

Internship: Lead a project focused on energy conservation & environmental sustainability.

Company: CHS Inc., Inver Grove Heights, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior-level college student to lead a project focused on energy efficiency & sustainability with CHS, based out of Inver Grove Heights, MN. The intern will work with MnTAP and CHS staff to identify process and energy efficiency opportunities at several CHS facilities. The project will involve analyzing baseline data, prioritizing opportunities, and developing timelines and cost estimates for improvement options. The project will also involve working with various personnel to obtain information, documenting key processes, and consulting personnel to identify opportunities for energy and cost savings.

JOB DUTIES:

As part of this project, you will be asked to complete the following tasks:

1. Gather and review current baseline data pertaining to energy usage at CHS facilities.
2. Gather information regarding the current state of energy management, equipment and breakdown of energy usage by process at select facilities.
3. Evaluate and perform energy audits in conjunction with local utility providers or other third-party energy consultants at select facilities.
4. Investigate potential improvements to motor management, pumps, lighting, compressed air systems, ventilation, building/process controls, pumps, as well as other components involved in process energy usage.
5. Prioritize efficiency improvements based on feasibility and calculate simple payback for each recommendation.
6. Summarize findings in an executive summary and a detailed report, including recommendations and proposals. The summary will include an economic analysis and justification of changes along with a case study/white paper to share with other similar CHS business units.
7. Present findings to the company and at MnTAP-hosted public presentation events.
8. As appropriate and as time allows, assist with implementation of any approved changes and system upgrades.
9. As appropriate and as time allows, assist with other specialized key EHS efforts pertaining to the topics of: waste profile & disposal, container disposal, UST/AST data bases, SPPC plans and other env./sustainability functionalities.

As an intern, you will work at the company and report back to MnTAP. The position is full time, 40 hours per week, for three months to start after the conclusion of spring semester or quarter. Pay is \$15/hour, with a lump sum stipend of \$1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$17.00/hour when averaged over the project. Candidates must pass a background check.

QUALIFICATIONS:

- Cumulative GPA of at least 3.0
- Good oral & written communication skills
- A technical academic background
- Troubleshooting skills
- Self-motivated
- Ability to work independently
- Excel and other software skills
- Appropriate majors: *Engineering, environmental or physical sciences and others as applicable*

TO APPLY:

Apply online at:

www.mntap.umn.edu/intern/student_apply.htm

Remember to submit your application form, cover letter, resume, and unofficial transcript.

Applications can be addressed to:

Matt Domski, Intern Program Manager

200 Oak Street SE, Suite 350-1

Minneapolis, MN 55455 • mdomski@umn.edu

MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY