



MIE498H1: Research Thesis 2025-2026

Supervisor	Kevin Golovin
Supervisor email	kevin.golovin@utoronto.ca
Number of Positions	4
Open to	Mechanical Engineering Students
Term Offered	Full-year
Research Area	Materials
Research Topic	Advanced coating development in the DREAM Lab

Project Description

The DREAM Lab is developing several innovative coating technologies related to de-icing, replacing the toxic "forever chemicals", lessening microplastic release, and energy harvesting. Applications range from aerospace and drones, wind energy, cookware, textiles, and smartphone screens.

Additional Information

More information about some of the ongoing projects within the DREAM Lab may be found at <https://golovin.mie.utoronto.ca/research/>

Application Instructions

Please contact Prof. Golovin to discuss a specific project in more detail.