

Project SEED

2024 Overview



PROJECT
SEED
Hands-on Research
for High School Students



Celebrating Our Partners in Innovation

THANK YOU!



SAGINAW VALLEY
STATE UNIVERSITY.



MSU St. Andrews



ACS Local Section
Midland

**Midland ACS Project SEED Committee Members
Justin Massing & Joesph Vasquez
Mentors: Dr. Mueller, Dr. Marquez, Dr. Sivy, Dr. Rakesh,
Dr. Zhang, Dr. Henton, Dr. McConnell, & Dr. Stark**

Project SEED Alumni- 2024 Graduates



1. **Derek -University of Michigan for Biomolecular Science (2022, 2023, 2024)**
* 2024 Project SEED Scholarship recipient
2. **Chloe Sow- Havard University for Engineering (2023)**
* 2024 Project SEED Scholarship recipient
3. **Quinn –University of Michigan for Biochemistry (2023)**
* 2024 Project SEED Scholarship recipient
4. **Graci- taking a gap year (2023)**
5. **Jenny –Michigan State University for Chemical Engineering (2023)**
6. **Kevin Casillas- Dickinson College for Biochemistry (2023)**
7. **Madison –taking a gap year (2023)**
8. **Xavier –University of Michigan for Business/Managerial Economics (2023)**
9. **Isaac- University of Michigan for Chemistry & Mathematics (2024)**
10. **Megan- Western Michigan University for Chemistry & Music (2024)**
11. **Serena- University of Michigan for Materials Science & Engineering (2024)**

(Year) of Summer internship

2024 NOLA –Convention Center



Quinn, Derek, and Joe at Spring ACS in NOLA



Kick-Off Event: Photo Scavenger Hunt



Students engaged in solving riddles at Dow Garden, where they had to find the answers and capture them in photographs.



Friday Activity: LinkedIn Profile



Tips and tricks on how to create a good LinkedIn profile and why it's important to have one as a student. Created an Alumni group for Midland ACS Project SEED.



NOBCChE Symposium in Detroit



Tour of Wayne State with Detroit Project SEED and NOBCChE.



Volunteer Opportunity: Dow Championship



Dow Championship



Volunteer Opportunity: Kids & Chemistry



River Days



EXALT Energy Tour



John Camardese of EXALT Energy led the students through an engaging tour and behind the scene peek at what Engineers and Chemist do at EXALT.



Dow Central Campus Tour



Ryan Thomas, Jason Vogel, and Joseph Vasquez gave tours of their work areas. Students made lotion to take home.

Effectively Communicating Research

Hunter Woodward delivered an engaging presentation on what we do here at Dow. Also gave tips and tricks on effective strategies for communicating your research findings.



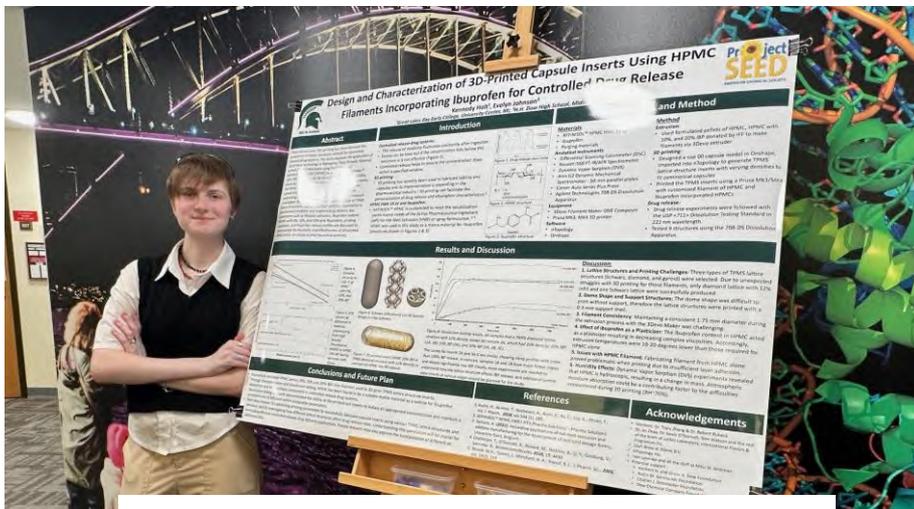
Student Lead Tour at CMU



Students Derek, Joe, and Maame led an informative lab tour, showcasing their research on designing and testing resin filters for the removal of arsenic and ammonia at CMU.



