INTERNSHIP: Lead a project focused on scrap reduction and energy efficiency (Summer 2019)
COMPANY: Wenger Corporation - Owatonna, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on wood scrap waste reduction and energy efficiency with Wenger Corporation in Owatonna, MN. The intern will work with MnTAP and Wenger Corporation staff to develop a plan for monitoring wood scrap generation that results from production processes and identifying opportunities for reduction. The intern will also consider opportunities for energy efficiency, which may include equipment shutdown procedures and controls, motor efficiency, pneumatic vs. electric tools and overall process energy efficiency. The student will draft a report detailing the savings opportunities and will help the facility implement these projects as time allows.

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

1. Develop a plan to track and measure wood scrap waste from two product lines.
2. Analyze data to identify relevant trends (in size, shape, rate, etc.) of wood scrap pieces and what methods may be useful to minimize generation.
3. Benchmark energy use in the facility and prioritize highest using processes
4. Evaluate process shutdown procedures, controls, and equipment. Recommend changes to increase energy efficiency.
5. Guide the overall development of resources to help employees minimize scrap and conserve energy.
6. Work with Wenger’s management and employees to outline a strategy for implementation of recommendations.
7. Manage project tasks, activities, and project documentation effectively.
8. Work professionally and safely.
9. Summarize findings in a detailed final report, including recommended procedures and vendor proposals along with an economic analysis and justification of changes.
10. Present project findings to Wenger Corporation and at MnTAP-hosted public presentation events.

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 $14/hour, with a lump sum stipend of $1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to $16.00/hour when averaged over the project. Candidates must have a valid driver license and 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
• 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.
Cover letters can be addressed to:
Nathan Landwehr, Intern Program Administrator
200 Oak Street SE, Suite 350-1
Minneapolis, MN 55455 • landwehr@umn.edu

MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY

MnTAP is located at the University of Minnesota School of Public Health, Division of Environmental Health Sciences, and funded in part by a grant from the state of Minnesota