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Contact Information:	studyinmexico@itesm.mx

Undergraduate Research Program

Project Name	Degradation of emergent contaminants and their Oxidation Products
Campus & Location in Mexico	Monterrey
Faculty	Engineering and Science
Research Area	Environmental Engineering
Research Responsible	Pr. Dr. Miguel Ángel López Zavala
Description of the Project	This research is looking to improve the treatment performance and the bioelectricity generation in a dual-chamber MFC by means of enhancing the electron transfer process, functionality and performance of electrodes and proton exchange membrane.
Training Provided	Sampling, monitoring, analytical determination of emergent contaminants using high precision liquid chromatography and gas chromatography

Offered during:

SUMMER

WINTER

SEMESTER

Student

Tasks/Responsibilities	Sampling, monitoring, analytical determinations, integration of technical reports
Required Language Proficiency	English 90%
Required Skills and Abilities	Some skills and experience on laboratory measurements
Other Documents	<ol style="list-style-type: none"> 1) Being at least in your 2nd year of bachelor 2) Accumulative grade point average (GPA) 2.5 3) Official Transcript 4) 2 letters of recommendation of faculty members 5) Resume 6) Letter of intention explaining the reason why you would like to participate in the research program