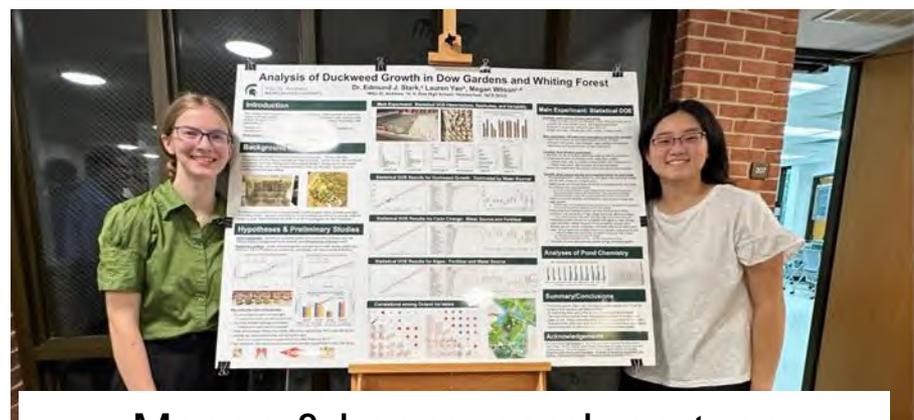
MSU St Andrews Poster Presentation



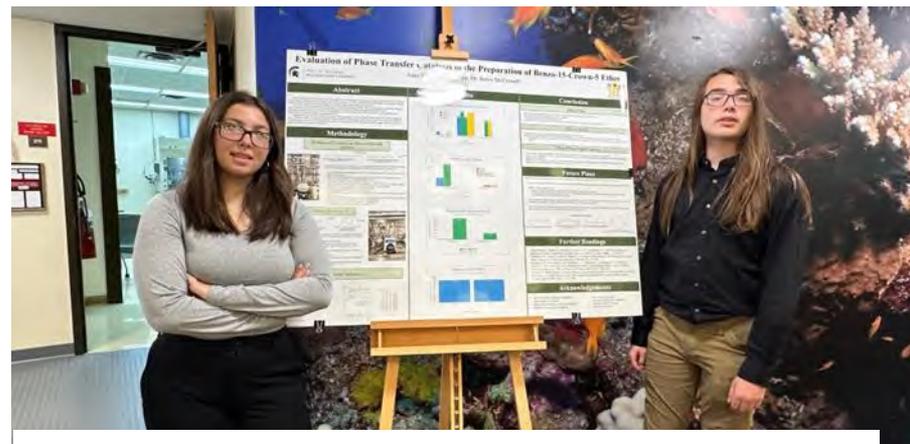
Kennedy presenting her poster



Jonathan presenting his poster



Megan & her research partner presenting their poster



Emily & Isaac presenting their poster

Student Lead Tour at SVSU



Students Serena and Sophia led an informative lab tour, showcasing their water collection efforts and testing for E.coli of area bodies of water at SVSU.



Hemlock SemiConductor Tour



Student Lead Tour at MSU St Andrews



Denver Group lunch at Red Rock

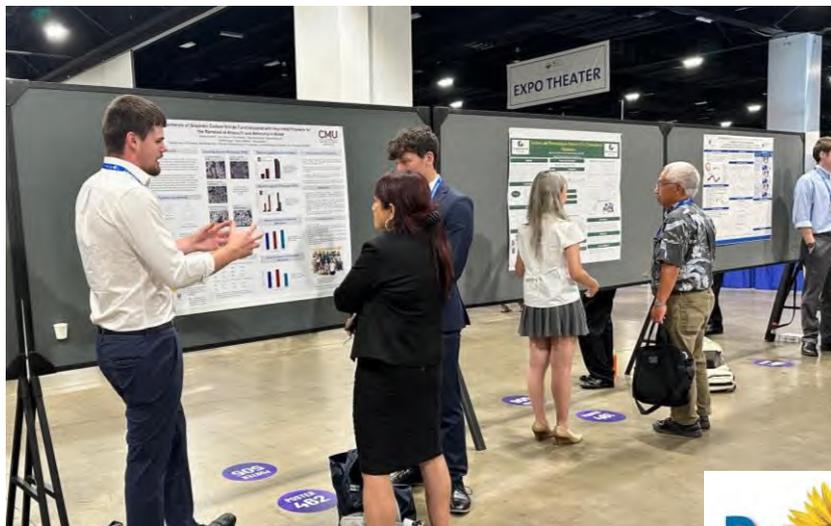


Midland ACS & Detroit SEED students and CMU undergraduate students networking and enjoying some down time at the Denver meeting.

