

JOB PROFILE

Position Title:	Research Assistant
Reports to:	Research Director
Department:	Research and Development
Location:	60 Wingold Ave, Toronto, ON, M6B 1P5 Canada

ROLE DETAILS

Please provide definitions for all acronyms.

Role Summary	Reporting to the Research Director, the Research Assistant will work with our research team in the exploration and development of new and existing medical devices and clinical applications. This position is responsible for providing support and assisting with research activities including data collection and analysis. The primary research focus is on the study of respiratory physiology and human brain function explored using MRI, both in normal and in the presence of disease.
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Role Responsibilities	<ul style="list-style-type: none"> • Performing literature reviews. • Assisting with project and protocol design. • Assisting with participant recruitment and informed consent activities. • Assisting with the collection and management of subject data collection in an MRI environment. • Analysis of quantitative MRI data. • Assisting with database maintenance. • Assisting with preparation of written materials: focus group/interview guides, research ethics board applications, consent forms, manuscripts, research reports, poster, and presentation submissions. • Engaging with the lead investigators, research team, and clinical providers throughout the research process. • Assist with clinical data evaluation for regulatory applications (FDA/HC/CE) • Other tasks/ duties as required.
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Qualifications & Experience	Education	<ul style="list-style-type: none"> • Completion of a BSc. in Neuroscience Biophysics or Health Sciences related discipline (MSc. preferred).
	Work Experience	<ul style="list-style-type: none"> • 3 years of relevant research or clinical work experience in an MRI environment OR a MSc. • Experience with applying a client-centered approach to interacting and working with patient populations. • Experience in quantitative research, including conducting basic MRI data analyses using common

		<p>imaging processing software such as AFNI, FSL and/or MATLAB.</p> <ul style="list-style-type: none"> • Experience with program evaluation and data management are assets. • Experience using research databases and reference management software is considered an asset.
	Competencies & Skills	<ul style="list-style-type: none"> • Detail oriented and accurate • Dependable with a strong work ethic • Ability to work independently and capable of multi-tasking. • Exceptional interpersonal and communication skills • Excellent problem-solving and organizational skills • Strong computer skills and working knowledge of Microsoft Office applications

Thornhill Medical welcomes and encourages applications from people with disabilities. Accommodation is available on request for candidates taking part in all aspects of the selection process.

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