

CENTRAL VERMONT COMMUNITY ACTION COUNCIL
INTERN POSITION

Title: Educating Do-It-Yourselfers in safe and economical energy renovations

Date: April 2008

A. General Statement:

The Intern works under the direction of the Program Director. He/she is responsible participating in residential energy audits to gain an appreciation of building science, the complexity of energy retrofits and the risks of faulty renovations. The intern will then work with the director and independently to develop an enterprise plan to deliver both theory and practical training to Do-It-Yourselfers (DIY).

B. Primary Activities:

1. Assist energy auditors with site evaluations and learn to quantify the thermal performance of buildings using blower door analysis, pressure diagnostics, furnace efficiency tests and infrared inspections.
2. Become familiar with energy modeling software and the economics and environmental impacts of reducing energy consumption in residential buildings.
3. Work with renovation crews to a first hand appreciation for the high quantities of human energy required to bring computer simulated energy savings to fruition.
4. Conduct research into market trends related to DIY home renovations.
5. Assess methodologies and curriculum materials available for training DIY homeowners. Identify facility requirements maximize training opportunities.
6. Collect data on current rental opportunities for professional equipment to DIY market. Identify safety, insurance, logistical and maintenance issues associated with providing DIY market with access to specialized equipment needed for proper energy renovations (blower doors, Infrared, dense pack machines, draft gauges).
7. Develop budgets for potential DIY enterprise within EnergySmart.
8. Assemble above into coherent enterprise document and present to senior management and board of parent company.

C. Other Duties:

1. Other duties as assigned.

D. Qualifications:

1. A quick study capable of effectively communicating in diverse settings, both verbally and in writing.
2. Knowledge of strategies for adult education

3. Must work productively in a partnership and independently.
4. Basic computer literacy, fluency with Microsoft Office programs including Power Point, and the ability to learn new software is essential.
5. Must act responsibly and dress appropriately for in-home professional services.
6. The ability to organize time and manage documentation and information.
7. Valid driver's license and reliable vehicle.
8. Capable of physical activity on job sites: lifting (50 lbs.), climbing through small openings (18" x 18") and crawling long distances (50 feet or more) in confined spaces.