



Building Environmental Researcher

We're retrofitting multi-residential buildings to improve energy efficiency and indoor environmental quality.

The Atmospheric Fund (TAF) invests in urban solutions to reduce greenhouse gas emissions and air pollution in the Greater Toronto and Hamilton Area (GTHA). As part of this work, the TowerWise Program at TAF focuses on improving the energy performance of buildings and reducing greenhouse gas emissions as well as investigating indoor environmental quality (IEQ) improvements related to deep energy retrofits. We are looking for a motivated individual with previous experience in the building energy and IEQ fields to support the execution of this research.

Working at TAF

Talk to our staff and they will tell you that working at TAF comes with amazing advantages. We're on the leading-edge of urban climate change solutions and our work makes a tangible difference. We build meaningful relationships with all kinds of stakeholders – from world-class thought leaders to the people who implement change on the ground. Our strong, dedicated team fosters healthy collaboration and learning. And as part of a small organization, we each see the value and impact of our work.

Position Responsibilities

This is a full-time, one-year contract position with the possibility for extension. The yearly salary is \$36,700.

At TAF, you will be under the supervision of the Building Research Manager. You will be responsible for the following key activities:

- Investigating energy and IEQ monitoring strategies, technologies, and equipment.
- Assisting team members with implementing energy and/or IEQ monitoring programs. This work will involve site visits to various multi-residential buildings.
- Analyzing energy and IEQ data required to answer key building retrofit design and research questions.
- Summarizing energy and IEQ data and assisting with writing technical reports and case studies.
- Conducting literature and best practice review of energy and IEQ published studies, guidelines, and protocols.
- Assisting team members with coordination between equipment manufacturers, service providers, and building site staff as needed.



Do you have this background?

- Completed an undergraduate degree in engineering or applied science.
- Research experience in the areas of building energy efficiency and/or indoor environmental quality.
- Strong technical and analytical experience with various building parameters and large data sets.
- Strong technical written and verbal communication skills.
- A valid Ontario driver's licence is preferred (note car ownership is not necessary).
- Meet the eligibility requirements of the CIGan Clean Tech Internship (please visit <https://cleantech.collegesinstitutes.ca/interns/>).

We Welcome Your Application

To apply please send your **cover letter, CV**, and a **sample of your writing** to Jaime Klein at jklein@taf.ca by 5:00PM on Friday May 26th, 2017. The writing sample can take any form. Please note that only those selected for an interview will be contacted. We thank everyone who applies.

About TAF

Our Mission

TAF invests in urban solutions to reduce greenhouse gas emissions and air pollution. We achieve our mission by:

- **Listening** to local communities and offering support through our community grants program;
- **Collaborating** with a broad range of stakeholders to realize common goals, understanding that clean air and greenhouse gas reduction benefits our health, our economy and the sustainability of our city; and
- **Financing** entrepreneurs whose product or service can significantly reduce emissions in Toronto, and developers and property owners who are making their buildings more energy efficient.



Our Vision

Our ultimate goal – reducing Toronto’s GHG emissions by 80% by 2050 – informs all our actions. This target isn’t simply another milestone. It’s our vision for a climate-smart city that functions within its environmental means and is a leader on the global municipal stage.

Achieving the ambitious 2050 target of lowering emissions by 80% will benefit everyone. We can realize a livable, prosperous city that embraces the green economy; a city where people spend less time commuting, less money on energy costs, and breathe cleaner air.

Our Track Record

Since 1991, TAF has worked with hundreds of community collaborators, and invested more than \$60 million, helping the City of Toronto save more than \$55 million on its energy bills while reducing greenhouse gas emissions by 25% below 1990 levels – exceeding the 2012 Kyoto target. Some of TAF’s multi-year projects include TowerWise Retrofit Project, Pumping Energy Savings, Building Value, LightSavers, Solar neighbourhoods, and Transform TO. For more information about TAF’s projects and partners, visit taf.ca