology, University of New Mexico, Albuquerque, New Mexico

1973–1976: *Assistant Professor*, Department of Earth and Planetary Sciences, Washington University, St. Louis, Missouri

1970–1973: *Postdoctoral Fellow*, Smithsonian Astrophysical Observatory and Harvard College Observatory, Cambridge, Massachusetts

Awards

- Harvey Picker Physics Prize, Colgate University, 1966.
- Ninninger Meteorite Prize, 1968.
- Sigma Xi Award for Graduate Research, Rice University, 1970.
- *A Close Look at the Moon* selected as one of the outstanding science books for children in 1980 by the National Science Teachers Association and the National Book Council.
- *Volcanoes in Our Solar System* selected as one of the outstanding science books for children in 1983 by the National Science Teachers Association and the National Book Council.
- Carl Sagan Medal for Excellence in Public Communications in Planetary Science, 2008
- Shoemaker Distinguished Lunar Scientist Award (NASA Lunar Science Inst.), 2011

National Committees

- Member (1979–1980), Lunar and Planetary Review Panel (NASA).
- Group Chief (1981), Lunar and Planetary Review Panel (NASA).
- Member (1980–1989), Lunar and Planetary Sample Team (NASA).
- Chair (1986–1989), Lunar and Planetary Sample Team (NASA)
- Chair (1983–1986), Lunar and Planetary Geosciences Review Panel (NASA).
- Member (1984–1986), Lunar Base Steering Committee (NASA).
- Member (1985–1986), Lunar Geosciences Observer Workshop (JPL).
- Member (1985–1986), Near-Earth Asteroid Rendezvous Workshop (JPL).
- Member (1987–1990), Committee on Planetary and Lunar Exploration (NAS).
- Member (1988–1992), Lunar Exploration Science Working Group (NASA).
- Chair (1992–1994) Lunar Exploration Science Working Group (NASA).
- Member (1992–1994), Solar System Exploration Subcommittee (NASA).
- Member (1994–1996), Terrestrial Planetary Bodies Science Working Group (NASA).
- Member (1995), Lunar and Planetary Geosciences Review Panel (NASA).
- Chair (1996–1999), Research Outreach Coordination Group (NASA).
- Chair (1997), Ancient Martian Meteorite Program Review Panel (NASA).
- Group Chief (1997), Cosmochemistry Review Panel (NASA).
- Chair (1998–2000), Cosmochemistry Review Panel (NASA).
- Member (1998–2001), Cosmochemistry Program Management Operations Working Group (NASA).
- Member (2000–2002), Executive Committee, National Space Grant Directors Council
- Member (2000-2002), Board of Directors, National Space Grant Foundation
- Member (2001 to present), Board of Directors, Space Resources Roundtable, Inc.
- Chair (2002–2004), Mars Fundamental Research Program Review Panel (NASA)
- Member (2002–2003), Mars Surface Laboratory Science Advisory Group (NASA), and then MSL Payload Science Integration Group.
- Chair (2003–2004), Goals Revision Committee (Mars Exploration Program Analysis Group, NASA/JPL)
- Member (2005), Robotic and Lunar Exploration Strategy Roadmapping Committee (NASA)
- Co-Chair (2005), Human Exploration Systems and Mobility Capabilities Roadmapping Team (NASA)
- Chair (2005-2007), Member of Executive Committee (2007-2010), Lunar Exploration Analysis Group (NASA).
- Member, Cosmochemistry Review Panel (2011)
- Chair, review panel for Lunar Advanced Science and Exploration Research (2009, 2011-2013)