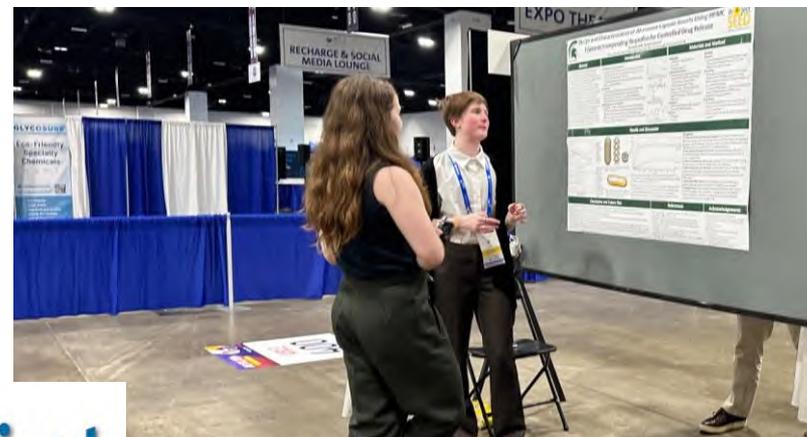
Denver -Convention Center



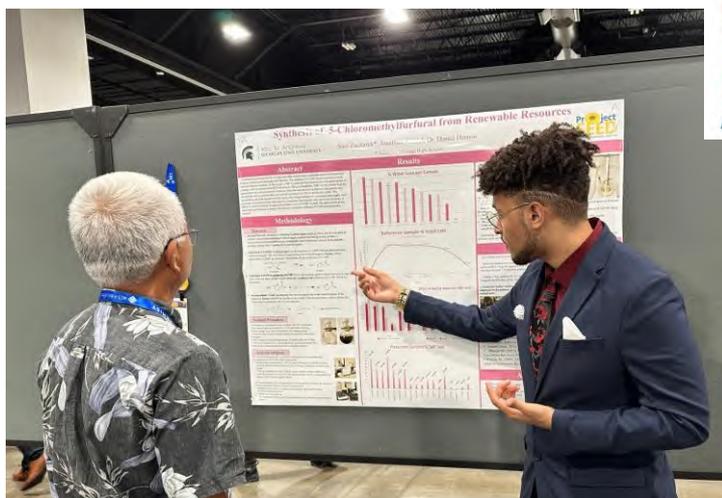
Denver- SciMix



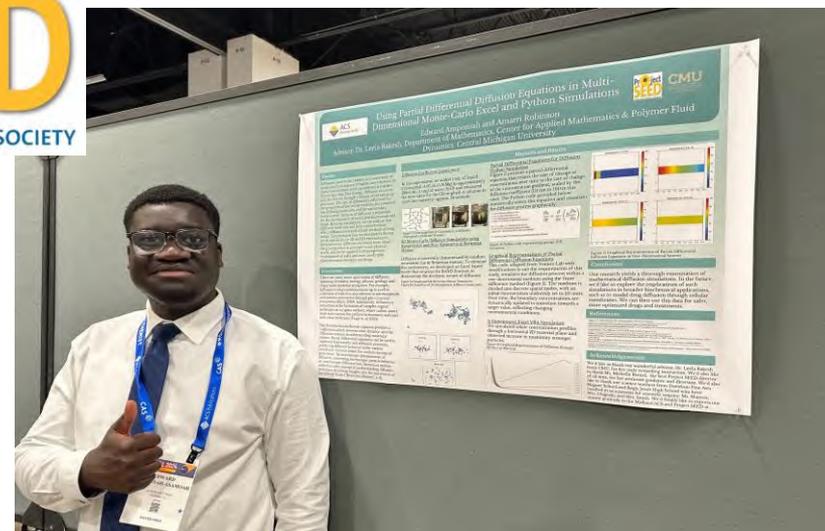
Derek & Joe presenting



Kennedy presenting



Jonathan presenting



Edward presenting

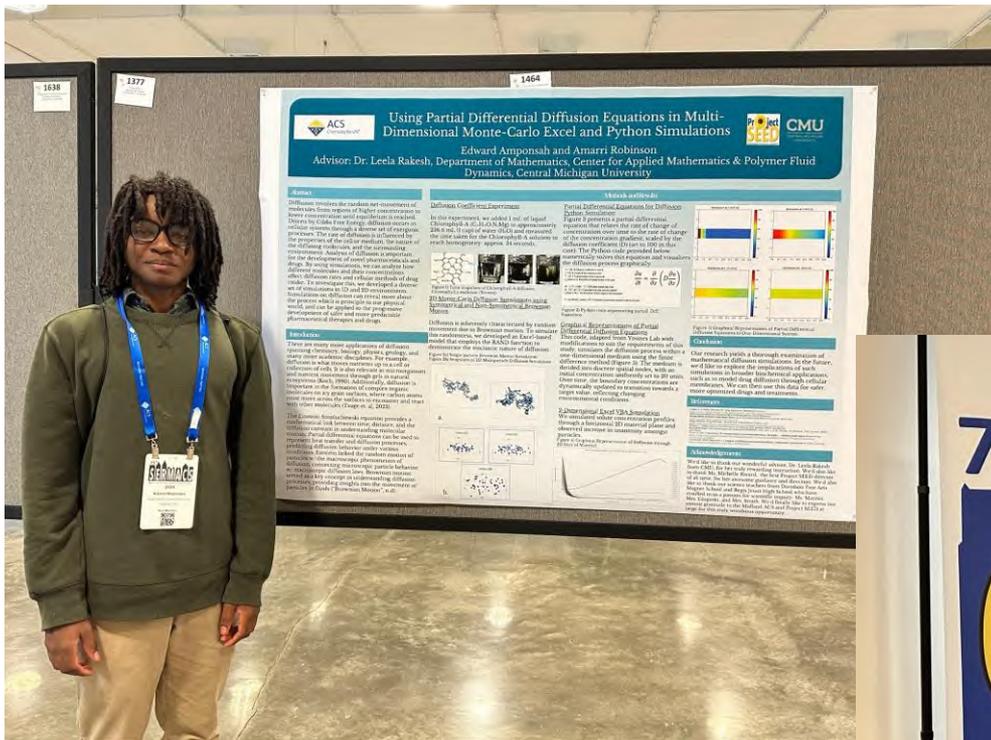
ChemLuminary Award Winner



SEED student Joe & Coordinator Michelle accepting the ChemLuminary award in Denver.

2024 Outstanding Efforts by a Local Section to Organize a Project SEED Program (Small Program)

Atlanta- SERMACS

