



## THRiVE Discovery Lab Research Associate

Beginning September 26, 2022 (or as soon as possible thereafter)

Permanent Full-Time Continuing **\*Remote Work is Possible\***

Salary Range: \$50,000-\$70,000 plus benefits

Contact: Natalie Rodriguez [Natalie.Rodriguez@umanitoba.ca](mailto:Natalie.Rodriguez@umanitoba.ca)

The THRiVE Discovery Lab ([www.thrivediscovery.ca](http://www.thrivediscovery.ca)), co-Directed by Dr. Meghan Azad and Natalie Rodriguez, is situated at the [University of Manitoba](http://www.umanitoba.ca) and [Children's Hospital Research Institute of Manitoba](http://www.chrim.org) (CHRIM). Azad and Rodriguez also co-Direct the [Manitoba Interdisciplinary Lactation Centre](http://www.milc.ca) (MILC), and Dr. Azad is Deputy Director of the national [CHILD Cohort Study](http://www.childcohortstudy.ca).

Our team studies how early-life exposures and experiences shape lifelong health, focusing on infant feeding practices, human milk composition and the infant microbiome. We apply this research in various contexts and geographic settings to understand the development and prevention of asthma, allergies, obesity, malnutrition and growth stunting. Our team is transdisciplinary, combining expertise in molecular biology, epidemiology, statistics, bioinformatics, nutrition, health equity and maternal-child health.

We are seeking a **full-time Research Associate** to join our team. The successful candidate will have a **PhD** in one of the following areas: epidemiology, biostatistics, microbiome, nutrition, immunology, pediatrics. They will develop and lead projects, collaborate with internal and external partners, analyze and interpret data, disseminate scientific findings to stakeholders and collaborators, and help mentor junior lab members. An equivalent of education and substantial research experience will be considered. Training and career development opportunities will be provided.

### Essential Qualities & Skills

- Enthusiasm for research, discovery, and creative/effective data visualization
- Excellent communication skills (both written and oral)
- Attention to detail
- Ability to manage projects and motivate a team
- Open-mindedness (both scientifically and culturally)

### Required Experience

- Performing literature reviews
- Writing and submitting ethics applications, manuscripts, grants, and research proposals
- Statistical analysis of research data
- Managing projects (setting objectives, milestones, monitoring progress)
- Mentoring trainees on all aspects of research related work (e.g. developing research questions, setting objectives, troubleshooting, editing work, monitoring progress)

### Required Proficiency

- Microsoft Word (formatting professional documents)
- Microsoft PowerPoint (making presentations and research posters)
- Microsoft Excel (manipulating data, using formulas, making graphs)
- File sharing (e.g. OneDrive, Google Drive)
- Reference management software (e.g. EndNote, Mendeley, Paperpile)
- Strong proficiency in R (and/or Python)

## Required Qualifications

- PhD in a relevant discipline (e.g. epidemiology, biostatistics, microbiome, nutrition, immunology, pediatrics or a related field)
- Strong data visualization skills
- Ability to handle a variety of tasks, effectively solve problems with numerous and complex variables, and shift priorities rapidly
- Experience in developing and writing scholarship applications and research grants
- Demonstrated success in working on complex, novel research problems
- Ability to work independently and prioritize effectively to meet deadlines
- Detail oriented with critical thinking, meticulous organization and record keeping skills

## Desirable Qualifications

- Proficiency in REDCAP, SAS, Python, Excel, and PowerPoint
- Strong proficiency in R (and/or Python), including multi-omics data quality assessments, analysis, and visualization
- Photoshop or other graphical software
- Creating/managing budgets
- Creating videos
- Creating/managing websites, social media
- Background in maternal-child health research
- Familiarity with laboratory analysis of biological samples to generate 'omics data
- Expertise in longitudinal data analysis

## University of Manitoba, Rady Faculty of Health Sciences, Diversity & Inclusion

The University of Manitoba is committed to the principles of equity, diversity & inclusion and to promoting opportunities in hiring, promotion and tenure (where applicable) for systemically marginalized groups who have been excluded from full participation at the University and the larger community including Indigenous Peoples, women, racialized persons, persons with disabilities and those who identify as 2SLGBTQIA+ (Two Spirit, lesbian, gay, bisexual, trans, questioning, intersex, asexual and other diverse sexual identities). All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. If you require accommodation supports during the recruitment process, please call 204-474-7195 or email [UM.Accommodation@umanitoba.ca](mailto:UM.Accommodation@umanitoba.ca). Please note this contact information is for accommodation reasons only.

An inclusive, open, and diverse community is essential to excellence and fosters voices that have been ignored or discouraged. To address the Rady Faculty of Health Sciences commitment to equity, diversity, and inclusion, and in recognition of the underrepresentation of members of historically and currently excluded groups, we take proactive measures including implicit bias training for all hiring panels. We strive for diversity and cultural safety throughout the hiring process (hiring panels, short-list of candidates, interviews). We encourage you to self-identify any aspect of diversity in your cover letter.

## How to Apply

Interested applicants may email their cover letter and CV to [Natalie.Rodriguez@umanitoba.ca](mailto:Natalie.Rodriguez@umanitoba.ca). Review of applications will commence August 31, 2022 and will continue until the position is filled. Application materials, including letters of reference, will be handled in accordance with the protection of privacy provision of *The Freedom of Information and Protection of Privacy Act* (Manitoba). Please note that curriculum vitae may be provided to participating members of the search process.