



Nanotech: Big Ideas from Small Ideas

With Professor Michael Davis, Physical Science Department, Harold Washington College

Apple's smallest iPod the 'Nano' has become a household word. Most scientists have known about that little word for a very long time. Nano is the metric prefix for billionth, a nanometer is one billionth of a meter. So what is the big deal about something so small?

It's all about the tiniest materials and their very different physical and chemical characteristics from materials that are typically sized. Normal sized gold, for example, looks gold-colored. Nanogold, however, is either red or blue!

Nanotechnology deals with the size and shape dependent properties of particles that are less than 100nm in their largest dimension. It has touched almost every aspect of our lives—from computers, to band-aids, to make-up, to stain resistant pants, and more.

What's your Nano IQ?

JUNIOR SCIENCE CAFÉ at [Boocoo Café](#) —1823 Church St., Evanston

Saturday, September 26, 11 AM—12:30 PM

Open to students grades 6—12, parents, grandparents, and teachers

Free admission, light lunch will be served

For more information on the Science Café programs,
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