2016 MnTAP Summer Internship: Hennepin County Medical Center

Lead a project focused on water conservation and water quality issues at a major urban healthcare campus

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on water conservation at Hennepin County Medical Center in Minneapolis, MN. The intern will work to produce measurable reductions in the use of water from system distribution, washing and sterilizing processes, building process water use, and domestic water use. In addition, the intern will work with Infection Prevention personnel to understand and evaluate assessing and improving the purity of supply water related to water use procedures aimed at reducing bacterial contamination.

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

1. Analyze existing water data to identify, analyze, develop, and cost-justify water conservation opportunities, including, where possible, applicable energy saving metrics.
2. Evaluate water-dependent facilities equipment and/or operating procedures related to water use reduction.
3. Evaluate water-dependent healthcare critical protocols like instrument washing and sterilization for water conservation improvements.
4. Evaluate feasibility and impact of potential changes to kitchen preparation and food distribution system equipment sanitation protocols.
5. Inspect, measure, and catalog domestic fixturing throughout priority areas of the facility and develop recommendations for improvements including potential upgrades to achieve greater conservation.
6. As agreed upon, and as time permits, identify additional associated water conservation opportunities.
7. Work with hospital and facilities staff to coordinate site work priorities, gather and analyze data generated, provide timely updates to staff, and implement feasible recommendations.
8. Manage project tasks, activities, and project documentation effectively, professionally, and safely.
9. Summarize findings in a detailed report.
10. Present project findings to hospital administration and other personnel 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 $13/hour, with a lump sum stipend of $1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to $15.00/hour when averaged over the project. Candidates must have a valid driver license and pass a drug test.

**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](http://www.mntap.umn.edu/intern/student_apply.htm)

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

Applications can be addressed to:
Linda Maleitzke, Intern Coordinator
200 Oak Street SE, Suite 350-1
Minneapolis, MN 55455 • lmaleitz@umn.edu

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.