

Strengthening Minnesota businesses by maximizing efficiency and lowering costs through energy, water and waste reduction

Internship: Lead a project focused on medical device reuse and waste reduction.

Company: Abbott Northwestern Hospital - Minneapolis, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on medical device and equipment reuse and waste reduction with Allina's Abbott Northwestern Hospital. The intern will work with MnTAP and Abbott Northwestern Hospital staff to research reuse opportunities for the hospital, reduce waste generation, and explore opportunities for associated energy efficiency upgrades. The intern will quantify these opportunities and develop suggestions to reduce waste and conserve energy as well as outline plans for implementation.

JOB DUTIES:

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

1. Identify opportunities and strategies to reuse hard to reuse items.
2. Discover opportunities to reduce or eliminate use of disposable products across the supply chain, prioritizing pharmacy operations.
3. Create process for collecting compostables, including paper towels in high traffic restrooms and compostable dishware in food service areas.
4. Assist with removal of inefficient appliances and estimate resulting energy savings.
5. Estimate waste, energy, and water reduction potential from implementation of provided recommendations, then prioritize suggested changes using simple payback methods for financial justification.
6. As appropriate, support implementation of approved process changes or outline plans for future implementation.
7. Summarize findings in a detailed report, including recommended procedures and vendor proposals along with an economic analysis and justification of changes.
8. Present findings to the company 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 \$19/hour, with a lump sum stipend of \$1,500 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$22.00/hour when averaged over the project. Candidates must pass a background check. As the worksite is a health care facility, flu immunization is required.

QUALIFICATIONS:

- U.S. work authorization
- Strong communication skills
- Ability to work in a fast-paced environment
- A technical academic background
- Troubleshooting skills
- Self-motivated
- Excel and other software skills
- Cumulative GPA of at least 3.0
- Preferred majors: *Engineering, environmental or physical sciences and others as applicable*

TO APPLY:

Apply online at:

www.mntap.umn.edu/interns/student/apply/

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

Applications can be addressed to:

Matt Domski, Intern Program Manager

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MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY