

Quantiam Technologies Inc. is an innovative, expanding company, offering new opportunities to motivated, hard-working and energetic employees with a great attitude and a strong work ethic.

Position Title: Research Professional I or II, R&D – CONTRACT Position 6 months; progression to Permanent Salary upon Success

Competition #: 7000-17

Compensation Range: **\$29.00 to \$40.00/hr, depending on experience**

[Future Permanent Salary role has: base compensation of \$62,000 - \$83,200/per annum; 0-to-24% Performance Bonus; 40-hour work week; highly comprehensive competitive benefits package, Group RRSP with matching Deferred Profit-Sharing Plan (DPSP)]

Experience: 2 to 5 years related hands-on experience

Closing Deadline: Until Filled

Education: University Bachelor or Masters Degree in Chemical Engineering, Engineering Physics, Chemistry

Experience/Specific Skills/Background Required:

- Experience with chemical process design and scale-up.
- Strong hands-on experimental skills including experience in heterogeneous catalyst development and reactor operation.
- Ability to setup and program digital sensors, flow controllers.
- Positive ‘can-do’ attitude. Able to accommodate multiple tasks, changing priorities and advance projects under accelerated timetables.
- Good mechanical aptitude to operate and troubleshoot research equipment and instrumentation.
- Strong willingness to learn and train in an advanced materials environment with extensive use of chemicals, materials and technical equipment.
- Attention to detail and a flexible approach to work responsibilities.
- Well-developed interpersonal skills, strong written and verbal communication skills, fluent in English.
- Must demonstrate an understanding of and adherence to written and verbal instructions concerning general procedures. Good analytical and reporting skills.
- Self-starter, highly motivated and able to work efficiently independently as well as in a team environment.
- Must adhere to the highest standards of quality, reliability, and safety including using and wearing protective personal equipment appropriately.
- Strong work ethic with demonstrated accountability and reliable work attendance.
- Knowledge of ASPEN software would be an asset.
- Experience with interfacing sensors via RS232/485, Modbus i2c or PLC protocols an asset.
- Knowledge of Matlab, LabVIEW, Python, or similar an asset.

Brief Job Description:

Responsibilities (with training) include assisting in the following as required:

- Chemical process design for scale-up of a novel catalytic process from lab scale to pilot scale and beyond.
- Operation of reactors for screening of heterogeneous catalyst materials and coatings.
- Operation of lab scale reactor and characterization equipment.
- Setup and control (fluid management, temperature control) of pilot electrochemical reactors.

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

Please forward your resume with cover letter in one-word document or PDF format including competition number by closing date to:

Human Resources
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