

# **Careers in Health Services Reference Guide**



Department of  
Health and Community Services

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## **DISCLAIMER**

The Careers in Health Services Reference Guide provides users with access to information on careers in the health field. This information is provided for informational purposes only and is not meant to substitute information contained in the academic calendars of those institutions that offer the health education programs listed in the guide. Users of this guide who are interested in pursuing a health education program are strongly advised to contact the institutions that offer the program to confirm entry requirements, program details and graduation requirements.

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## Overview:

Your interest in a health career is welcomed and encouraged. Seeking career information is the first step to a successful and fulfilling career choice.

This reference guide provides basic information on careers in the health field. The careers included in this reference guide certainly do **not** represent all careers in the health field, as increased knowledge, expanding services, and new technology create a constant demand for people with various skills and expertise.

You are encouraged to contact the addresses we have included for further information. In addition, you are encouraged to refer to other career publications in determining career choices for your future. Above all, when you are choosing a career, consider your own personal qualities, and your willingness to undergo further training.

While every effort has been made to ensure the accuracy of the information in this reference guide, program applicants are strongly advised to contact the registrar's office of institutions that offer these programs to confirm entry requirements, program details and graduation requirements. Salaries have not been included because these change constantly; however, up-to-date information is available on request from the Department of Health and Community Services.

Some careers in this reference guide require licensure and/or registration before practicing. It is important to note the difference between a provincial licensing / regulatory board and a provincial association:

- A licensing or regulatory board is a health profession governing body that promotes and protects the health of citizens through establishing requirements to enter the health profession; issuing licenses; establishing and enforcing standards of practice; regulating practice and continuing competence of professionals; and, disciplining individuals who fail to follow the law and rules regulating health practices.
- A professional association is a membership organization that promotes and advocates the practice of health professionals, and lobbies government on decisions affecting professionals and their contribution to the health system.
- While both the Association of Registered Nurses of Newfoundland and Labrador and the Newfoundland and Labrador Association of Social Workers retain the word "association" in their titles, the legislation creating both entities is clear that the function of the organizations is public protection. Both organizations are health profession licensing or regulatory bodies; the advocacy body for these professions is the union.

For those careers that require licensure before practicing, program applicants and students enrolled in these programs are strongly advised to contact the provincial or territorial licensing board where they wish to practice to confirm licensure requirements in that province or territory.

For students in Grades 10-12, the MedQuest summer program is available that introduces students to the world of health sciences. Rewarding careers such as doctors, nurses, pharmacists, dentists, physiotherapists and researchers are explored through experiments, guest speakers, demonstrations,

role playing, and job shadowing. For more information, please contact: Student Affairs, Memorial University Faculty of Medicine at 709-777-6690 or online at [www.med.mun.ca/medquest](http://www.med.mun.ca/medquest).

***DENTAL SERVICES***

# Dentist

## Description of Work

Dentists assist people in obtaining and maintaining oral health. This is done by diagnosing and treating dental caries, gum disease and other oral diseases, with the emphasis on preservation of teeth for aesthetic and functional purposes, and the prevention of problems through health education. Dentists treat diseases of the teeth through restoration of caries, crown and bridge work; prophylaxis and periodontal surgery; root canal therapy; and, extraction and replacement of missing teeth. S/he may enter private practice, obtain a salaried position in a hospital, work in public health research, or teach in a dental training faculty. Some dentists obtain additional professional training to practice in specialty fields such as endodontics, general oral surgery, pediatric dentistry, periodontics, prosthodontics and public health dentistry. Most dentists enter private practice, but some opportunities do exist for salaried positions within health organizations.

## Educational Requirements

There are 10 Dental Schools in Canada:

Dalhousie University, Nova Scotia	University of Western Ontario, Ontario
Université Laval, Québec	University of Manitoba, Manitoba
Université de Montréal, Québec	University of Saskatchewan, Saskatchewan
McGill University, Québec	University of Alberta, Alberta
University of Toronto, Ontario	University of British Columbia, British Columbia

Newfoundland and Labrador does not have a school of Dentistry. Several Canadian universities offer the doctorate program in Dentistry, with Dalhousie University in Halifax being the closest. Students must successfully complete the academic high-school program and a minimum of two years university, taking specified subjects providing a background in the basic sciences. Most successful applicants to the program, however, have an undergraduate degree. For information on admission to dentistry programs, consult the academic calendar for the respective schools. Some programs, such as Dalhousie University's Doctor of Dental Surgery program, require applicants to take Dental Aptitude Tests. Individuals must successfully complete the three-part examination administered by the National Dental Examining Board of Canada (NDEB).

## Other Requirements

Dentists must be registered with the Newfoundland and Labrador Dental Board in order to practice in Newfoundland and Labrador.

## For Further Information, Contact:

*Closest training program to NL:*

Faculty of Dentistry, Dalhousie University  
5981 University Avenue, PO Box 15000  
Halifax, NS B3H 4R2  
Tel: (902) 494-2824 Fax: (902) 494-2527  
Email: [denadmis@dal.ca](mailto:denadmis@dal.ca)  
Website: [www.dentistry.dal.ca](http://www.dentistry.dal.ca)



National Dental Examining Board of Canada  
2<sup>nd</sup> Floor, 80 Elgin Street  
Ottawa, ON K1P 6R2  
Tel: (613) 236-5912 Fax: (613) 236-8386  
Email: [director@ndeb.ca](mailto:director@ndeb.ca)  
Website: [www.ndeb.ca](http://www.ndeb.ca)

