



UNH Sustainability Institute

Sustainability Fellowship Carbon Footprint Analysis and Communication Amherst, MA

In 2001, the Town of Amherst released a baseline Greenhouse Gas Emission Inventory as part of the Town's involvement in the Cities for Climate Protection campaign overseen by ICLEI – Local Governments for Sustainability. The Town currently finds this inventory to be outdated and believes a new inventory will help identify the sectors where renewed focus and efforts to address emissions must be addressed.

The Community Carbon Footprint Fellow, then, will work with Sustainability Coordinator to develop Amherst's greenhouse gas inventory, providing a vital baseline from which goals can be set and progress can be tracked. Specific tasks will include the following:

- Develop a replicable system for collecting, validating and documenting the necessary input data
- Gather the data, from multiple sources
- Use publically available tools and methodologies to complete the municipal and community-level emissions estimates
- Create an emissions inventory report to support internal planning and external community education and engagement

This project provides an excellent opportunity to gain a real-world understanding of municipal energy management and its associated challenges. It is a chance to make a lasting and direct contribution to sustainability in Amherst—and to gain experience with a professional skill/process (i.e. carbon accounting) that is fundamental for sustainability professionals (across sectors).

Location: Town of Amherst

Time commitment: 40 hours per week, June 5-August 18, 2017

Compensation: \$6000 stipend

Desired Qualifications:

- Experience collecting and analyzing large data sets
- Demonstrated analytical skills
- Organized and systematic
- Excellent analytical and problem-solving skills.
- Extremely strong communication (written, verbal) and interpersonal skills.
- Interest in environmental science and sustainability issues pertaining to local government.
- Demonstrated ability to work independently

UNHSI Sustainability program eligibility:

Graduate students, exceptional undergraduate students, and recent graduates are eligible. We will encourage, but not require, an academic sponsor or reference for each fellow, and where possible we will ask that course credits are awarded.

Supervision, Training, Mentoring and Evaluation

This fellow will receive supervision from Sustainability Coordinator Stephanie Ciccarello, as well as mentoring and extensive professional development offerings from UNHSI.

Fellows will be expected to participate in three MANDATORY events:

- A three-day, two-night orientation in Durham, NH, May 31st- June 2nd. Lodging and food are provided; Fellows are responsible for any associated travel costs.
- Midterm project presentations to UNHSI staff, faculty and relevant project partners (can be done remotely).
- A summative evaluation and feedback session at the end of their placement.

Apply by February 17th at www.sustainableunh.unh.edu/sustainability-fellows