

George M. Fuller is a Distinguished Professor of Physics at the University of California, San Diego (UCSD). He received his PhD from the California Institute of Technology in 1981, and a BS degree from that same institution in 1976. He is the Director of the Center for Astrophysics and Space Sciences (CASS) at UCSD. He was the McCormick Postdoctoral Fellow at the University of Chicago, a Research Assistant Professor at the (old) INT at the University of Washington, and a staff member at LLNL before joining UCSD. His research revolves around the interplay of nuclear physics, the weak interaction, and gravitation. The physics of neutrino flavor and character in dense matter in compact objects and the early universe, and high temperature nuclear weak interactions are key areas of the research that he and his students target. He has supervised 15 UCSD Physics PhD theses and he and his students and collaborators have published over 150 peer-reviewed papers on nuclear astrophysics and related topics. He is a Fellow of the American Physical Society (APS), served on the Executive Committee of the Division of Nuclear Physics APS (2013-2015), and received the APS' 2013 Han A. Bethe Prize.