

# Esther Haines

## Regional Officer Institute of Physics WiSETI Project Officer

I currently juggle two half time jobs: I work for the Women in Science, Engineering and Technology Initiative (WiSETI) at the University of Cambridge and I am the Institute of Physics Regional Officer for East Anglia. WiSETI addresses the under-representation of women in science, engineering and technology at the University. The Institute of Physics is a scientific membership organisation that furthers the understanding of the physical world and its application for economic and social benefit, promotes interest and participation in physics and supports and involves physicists throughout their education and careers.



After a Ph.D. in theoretical physics from Victoria University of Wellington, New Zealand, I have had a varied career working in academic and government laboratories in both Cambridge and New Zealand modelling properties of materials including ferromagnetic metals, sea ice, high temperature superconductors and colossal magnetoresistance manganites. My most recent research, as a Daphne Jackson Fellow in the Chemistry Department at Cambridge, modelled the interaction of molecules with the aim of understanding measurements made using an atomic force microscope which is used to measure the force between a very small tip and a surface.

I very much enjoyed doing research but my two jobs now give me scope to use a wider range of skills and to do many other things that I enjoy. Working for WiSETI gives me the opportunity to help women achieve their full potential in SET. At the same time, with the Institute of Physics, I am involved in regional activities related to physics ranging from sharing the fascination of physics through outreach events to extending appreciation of how physics contributes to the economic and social well-being of the region.



Cambridge  
**AWiSE**

Association for Women in Science and Engineering