

Senta Victoria Greene, Stevenson Professor of Physics, is a high energy nuclear physicist. She received her BA from the University of Tennessee, Knoxville, in 1984 and her M.S. and M.Phil. in 1987 and her Ph.D. from Yale University in 1992. She was an SSC National Fellow and a postdoctoral fellow at the University of Colorado, Boulder, before joining the Vanderbilt faculty in 1994 as the first woman in the Department of Physics and Astronomy. Professor Greene's research is in the field of experimental high-energy nuclear physics where she studies the properties of the quark-gluon plasma, nuclear matter under extreme conditions of temperature and density. She is a member of the PHENIX and sPHENIX collaborations at the Relativistic Heavy Ion Collider at Brookhaven National lab, and of CMS at the Large Hadron Collider at CERN. She was named a fellow of the American Physical Society (APS) in 2014 for her research in nuclear physics and for promoting the participation of women in physics. Professor Greene has served on several committees of the APS and was chair of the Committee on the Status of Women in Physics. Professor Greene is currently the chair of the Program Committee and chair-elect of the Division of Nuclear Physics of the APS.