

Internship: Lead a project focused on waste reduction at a medical diagnostics manufacturer.

Company: Beckman Coulter – Chaska, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on waste reduction with Beckman Coulter in Chaska, MN. The intern will work with MnTAP and Beckman Coulter to implement reusable packaging and identify other waste reduction opportunities. The intern will quantify these opportunities and develop suggestions to increase efficiency, as well as outline plans for implementation.

JOB DUTIES:

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

1. Coordinate with Beckman Coulter staff to perform one or more waste sorts for manufacturing areas.
2. Identify and create a plan to implement reusable pallet packaging for the substrate area.
3. Investigate options to reduce, recycle, or otherwise manage plastic bags and polystyrene, and other waste.
4. As time allows, assess the compressed air system and ultra-cold freezers for energy saving opportunities.
5. As appropriate, initiate implementation of approved process changes or develop plans for future implementation.
6. Summarize findings in a detailed report, including recommended procedures and vendor proposals along with an economic analysis and justification of changes.
7. 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 \$16/hour, with a lump sum stipend of \$1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$18.00/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/intern/student_apply.htm

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