

Northwestern University Feinberg School of Medicine SQE Inspire Program

Canning Summer Scholar Pre-Internship Workshop

Five day immersive summer workshop designed to introduce high school students (grades 10-12) to the language of biology through interactive, research-driven learning with a focus on DNA biology, genetics, and health-related research. No prior lab experience is required—just a curious mind and a passion for science!

What You'll Learn & Do:

- **Step into the world of real scientists.** Learn how biology impacts medicine, investigative forensics, and everyday life.
- **Learn the language and vocabulary** used in a lab setting.
- **Get hands-on experience** with lab techniques like **PCR, gel electrophoresis, DNA visualization, cell culture, and microscopy.**
- **Solve biological mysteries**—trace DNA from genes to traits, analyze cancer cells, and explore forensic science.
- **Think like a researcher** by practicing **critical thinking, problem-solving, and data analysis.**
- **Develop skills for future internships or a job as a lab technician**, including lab safety, scientific documentation, and teamwork.
- **Connect with mentors and experts** who will guide you through career pathways in biology and biomedical research.

Spots are limited: apply today to take your first step into the world of research.

April 11th: Application due date

April 25th: Applicants will be notified of their acceptance status

Dates: June 9th – June 13th 2025

Time: 9:00 a.m. – 4:00 p.m.

**Location: Northwestern Medical Campus
Simpson Querrey Biomedical Research Center
303 E. Superior Street
Chicago, IL 60611**