**Department of Chemistry**

**On-Campus**

**Undergraduate Research Assistant**

**Spring/Summer 2025**

**Start: May 1, 2025**

**End: Aug 29, 2025**

**Job Category: Research**

**City: London**

**Province: Ontario**

**Country: Canada**

**Number of Positions: 1**

**Salary Range: $16,000/4 mo**

**Job Summary:**

We are seeking a motivated and detail-oriented Undergraduate Research Assistant to join our dynamic research team within the Department of Chemistry. This position offers the opportunity to work in a collaborative laboratory environment where you will support ongoing research projects and gain hands-on experience in synthetic inorganic chemistry and related areas. The successful candidate will receive comprehensive training in standard laboratory protocols and instrumentation and will be expected to contribute to the responsible handling, analysis, and documentation of experimental data.

**Key Responsibilities:**

* **Laboratory Support:** Assist in planning and executing laboratory experiments following established protocols and safety guidelines.
* **Training & Skill Development:** Participate in mandated university training and supervisor-led sessions, including but not limited to, Schlenk line operation, gas cylinder and cryogenic handling, and the use of instrumentation such as NMR, TGA, and DSC.
* **Data Collection & Analysis:** Collect, process, and analyze experimental data accurately, maintain detailed lab notebook records, and ensure data is organized and shared appropriately with the research team.
* **Equipment & Inventory Management:** Calibrate and maintain laboratory equipment; manage chemical inventories and prepare necessary materials for experiments.
* **Collaboration & Communication:** Respect lab personnel and share resources responsibly, respond promptly to electronic communications during working hours, and participate in scheduled meetings to present progress and findings.

**Qualifications:**

* Currently enrolled in or a recent graduate with a Bachelor’s degree in Chemistry, Inorganic Chemistry, or a related scientific discipline.
* Previous laboratory experience is preferred, with an emphasis on synthetic techniques and instrumentation.
* Strong analytical skills, attention to detail, and the ability to follow complex protocols independently and collaboratively.
* Excellent organizational, written, and verbal communication skills.
* A proactive approach to learning and a commitment to maintaining a safe and efficient laboratory environment.

**Work Environment & Expectations:**

* The role involves hands-on work in a wet lab and requires adherence to strict health and safety protocols.
* The student must complete all required training prior to beginning work in the laboratory.
* Flexibility is required, including the possibility of preparing for scheduled work in advance, while respecting general working hours and weekends.
* Regular, albeit infrequent, formal meetings will be held during working hours to review progress and discuss results.

**Application Process:**

Interested candidates should submit a resume and cover letter outlining their relevant experience and interest in the position. This is an excellent opportunity to advance your research skills and contribute to innovative scientific investigations in a supportive and dynamic environment.

We look forward to your application and the possibility of welcoming you to our research team.