



Join the Erinin Research Group!

Position: Graduate and Undergraduate Research Opportunities

Location: Department of Mechanical Engineering, University of Michigan Ann Arbor

Are you passionate about fluid mechanics? Do you want to be at the forefront of academic research that addresses challenges related to the ocean, the environment, naval hydrodynamics, and industrial fluid flows? The Erinin Research Group is looking for motivated and enthusiastic students to join our growing team starting in the Winter 2025 semester!

About us: Our research is in experimental fluid mechanics, with broad interests in:

- Multiphase flows
- Free-surface flows
- Surfactant dominated flows
- Development of optical measurement techniques in thermo-fluids

Specific problems we are interested in include:

- Droplet breakup in cross flows
- Accretion and melting of ice in marine environments
- Transport of inertial particles by water waves
- Development of measurement techniques to quantify ice melting rates

Learn More: Find out more about our research by visiting our website: <https://erinin.engin.umich.edu/>. If you are interested in joining us, please reach out to Professor Martin A. Erinin at merinin@umich.edu.

- **Ph.D.:** Applicants with a degree in a relevant field (e.g. engineering, mathematics, or fundamental sciences) will be considered. Students with relevant research interests and backgrounds are strongly encouraged to reach out.
- **M.S.:** Current U-M ME Master's students are encouraged to reach out about independent research opportunities (ME 590). Please include your C.V. and a summary of research interests.
- **Undergraduate:** We are looking for U-M undergraduates who enjoy hands-on work with STEM backgrounds like mechanical, naval, aerospace engineering, and physics.

