## How to become Steven Weinberg?

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Steven Weinberg who died on July 23 this year, successfully coped with some of the complicated unsolved problems in physics, that community faced in the second half of the past century. From his outstanding books, lectures, interviews, and other valuable legacies it would not very difficult to realize Weinberg's points of view and ideas about the road map of physics. Clearly, he believed that to examine all fundamental phenomenae in nature, from smallest scales to the largest ones, one only needs to be strongly equipped with a knowledge of the fundamental of relativity and quantum mechanics. In this regard, physicists unanimously believe that Steven Weinberg was a master, and one of the founders, of quantum field theory.

Almost all his research activities were devoted to the unification and symmetry concepts, which ultimately led to the astonishing so-called Standard Model of fundamental physics. Due to his pioneering contributions and attempts as well, from the mid-1960s to the early 1970s, Weinberg shared the 1979 Noble prize in physics with Abdus Salam and Sheldon Glashow.

In my talk, I'll try to go deeply through both personal life and especially scientific achievements to figure out how Steven became Weinberg the great?

We can learn a lot from him, his discipline, perseverance, acuity, and scientific austerity as one of the greatest scientists in the entire history. I think our educational system should seek a way to improve itself aiming to breed such great minds.