The National Center for Science Education (NCSE) is a non-profit organization that educates "the press and public about the scientific, educational, and legal aspects of the creation and evolution controversy, and suppl[ies] needed information and advice to defend good science education at local, state, and national levels."

Scott, a former university professor, received her Ph.D. from the University of Missouri in Physical Anthropology. She has received awards for her work with the NCSE from the National Science Board, American Society for Cell Biology, American Institute of Biological Sciences, Geological Society of America, and American Humanist Association.

An expert on the evolution/creationism/intelligent design debate, Scott has been interviewed by several national news sources, including TIME, the Washington Post, and PBS's The Journal Editorial Report, to present a scientific perspective on the debate.