

**Faculty Name:**

Robert Joseph Farrauto

**Faculty Email:**

rf2182@columbia.edu

**Lab:**

Catalysis for a Sustainable Environment

**Project Title:**

Dual Function Materials for CO<sub>2</sub> capture and catalytic conversion

**Description:**

Development of new dual function materials composed an alkaline sorbent intimately mixed with a catalyst supported on a high surface area carrier (support) Direct air capture of CO<sub>2</sub> and its catalytic conversion to a fuel or chemical.

**Location of Research:**

On-Site

**# of hrs/week:**

35

**Department/Program:**

Earth and Environmental Engineering

**Eligibility:**

BS, Third Year

**To apply, please contact:**

rf2182@columbia.edu