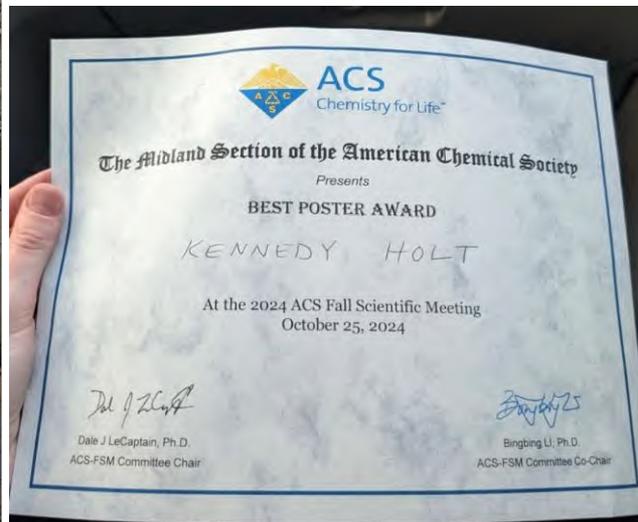
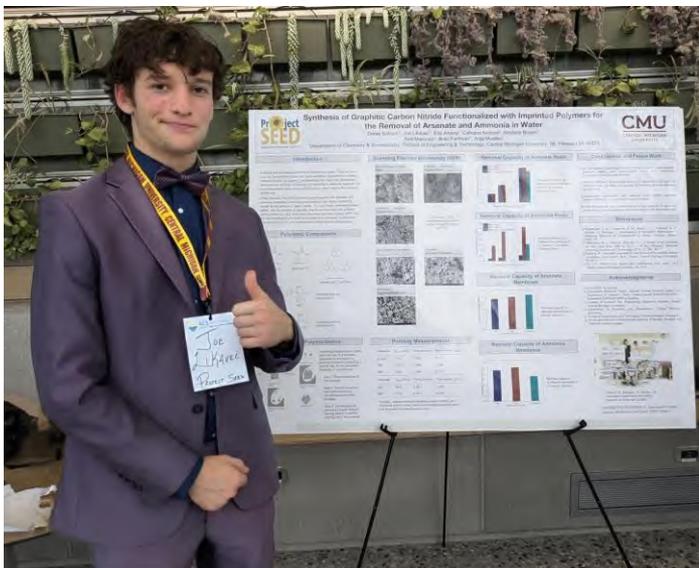


Amari presenting his poster at SERMACS



AMERICAN CHEMICAL SOCIETY

Fall Scientific Meeting (FSM) at CMU



Joe presenting his poster at FSM

Kennedy Holt and her research partner receive the Best Poster Award at FSM



Jonathan presenting his poster at FSM



Emily presenting her poster at FSM

Connecting with Future Scientists



SEED alumni Kennedy and Coordinator hosting an Information table at Saginaw's Carrolton Schools Health and Resource Fair