

**Sustainability Fellowship
New England Climate Assessment
Durham, NH**

Climate Solutions New England, an initiative of the UNH Sustainability Institute, is a collaborative effort to secure healthy, prosperous, and sustainable communities through the pursuit of integrated solutions that include building energy self-reliance and weather resilience.

One key aspect of ongoing analysis is updating regional climate impact assessments as new data and information become available. The New England Climate Assessment Fellow will help conduct an updated climate assessment for New England based on analysis of recent meteorological data and recently acquired downscaled global climate model simulations.

The Fellow will:

- Work with Dr. Cameron Wake and others to analyze meteorological data and downscaled global climate model simulations to document past and potential future climate change using a site of 20 to 30 indicators. An example of past efforts can be viewed online at: <http://sustainableunh.unh.edu/csne-climate-assessments-new-england>
- Assist with the development of new graphics that effectively communicate the findings of the assessment for a broad audience
- Help write a UNHSI report to inform planners, government officials, business leaders, the media, and citizens on the impacts of past and future climate change.
- Develop communications pieces based on the report.

This is an opportunity for a highly skilled and motivated student to contribute to a unique and exciting regional climate assessment and communications effort. The Fellow will gain a detailed understanding and expertise regarding climate change and its impact on New England, now and in the future. There will also be opportunities to build relationships with scientists and community leaders from across New England and connect with other members of the Sustainability Fellows alumni network.

Location: Durham, NH

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

Compensation: \$6000 stipend

Desired Qualifications:

- Graduate student or undergraduate (junior or senior) studying a related field (Earth System Science, Natural Resources, etc.)
- Knowledge of climate change and regional impacts essential
- Very strong analytical, verbal, and written communication skills
- Demonstrated ability to work well independently and with a team
- Experience with Microsoft Office applications including Word, Excel, Powerpoint. Working knowledge of Matlab, R or similar analytical software also beneficial

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 Dr. Cameron Wake, as well as mentoring and 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