

**Faculty Name:**

Lauren Marbella

**Faculty Email:**

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**Lab:**

Marbella Lab

**Project Title:**

Understanding K intercalation in cathode materials

**Description:**

The student will use electrochemical analytical tools and diffraction to compare K insertion with Li insertion in common cathode materials for alkali ion batteries.

**Location of Research:**

On-Site

**# of hrs/week:**

35

**Department/Program:**

Chemical Engineering

**Eligibility:**

BS, First Year, BS, Second Year

**To apply, please contact:**

Lauren Marbella, lem2221@columbia.edu