



It's a nano world after all: using nanotech consumer products to engage student learning

A common approach to teaching is to present basic scientific concepts in a logical progression and to end on an interesting application. However, an alternative methodology is to first hook the audience through intriguing questions or to present exciting, new applications of technology. Hence, consumer products of nanotechnology that are currently out on the market can be used to motivate students to understand the underlying scientific principles.

This talk will give several different examples of current nanotech products, and illustrate how properties or performance of the product are enhanced through nanotechnology. Examples include clothing, sports equipment, and cosmetics. Opportunities to incorporate specific science topics with the applications will also be presented.