Newfoundland and Labrador Dental Board  
Suite 204, 49-55 Elizabeth Avenue  
St. John's, NL A1A 1W9  
Tel: (709) 579-2391 Fax: (709) 579-2392  
Email: [nldb@nf.aibn.com](mailto:nldb@nf.aibn.com)  
Website: [www.nldb.ca](http://www.nldb.ca)

Newfoundland and Labrador Dental Association  
Suite 102, 1 Centennial Street  
Mount Pearl, NL A1N 0C9  
Tel: (709) 579-2362 Fax: (709) 579-1250  
Email: [nfdental@nfld.net](mailto:nfdental@nfld.net)  
Website: [www.nlda.ca](http://www.nlda.ca)

Canadian Dental Association  
1815 Alta Vista Drive  
Ottawa, ON K1G 3Y6  
Tel: (613) 523-1770  
Email: [reception@cda-adc.ca](mailto:reception@cda-adc.ca)  
Website: [www.cda-adc.ca](http://www.cda-adc.ca)

# Dental Assistant

## Description of Work

Dental assistants prepare patients for dental treatment and sterilize, arrange and transfer instruments and materials to the dentist, when required. Dental assistants may also process x-rays, prepare filling materials, and be responsible for the care of equipment. They may assume administrative responsibilities and be responsible for dental health education. Dental assistants can expect to be employed in private offices, health organizations, and in provincial dental departments.

## Educational Requirements

Keyin College is the only college in Newfoundland and Labrador that offers a Dental Assisting I and II program, which includes a 12-week practicum. For information regarding the admission requirements to this program, contact Keyin College. Graduates are eligible to write the National Dental Assisting Examining Board examinations by applying to the Board.

## Other Requirements

Upon completion of a Dental Assisting program and successful completion of the National Dental Assisting Examining Board examinations, graduates must apply for licensure with the Newfoundland and Labrador Dental Board.

## For Further Information, Contact:

Keyin College  
44 Austin Street, PO Box 13609, Station A  
St. John's, NL A1B 4G1  
Tel: (709) 579-1061 Toll Free: (800) 563-8989 Fax: (709) 579-6002  
Website: [www.keyin.com](http://www.keyin.com)

National Dental Assisting Examining Board  
205-2255 St. Laurent Blvd.  
Ottawa, ON K1G 4K3  
Tel: (613) 526-3424 Fax: (613) 526-5560  
Email: [office@ndaeb.ca](mailto:office@ndaeb.ca)  
Website: [www.ndaeb.ca](http://www.ndaeb.ca)

Newfoundland and Labrador Dental Board  
Suite 204, 49-55 Elizabeth Avenue  
St. John's, NL A1A 1W9  
Tel: (709) 579-2391 Fax: (709) 579-2392  
Email: [nldb@nf.aibn.com](mailto:nldb@nf.aibn.com)  
Website: [www.nldb.ca](http://www.nldb.ca)

Newfoundland and Labrador Dental Assistants Association  
Unit 274, 38 Pearson Street  
St. John's, NL A1A 3R1  
Email: [nldaa@yahoo.ca](mailto:nldaa@yahoo.ca)  
Website: [www.nldaa.ca](http://www.nldaa.ca)

# Dental Hygienist

## Description of Work

Dental hygienists are members of the health care team who work collaboratively with a dentist to provide oral care to individuals and prevent dental disease. Depending on the setting, dental hygienists may perform basic dental exams, take x-rays, make dental impressions, or clean, polish, and apply fluoride treatments to the teeth. Dental hygienists educate patients about the importance of keeping teeth healthy. They may work in a variety of settings, including private dental practices, community health centres, home care programs, government, consulting, research, and in universities and community colleges.

## Educational Requirements

Newfoundland and Labrador does not have a dental hygienist education program. A diploma is the current entry-to-practice requirement for dental hygienists. There are many educational institutions in Canada that offer a Dental Hygienist program, with Dalhousie University in Halifax, Nova Scotia, being the closest. The Diploma in Dental Hygiene is a two-year program which accepts up to 42 students each year. Admission to the program requires one, full year in introductory biology, introductory sociology, introductory psychology, and a writing course, and one-term courses in introductory chemistry and introductory statistics. Dalhousie also offers a bachelor's degree in dental hygiene. It is required to have the dental hygiene diploma before enrolling in the one-year upgrade to a bachelor's degree. A list of all Canadian educational institutions offering the Dental Hygienist program is available from the National Dental Hygienist Association.

## Other Requirements

Dental hygienists are regulated under the *Dental Act, 2008*. To practice as a dental hygienist in Newfoundland and Labrador, graduates must be licensed by the Newfoundland and Labrador Dental Board.

## For Further Information, Contact:

*Closest training program to NL:*

Faculty of Dentistry, Dalhousie University  
5981 University Avenue, PO Box 15000  
Halifax, NS B3H 4R2  
Tel: (902) 494-2824 Fax: (902) 494-2527  
Email: [denadmis@dal.ca](mailto:denadmis@dal.ca)  
Website: [www.dentistry.dal.ca](http://www.dentistry.dal.ca)

Newfoundland and Labrador Dental Board  
Suite 204, 49-55 Elizabeth Avenue  
St. John's, NL A1A 1W9  
Tel: (709) 579-2391 Fax: (709) 579-2392  
Email: [nldb@nf.aibn.com](mailto:nldb@nf.aibn.com)  
Website: [www.nldb.ca](http://www.nldb.ca)

Newfoundland and Labrador Dental Hygienists Association  
P.O. Box 28048  
St. John's, NL A1B 4J8  
Email: [nldha@hotmail.com](mailto:nldha@hotmail.com)  
Website: [www.nldha.com](http://www.nldha.com)

## ***NURSING SERVICES***

# Registered Nurse

## Description of Work

Registered nurses (RN) combine knowledge of the basic sciences and humanities with nursing science, research and ethics to care for people of all ages. Nursing involves working with individuals, families, groups and/or communities to promote, maintain or restore health, and prevent illness. RNs work with people in settings such as intensive care units, patients' homes, community settings, industrial workplaces, and long-term care facilities. RNs are prepared to work with the interdisciplinary health team as direct caregivers, coordinators of care, teachers, counselors, advocates and members of a professional group. With practice, experience and further education, nurses can expand their career options in clinical specialization (such as nurse practitioner), nursing research, nursing education, and/or administration.

