



# Nano in My Life

**Nanoscience Schools Competition with CRANN and Science Gallery**  
**Open to Junior & Senior Cycles – Individual and Group Entries accepted**

## What is Nanotechnology?

**Nanotechnology is the science and technology of very small things** – in particular, things that are less than 100 nanometres in size. One nanometre is one millionth of a metre. A human hair is about 50,000 nanometres wide.

## Why is it important?

Nanotechnology is vital to Ireland. It enables over 150,000 jobs and makes up 10% of our national exports. Nanoscience represents one of the few scientific areas at which Ireland excels.

## Is Nano really part of my daily life?

Nanoscience is no longer an idea of the future. It is changing every part of our lives from the medicines we take, to the cosmetics we wear, the phones and laptops we use, the bikes we cycle and the clothes we wear. We can even see nanoscience in nature—peacock feathers and butterfly wings contain nano-sized crystals which provide iridescent colours.



# Nano in My Life Competition

## About our Competition

The “Nano in my Life” competition will stimulate young people to learn about nanotechnology and how this exciting new technology is already impacting our daily lives.

Participants are requested to submit either a photograph or a homemade video relating to nanoscience, demonstrating an understanding of how it is currently used or where it occurs naturally. Photographs should be accompanied by 1-2 lines of text explaining the significance of the picture. Videos can be made on any device including camcorder, mobile phone, digital camera or can comprise a sequence of images or slides.

All entries will be judged on both artistic and scientific merit.

## Competition Launch: September 2010

More Information & support materials coming soon!

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