



## **Clinical Operations Research Intern**

### **- Leading the Next Frontier of Gut Health**

#### **ABOUT US**

Nimble Science is working with partners around the world to advance next generation microbiome-based diagnostics and therapeutics. We achieve this by leveraging our first-in-kind capsule-based sampling technology to perform liquid biopsies directly from the small intestine. This presents a technical role that offers a tremendous opportunity for a Microbiology, Molecular Biology, or Biochemistry **co-op student** to gain critical skills, wet lab experience and practice in the design and clinical testing of medical devices and learn all about the exciting new world of the gut microbiome.

#### **JOB DESCRIPTION**

The Clinical Operations Research Intern assists in the day-to-day roles involved in Nimble's Clinical Operations and Research & Development teams, and contributes to innovating novel diagnostic solutions and building a powerful multi-omics database. It is a hands-on position that will report to the Clinical Operations Manager. You are a passionate and dynamic learner with an entrepreneurial spirit ready to dedicate yourself to taking Nimble Science and the human microbiome field to the next level.

#### **RESPONSIBILITIES**

- Perform hands on clinical sample processing.
- Support the invention and validation of new lab methods to handle novel types of biological specimens from our capsule-based sampling technology.
- Support the development of new sample processing and extraction protocols for multi-omics analyses of a variety of clinical samples (e.g. SI fluid, feces, saliva).
- Learn and perfect techniques in molecular biology and microbiology including sample processing, DNA/protein/metabolite extractions, (q)PCR, NGS sequencing, metabolomics, proteomics and bacterial culturing.
- Support R&D projects, including protocol design, data analysis and reporting for scientific presentations and manuscripts.
- Receive and track lab inventory. Maintain a detailed sample inventory.
- Maintain integrity of the clinical datasets and the statistics for the studies
- Tracking device performance statistics and summarizing data sets.
- Support the development of a system to achieve lab accreditation to a diagnostic standard.
- Document and manage workflow to maintain data integrity, and ensure timely and effective actions are taken.
- Perform literature reviews, data analyses and report drafting.
- Work within a regulated environment, supporting the Quality Assurance Manager including reporting of non-conformance events, auditing and SOP development.

#### **WHAT WE OFFER**

- Opportunity for professional growth.
- Applied experience in microbiology lab research and clinical study conduct.
- Independent flexible work environment.
- A formidable challenge.
- An opportunity to experience the inner workings of a high growth Start-Up.



## **Clinical Operations Research Intern**

### **- Leading the Next Frontier of Gut Health**

#### **WHO YOU ARE**

You are currently enrolled in a Bachelor/Undergraduate program in Microbiology, Molecular Biology, Biochemistry, or a related field at a Canadian post-secondary Institution. **You are expected to be enrolled beyond the 2024-2025 term.**

- You are interested in committing to a 16-month co-op term.
- You have experience with common microbiology lab techniques, e.g., media preparation, microbial cultivation and enumeration, DNA extraction, PCR, and/or qPCR
- You are interested in using these techniques to analyze novel samples collected by the SIMBA capsule.
- You have demonstrated excellent aseptic processing and sterile techniques.
- You have a strong interest in learning and further developing your wet lab skills.
- You work diligently and are committed to producing high quality work.
- You have exemplary organizational and project management skills.
- You have superior written communication skills, and can produce detailed and informative reports.
- You are a self-starter and can work independently under minimal supervision.
- You are adaptable and interested in helping build Nimble Science.
- You take things as they come and are interested in helping to build and form a company.
- Passionate about engaging in cutting-edge research and working in a collaborative team.
- You have always dreamed of this opportunity, and it is finally here.

**You are a learner, a team player, an innovator and a problem solver.**

#### **POSITION DETAILS**

- Full-time Co-Op Position with a 16-month contract (May 1<sup>st</sup>, 2025 to Aug 31<sup>st</sup>, 2026)
- This position is funded by Jobs Grant which restricts eligibility to only Canadian citizens, permanent residents, or persons to whom refugee protection have been conferred under the Immigration and Refugee Protection Act at the time of hire.
- Onsite in Calgary, AB during regular business hours (remote work is not possible)

**Application Deadline: January 31, 2025**

**Application Process** To apply, please send your cover letter expressing your interest and how your previous experience can contribute to the needed skills, along with your resume in **a single pdf titled "Full Name – Clinical Operations Intern"**, to [careers@nimblesci.com](mailto:careers@nimblesci.com) with 'Clinical Operations Intern' in the subject line.

If you have any further questions or need additional information, please don't hesitate to ask.

We thank all candidates' applications interest. Please note that only those candidates under consideration will be contacted.



## **Clinical Operations Research Intern**

### **- Leading the Next Frontier of Gut Health**

Nimble Science is committed to Employment Equity and Diversity. We do not discriminate against any employee or applicant for employment because of national origin, race, religion, ethnic group, age, disability, gender, sexual preference, sexual or gender identity, status as a veteran or any other federal, provincial, or local protected class.

We welcome and encourage applications from people with disabilities. Accommodation is available on request from candidates taking part in all aspects of the selection process.

Nimble Science is committed to providing a safe and healthy working environment for our team members, customers, clients, contractors, business partners, guests, and members of the public with whom we regularly interact.

