

The Smart and Small Thermal Systems group (S2TS) within the Center for Environmental Energy Engineering in the mechanical engineering department, in coordination with its sponsors and collaborators, is looking for qualified undergraduate (junior standing or higher) or graduate level students who may be interested in simulation/modeling, as well as hands-on evaluation of commercial buildings energy analysis with the aim of reducing carbon emissions through energy audit, energy efficiency, renewable energy, and electrification. Competitively paid hourly work or regular graduate student assistantship opportunities are available based on qualifications and matching interest/skills. Expectations and tasks include the following:

- I. Conduct hands-on and/or computer-driven energy consumption analysis. Work with other team members in the group and prepare technical energy consumption analysis reports and presentations.
- II. Attend weekly meetings and report the progress made.
- III. Participate in progress review meetings and reports to the sponsors.

#### **Qualifications and Compensation:**

- Graduate level students, or Junior level or higher standing
- Be available for 15 (minimum) to 20 hrs per week (desired).
- Have strong interest in energy efficiency/sustainable energy and a GPA of 3.25 or higher. Prior course work and/or experience highly desired. Limited training will be provided.
- Competitive hourly pay, commensurate with the experience.
- We are looking for students who are excited to get involved with this project, demonstrate good performance and stay in our program for one or more semesters.

Interested candidates should send a copy of their resume and a brief statement of interest to Drs. Michael Ohadi ([ohadi@umd.edu](mailto:ohadi@umd.edu)) and Roxana Family ([rfamily@umd.edu](mailto:rfamily@umd.edu)) **by no later than December 30, 2022.**

**Applications will be reviewed upon receipt. Early applications are highly encouraged.**

