

Jeffrey D. Richman – Biographical Sketch

Jeffrey Richman is Professor of Physics at the University of California, Santa Barbara. His research is in the field of experimental elementary particle physics (high energy physics). Richman received his Ph.D. from Caltech in 1985 and his B.S. from Yale *summa cum laude* in 1979. He was a postdoctoral fellow at CERN and at the Lawrence Berkeley National Laboratory. He has held visiting positions at the Stanford Linear Accelerator Center and at INFN Pisa.

Richman currently works on the CMS experiment at the Large Hadron Collider (LHC) at CERN in Geneva. The goal of the experiment is to search for new physics at the TeV energy scale. Richman has served as convener of the CMS Supersymmetry Physics Analysis Group and currently serves on the CMS Publications Board. Richman has also worked for many years on measurements of heavy-quark physics and matter-antimatter asymmetries in the BaBar (SLAC) and CLEO (Cornell) experiments. He has served as the BaBar Physics Coordinator and Deputy Physics Coordinator. He has worked on high precision particle tracking detectors, including the BaBar silicon vertex tracker and the SLD CCD vertex detector.

Richman is currently on the Board of Directors of the Fermi Research Alliance, which manages Fermilab. He has served on several advisory committees in high energy physics, including the Fermilab Physics Advisory Committee (PAC), the SLAC Scientific Policy Committee (SPC), the SLAC Experimental Program Advisory Committee (EPAC), the LBNL Director's Review Committee for the Physics Division, and the Department of Energy's review committee for the Proton-Based Research Program at the National Laboratories. Richman served as a panelist for the National Academies Committee on the Integrity of Research Data.

Richman has taught particle physics at advanced schools in the U.S., China, Europe, and Mexico. He has taught physics at all levels at UCSB, including elementary particle physics, quantum mechanics, thermodynamics and statistical mechanics, classical mechanics, electromagnetism, advanced laboratory, and analog and digital electronics.

Richman has been a Department of Energy Outstanding Junior Investigator and a Sloan Foundation Research Fellow. He is a Fellow of the American Physical Society and a Fellow of the American Association for the Advancement of Science.