



**GIRL SCOUTS & BOY SCOUTS INTERESTED IN SCIENCE**

# All Scout Nano Day

**International Institute for Nanotechnology**

**Northwestern University, Evanston, IL**

**Saturday April 29, 2023, 8:30 am - 1:30 pm**

***Learn about the exciting field of Nanotechnology at this world-renowned research institute.  
Meet and work with the scientists who are discovering surprising properties of matter at the nanoscale.  
Perform small group hands-on experiments & demos with your scientist mentors.***

- Science-enthused Girl Scouts & Boy Scouts in the 6<sup>th</sup> grade or higher are invited, as are Venturers.
- Fee is \$10 per person (refundable, less a processing fee, up to 30 days before the event). Includes a pizza party with the scientists and a patch.
- Advance registration & payment is required. We suggest a maximum of 10 Scouts per Troop.
- Register at <https://www.eventbrite.com/e/2023-all-scout-nano-day-registration-506778818087>
- If there are no tickets remaining don't despair – we can often accommodate Scouts on the wait list.
- Questions or to be added to the wait list - email Mike Kleppinger at [m.kleppinger@sbcglobal.net](mailto:m.kleppinger@sbcglobal.net).

**Northwestern**



**INTERNATIONAL INSTITUTE FOR  
NANOTECHNOLOGY**

*- More info on the next page -*

# What is Scout Nano Day???

Scouts will meet and work with 35 scientists at the International Institute for Nanotechnology (IIN) at Northwestern University in Evanston, IL on Saturday, April 29<sup>th</sup>, 2023. Experience what it's like to be a scientist and see a glimpse of what may be in your future.

## Activities include:

- **What is Nanotechnology?** - Lecture and Q&A with a noted professor.
- **Meet the Scientists** – Speak with a panel of scientists and learn about their research and how and why they became a scientist. A Girl Scout and a Boy Scout who participated in the 2003 Scout Nano Event have been among their ranks. Perhaps you will join them in a few years!
- **Small group tours of research laboratories** – See how atomic force, Raman spectroscopy, scattering microscopy, and advanced molecular imaging are used by scientists to discover previously unknown properties of matter. Perform a hands-on gold colloid experiment in a chemistry lab.
- **Share your own nanotechnology research with the scientists** – Scouts are asked to prepare a research poster prior to the event and will present and discuss their research with a panel of scientists. Authors of the 3 best posters will be presented with medals! This advance research and poster preparation will help you learn much more from your time at the IIN. The IIN will give you ideas for research topics and sources of information beforehand.
- **Enjoy pizza and chatting with your scientist mentors.**

All Scout Nano Day activities cover many badge requirements for both Girl Scouts and Boy Scouts.

Explore <https://www.iinano.org/all-scout-nano-day> for more information about the event, the IIN, and nanotechnology

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