

Nano@Guelph 2009

Nano@Guelph 2009 will be held from October 20 to 23, 2009 during National Science & Technology Week.

Your Nano@Guelph 2009 visit will start with a presentation about nanoscience by one of our faculty members. You will be introduced to some interesting phenomenon at the nanoscale. You will learn why nanoscience is not so much a new discipline but rather a view of the natural sciences at a new size scale. You'll hear about a few of the hundreds of nanomaterials that are available in the marketplace and some that are still in the research and development phase. You'll see why nanoscience and nanotechnology underpin the fastest growing area in research and manufacturing.

You'll spend some time in our laboratory making nanoparticles. Nanoparticles have been around for centuries but researchers now have the tools and knowledge to assure that what the particles they are creating are actually nanoscale particles. You'll see why some materials can be identified as nanoscale particles by their behaviour. Other materials have to be imaged with very sensitive instruments to prove their size.

You will also visit some of our research laboratories and see the instruments used to study nanoscale materials. Researchers and their laboratory personnel will explain the research they are conducting, the instruments necessary to conduct this research, and the significance of their work.

Undergraduate students currently in the nanoscience program will be on hand to talk to visitors. They will tell you more about the nanoscience program, what inspired them to study nanoscience, and what it's like to be a university student.

You have the choice of a half day visit (starting at 9:00 am or 12:00 noon) including the above mentioned activities or expanding your visit to a full day by including a tour of the University of Guelph. The university tour will include locations such as the athletic facilities, residences, on-campus eateries and the library. Half day sessions will commence at 9 am or at 12 noon.

For more information contact: Bonnie Lasby by email at blasby@uoguelph.ca or by phone at 519-824-4120 ext 53049