

CURRICULUM VITÆ

RICHARD I. STEINBERG

August 2015

Address:

Drexel University
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Education:

B.A., Swarthmore College, physics
M.S., M.Phil., Ph.D., Yale University, physics

Experience:

Professor, Drexel University Department of Physics, astrophysics, experimental nuclear and particle physics; joined department in 1984.

Founder of the Drexel experimental particle physics group. Career external funding \$2.5M.

Professional Activities:

Chair, *Workshop on Future Experiments at the IMB Fairport Underground Laboratory*, University of New Mexico, Albuquerque, September 1992

Chair, *Franklin Symposium in Celebration of the Discovery of the Neutrino*, Philadelphia, April 1992

United States Department of Energy, proposal referee

National Science Foundation, proposal referee

International Science Foundation, proposal referee

SCIENCE magazine, nuclear and particle physics reviewer

Physical Review Letters, particle physics reviewer

Physical Review, particle physics reviewer

Particle Data Project, consultant on stable particles

Consultant, E.I. duPont Corp., 1989

Visiting Staff Member, Los Alamos National Laboratory, 1985-87

Organizing Committee Member and Co-editor of the Proceedings, *Workshop on Very High Energy Cosmic Ray Interactions*, Philadelphia, April 1982

American Physical Society

American Physical Society Division of Particles and Fields

American Physical Society Division of Nuclear Physics

American Physical Society Division of Astrophysics

Honors and Awards:

Listed in *Who's Who in American Education*
Department of Energy Principal Investigator (1985-2001)
Listed in *Who's Who in Science and Engineering*
Faculty Research Award, Drexel University
National Science Foundation International Travel Award
Research Corporation Grantee
Faculty Research Award, University of Maryland
NATO Senior Fellowship
Chercheur Associé, CNRS, France
National Science Foundation Postdoctoral Fellowship
Yale Graduate Fellowship
Elected to Phi Beta Kappa and Sigma Xi
Graduated with Distinction in Physics, Swarthmore College
National Chemistry Achievement Award
National Merit Scholarship

Research Interests:

Astronomy and astrophysics with small telescopes. Experimental elementary particle physics. Neutrino oscillations. Magnetic monopoles. Solar neutrinos. Experimental tests of grand unified theories. Tests of conservation laws in nuclear and particle physics. Proton decay. Time reversal invariance. Lepton conservation. Charge conservation. High energy muon and neutrino interactions and sources.

80 Refereed Journal Publications

35 Invited Talks

267 Conference Papers

26 Research Proposals

12 Technical Reports

54 Seminars and Colloquia

More than 6800 Literature Citations