

Margaret Cheney is a Professor of Mathematics at Rensselaer Polytechnic Institute. Her Ph.D. in mathematics is from Indiana University (1982); after a postdoc at Stanford University, she spent 3 years as assistant professor at Duke University before moving to RPI. She has held visiting appointments at NYU's Courant Institute (1987-1988) at the Minnesota Institute for Mathematics and Its Applications (1994-1995, 1997, and 2005), the Berkeley Mathematical Sciences Research Institute (2001), the Naval Air Warfare Center Weapons Division (2002), and the UCLA Institute for Pure and Applied Mathematics (2003). Most of her work has been on the inverse problems that arise in quantum mechanics, acoustics, and electromagnetic theory.

Cheney has received several awards, including the Office of Naval Research Young Investigator Award in 1986, a National Science Foundation Faculty Award for Women in Science and Engineering in 1990, and the Lise Meitner Visiting Professorship at Lund Institute of Technology in 2000. She was a member of the Rensselaer Impedance Imaging team that received the 1993 ComputerWorld Smithsonian award in the Medicine category. She served on the SIAM board of Trustees (1996-2004), is a member of the Electromagnetics Academy, and is a Fellow of the Institute of Physics. From 1994 to 2003, she served on the editorial board for the SIAM Journal of Applied Mathematics and was Editor-in-Chief 1995-97. She currently serves on the editorial board of Inverse Problems. She has 4 patents and roughly 100 publications, and she has given over 100 research lectures in the U.S. and Europe.