

KEELEY ROHRER

CONTACT

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EDUCATION

2025-2029

PURDUE UNIVERSITY

- Bachelor of Science
- Major in Biochemistry
- Minor in Bioinformatics
- GPA 3.98 / 4.00

HONORS

- Dean's List (Fall 2025)
- Purdue Presidential Scholarship (Spring 2025)
- Carmel Education Foundation Coach Chuck Koeppen Cross Country Scholarship (Spring 2025)
- College of Agriculture Scholarship Award of Excellence (Spring 2025)
- Zygmunt Family Scholarship (Spring 2025)

SKILLS

- Microsoft (Powerpoint, Excel, Word)
- Python
- Laboratory Safety Fundamentals Training | *Purdue University*
- Bloodborne Pathogens Training | *Purdue University*
- Biosafety for Lab Personnel Certification | *Collaborative Institute Training Initiative (CITI)*

RESEARCH EXPERIENCE

Purdue Institute for Cancer Research

JAN 2026 - PRESENT

- **Cottrell Lab**

Undergraduate Researcher

- Studying the proteins PACT and ADAR as potential therapeutic targets to treat triple negative breast cancer.
- Employing skills such as PCR, DNA extraction and cloning, gel electrophoresis, western blot, and cell culture.
- Utilizing technology and equipment such as centrifuge, NanoDrop spectrophotometer, and gel imaging system.

WORK EXPERIENCE

Monon Community Center

MAY 2023 - AUG 2025

Aquatics Lifeguard

- Executed safety protocols and emergency procedures, conducted risk assessments to prevent incidents, and accurately documented and coordinated responses to maintain safe, efficient operations.

Grace Church

OCT 2023 - JAN 2025

Childcare Provider

- Ensured children's safety by following protocols, communicating effectively with parents and staff, and maintaining accurate records in fast-paced, collaborative environment.

ACTIVITIES

Eli Lilly and Company and Purdue University Research Alliance Center

AUG 2025 - PRESENT

"HEalth Ambassadors with the LPRC (HEAL) Program

- Level 1 affiliate, participate in professional development opportunities including research lab meet and greets, professional seminar presentations, and networking events.

Purdue Biochemistry Club

AUG 2025 - PRESENT

Member

- Engaged in professional networking, heard from industry speakers, and volunteered in science outreach activities for children.

SALT Company

AUG 2025 - PRESENT

Member and Leader

- Lead weekly Bible study and participate in weekly large group gathering to grow my faith alongside a community.
- Serve on welcome team and in the church's children's ministry.