

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

Internship: Lead a project focused on food waste minimization and diversion.

Company: Allina Health – Fridley, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on food waste minimization with Allina Health in Fridley. The intern will work with MnTAP and Allina Health staff to evaluate strategies for reducing food waste at Allina Health's Mercy-Unity hospital in Fridley. The student will also evaluate opportunities for off-site management of food waste. The intern will quantify these opportunities and develop suggestions to reduce waste 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 and quantify organic waste sources at the hospital. These may include pre-consumer and post-consumer streams.
2. Investigate opportunities for reduction, reuse, or upcycling of organic waste, particularly as they align with the waste hierarchy.
3. Assist in developing standardized procedures for organic waste management.
4. Explore opportunities to incorporate LeanPath's results into everyday organic waste management practices, particularly source reduction.
5. Write a brief LeanPath case study that can be used at other hospitals throughout Allina Health.
6. Make recommendations for specific improvements based on research, testing, and calculation that will result in waste reduction.
7. Estimate waste, and if applicable, water and energy reduction potential from implementation of provided recommendations, prioritizing suggested changes using simple payback methods for financial justification.
8. As appropriate, initiate implementation of approved process changes or develop plans for future implementation.
9. Summarize findings in a detailed report, including recommended procedures and vendor proposals along with an economic analysis and justification of changes.
10. 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 \$18/hour, with a lump sum stipend of \$1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$20.00/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
- 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/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