

Faculty Name:

Ngai Yin Yip

Faculty Email:

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Lab:

Water-Energy-Environment Lab

Project Title:

Switchable solvents as a green chemistry approach for the selective recovery of critical materials

Description:

A position is available for undergraduate research assistant in the Department of Earth and Environmental Engineering. The individual will conduct research on the green chemistry approach of using switchable solvents for selective separations of critical material, including the sustainable recovery of lithium from hypersaline brines. The successful applicant is expected to work with project team members and be independent in carrying out experiments in the lab. General background in physics and chemistry are required. Additional background in transport phenomena, thermodynamics, and liquid-liquid equilibrium are preferred.

Location of Research:

On-Site

of hrs/week:

40

Department/Program:

Earth and Environmental Science

Eligibility:

General background in physics and chemistry are required. Additional background in transport phenomena, thermodynamics, and liquid-liquid equilibrium are preferred. BS, First Year, BS, Second Year

To apply, please contact:

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