

2014 Sigma Xi Faculty Awards

2014 Outstanding Research Faculty Awards



Research on a Shoestring

Peter Leung

Professor of Physics, Portland State University

Peter Leung has been at PSU for 26 years. Since coming to PSU he has had 92 refereed publications with limited funding. He is a theorist, not an experimentalist. His areas of interest range from fundamental scattering theory (“The Leung Correction” for stopping power of particles in a target of heavy elements) to fundamental aspects of Near Field Optical microscopic studies of plasma behavior. His work with interactions of photons with surfaces (often coupled with structures and molecules) has led to surprising yet useful results.