## Educational Requirements

The Bachelor of Nursing (BN) Collaborative program is delivered at three sites in the province: Memorial University's School of Nursing in St. John's; Centre for Nursing Studies in St. John's, and Western Regional School of Nursing in Corner Brook. The course of study, which is the same at all three sites, follows Memorial University's curriculum, and all students graduate with a Memorial University degree. It prepares students in the fundamentals of nursing, as well as preparation in health promotion, nursing leadership, health assessment, research, and related academic areas.

Applicants to the BN Collaborative program must meet the general admission requirements of Memorial University. Memorial University School of Nursing and Western Regional School of Nursing offer a BN Collaborative fast-track option which allows students with an undergraduate degree or advanced academic standing to complete the program in two years. All admission requirements are outlined in the Memorial University academic calendar.

The Centre for Nursing Studies also offers a BN Licensed Practical Nurse Bridging Option. This option is designed for LPNs who wish to continue their studies at the Bachelor of Nursing level. Students admitted to the program must complete a bridging semester prior to entry into the second year of the BN Collaborative program. The bridging semester consists of a bridging course and other non-nursing courses.

Graduates of nursing programs must successfully complete the Canadian Registered Nurses Examination in order to be eligible for a license to practice nursing which is required for employment as a RN.

## Other Requirements

All new graduates are required to obtain a license from the Association of Registered Nurses of Newfoundland and Labrador in order to practice in the province. New graduates are advised to check the registration requirements of the nursing regulatory body in the province where they intend to practice.

**For Further Information, Contact:**

Office of the Registrar, Nursing Consortium Office  
BN Collaborative Program  
Memorial University  
300 Prince Philip Drive  
St. John's, NL A1B 3V6  
Tel: (709) 864-6871 Fax: (709) 864-2337  
Email: [nursingadmissions@mun.ca](mailto:nursingadmissions@mun.ca)  
Website: [www.nurs.mun.ca](http://www.nurs.mun.ca)

School of Nursing, Memorial University  
300 Prince Philip Drive  
St. John's, NL A1B 3V6  
Tel: (709) 777-6695 Fax: (709) 777-7037  
Email: [nursing@mun.ca](mailto:nursing@mun.ca)  
Website: [www.nurs.mun.ca](http://www.nurs.mun.ca)

Centre for Nursing Studies  
Southcott Hall, 100 Forest Road  
St. John's, NL A1A 1E5  
Tel: (709) 777-8171 Fax: (709) 777-8177  
Email: [gail.piercy@mun.ca](mailto:gail.piercy@mun.ca)  
Website: [www.cns.nf.ca](http://www.cns.nf.ca)

Western Regional School of Nursing  
P.O. Box 2005  
Corner Brook, NL A2H 6J7  
Tel: (709) 637-5000 ext. 5489, 5490, or 5382 Fax: (709) 637-5161  
Email: [nursingschool@swgc.mun.ca](mailto:nursingschool@swgc.mun.ca)  
Website: <http://www.swgc.mun.ca/nursing/>

Association of Registered Nurses of Newfoundland and Labrador  
55 Military Road  
St. John's, NL A1C 2C5  
Tel: (709) 753-6040 Toll Free: (800) 563-3200 (NL only) Fax: (709) 753-4940  
Email: [info@arnnl.ca](mailto:info@arnnl.ca)  
Website: [www.arnnl.ca](http://www.arnnl.ca)

# Nurse Practitioner

## Description of Work

A nurse practitioner is a registered nurse (RN) with additional educational preparation and experience who possesses and demonstrates the knowledge, skills and competencies to autonomously diagnose; order and interpret diagnostic tests, prescribe pharmaceuticals, and perform specific procedures within the legislated scope of practice (CNPI, 2006). NPs are authorized to perform a range of health services focusing on health promotion and the treatment and management of health conditions.<sup>1</sup>

## Educational Requirements

Nurse practitioners must complete an accredited nurse practitioner program in order to practice in this province. Memorial University offers a Nurse Practitioner program through distance education with some on-campus learning requirements. All admission requirements are outlined in the Memorial University academic calendar.

## Other Requirements

To practice as a nurse practitioner in Newfoundland and Labrador, nurse practitioners must be registered as a RN with the Association of Registered Nurses of Newfoundland and Labrador prior to registration as a nurse practitioner.

## For Further Information, Contact:

School of Nursing, Memorial University  
300 Prince Philip Drive  
St. John's, NL A1B 3V6  
Tel: (709) 777-6695 Fax: (709) 777-7037  
Email: [nursing@mun.ca](mailto:nursing@mun.ca)  
Website: [www.nurs.mun.ca](http://www.nurs.mun.ca)

Nursing Education Consultant  
Association of Registered Nurses of Newfoundland and Labrador  
55 Military Road  
St. John's, NL A1C 2C5  
Tel: (709) 753-6040 Toll Free: (800) 563-3200 (NL only) Fax: (709) 753-4940  
Email: [info@arnnl.ca](mailto:info@arnnl.ca)  
Website: [www.arnnl.ca](http://www.arnnl.ca)

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<sup>1</sup> "Advanced Nursing Practice: Nurse Practitioner." <http://www.arnnl.ca>. Association of Registered Nurses of Newfoundland and Labrador, n.d. Web. 27 July 2011.

