

Dr. Susana Deustua



Dr. Susana Deustua is a member of the Wide Field Camera 3 (WFC3) Instrument Team at the Space Telescope Science Institute. Previously, Susana was Director of Education of the American Astronomical Society, based in Washington, D.C. She joined STSCI in 2008.

Susana's background is in physics and astronomy. She received a Bachelor of Arts degree with Honors in Physics, Astronomy and Medieval History from Swarthmore College and a Ph.D. in Astronomy from the University of Michigan, Ann Arbor. She held a postdoctoral fellowship at the Lawrence Livermore National Laboratory, followed by an assistant research scientist position at the University of California-Berkeley's Space Sciences Laboratory. She taught at Case Western Reserve University for a year before returning to the Lawrence Berkeley National Laboratory as Project Director for the Hands-On Universe and a staff scientist in the Physics Division as a member of the Supernova Cosmology Project.

Susana's research interests span a broad range from dark energy and supernova cosmology, instrumentation, gas content of elliptical galaxies, precision spectrophotometric calibration, and, astronomy education research. She is a member of the American Astronomical Society, the Astronomical Society of the Pacific, the International Astronomical Union and the American Association of Physics Teachers. She is the International Year of Astronomy 2009 US Program Co-Chair, and serves on the IAU IYA 2009 Executive Working Group.

Susana shared the 2007 Gruber Prize in Cosmology awarded to the Supernova Cosmology Project, the High-Z Supernova Team, Saul Perlmutter and Brian Schmidt for their discovery of Dark Energy.