

Quantiam Technologies Inc. operates in “TOUGH TECH” solving some of the world’s greatest materials-related challenges. It undertakes Research and Commercialization of disruptive new products in the fields of Advanced Materials, Advanced Manufacturing, Coatings, Surfaces and Catalysis serving the Petrochemical-Chemical, Energy and CleanTech sectors. We are looking for a motivated, hard-working and energetic employee with a great attitude and a strong work ethic to join our team.

- Position Title:** **Research Professional II / Sr. Research Technologist – Analytical & Technical Service (A&TS)** - potential to advance to Manager, A&TS
- Competition#** 7000-19
- Compensation Range:** **\$60,000 – \$80,000/year** (*depending on position and experience*); with a 0-to-24% Performance Bonus; 40-hour work week; highly comprehensive competitive Benefits package; Group RRSP with matching Deferred Profit-Sharing Plan (DPSP)
- Experience:** 3 – 10 years direct hands-on industrial experience.
- Closing Deadline:** Until filled
- Education:** University Bachelor or Masters Degree in Geology, Chemistry, Materials Science or Engineering Physics.

Experience/Specific Skills/Background Required:

- High level of proficiency and excellent mechanical aptitude to operate complex research equipment and demonstrated technical knowledge and ability to work with materials, chemicals and instrumentation.
- Must have strong analytical and reporting skills.
- Experience and operation with Electron Microscopy and related Energy Dispersive Spectroscopy. High proficiency with X-ray diffraction techniques, particularly powder X-ray diffraction and qualitative phase analysis.
- Adhere to the highest standards of quality, reliability and safety. Proper use of protective personal equipment, chemical safety and laboratory skills appropriate for an electron microscopy with sample preparation facilities.
- Strong computer skills; programming skills would be a good asset.
- Well-developed interpersonal skills to collaborate with co-workers and must have strong understanding of and adherence to written and verbal instructions concerning general procedures. Fluent in English. Experience with writing Standard Operating procedures (SOPs).
- Self-starter, highly motivated and able to work efficiently and independently as well as in a team environment.
- Strong attention to detail and a flexible approach to work responsibilities.
- Must have a positive ‘**can-do**’ attitude.
- Able to prioritize, accommodate multiple tasks, changing priorities and advance projects under accelerated timetables.
- Strong work ethic with demonstrated accountability and reliable punctuality and work attendance.

Brief Job Description:

Responsibilities (with training) include assisting in the following:

- XRD, SEM/EDS, XPS, AES/SAM/SIMS, TGA/DSC, GC and particle size analyzers.
- Acquire high quality data from characterization of various industrial and research chemicals and materials.
- Analyze data and create detailed reports.
- Co-ordinate/manage an Analytical and Technical Services function to support internal Research & Technology projects.

The position will involve a *minimum 1-year training period* supporting Analytical & Technical Services, Research & Development and Trial Manufacturing.

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

Please forward your resume and cover letter in one word or PDF document including competition number to careers@quantiam.com