INTERNSHIP: Lead a project focused on process water conservation and efficiency in the manufacture of personal care products. (Summer 2019)

COMPANY: Aveda Corporation, Blaine, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior-level college student to lead a project focused on conserving water and improving process efficiency related to cleaning equipment used to manufacture high quality products for personal care and beauty. This will involve understanding the cleaning processes, procedures, controls and equipment, along with product quality constraints and limitations, to develop and evaluate proposals to improve cleaning process processes with the goal of reducing water use. Aveda is a manufacturer a wide range of personal care products based on natural and botanical raw materials.

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

1. Perform Root Cause Analysis on off grade product.
2. Determine best practices for handling off grade product.
3. Evaluate compressed air system end uses and recommend best practices
4. Perform energy balance on the facility and make recommendations to reduce energy use facility wide.
5. Investigate improvements on the chilled water system and recommend an energy efficient system.
6. Evaluate potential improvements to these operations and demonstrate the feasibility of change.
7. Develop a cost-benefit analysis and justifications for the most promising changes identified, and make formal proposals for implementation to management as appropriate.
8. Organize and manage project tasks, activities, and project documentation effectively.
9. Work with Aveda staff to guide implementation as appropriate.
10. Summarize the recommendations and results in a detailed report.
11. Present project findings to Aveda, and at a MnTAP hosted public presentation event.

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 $14/hour, with a lump sum stipend of $1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to $16.00/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:

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