# Licensed Practical Nurse

## Description of Work

Licensed Practical Nurses (LPNs) are integral members of the health care team providing a wide range of nursing services to individuals, families, groups and communities. LPNs have the opportunity to work in many settings such as hospitals, long-term care homes, community, peoples' homes, schools and workplaces. Some of the services provided by LPNs include medication administration, health assessment, intravenous infusion therapy, wound care, and counseling. LPNs may perform some interventions independently; and seek collaboration with the health care team, for example, a registered nurse, nurse practitioner or physician, when aspects of the care required are beyond their current skill level or competence. In all collaborative situations, the degree of collaboration will depend on the complexity of client care.

## Educational Requirements

The Practical Nursing program is a four-semester diploma program. Students can complete the Practical Nursing program at the Centre for Nursing Studies in St. John's or at select College of the North Atlantic campuses across the province. Applicants should consult the College of the North Atlantic academic calendar for campuses offering this program.

## Other Requirements

To practice in Newfoundland and Labrador, a license is required through the College for Licensed Practical Nurses of Newfoundland and Labrador. Other jurisdictions may require proof of licensure from the province of graduation.

## For Further Information, Contact:

Practical Nursing Program, Centre for Nursing Studies  
Southcott Hall, 100 Forest Road  
St. John's, NL A1A 1E5  
Tel: (709) 777-8158 Fax: (709) 777-8172  
Email: [carol.rice@cns.nf.ca](mailto:carol.rice@cns.nf.ca)  
Website: [www.cns.nf.ca](http://www.cns.nf.ca)

College for Licensed Practical Nurses of Newfoundland and Labrador  
9 Paton Street  
St. John's, NL A1B 4S8  
Tel: (709) 579-3843 Toll Free: (888) 579-2576 (NL only) Fax: (709) 579-8268  
Email: [info@clpnnl.ca](mailto:info@clpnnl.ca)  
Website: [www.clpnnl.ca](http://www.clpnnl.ca)



*PHYSICIAN SERVICES*

# Physician

## Description of Work

Physicians promote and protect health; and, assist persons who have problems, both physical and psychological, to regain their health. Consequently, physicians provide services in both illness prevention and treatment. Physicians assess patients and provide a diagnosis, determine a course of treatment, and work collaboratively with other health care professionals, such as nurses, in the provision of the treatment plan.

Many physicians elect to be general practitioners or family physicians serving community health needs. Others may specialize in particular areas of health care, such as cardiology or surgery.

Physicians may have an individual or group practice, or may be employed by one of the four regional health authorities in health care agencies. Many physicians hold administrative positions or are involved in medical research and teaching.

## Educational Requirements

Memorial University offers a four-year Medical Doctorate degree. Applicants are required to complete a Bachelor's degree, including the prerequisite subjects of two courses in English to be completed at a recognized university or college before admission. In exceptional circumstances, an application may be considered from someone who does not hold a Bachelor's degree at the time of admission. All admission requirements are outlined in the Memorial University academic calendar. Applicants applying for admission are required to write the Medical College Admissions Test (MCAT).

The first two years of the program are the pre-clerkship phase, which involves a mixture of lectures, tutorials, clinical skills sessions, and two, two-week clinical rotations in rural and family medicine. The final two years, the clerkship phase, students rotate through the major specialties in the hospital and community settings, participating in the clinical care team. Students write examinations set by the Medical Council of Canada in their final year of study.

Graduates of a medical program may then embark on a postgraduate medical education program, also called a residency program, usually of two to five years duration. Memorial University offers postgraduate medical programs in anesthesia, internal medicine (and subspecialty in nephrology), neurology, obstetrics/gynecology, orthopedics, anatomical pathology, pediatrics, psychiatry, radiology, general surgery, and family medicine (and specialty in emergency medicine). The Canadian Resident Matching Service (CaRMS) works in close cooperation with the medical education community, medical schools and residents/students, to provide an electronic application service and a computer match for entry into postgraduate medical training throughout Canada. Students must submit an application for their postgraduate medical education. Students who graduate from the Memorial University medical program may not necessarily be accepted into Memorial University's postgraduate medical education program and are encouraged to apply to several programs to ensure the timely continuation of their medical education. For more information, contact the Memorial University Faculty of Medicine and CaRMS.

## Other Requirements

Physicians wishing to practice in Newfoundland and Labrador must be registered with the College of Physicians and Surgeons of Newfoundland and Labrador.

**For Further Information, Contact:**

Faculty of Medicine, Memorial University  
Admissions Office  
Room 1751, Health Sciences Centre  
300 Prince Philip Drive  
St. John's, NL A1B 3V6  
Tel: (709) 777-6615 Fax: (709) 777-8422  
Email: [munmed@mun.ca](mailto:munmed@mun.ca)  
Website: [www.med.mun.ca](http://www.med.mun.ca)

Canadian Residency Matching Service (CaRMS)  
171 Nepean Street, Suite 300  
Ottawa, ON K2P 0B4  
Tel: (613) 237-0075 Toll Free: (877) 227-6742  
Email: [help@carms.ca](mailto:help@carms.ca)  
Website: [www.carms.ca](http://www.carms.ca)

College of Physicians and Surgeons of Newfoundland and Labrador  
Suite W100, 120 Torbay Road  
St. John's, NL A1A 2G8  
Tel: (709) 726-8546 Fax: (709) 726-4725  
Email: [cspnl@cspnl.ca](mailto:cspnl@cspnl.ca)  
Website: [www.nmb.ca](http://www.nmb.ca)

