

Reduce Waste in the Operating Room at the University of Minnesota Medical Center, Fairview

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to work as project manager to identify ways to reduce waste generated in the operating room at a large hospital facility in Minneapolis.

PROJECT:

The goal of the project is to analyze and implement waste reduction opportunities at the University of Minnesota Medical Center, Fairview.

JOB DUTIES:

1. Quantify waste associated with disposable surgical gowns including costs of procurement and disposal.
2. Quantify waste associated with reusable surgical gowns including procurement, washing and disposal.
3. Assess reusable surgical gown barrier resistance.
4. Develop a life cycle analysis/comparison of the two types of gowns.
5. Provide assistance to other surgical pick studies that are on-going at the facility.
6. Investigate other waste reduction opportunities as time permits.
7. Summarize findings in a detailed report, including recommended procedures and system configuration along with an economic analysis and justification of any changes.
8. Present findings to the company and at MnTAP-hosted public presentation events, one of which may include a presentation at the Minnesota Pollution Control Agency (MPCA).

The intern will work at the company and report back to MnTAP. The position is full-time for 3 months to start after conclusion of spring semester or quarter. Pay is \$8.35/hour, with a lump sum stipend of \$2,500 upon completion of the project deliverables: final report and presentations (working out to \$13 an hour).

QUALIFICATIONS:

- Cumulative GPA of at least 3.0
- Good oral & written communication skills
- A technical academic background
- Troubleshooting skills
- Appropriate majors:
Chemical engineering, chemistry, civil engineering, mechanical engineering, physics, others as applicable

TO APPLY:

Send a letter of interest/cover letter, your unofficial transcript, and resume to:

Krysta Larson, Intern Coordinator
kjarson@umn.edu (preferred)
200 Oak Street SE, Suite 350
Minneapolis, MN 55455

MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY.