

Project Supervisors:

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Project Name: Measuring inter-zonal airflow rates in new multi-unit residential buildings

Project Description:

This study aims to quantify typical levels of inter-zonal air flows in multi-unit residential buildings, to establish achievable levels of inter-zonal air-tightness that can be incorporated into standards and guidelines for new construction. The data will also be used to assess the efficacy of different air sealing techniques and measures. Air tightness will be measured using the sequential blower-door air infiltration test method. Students will work closely with the PhD candidate, helping with air tightness measurements in the field, as well as data analysis.

****Open to MEC****