

Internship: Lead a project focused on TRUE zero waste analysis and waste prevention

Company: Boston Scientific – Arden Hills, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on TRUE zero waste (TZW) analysis and waste prevention solutions development with Boston Scientific in Arden Hills, MN. The intern will work with MnTAP, Boston Scientific staff, and vendor contacts to facilitate elements of the TZW analysis. Through analysis the intern will also identify opportunities and develop solutions for waste prevention and diversion. The intern will quantify these opportunities as recommendations, as well as outline plans for implementation.

JOB DUTIES:

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

1. Review TRUE zero waste program framework, existing facility data and identify key contacts for pre-gap analysis.
2. Coordinate stakeholder interviews in conjunction with Boston Scientific consultant to begin gap analysis.
3. Utilize stakeholder interview findings, waste stream data, and current procedures to identify opportunities and establish TRUE baseline. Support waste metric tracking for the site and input data into TRUE system, as needed.
4. Conduct assessments of various site operations to develop solutions for reducing sources of waste (i.e. process waste, packaging, hazardous waste).
5. Collaborate with Maple Grove Boston Scientific intern on TRUE program tracking and site solutions development.
6. Make recommendations for specific improvements based on process assessments, research, and calculations.
7. Estimate waste reduction potential from implementation of provided recommendations. Prioritize suggested changes using simple payback methods for financial justification.
8. As appropriate, initiate implementation of approved process changes or develop 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 \$18/hour, with a lump sum stipend of \$1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$20.00/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/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