

# SELENE KOREMENOS-TSEBELIS

she/her | Ann Arbor, MI | seleneko@umich.edu | 734 -747- 4915 | [linkedin.com/in/selene-koremenos-tsebelis/](https://www.linkedin.com/in/selene-koremenos-tsebelis/)

## EDUCATION

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### University of Michigan\*

College of Engineering  
*Materials Science and Engineering (B.E.)*

Ann Arbor, MI  
*Expected Graduation: May 2029*

School of Public Health  
*Public Health Sciences (B.S.)*

Ann Arbor, MI  
*Expected Graduation: May 2029*

\*Established the inaugural dual-degree pathway linking the College of Engineering and School of Public Health for the first time in the University's history.

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## RESEARCH AND TEACHING INTERESTS

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Sustainable energy, electrochemistry and energy storage, surface engineering, materials–public health interface, community-based participatory research, risk mitigation and resilience planning, evidence-based policy, grassroots organizing

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## RESEARCH EXPERIENCE

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### Michigan Research and Discovery Scholars

*Student Researcher*

Ann Arbor, MI  
August 2025-May 2026

- Interdisciplinary undergraduate research contributing to ongoing academic studies within the university research community
- Design and conduction of experiments relating to material depositions using ultra-microelectrode surface probes

### National Science Foundation: Center for Materials Innovation

*Academic Affiliate/ Researcher*

Ann Arbor, MI  
June 2024-present

- Conducting research supported by NSF grants under the Materials Research in Science and Engineering Centers
- Electrochemical exfoliation and characterization of functionalized layered 2D misfit material
- Engaged in the development of a pedagogical framework and experimental protocols for undergraduate laboratory modules on renewable energy using perovskite solar cell fabrication and characterization

### NASA, University of Michigan College of Engineering: SunRISE Ground Radio Lab

*Academic Affiliate/ Researcher*

Ann Arbor, MI  
March 2024-May 2025

- Served as the student lead on a collaborative research initiative between the University of Michigan and NASA
- Solar particle data collection and contributing to space weather data analysis, to gather information on the mechanisms behind solar flares, Solar Energetic Particles during solar eruptions, and how various solar emissions impact space weather phenomena

### UMich Institute for Firearm Injury Prevention: Michigan School Safety Initiative

*Youth Advisor*

Ann Arbor, MI  
September 2023-present

- Advised a collaboration between the State and the University in partnership with the National Center for School Safety
- Oversaw project development and research focused on young adult perceptions of school safety practices

### Gilder Lehrman Institute of American History

National Organization

*Student Advisory Council*

August 2023-present

- Selected as Michigan's representative on the national advisory council
  - Assisted with program development and served as a research assistant for the institute's educational initiatives
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## PROFESSIONAL EXPERIENCE

### Michigan House of Representatives

*Legislative Staff*

Michigan

June 2025-present

- Communicated with constituents and supported policy research and development, drafted briefings and contributed to legislative strategy during the sessions of 2025 and 2026 for Representative Jason Morgan
- Policy work focused on public health, transportation, public media funding, education, and housing

### Washtenaw County Board of Commissioners

*Youth Commissioner ( District 7)*

Washtenaw County, MI

June 2024-August 2025

- Collaborated with commissioners to propose and support resolutions for youth welfare, representing 7 different schools in-district and approximately 4,000 students
- Invited to the Michigan Capitol to advise on environmental policy with state legislative staff and Governor Whitmer's office

## PRESENTATIONS, POSTERS, & CONFERENCES

### University of Michigan REx Symposium

*Raman Spectroscopic Study of Electrochemical Exfoliated  $(Sb_2Te_3)_1(Sb_2)_1$*

Ann Arbor

July 31, 2025

### Center for Materials Innovation Affiliates' Day

*Exfoliation and Raman Characterization of Functionalized Layered Material*

Ann Arbor

July 31, 2024

## LEADERSHIP AND COMMUNITY OUTREACH

### Eli Savit for Michigan Attorney General

*Campaign Staff*

Michigan

July 2025-present

- Coordinated grassroots engagement, statewide campaign events, assisted with financial strategy, fundraising, and building the candidate's social media platforms

### Derrick Jackson for Washtenaw County Sheriff

*Campaign Staff*

Washtenaw County, MI

March 2024-August 2024

- Led canvassing, voter outreach, and stakeholder meetings across Washtenaw County

### Students Demand Action

*Chapter Lead and Founder*

National Organization

May 2022-present

- Testified before the Michigan Legislature, served as a panelist with Attorney General Dana Nessel; met with Lieutenant Governor Garlin Gilchrist to advocate for gun safety reform
- Led grassroots outreach campaigns, organized community events
- Completed Demand a Seat certification, developing advanced advocacy, communications, and political organizing skills

## SKILLS

**Languages and Dialects:** English (fluent), Greek (fluent), Spanish (fluent)

**Programming Languages:** Intermediate proficiency in Python, experience using Javascript

**Software:** Experience using Origin Pro, ImageJ, Fusion Autodesk, Canva Graphic Design, Microsoft Office

**Machining tools:** Experience using machine shop equipment including band saw, drill press, laser cutter

**Laboratory and Technical:** Raman Spectroscopy, X-Ray Diffraction, Potentiostat Operation, Soldering

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### AWARDS AND HONORS

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Betty Nixon Spurway & Don L. Nixon Full Tuition Scholarship	2025
Michigan Achievement Scholarship (2,000)	2025
National Science Foundation Research Grant (5,600)	2025
National Merit Finalist (2,500)	2025
National Science Foundation Research Grant (4,200)	2024

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### MEMBERSHIPS

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Center for Materials Innovation  
Michigan Materials Society  
Electrochemical Society Student's Chapter  
Students Demand Action  
End Gun Violence Michigan