



U. S. Department of Energy

At a Glance:

June 6 - August 19, 2016

30 hours/week

Stipend range from \$3,600-\$4,500

The **Vermont Clean Cities Coalition** (VTCCC) is a statewide program that was designated in 2001. The mission of the U.S. Department of Energy's Clean Cities program is to advance the economic, environmental and energy security of the U.S. by supporting local decisions to adopt practices that contribute to reduced petroleum consumption in the transportation sector. The Vermont Clean Cities Coalition brings together stakeholders in the public and private sectors to deploy alternative and renewable fuels, idle-reduction measures, fuel economy improvements, and emerging transportation technologies.

The VTCCC 2016 Summer Intern's work plan will focus on understanding, building, and growing the alternative fuel and advanced technologies workforce in Vermont and the northeastern US. This would be accomplished through research that includes documenting the related workforce, existing training and educational program, and an assessment of needs/gaps. The results of these efforts will help us to understand and grow the workforce needed to progress the mission of Clean Cities. It will also leverage the co-housing of the Northeastern Transportation Workforce Center and the Vermont Clean Cities program at the UVM Transportation Research Center. The synergies between the two projects allow the Northeast Center to create a model easily adapted by the four other Regional Transportation Workforce Centers across the country. The intern will also assist in the development of an on-line biofuels for transportation course and look at the development of a certificate program with a UVM faculty member. The following are the activities they will be completed over their summer internship:

1. Develop a workforce resource guide for Clean Cities Coordinators, fleet managers, and higher education institutions. The guide would include:
 - i. Identification of the workforce and career-paths associated with alternative fuels and advanced technologies
 - ii. Related workforce initiatives by state
 - iii. Workforce education and training programs
2. Catalog innovative educational training programs that exist in the alternative fuel and advanced vehicle technologies field at the continuing education, community college, and university level
3. Explore development of a transportation biofuels online course with UVM faculty
4. Utilize relationships and synergies to expand VTCCC brand and coalition goals
5. The intern will also participate and assist in a variety of the coalition's outreach efforts including:
 1. Social media and website improvements.
 2. Monthly newsletter production.
 3. Recruitment of new fleet stakeholders.
 4. Assisting in fleet manager's outreach.
 5. Assist with planning Clean Cities' outreach events.

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