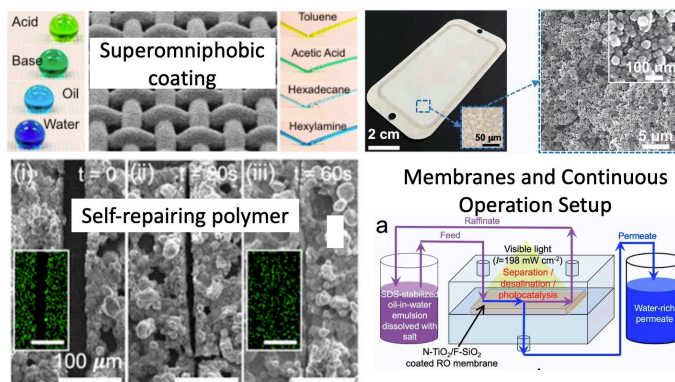


Gibum Kwon's Lab

(Innovative Surface and Interface Lab)

Research Areas

- Membranes for purifying oil-water mixture, seawater, wastewater.
- Superomniphobic coatings
- Self-repairing polymers
- Photocatalytic coatings
- Never-freeze surfaces

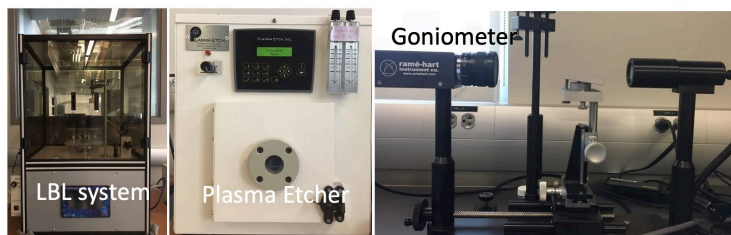


Collaborators

We collaborate with multiple researchers at KU and from around the USA. Collaborators in KU include Profs. Liu (Mech E), Gao (Protein Production Lab), Peltier (Environmental E).

Equipment

- Layer-by-Layer (LBL) Deposition System
- Plasma Etcher
- Goniometer
- Coating systems
- Customized desalination setup



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