

2019 MWRD INTERNSHIP PROGRAM

INTERNSHIP ANNOUNCEMENT



Position Title:
Environmental Soil Sciences Intern
Department:
Monitoring & Research
Location(s):

O'Brien WRP
3500 Howard Street, Skokie, IL 60076

Stickney WRP
6001 West Pershing Road, Cicero, IL 60804

Description:

The *Metropolitan Water Reclamation District of Greater Chicago* (District) is in search of a current college student seeking an internship opportunity in the Monitoring & Research Department. The prospective intern will participate with a collaborative effort between the MWRD and Iowa State University (ISU) focusing on the utilization of algae for nutrient recovery from wastewater by evaluating Revolving Algal Biofilm (RAB) System as a sustainable solution for nutrient recovery to meet effluent phosphorus limits. The intern will learn about water quality, wastewater treatment processes, and the role of nutrients in causing eutrophication. The intern will also be exposed to the process of nutrient cycling and making valuable products from algae biomass. Duties may include taking samples of influent and effluent, harvesting algae biomass, drying biomass, and data management. The intern will also assist with setting up and conducting experiments. At the conclusion of this experience, the intern will be able to articulate their findings and the relationship between this study and the mission of the District.

Rate of Pay:

This is a paid internship at \$13.00/hr.

Minimum Qualifications:

Applicants must have a current residence in Cook County, IL; be a citizen or national of the U.S., an alien lawfully admitted for permanent residence, or an individual otherwise legally authorized to work in the U.S.; and must obtain a letter of recommendation from the school's Internship Coordinator or Departmental Dean, or professor.

Educational Requirements:

Applicants must be a current graduate or undergraduate student seeking a degree in Biology, Agriculture, Environmental Sciences, or related field of study; have a driver's license; and may require personal transportation.

Contact Information:

Interested applicants must forward a resume, a cover letter and the school's referral or letter of recommendation to:

MWRDInternships@mwrdd.org

or

Attn: Karen Brown, HR Dept.-Employee Development
MWRD of Greater Chicago
111 E. Erie Street, Chicago, IL 60611
(Fax) 312-751-5162

Resumes and cover letters will be accepted until the position is filled.