

## **Allison Rutter**

At RMI, Allison Rutter has provided the Built Environment Team with expertise related to HVAC design and Energy Analysis. This has taken many forms, from independent advice on projects to full energy modeling for LEED submission. As part of her intern duties, Allison has generated tools and documents for the Built Environment Team, as well as given numerous tours of BET's LEED-CI Platinum to clients and visitors. She has actively participated in RMI events, including RMI25, and RMIQ's. Allison has also taken part in four charrettes, with preparation, research, note-taking, and facilitation, as well as reporting on charrette outcomes. Currently, Allison is heavily involved in projects ranging from building specific to corporate and city-wide sustainability analyses.

With Staengl Engineering, Allison designed Heating, Ventilation, and Air Conditioning (HVAC) systems for high performance buildings. As a Project Engineer, Allison worked on energy modeling for a number of LEED projects, as well as green building systems design for culinary kitchens, dance studios, green residences, and school buildings.

Most recently, Allison completed a building simulation analysis on a teaching facility and community space project intended for LEED Gold Rating. The design utilized displacement ventilation for a theatre space as well as employing variable volume kitchen exhaust and make-up air control. The project was submitted for a LEED Gold Rating, with the energy analysis resulting in 7 points under Energy and Atmosphere Credit 1. One of Allison's final projects with Staengl Engineering involved a building simulation analysis for a net zero energy office building.

Allison is a graduate of the University of Portland with a BS degree in mechanical engineering with a minor in business administration. She is a designated EIT and a LEED accredited professional.

Allison is skilled in energy modeling with DOE2, eQuest, EnergyPlus, DesignBuilder, as well as performing load calculations with Trace 700. She has previous software experience with I-Deas, ANSYS, SolidWorks, and has extensive experience with AutoCAD.