Newfoundland and Labrador Medical Association  
164 MacDonald Drive  
St. John's, NL A1A 4B3  
Tel: (709) 726-7424 Toll Free: (800) 563-2003 Fax: (709) 726-7525  
E-mail: [nlma@nlma.nl.ca](mailto:nlma@nlma.nl.ca)  
Website: [www.nlma.nl.ca](http://www.nlma.nl.ca)

***ALLIED HEALTH SERVICES***

# Audiologist

## Description of Work

Audiologists are specialized professionals operating with a high degree of independence in the identification, evaluation and rehabilitation of persons of all ages with auditory disorders. Audiology involves the use of diagnostic techniques, tools, standardized test procedures, and calibrated electro-acoustic and physiologic equipment. The focus is on all aspects of auditory impairment, its associated communicative disorders and includes counseling, case management, therapy, education, and prescribing/dispensing hearing aids or assistive listening devices. Audiologists are also responsible for program planning, health promotion, continuous quality improvement, staff education, and public awareness. Individuals can expect to be employed by regional health authorities, educational institutions, hearing aid manufacturers, private business, or research centres.

## Educational Requirements

There are five Audiology schools in Canada:

Dalhousie University, Nova Scotia	University of Western Ontario, Ontario
Université de Montréal, Québec	University of British Columbia, British Columbia
Université d'Ottawa, Ontario	

To work as an Audiologist in Newfoundland and Labrador, a Master's degree in Audiology is required. The closest university is Dalhousie University. The Master of Science in Human Communication Disorders (Audiology) program involves three years of study; two, 12-week periods of clinical practice; and, a thesis of research project. Applicants must possess a four-year Bachelor's degree. Most applicants have degrees in psychology, biology, health sciences, kinesiology, nursing, linguistics, the natural sciences, or other health or medical fields, though students with strong academic backgrounds in other areas are encouraged to apply. Graduate Record Examination (GRE) test scores are now required for applicants applying for fall 2013 enrollment; there is no minimum requirement score. All admission requirements are outlined in the Dalhousie University academic calendar.

## Other Requirements

While audiologists are currently a designated health profession under the *Health Professions Act*, the *Health Professions Act* has not yet been proclaimed into force for this profession. Once the *Health Professions Act* is proclaimed into force for this health profession, individuals wishing to practice this profession in NL will be required to meet the requirements set out under the *Health Professions Act*, including registration with the Council of Health Professionals of Newfoundland and Labrador. The *Health Professions Act* may be accessed on the Newfoundland and Labrador House of Assembly website, [www.assembly.nl.ca](http://www.assembly.nl.ca).

**For Further Information, Contact:**

*Closest training program to NL:*

School of Human Communication Disorders, Dalhousie University  
6th Floor, 1256 Barrington Street  
Halifax, NS B3J 1Y6  
Tel: (902) 494-7052 Fax: (902) 494-5151  
Email: [hucd@dal.ca](mailto:hucd@dal.ca)  
Website: [www.humancommunicationdisorders.dal.ca](http://www.humancommunicationdisorders.dal.ca)

Newfoundland and Labrador Association of Speech Language Pathologists and Audiologists  
P.O. Box 21212  
St. John's, NL A1A 5B2  
Email: [info@nlaslpa.ca](mailto:info@nlaslpa.ca)  
Website: [www.nlaslpa.ca](http://www.nlaslpa.ca)

# Speech Language Pathologist

## Description of Work

Speech language pathologists are specialized professionals operating with a high degree of independence in the prevention, identification, assessment, diagnosis, and treatment of communication and feeding/swallowing disorders in people of all ages. Assessment protocols used by speech language pathologists can include the use of standardized assessment tools, computerized equipment, and other diagnostic techniques. Intervention often includes case management, consultation with other professionals, counseling of clients/caregivers, therapy, education, and recommendations for use of various assistive devices. Speech language pathologists are also responsible for program development, health promotion, continuous quality improvement, staff and community education, and public awareness. Individuals can expect to be employed by regional health authorities, educational institutions, rehabilitation centres, private industry, or research centres.

## Educational Requirements

There are nine speech language pathology schools in Canada:

Dalhousie University, Nova Scotia	University of Toronto, Ontario
Université de Laval, Québec	University of Western Ontario, Ontario
Université de Montréal, Québec	University of Alberta, Alberta
McGill University, Québec	University of British Columbia, British Columbia
Université d'Ottawa, Ontario	

A Master's degree in Speech Language Pathology is required to work as a speech language pathologist in Newfoundland and Labrador. The nearest university that offers the program is Dalhousie University. Dalhousie requires applicants to have completed a four-year Bachelor's degree. Most applicants have degrees in areas such as psychology, biology, health sciences, kinesiology, nursing, linguistics, the natural sciences, or other health or medical fields but students with strong academic backgrounds in other areas are encouraged to apply. Graduate Record Examination (GRE) test scores are now required for applicants applying for fall 2013 enrolment; there is no minimum requirement score. All admission requirements are outlined in the Dalhousie University academic calendar. Students must then successfully complete the Certification Exam administered by the Canadian Association of Speech Language Pathologists and Audiologists.

## Other Requirements

While speech language pathologists are currently a designated health profession under the *Health Professions Act*, the *Health Professions Act* has not yet been proclaimed into force for this profession. Once the *Health Professions Act* is proclaimed into force for this health profession, individuals wishing to practice as a speech language pathologist in NL will be required to meet the requirements set out under the *Health Professions Act*, including registration with the Council of Health Professionals of Newfoundland and Labrador. The *Health Professions Act* may be accessed on the Newfoundland and Labrador House of Assembly website, [www.assembly.nl.ca](http://www.assembly.nl.ca).

