



SCHOOL OF
**MECHANICAL AND
AEROSPACE ENGINEERING**
College of Engineering, Architecture and Technology

Graduate Research Assistantship at Building HVAC Systems**Fall 2026**

The [Building & Environmental Thermal Systems](#) research group (BETRSG) and [Center for Integrated Building Systems \(CIBS\)](#) in the department of Mechanical and Aerospace Engineering at Oklahoma State University is looking for motivated PhD students to join our team for research in the field of building science and technology.

Qualified candidates are expected to have a background in building thermal systems and interest in modeling and experiments. Preference will be given to candidates with experience in:

- **Heat Pumps and Refrigeration**
- **HVAC System Simulation and Controls**
- **Building Energy Simulation**

Preferred Qualifications

Applicants should have:

- Strong academic records with a degree in Mechanical, Architectural, Electrical Engineering or related fields
- Strong background in Thermo-Fluid Science, HVAC systems, Refrigeration, Building and Community Energy Systems, Controls and Data-Driven modeling
- Research experience with peer-reviewed publications
- Computer programming experience (Python, MATLAB, C/C++, ...)
- Experience with building energy simulation (EnergyPlus, Modelica, TRNSYS, ...)
- Experience with Laboratory Experiments, instrumentations, controls, data acquisition
- Good English verbal and written communication skills
- Self-motivation, ability to work both independently and as part of a collaborative team environment

Contact Information

Interested applicants are encouraged to reach out to Dr. Ardeshir Moftakhari (ardeshir@okstate.edu) with CV and full transcripts ahead of application for Fall 2026.

For full application requirement, see <https://ceat.okstate.edu/mae/students/graduate.html> & <https://gradcollege.okstate.edu/application-process/>

More information for applicants is available at the [university](#) and [personal](#) webpages.