

**Internship
Summer 2017**

**Trail Work and GIS Mapping
Middlebury Area Land Trust**

This internship is in memory of Professor Bob Churchill, the founder and director of the GIS program at Middlebury College, who trained more than 900 students in different aspects of GIS and cartography. Many of these students are now leaders in the field.

Overview

The Middlebury Area Land Trust (MALT) conserves, promotes, and manages land as natural, open, and working landscapes in Addison County. MALT also provides and supports recreational, educational, and cultural opportunities for the community.

We have conserved over 3300 acres in Middlebury and the surrounding towns, including natural resources like land along the Middlebury River corridor and Otter Creek. We work to develop important recreation amenities such as Otter View Park and Wright Park. More recently we have focused on maintaining the popular 16-mile Trail Around Middlebury (TAM), working with the National Park Service to extend the North Country National Scenic Trail via connector trails to Snake Mountain and the TAM from the Crown Point Bridge. (<http://www.maltvt.org>)

Duties/Tasks

MALT seeks a Middlebury College student intern for the summer. The intern will work 32-35 hours per week and will focus on GIS projects and physical trail work.

GIS work may include:

- new GPS tracks for trails that are new or have been modified;
- mapping related to existing projects or the creation of new conservation projects; and
- other duties as assigned.

Trail work may include:

- brushing/routine trail maintenance;
- parsnip control in Otter View Park with MALT staff;
- leading volunteer work parties with MALT staff;
- erosion control on various sections of the TAM; and
- coordination of trail work with MALT's Trails Director, John Derick.

Qualifications

Applicant must be a current Middlebury student, have knowledge of GIS mapping and cartographic principals and be able to handle physical labor in hot conditions. Applicant

must be able to work independently once tasks are explained and be self-motivated and committed to learning new technical and non-technical skills. Interest in land conservation and recreation issues is a plus.

Logistics - Time Frame/Location

The internship is 32–35 hours/week for approximately 10 weeks. Start and end dates are flexible, but generally go from mid June to the end of August. The Intern will work primarily at the Middlebury College GIS Lab with occasional work at the MALT office in Middlebury. The intern will also be working with other MALT staff and volunteers in the field on trail maintenance and upgrades. The intern will report to the Director. Middlebury's GIS Specialist, Bill Hegman, will provide technical and logistical assistance to the intern.

Compensation

Stipend of \$3675

Interested individuals should send a cover letter and resume by March 24, 2017 to:

Bill Hegman
GIS Specialist
329 Bicentennial Hall
443-5016
bhegman@middlebury.edu

Technical questions can be directed to Bill Hegman at the address above or:

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