JILL CORNELL TARTER

Curriculum Vitae

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Education

University of California, Berkeley

M.A. Astronomy 02/71 Ph.D. Astronomy 06/75

Dissertation Title: Interaction of Gas and Galaxies within Galaxy Clusters

Cornell University - Graduate School

Major Field: Theoretical Physics 1965-67

Cornell University - School of Engineering

B.E.P. (with distinction) 02/66

Major Field: Engineering Physics

Fifth Year Project: Determination of Angular Resolution of Spark Chamber

for Cosmic Ray Balloon

Experience

1984 - Present SETI Institute

189 Bernardo Road

Mountain View, CA 94043

2011-2014 Adjunct Professor, Department of Physics and Astronomy USC

June 2000 – May 2012 Director, Center for SETI Research

Sept. 9, 1999 – June 2000 Director, SETI Research

Sept. 15, 1997 – present Bernard M. Oliver Chair for SETI

Oct. 1, 1993 – Sept. 8, 1999 Director, Project Phoenix

1989 – 1993 Project Scientist, NASA SETI Microwave Observing Project and

High Resolution Microwave Survey

1983 – 1993 University of California, Astronomy Department

Berkeley, CA 94720

Associate Research Astronomer

1983 - 1985 University of California, Berkeley

Space Sciences Lab

Associate Research Astronomer I

1977 - 1983	University of California, Berkeley
	Space Sciences Lab
	Assistant Research Astronomer II-IV
1975 - 1977	NASA Ames Research Center
	Moffett Field, CA 94035-1000
	NRC Resident Research Assoc. Postdoctoral Fellowship
1965 - 1975	Cornell University
	and
	University of California, Berkeley
	Teaching Assistant, and Research Assistant

Professional Memberships

- American Astronomical Society
- International Astronomical Union
- URSI Commission J (International Radio Science Union)
- International Academy of Astronautics
- American Association for Advancement of Science
- International Society for the Study of the Origin of Life
- Women in Aerospace
- World Technology Network

Other

- Arecibo Scientific Advisory Committee (1981-1984) and (1991-1994)
- AAS Shapley Lecture (1983-1986) and (1997-2000)
- Life Sciences Advisory Committee (NASA) (1987-1988)
- Committee on Chemical Evolution and Planetary Biology (SSB, NAS) (1987-1990)
- Liaison for LSAC (NASA) to SESAC (NASA) (1987-1988)
- Committee on Radio Frequencies (NRC, NAS) (1987-1993)
- Space Science and Applications Advisory Committee (1988-1991)
- Received the 1989 Lifetime Achievement Award from Women in Aerospace
- Origins of Solar Systems Executive Committee (1991-1994)
- Received two of NASA's Public Service Medals (one at Ames Research Center and one at NASA Headquarters in Washington, DC) and a HRMS Group Achievement Award (1993)
- Nominating Committee Member for the American Astronomical Society (1994-1997)
- Committee for the Scientific Investigation of Claims of the Paranormal (CSICOP) Fellow
- President of IAU Commission 51 (1994-1997)
- Member at Large, URSI National Committee (1995-1998)
- Received Chabot Observatory Person of the Year Award (Feb. 1997)
- Chair, International Academy of Astronautics SETI Committee (1997-)
- Bernard M. Oliver Endowed Chair, SETI Institute (1997-)
- The Explorers Club Fellow
- Advisory Board Member, Odyssey Magazine (1997-)

Other, continued

- Received the Women of Achievement Award, Science & Technology category, presented by the Women's Fund and the San Jose Mercury News (1998).
- Chair, US Square Kilometer Array Consortium (2000 -2002)
- Advisory Board Member, Space.com (2000)
- Received Telluride Technology Festival Award of Technology (July 2001)
- Chair, International SKA Steering Committee (August 2002 August 2004)
- AAAS Fellow (2002)
- California Academy of Sciences Fellow (2003)
- Named *Time 100* most influential people in the world (2004)
- Asteroid 74824 Tarter (1999 TJ16), named and approved by the International Astronomical Union's Small Bodies Naming Committee (2005)
- Carl Sagan Prize for Science Popularization, Wonderfest (2005)
- National Advisory Board Member, Center for Inquiry Office of Public Policy, Washington, DC (2006)
- California Academy of Sciences Fellows Leadership Council (2006)
- California Academy of Sciences Board of Trustees (2006)
- 2009 Technology, Education, Design (TED) award winner
- US National Committee-International Astronomical Union (USNC-IAU), Category I (January 1, 2011-December 31, 2014)
- Named *Time 25* most influential people in space (2012)
- Advisory Board Member, John Hendricks' Curiosity Club (2013)
- Jansky Lecturer (2014)
- Liberty Science Center Genius Award (2015)
- President, California Academy of Sciences (2015-2016)

Personal Data

Born: January 16, 1944 Married: William J. Welch

Children: 1 daughter, 3 stepchildren

References

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- Zuckerman, B. and Tarter, J.C. "Is There Anyone Out There?" *Nature* 281, p. 528 (1979).
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- Bowyer, C.S., Zeitlin, G.M., Tarter, J.C., Lampton, M., and Welch, W. "Analysis of SETI Data Collected in the Parasitic Mode." Paper #IAA-80-58 from 9th International CETI Review Meeting of the International Academy of Astronautics in Tokyo, Japan (1980).
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- Tarter, J.C. "SETI: Should Earthlings Tackle It?" Letter to the Editor, *Physics Today* 41, p. 142 (1988).
- Tarter, J.C. "SETI Field Tests with the MCSA 1.0 Prototype and Plans for Radio Astronomical Observations." Paper #IAA-88-539, presented at the 39th Congress of the International Astronautical Federation, Bangalore, India, October 8-15 (1988).
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- Tarter, J.C. "SETI: The Farthest Frontier," *Frontiers of Science*, A. Scott (ed.), Basil Blackwell Limited, Oxford, pp. 185-199 (1989).
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 Paper presented at the 3rd Bioastronomy Symposium in Val Cenis, France (1990).
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- J.C. Tarter, "Project Phoenix Heads South!" article in *SETI News*, 4^a Quarter, Vol. 3, No. 3 (1994).
- J.C. Tarter and M.J. Klein, "HRMS: Where We've Been, and Where We're Going." Paper presented at the Bioastronomy Symposium: Progress in the Search for Extraterrestrial Life, Santa Cruz, CA, August 1993. *ASP Conference Series*, Vol. 74, S. Shostak (ed.) San Francisco, pp. 456-469 (1995).
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- J.C. Tarter, "Project Phoenix: Looking Up From Down Under." *CSIRO Space Industry News* 68, pp. 8-9. CSIRO Office of Space Science & Applications, Canberra (1996).
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