

Faculty Name:

Robert J. Farrauto

Faculty Email:

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Lab:

Catalysis for a Sustainable Environment

Project Title:

Carbon dioxide and conversion to useful products

Description:

We have developed a variety of CO₂ sorbent/catalyst combinations called dual function materials (DFM) materials that are capable of capturing CO₂ from the air and converting it to useful products (PTC patent application). We have filed a provisional patent on a novel method for desorbing captured CO₂ at low temperatures thereby conserving energy. My current MS student will advance this technology towards commercialization as he works closely with two one of my PhD students.

Location of Research:

On Site

of hrs/week:

35

Department/Program:

Earth and Environmental Engineering

Eligibility:

MS

To apply, please contact:

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