**For Further Information, Contact:**

*Closest training program to NL:*

School of Human Communication Disorders, Dalhousie University  
6th Floor, 1256 Barrington Street, PO Box 15000  
Halifax, NS B3H 4R2  
Tel: (902) 494-7052 Fax: (902) 494-5151  
Email: [hucd@dal.ca](mailto:hucd@dal.ca)  
Website: [www.humancommunicationdisorders.dal.ca](http://www.humancommunicationdisorders.dal.ca)

Newfoundland and Labrador Association of Speech Language Pathologists and Audiologists  
P.O. Box 21212  
St. John's, NL A1A 5B2  
Email: [info@nlaslpa.ca](mailto:info@nlaslpa.ca)  
Website: [www.nlaslpa.ca](http://www.nlaslpa.ca)



# Registered Dietitian

## Description of Work

Registered dietitians are health care professionals educated in the science of nutrition and food. Dietitians work in a variety of settings including: acute and long-term care health facilities, community health offices, food service management, post-secondary institutions, research, business, public health and policy. Clinical dietitians assess the nutritional needs of patients/clients and develop nutrition plans to support, treat and rehabilitate patients. Public health dietitians provide leadership and expertise in nutrition, food systems and related public health sciences. This includes the assessment, promotion, protection and enhancement of health with a focus on the prevention of nutrition-related diseases. Public health dietitians provide leadership in practice to address challenges such as: chronic disease, food insecurity as well as childhood and maternal health. Dietitians work with individuals and community groups to identify nutrition issues and develop and implement nutrition and health promotion programs; teach nutrition, food, food service management and related topics at schools, community colleges and universities; and, complete research related to nutrition and food. Dietitians can also work for the private sector providing expertise in nutrition, food, and food service systems to individuals, institutions, and businesses.

## Educational Requirements

To become a Dietitian in Newfoundland and Labrador, individuals must graduate from a Dietitians of Canada accredited four-year Bachelor of Science-Dietetics degree; successfully complete a Dietitians of Canada accredited dietetic internship/practicum program; and, successfully complete the Canadian Dietetic Registration Examination. Coursework includes sciences (chemistry, physiology, microbiology); food chemistry; nutrition and disease; and, social sciences.

### Accredited Degree Programs:

There are 16 universities in Canada that offer accredited dietetic degree programs:

Mount Saint Vincent University, Nova Scotia	Université de Ottawa, Ontario
St. Francis Xavier University, Nova Scotia	Ryerson University, Ontario
Acadia University, Nova Scotia	University of Guelph, Ontario
University of Prince Edward Island, PEI	Brescia University College, Ontario
Université de Moncton, New Brunswick	University of Manitoba, Manitoba
Université Laval, Québec	University of Saskatchewan, Saskatchewan
Université de Montréal, Québec	University of Alberta, Alberta
McGill University, Québec	University of British Columbia, British Columbia

The closest dietetics undergraduate degree program to Newfoundland and Labrador is offered at Acadia University in Nova Scotia, which has a Bachelor of Science in Nutrition (Dietetics Option). Memorial University and Acadia University have an agreement which allows the students to complete the first two years of their degree at Memorial University and final two years at Acadia University.

### Accredited Dietetic Internship/Practicum Programs:

There are two types of accredited dietetic internship/practicum programs including the Integrated Undergraduate Internship in which the practicum training is incorporated as part of the undergraduate degree; and, the Post-Degree Internship which, after completing an accredited undergraduate university program, students have two options to complete a post-degree internship program:

- Masters/practicum program individuals apply directly to the accredited university program. The practicum experience is incorporated into the curriculum design, and the university arranges placements that students must complete in addition to the Masters-level coursework.
- Post-degree internship program individuals apply for internship programs through the Dietitians of Canada annual internship selection-match process. These internship programs are sponsored by specific organizations, such as hospitals or other care facilities, and typically last 35 to 40 weeks. There are a limited number of seats.

For Dietetic Internship/Practicum Programs in Newfoundland and Labrador, Eastern Health offers a post-degree internship and Central Health offers internship placements in collaboration with Aramark Canada. Memorial University also offers a two-year Master of Public Health (Nutrition/Dietetics) which incorporates practicum experience into the program. All programs have limited seats.

### **Other Requirements**

Dietitians must be registered with the Newfoundland and Labrador College of Dietitians in order to practice.

### **For Further Information, Contact:**

Department of Biochemistry, Memorial University  
Health Sciences Centre  
300 Prince Philip Drive  
St. John's, NL A1B 3V6  
Tel: (709) 864-8530  
Fax: (709) 864-2422  
Email: [bcadvice@mun.ca](mailto:bcadvice@mun.ca)  
Website: [www.mun.ca/biochem](http://www.mun.ca/biochem)

School of Nutrition and Dietetics, Acadia University  
P.O. Box 68, 12 University Avenue  
Wolfville, NS B4P 2R6  
Tel: (902) 585-1366 Fax: (902) 585-1637  
Email: [nutr@acadiau.ca](mailto:nutr@acadiau.ca)  
Website: [www.nutrition.acadiau.ca](http://www.nutrition.acadiau.ca)

Newfoundland and Labrador College of Dietitians  
P.O. Box 1756, Station C  
St. John's, NL A1C 5P5  
Tel: (709) 753-4040 Toll Free: (877) 753-4040 Fax: 709-781-1044  
Website: [www.nlcd.ca](http://www.nlcd.ca)

Dietitians of Canada  
480 University Avenue, Suite 604  
Toronto, ON M5G 1V2  
Tel: (416) 596-0857 Fax: (416) 596-0603  
Email: [centralinfo@dietitians.ca](mailto:centralinfo@dietitians.ca)  
Website: [www.dietitians.ca](http://www.dietitians.ca)

# Occupational Therapist

## Description of Work

Occupational therapists are health professionals concerned with promoting health and well-being through occupation. The primary goal of occupational therapy is to enable people to participate in an independent, productive and satisfying life after a change in function (thinking, doing or feeling). A change in function may be the result of accident; mental or physical illness; and/or, barriers in physical, social or institutional environments.

