

The following faculty are actively recruiting thesis research (MA) students for Fall 2027:

1. **Dr. Cecilia McHugh** (Cecilia.Mchugh@qc.cuny.edu): Projects conducting research in either the Long Island Sound or the Caribbean. The LIS research focuses on sediment transport processes in the estuary and anthropogenic impact, using a variety of tools (sediment cores, acoustic images, chemistry, and physical properties). The second project is about geohazards in the Caribbean using similar techniques as in LIS to identify paleoearthquakes.
2. **Dr. Dianne Greenfield** (DGreenfield@qc.cuny.edu): Research projects involving water quality impacts on the aquatic microbiome (phytoplankton, harmful algal blooms, other microbes) in NYC-regional environments. Emphasis is placed on connecting human activity (such as development and nutrient enrichment) on coastal ecological and biogeochemical processes in urban environments.
3. **Dr. William Blanford** (William.Blanford@qc.cuny.edu): Research opportunities in groundwater contaminant transport and novel remediation technologies. Projects include investigating temperature and groundwater chemistry effects on contaminant transport in porous rocks, applying groundwater modeling and artificial intelligence (AI) to improve predictions of contaminant migration and cleanup effectiveness, and developing modified plastics as advanced environmental sorbents.
4. **Dr. Jacquelyn Bracco** (Jacquelyn.Bracco@qc.cuny.edu): Projects involving identifying controls on amorphous vs. crystalline secondary phase formation on mineral surfaces and effects of impurity on secondary phase formation and mineral dissolution.

Other faculty may also be able to support a thesis research masters student, but are not actively recruiting at this time. You can find their info here:

<https://www.qc.cuny.edu/academics/sees/faculty-staff/>