

GAURANG B. YODH

Nationality :USA

Married

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Education:

1948 B.Sc., University of Bombay, Summa Cum Laude

1951 M.S., University of Chicago;

1955 Ph.D., University of Chicago.

Academic Positions:

1988 - present Professor of Physics, University of California,Irvine

1961 - 1987 Professor of Physics, University of Maryland

1982 - 1983 Consultant, National Science Foundation

1981 – 1995 Adjunct Professor of Physics, University of Utah

1978 – 1980 National Science Foundation as Program Officer for Elementary Particle Physics

1969 Visiting Professor, Tata Institute of Fundamental Research.

1966 - 1967 Visiting Professor of Physics, University of Arizona ,

1961 – 1965 Associate Professor of Physics, University of Maryland

1958 - 1961 Assistant Professor of Physics,CarnegieMellonUniversity

1956 - 1958 Research Fellow, Tata Institute of Fundamental Research, Bombay, India

1954 - 1956 Instructor in Physics, Stanford University

Honors and Awards:

Fellow Institute of Physics, UK, 1999.

Fellow American Association for Advancement of Science, 1995.

Fellow, American Physical Society, 1968.

Merit Scholar, Elphinstone College, Bombay, India 1944-46.

Gold Medal, University of Bombay for Summa Cum Laude in B.Sc.(Honors), 1948.

Chancellor's Distinguished Scholar and Teacher Award, University of Maryland, 1981.

Outstanding Citizen Award, Association of Indians in America Washington Chapter 1981.

Distinguished Physics Research Award, Indian Physics Associaton of America 1991.

Professional Memberships:

Member, Division of Particle and Fields of American Physical Society.

Member, Division of Astrophysics of American Physical Society.

Member, American Association of the Advancement of Science.

Member, American Astronomical Society

Professional Service-selected summary:

Member Astroparticle Physics advisory board of the Editorial Board of the Journal of Physics G of the Institute of Physics, Great Britain, UK (since 1998)
Associate Editor, Physical Review D,(3 years).
Served on the Executive Committee of the Division of Particles and Fields of the American Physical Society.
Member, NSF Astroparticle Physics Proposal Review Panel, Dec 2001.
Chair, NASA High Energy Asrtophysics/Cosmic Ray physics Review Panel,June 2001 and August 2004.
Member NASA SMEX Technical and Scientific review panel, April 2000
Chair NASA ACCESS Review Committee, 1998
NASA Cosmic Physics Review Panel,
1989,1992(chair),1998(chair),2000,2001,2004(chair) and 2005

Recent Publications:

Milagro Constraints on Very High Energy Emission from Short-Duration Gamma-Ray Bursts
A. A. Abdo *et al.* *Astrophysical Journal* 666 (2007) 361-367

TeV Gamma-Ray Sources from a Survey of the Galactic Plane with Milagro A. A. Abdo *et al.* *Astrophysical Journal Letters* 664 (2007) L91-L94

Discovery of TeV Gamma-Ray Emission from the Cygnus Region of the Galaxy A. A. Abdo *et al.* *Astrophysical Journal Letters* 658 (2007) L33-L36

Evidence for TeV Gamma-Ray Emission from a Region of the Galactic Plane R. Atkins *et al.* *Physical Review Letters* 95 (2005) 251103

Constraints on Very High Energy Gamma-Ray Emission from Gamma-Ray Bursts R. Atkins *et al.* *Astrophysical Journal* 630 (2005) 996-1002

Graduate and Undergraduate Students and Post Doctoral Scholars:

Graduate Students: Steven Biller, Pamela Chumney, Isabel Leonor, Scott Hugenberger, Branden Allen and Chuan Chen (since 1990).

Undergraduate Students: 5 students supervised for research experience with Milagro between 2001 and 2004, current undergraduate student: Angela Marotta.

Post-Doctoral Scholars: Gonzalo Parente, P.R. Vishwanath, Richard Lamb, Anthony Shoup, Xianwu Xu, B.V. Sreekantan, S.C. Tonwar

Total Numbers: Grad Students: 6; Scholars: 7