Occupational therapists use a systematic approach based on evidence and professional reasoning to enable individuals, groups and communities to develop the means and opportunities to identify, engage in and improve their function in the occupations of life. The process involves assessment, intervention and evaluation of the client related to occupational performance in self-care, work, study, volunteerism and leisure. Occupational therapists provide a variety of interventions such as using adaptive equipment; assisting with memory problems; coaching for energy conservation; and, enabling new ways to do everyday tasks. Occupational therapists also perform functions as manager, researcher, program developer or educator in addition to the direct delivery of professional services; and, are generally employed in health care organizations such as hospitals, chronic care facilities, rehabilitation centres, community agencies, schools, social agencies, industry or are self-employed.

## Educational Requirements

There are 14 occupational therapy programs in Canada:

Dalhousie University, Nova Scotia	Queens University, Ontario
Université Laval, Québec	University of Toronto, Ontario
Université de Sherbrooke, Québec	McMaster University, Ontario
Université de Montréal, Québec	University of Western Ontario, Ontario
McGill University, Québec	University of Manitoba, Manitoba
Université du Québec à Trois-Rivières, Québec	University of Alberta, Alberta
Université d'Ottawa, Ontario	University of British Columbia, British Columbia

Applicants must have completed an undergraduate degree with an emphasis on life sciences prior to applying for the two-year Masters of Science (Occupational Therapy) program. Newfoundland and Labrador students interested in a career as an occupational therapist should contact one of the Canadian universities offering occupational therapy programs. There are eight seats designated for students from Newfoundland and Labrador at the School of Occupational Therapy, Dalhousie University. Entrance requirements vary by university. Students are advised to consult the programs and academic calendars directly.

Newfoundland and Labrador has an occupational therapy fieldwork education coordinator, who is responsible for student recruitment and academic advising; fieldwork placement recruitment and development; preceptor orientation and development; placement monitoring; and, liaising with academic programs. Since this program is not available in the province, the coordinator supports Newfoundland and Labrador students returning to the province for fieldwork as part of their education program. Fieldwork comprises a third of the academic program.

Graduates of all Masters of Science (Occupational Therapy) programs must successfully complete the Canadian Association of Occupational Therapists Certification Exam.

## **Other Requirements**

All occupational therapists who wish to practice in Newfoundland and Labrador must obtain a license from the Newfoundland and Labrador Occupational Therapy Board.

### **For Further Information, Contact:**

*Closest training program to NL:*

School of Occupational Therapy, Dalhousie University  
Room 215, Forrest Building  
5869 University Avenue  
Halifax, NS B3H 4R2  
Tel: (902) 494-8804 Fax: (902) 494-1229  
Email: [occupational.therapy@dal.ca](mailto:occupational.therapy@dal.ca)  
Website: [www.occupationaltherapy.dal.ca](http://www.occupationaltherapy.dal.ca)

Occupational Therapy Fieldwork Coordinator  
Memorial University  
Room 2765, Health Sciences Centre  
300 Prince Phillip Drive  
St. John's, NL AB 3V6  
Tel: (709) 777-7105 Fax: (709) 777-6746  
Email: [bhead@mun.ca](mailto:bhead@mun.ca)

Canadian Association of Occupational Therapists  
CTTC Building  
3400-1125 Colonel By Drive  
Ottawa, ON K1S 5R1  
Tel: (613) 523-2268 Fax: (613) 523-2252  
Email: [mbrennan@caot.ca](mailto:mbrennan@caot.ca)  
Website: [www.caot.ca](http://www.caot.ca)

Newfoundland and Labrador Occupational Therapy Board  
P.O. Box 23076, RPO Churchill Square  
St. John's, NL A1B 4J9  
Tel: (709) 697-4920 Fax: (709) 303-0135  
Email: [registrar@nlaob.ca](mailto:registrar@nlaob.ca)  
Website: [www.nlaot.ca/board](http://www.nlaot.ca/board)

Newfoundland and Labrador Association of Occupational Therapists  
P.O. Box 5423  
St. John's, NL A1C 5W2  
Tel: (709) 689-5122  
Email: [info@nlaot.ca](mailto:info@nlaot.ca)  
Website: [www.nlaot.ca](http://www.nlaot.ca)

# Physiotherapist

## Description of Work

Physiotherapists are health professionals who use scientifically-based knowledge and specialized clinical skills to prevent or alleviate movement dysfunction in people. Physiotherapists help people keep in motion throughout all stages of their lives. Physiotherapists work with individuals who have physical disorders caused by injury, disease, aging or birth abnormalities. They assess clients to determine their physical status and their potential for change. Physiotherapy, when indicated, often focuses on: decreasing pain; increasing joint movement and flexibility; restoring muscle strength and endurance; improving balance and coordination; enhancing tolerance in exercise and daily activities; and, educating about the condition and the therapy program. The treatment techniques physiotherapists use include: therapeutic exercise and specific techniques of mobilization, manipulation or facilitation; physical agents such as heat, cold, water, and electrical energy; and, assistive devices such as canes, crutches, braces and artificial limbs. An important part of the therapy program is providing advice on ways to prevent future injury or deterioration.

