

Internship: Lead a project focused on how to reduce waste in the operating room of a hospital.

Company: Fairview Hospital – Minneapolis, MN (East Bank Campus)

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on reducing waste in the operating room (also known as “greening the OR”) at Fairview Hospital on the East Bank campus. The intern will work with MnTAP and Fairview staff to map what materials are involved in surgery prep, surgery operation, and cleanup with the goal to determine the quantity of waste per surgery as well as potential improvement opportunities. The student will also work on reducing cafeteria waste as time allows. 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 baseline data for areas producing waste within the OR setting such as surgical kits, anesthetic gas, and other traditional waste streams.
2. Conduct staff interviews to identify rationale behind current state practices and procedures.
3. Map out all individual staff members by title involved in the procurement, use, and disposal of the waste streams.
4. Research industry best practices to bring forward recommendations for alternative processes and/or products.
5. Perform waste audit of cafeteria(s) to determine current diversion totals and identify opportunities for improvement.
6. Complete a lighting audit, suggest energy efficient LED alternative lighting, and identify rebate opportunities.
7. Estimate waste, energy, and water reduction potential from implementation of provided recommendations, then prioritize suggested changes using simple payback methods for financial justification.
8. As appropriate, support implementation of approved process changes or outline 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 \$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.

QUALIFICATIONS:

- U.S. work authorization
- Strong communication skills
- Able 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