



The Sustainability
Institute

Sustainability Fellowship Promoting Building Energy Efficiency for the Commercial and Nonprofit Sectors - Louisville, KY

In 2013, “Sustain Louisville,” the city of Louisville, Kentucky’s first sustainability plan, set a goal to reduce per capita energy use citywide 25% by 2025. The Louisville Energy Alliance (LEA), a nonprofit organization that promotes energy efficiency and conservation through ENERGY STAR programs and certifications, is helping the city meet this goal through programs that incent commercial and nonprofit entities to track their electricity and building fuel consumption, perform retrofits and install efficient and/or renewable energy technologies. Through the work of LEA, Louisville was recognized in 2010 as an ENERGY STAR Partner of the Year, and as one of the cities with the most ENERGY STAR Certified buildings in 2013 (#25) and 2014 (#24).

The UNHSI Sustainability Institute Fellow will work with the LEA and Louisville Metro Government’s Office of Sustainability to support continued progress toward the community’s energy efficiency goal. Tasks will include the following:

- Working one-on-one with facility managers, business owners, nonprofit organizations to facilitate energy tracking and reduction
- Plan and hold at least one Portfolio Manager training session, in order to increase the number of Louisville businesses and organizations using Portfolio Manager
- Provide ENERGY STAR certification program guidance to increase the number of ENERGY STAR certified buildings in Louisville
- Assist with planning the LEA’s primary annual education event
- Help the LEA develop a strategic direction for work to continue on after the completion of the summer Fellowship.

The final project deliverable will be a report that identifies leverage points for significantly reducing energy consumption in Louisville’s private and nonprofit sectors. These leverage points should be identified based on research and on knowledge gained through working on the core project over the summer. The final report should include a proposal for a pilot project that will substantially reduce energy use in the targeted sectors.

Location: Louisville Metro Government Office of Sustainability in Louisville, KY

Time commitment: 40 hours per week, June 6-August 19, 2016

Compensation: \$6000 stipend

Desired Qualifications:

- Enrollment in an undergraduate or graduate degree program: ideally in environmental science/studies, energy management, engineering, business, public administration, or a related field
- Experience working in or with the private sector
- Some knowledge of existing federal incentives and programs targeted at energy efficiency
- Knowledge of renewable energy technologies
- Knowledge of energy efficiency technologies and strategies
- Familiarity with Portfolio Manager and the commercial ENERGY STAR Program
- Demonstrated ability to communicate professionally and effectively with the business and nonprofit sectors, including strong public speaking skills
- Experience in marketing
- Proficiency in Microsoft Office products, including Excel and Word

This fellowship is an opportunity for a highly skilled and motivated student to experience working one-on-one with individuals to help them track and reduce energy consumption; plan events at the community level; develop skills for communicating with diverse stakeholders; become familiar with the intricacies of local, state and federal energy regulations; gain invaluable experience balancing competing priorities and navigating constraints; and learn about financing models for energy efficiency and renewables. It is also an opportunity to develop skills and experience in communicating and writing proposals for local government officials, nonprofit boards and community organizations.

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 day-to-day supervision from Andrea Webster and Maria Koetter from the Louisville Office of Sustainability, input from the project Steering Committee, and 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, June 1-3rd. 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 23rd at <https://www.sustainableunh.unh.edu/sustainability-fellows>