

**Weatherization Technical Trainer  
Indoor Climate Research and Training  
Applied Research Institute  
University of Illinois at Urbana-Champaign**

The Applied Research Institute (ARI) at the University of Illinois at Urbana-Champaign is seeking applicants for Weatherization Technical Trainer who will provide Illinois Home Weatherization Assistance Program (IHWAP) and energy-related instruction in both the classroom and the field as a member of the Indoor Climate Research and Training (ICRT) team.

ICRT is focused on using sound principles of building science to advance the performance of homes by developing and disseminating knowledge and best practice through education, training, and research. ICRT conducts basic research at the intersection of energy efficiency and indoor air quality (IAQ). ICRT maintains a state-of-the-art training center and administers the training program for the IHWAP, which provides weatherization services to low-income Illinois residents and households. Research projects include studies on radon, ventilation, combustion safety, and the health consequences related to IAQ.

ICRT partners with other academic institutions, research and advocacy groups, and government agencies to execute research and translate those results and feedback from the field into actionable practices and policies. ICRT staff are involved in setting national policy and standards for residential building energy efficiency and indoor air quality, through membership on committees and advisory boards. More information about ICRT is available here: <https://icrt.appliedresearch.illinois.edu/>

The University of Illinois is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply. For more information, visit <http://go.illinois.edu/EEO>.

Duties and responsibilities of the position include:

- Provide instruction to weatherization students in the classroom and in the field using innovative, effective, and measurable methodologies, and instruct agency and the Office of Energy Assistance (OEA) staff in field settings using specialized diagnostic equipment. This equipment can weigh up to 50 pounds and must be lifted and carried. Engage students in problem solving and critical thinking to make subject matter meaningful, responding appropriately to evaluations and feedback for improvement purposes.
- Occasional travel to various in-state locations to conduct trainings and attend conferences or workshops which includes occasional overnight trips. Position also requires occasional non-standard hours of work due to the above mentioned activities and travel requirements.
- Assist with curriculum development based on ICRT needs including developing, revising and evaluating ICRT curriculum materials/training modules/exercises including exploring new training methodologies to incorporate into existing instructional programs. Employ subject matter expertise to present instructional content in an effective and articulate manner while recognizing and responding in a flexible and professional approach to the needs expressed by students.
- Use and further develop practical weatherization and energy-related knowledge and skills for instructional use.
- Gain and maintain certifications for use as an instructor and proctor.
- Attend and present at practitioner conferences.

- Proctor online and field certification tests.
- Assume additional appropriate instruction related duties as assigned to further the mission of the institute.

#### Minimum Qualifications:

- Bachelor's degree
- Three or more years of professional experience in the building trades, building performance, or energy-related field
- Experience delivering presentations, training, or providing instruction to others
- Experience working as part of a team
- Practical and relevant knowledge and skills in the building trades, building performance, or energy-related field
- Critical thinking skills
- Ability to communicate effectively with supervisors, students, and peers; strong interpersonal skills
- Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar
- Must possess the ability to:
  - Recognize unrealistic diagnostic test results and follow-up appropriately
  - Clearly and accurately relay information in a manner which is appropriate to the audience
  - Train others
  - Build positive and effective relationships with a variety of individuals
  - Employ practical and relevant techniques to solve unique problems, especially in the field
  - Learn quickly, self-start and self-manage

#### Preferred Qualifications

- Bachelor's degree with a major or minor in building sciences, e.g. engineering, construction management, building construction, etc.

#### Environmental Demands

- Must be able to lift and carry up to 50 pounds, and work in small and uncomfortable places such as attics and crawl spaces

This is a full-time, benefits-eligible academic professional position appointed on a 12-month service basis. The expected start date is as soon as possible. Salary is commensurate with experience and qualifications. To apply, please complete a candidate profile at <http://jobs.illinois.edu> and upload the following as a single file: a cover letter, resume, and the names and contact information for three professional references. To ensure full consideration, all requested information must be submitted by April 12, 2019. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date.

For further information regarding application procedures, contact Summer Redman at [sredman@illinois.edu](mailto:sredman@illinois.edu) or 217-300-5400.

*The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.*