



Steven Weinberg

Physicist

Born in New York, Dr. Weinberg is a Nobel Prize winning physicist. He received his award in 1979 while working as a professor at Harvard University. He now works as a professor at the University of Texas where he has published several books on the physics of gravity.

According to modern physics, four fundamental forces exist in nature. Electromagnetic interaction is one of these. The weak interaction-responsible, for example, for the beta decay of nuclei-is another. Thanks to contributions made by Steven Weinberg, Sheldon Glashow, and Abdus Salam in 1968, these two interactions were unified to one single, called electroweak. The theory predicted, for example, that weak interaction manifests itself in "neutral weak currents" when certain elementary particles interact. This was later confirmed.

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