



University Physics with Modern Physics Technology Update (13th Edition)

By Hugh D. Young, Roger A. Freedman, A. Lewis Ford

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Editorial Review

About the Author

Hugh D. Young is Professor of Physics at Carnegie Mellon University in Pittsburgh, PA. He attended Carnegie Mellon for both undergraduate and graduate study and earned his Ph.D. in fundamental particle theory under the direction of the late Richard Cutkosky. He joined the faculty of Carnegie Mellon in 1956, and has also spent two years as a visiting Professor at the University of California at Berkeley. Hugh's career has centered entirely around undergraduate education. He has written several undergraduate-level textbooks, and in 1973 he became a coauthor with Francis Sears and Mark Zemansky for their well-known introductory texts. In addition to his role on Sears and Zemansky's "College Physics," he is currently a coauthor with Roger Freedman on Sears and Zemansky's "University Physics,"

Hugh is an enthusiastic skier, climber, and hiker. He also served for several years as Associate Organist at St. Paul's Cathedral in Pittsburgh, and has played numerous organ recitals in the Pittsburgh area. Prof. Young and his wife Alice usually travel extensively in the summer, especially in Europe and in the desert canyon country of southern Utah.

Robert M. Geller teaches physics at the University of California, Santa Barbara, where he also obtained his Ph.D. under Robert Antonucci in observational cosmology. Currently, he is involved in two major research projects: a search for cosmological halos predicted by the Big Bang, and a search for the flares that are predicted to occur when a supermassive black hole consumes a star.

Rob also has a strong focus on undergraduate education. In 2003, he received the Distinguished Teaching Award. He trains the graduate student teaching assistants on methods of physics education. He is also a frequent faculty leader for the UCSB Physics Circus, in which student volunteers perform exciting and thought-provoking physics demonstrations to elementary schools.

Rob loves the outdoors. He and his wife Susanne enjoy backpacking along rivers and fly fishing, usually with rods she has built and flies she has tied. Their daughter Zoe loves fishing too, but her fish tend to be plastic, and float in the bathtub.

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