

**Fred E. Wietfeldt** is a Professor of Physics at Tulane University. He received his PhD from the University of California, Berkeley in 1994 and BS from M.I.T. in 1984. Prior to graduate school he served in the U. S. Navy as an active duty nuclear engineering officer for five years. He was a National Research Council Postdoctoral Fellow and staff scientist at NIST from 1995-2001. His research is in fundamental physics using cold and ultracold neutrons, in particular neutron decay correlations, the neutron lifetime, and neutron interferometry, mostly conducted at the NIST Center for Neutron Research. He has mentored 8 PhD students and 3 postdoctoral fellows. He is a member of the Scientific Advisory Committee for the European Spallation Source, and Chair of the Program Review and Advisory Committee for the Fundamental Neutron Physics Beam Line at the ORNL Spallation Neutron Source. He received the NIST Distinguished Associate Award in 2018 and a Gordon and Betty Moore Foundation Fundamental Physics Innovation Award in 2019. He has also received several teaching awards at Tulane.