



Canning Summer STEM Pre-Internship Workshop

**Northwestern University Feinberg School of Medicine
SQE Inspire Program**

**June 8th – June 12th
9:00 a.m. – 4:00 p.m.**

**Located on the Northwestern Medical Campus
Simpson Querrey Biomedical Research Center
303 E. Superior Street, Chicago, IL 60611**

*This program is a **5-day immersive summer workshop** designed to introduce high school students to the language of biology through interactive, research-driven learning with a focus on DNA biology, genetics, and health-related research.*

If you are a high school student curious about how biology shapes the world around us and want to gain hands-on experience in a real lab while building skills for future research opportunities such as an internship in a lab, please apply!

*This pre-internship program is ideal for **high school students (Grades 10-12)** who love their science and math classes (biology, chemistry, algebra, geometry, pre-calculus, etc.) and want to learn more about what you can do with a career in science.*

*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.

*Submit your application by **March 6th, 2026**, by clicking on the link below.*
[LINK HERE](#)

Please feel free to write if you have questions. We look forward to hearing from you and helping you connect to the world of scientific exploration!

Laura Shilatifard, Director of the SQE Inspire Program
lus@northwestern.edu