The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on benchmarking and best practices with Ecolibrium3 in the Lincoln Park neighborhood of Duluth. The intern will work with Eco3 staff to gather benchmarking data and perform energy, water, storm water and waste audits at small businesses in the Lincoln Park neighborhood and work to develop a template on performing business water, energy and waste audits. The intern will perform site specific audits to identify savings opportunities in areas such as water reduction, compressed air systems, scheduling of major pieces of equipment, lighting, HVAC. Industry sectors that may be involved include automotive, and other light manufacturing. The student will draft reports detailing savings opportunities for 3-5 businesses over the summer, encourage implementation, and return to the facilities to verify savings.

**JOB DUTIES:**

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

1. Develop or use existing benchmarks that will be used to compare energy, water, and waste usage within categories of similar businesses and determine best methods of gathering this information from businesses.
2. Gather benchmarking data from 4-6 businesses within each category (manufacturing, automotive, retail, distributors, etc.) from the Lincoln Park neighborhood and/or City of Duluth, and provide analysis of the data.
3. Determine best way to approach reduction from on a neighborhood scale in support of Ecolibrium3 project goals.
4. Gather list of local resources available to businesses, such as utility rebates, or free assessments.
5. Identify best practices for each business category.
6. Develop a template for energy, pollution, water and storm water runoff assessments with businesses, to be used by Ecolibrium3 staff to continue assessments beyond the project period. Identify 3-5 businesses to conduct deeper assessments at using the business assessment template.
7. Estimate reduction or diversion potential and costs associated with implementation of a recommended reduction opportunity.
8. Summarize findings and recommendations in a report for each business. Provide implementation assistance as needed and as time permits.
9. Summarize work in a final report and present findings to Ecolibrium3. Present findings 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 THE HIRING BODY: DO NOT CONTACT THE COMPANY.**