

POLLUTION PREVENTION INTERN PROGRAM



» APPLY NOW FOR A 2022 INTERNSHIP

Build your résumé with hands-on experience at a top Iowa company while earning a great salary and receiving training from experts in your field.

To be considered for an internship, submit:

- » Application
- » Résumé
- » List of Fall 2021 and Spring 2022 courses
- » Cover letter
- » Unofficial transcript

Selection of 2022 interns will begin in November and continue into the spring until project assignments are finalized.

Interns with the 2022 Pollution Prevention Intern Program will make a 12-week commitment from May 23-August 12, 2022.

Please submit completed application packets to:

Danielle Roseland
Pollution Prevention Intern Coordinator
email: Danielle.Roseland@dnr.iowa.gov

CHECK US OUT!

www.iowap2interns.com

JUMP-START YOUR CAREER!

Enriching, confidence-building, rewarding and a career boost are words interns use to describe their experience. Host companies praise the fresh perspectives, credible information, and bottom-line savings interns bring to their operations. Twenty-five percent of past interns report job offers resulting from their internship.

Solve real problems and produce real results

» Interns serve as project managers at their host companies and receive technical support from Iowa Department of Natural Resources' Pollution Prevention Services engineers.

Host companies have saved more than \$111.8 million and bolstered environmental performance as a result of implementing their intern's recommendations. Since 2001, companies have confirmed implementation of the following environmental improvements:

- » Reduced energy usage by more than 504.2 million kWh and 22.2 million therms
- » Conserved more than 5.77 billion gallons of water
- » Diverted more than 258,719.9 tons of solid and special waste
- » Reduced usage of hazardous materials by 10,015.6 tons



Working together to achieve economic and environmental results.

THE POLLUTION PREVENTION INTERN PROGRAM IS THE OPPORTUNITY FOR YOU

As an intern in the nationally recognized Pollution Prevention Intern Program, you will work on-site at a company or institution dedicated to protecting the environment and saving money through projects aimed at reducing or eliminating waste and inefficiencies.

PROJECT AREAS IMPLEMENTED

- Lighting retrofits
- Boiler efficiency
- Heating and ventilation efficiency
- Compressed air efficiency
- Water usage
- Wastewater treatment
- Interior & exterior thermographic analysis
- Solid waste reduction & management
- Process improvements
- Hazardous chemical substitution with less-toxic alternatives
- Refrigeration
- Life cycle analysis
- Chiller/cooling tower efficiency

This internship gives you hands-on experience from day one and gives you a preview of what an engineering career can look like, but you have that safety net to support you if you need help.

— Joey Romo, Iowa State University

You are given ownership of a meaningful project from its start. The hands-on introduction to project management and opportunity to work in a professional engineering environment provide a meaningful experience in a consultant's role.

— Kevin Dial, The University of Iowa

This program is not like any other. You gain real hands on experience and get to tackle problems that most couldn't imagine. Although help is always available, the outcome is purely in your hands.

— Joe Kranz, Western Illinois University



FAQ

FREQUENTLY ASKED QUESTIONS

WHAT IS POLLUTION PREVENTION?

Pollution Prevention is the act of changing client processes to reduce or eliminate waste and pollutants at the source, minimizing the need for treatment or disposal.

WHO IS ELIGIBLE FOR AN INTERNSHIP?

Upper-level undergraduate students and graduate program candidates are eligible. Selected applicants will be matched to a project based on academic performance, relevant experience, and technical skills. Up to 15 internships will be funded in 2022.

HOW DO PROJECTS WORK?

Interns report to a company supervisor who provides on-site resources and garners management support. They also report to a P2 program advisor who provides technical support. The intern will assess a process, research options, evaluate feasibility, and develop cost comparisons for their assigned project. Interns will also initiate implementation of their recommendations at their host company. Deliverables include a final report documenting results, a case summary of the project, and a presentation to host company management.

WHAT SUPPORT WILL I HAVE?

Internships will begin on May 23rd with a week of training. Interns will learn how to complete an assessment and identify inefficiencies, how to apply P2 methodologies to improve performance and reduce waste, and how to quantify economic and environmental savings. All interns will be assigned a P2 Program Adviser who will provide technical support and resources throughout the internship.

BACKGROUND

Pollution Prevention Services is a team of DNR experts offering non-regulatory environmental technical assistance to business and industry, institutions, and government agencies. The internship program matches host companies with students, refines project goals, helps to generate ideas, and keeps projects focused on pollution prevention.

Go to www.iowap2interns.com to get started!

The DNR is an EEO/AA Employer



PRINTED ON
RECYCLED PAPER

