

## | Sheldon Glashow |



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University; Hon.D.Sc., Yeshiva University,  
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*Society and the American Association for the Advancement of Science;  
member of the American Academy of Arts and Sciences, the National Academy  
of Sciences, and the American Philosophical Society; foreign member of the  
Russian and Korean Academies of Science; founding editor of Quantum  
Magazine. He is the recipient of many awards, including the Oppenheimer  
Medal, the Richtmyer Lecture Award, the Erice Science for Peace Prize, and  
the Nobel Prize in Physics. Professor Glashow has taught at Stanford  
University, the University of California at Berkeley, and until recently, at  
Harvard University where he was the Higgins Professor of Physics and  
Mellon Professor of the Sciences.*

Professor Glashow has done seminal research in the fields of elementary particle physics and cosmology. His work led to the prediction of neutral currents, charmed particles, and intermediate vector bosons, all of which were subsequently discovered by experiments. He played a key role in unifying the weak and electromagnetic forces and in creating today's successful "standard model of particle physics," as well as its more speculative generalization, "grand-unified theory." He is the author of some 300 research papers and three books: *Interactions* (with Ben Bova, 1988), *The Charm of Physics* (1990), and *From Alchemy to Quarks* (1993).

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