Individuals can expect to find employment in health organizations, rehabilitation centres, private practice, sports clinics, community agencies, or home care programs. Following completion of a doctorate degree, therapists may teach and/or conduct research in the field.

## Educational Requirements

There are 14 physiotherapy schools in Canada:

Dalhousie University, Nova Scotia	University of Toronto, Ontario
Université de Laval, Québec	McMaster University, Ontario
Université de Sherbrooke, Québec	University of Western Ontario, Ontario
Université de Montréal, Québec	University of Manitoba, Manitoba
McGill University, Québec	University of Saskatchewan, Saskatchewan
Université d'Ottawa, Ontario	University of Alberta, Alberta
Queens University, Ontario	University of British Columbia, British Columbia

Prior to applying for a two-year Masters of Science (Physiotherapy) program, applicants must have completed an undergraduate degree. The closest university to Newfoundland and Labrador that offers this program is Dalhousie University. There are 10 seats designated at Dalhousie University for students from Newfoundland and Labrador. Entrance requirements vary by university and students are advised to consult the academic calendars of the respective schools. To work in Canada, graduates of a Masters of Science (Physiotherapy) degree must successfully complete the Physiotherapy Competency Exam administered by the Canadian Alliance of Physiotherapy Regulators.

Newfoundland and Labrador has a physiotherapy fieldwork education coordinator, who is responsible for student recruitment and academic advising; fieldwork placement recruitment and development; preceptor orientation and development; placement monitoring; and, liaising with academic programs. Since this program is not available in the province, the coordinator supports Newfoundland and Labrador students returning to the province for fieldwork as part of their education program. Fieldwork comprises a third of the academic program.

## **Other Requirements**

For information on licensure requirements for physiotherapists, contact the Newfoundland and Labrador College of Physiotherapists.

### **For Further Information, Contact:**

*Closest training program to NL:*

Physiotherapy Fieldwork Education Coordinator  
Memorial University  
Room, 2765, Health Sciences Centre  
300 Prince Phillip Drive  
St. John's, NL A1B 3V6  
Tel: (709) 777-7080 Fax: (709) 777-6746  
Email: [kim.furlong@mun.ca](mailto:kim.furlong@mun.ca)

School of Physiotherapy, Dalhousie University  
4<sup>th</sup> Floor, Forrest Building  
5869 University Avenue  
Halifax, NS B3H 4R2  
Tel: (902) 494-2524 Fax: (902) 494-1941  
Email: [physiotherapy@dal.ca](mailto:physiotherapy@dal.ca)  
Website: [www.physiotherapy.dal.ca](http://www.physiotherapy.dal.ca)

Newfoundland and Labrador College of Physiotherapists  
P.O. Box 21351  
St. John's, NL A1A 5G6  
Tel.: (709) 753-6527 Fax: (709) 753-6527  
Email: [collegept@nf.aibn.com](mailto:collegept@nf.aibn.com)

Canadian Physiotherapy Association  
Suite 270, 955 Green Valley Crescent  
Ottawa, ON K2C 3V4  
Tel: (613) 564-5454 Toll Free: (800) 387-8679 Fax: (613) 564-1577  
Email: [information@physiotherapy.ca](mailto:information@physiotherapy.ca)  
Website: [www.physiotherapy.ca](http://www.physiotherapy.ca)

## Prosthetist/Orthotist

### Description of Work

This health professional group concerns itself with assisting people who have medical or congenital problems which require prosthesis (limb) or orthosis (brace). Prosthetists provide care for individuals with partial or total absence of the upper or lower extremities. This is accomplished through assessing, designing, fabricating, and fitting functional and/or cosmetic devices at the request of, and in consultation with, the physician. Orthotists specialize in the bracing of the skeletal system. This includes orthopaedic footwear, spinal devices (i.e. custom control, hyperextension orthosis, and cervical collars) custom upper and lower orthosis (ankle foot orthosis, arm abduction and wrist hand orthosis). Orthotists are also involved in customized special seating devices and wheelchair adaptations. Individuals can expect to be employed in health organizations, rehabilitation centers, or in private facilities.

### Educational Requirements

There are two Prosthetic/Orthotic Clinical Programs in Canada:

George Brown College, Ontario	British Columbia Institute of Technology, British Columbia
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The Prosthetic/Orthotic Clinical Program is a two-year post-degree/diploma program. Students entering the program must have degrees in kinesiology, physical education, nursing, engineering or related backgrounds, or are graduates of the Prosthetic/Orthotic Technician Program. The clinical program is offered at two colleges in Canada, with George Brown College in Toronto being the closest. Applicants must complete an admissions test and qualifying applicants from the admissions testing will receive an interview. For admissions information, consult the academic calendar for George Brown College. Upon completion of the two-year clinical program, students are required to serve a twenty-two month internship in either prosthetics or orthotics to be eligible to write exams set by the Canadian Board of Certification. If individuals wish to be certified in the second discipline, an additional two-year internship is required.

### Other Requirements

Prosthetists and orthotists in Newfoundland and Labrador must be registered with the Canadian Board for Certification of Prosthetists and Orthotists.

### For Further Information, Contact:

*Closest training program to NL:*

George Brown College  
Prosthetic and Orthotic Programs  
c/o SCIL, 2075 Bayview Avenue  
Toronto, ON M4N 3M5  
Tel: (416) 480-5783 Fax: (416) 480-5975  
Email: [prostheticsorthotics@georgebrown.ca](mailto:prostheticsorthotics@georgebrown.ca)  
Website: [www.georgebrown.ca](http://www.georgebrown.ca)

Canadian Board for Certification of Prosthetists and Orthotists  
605-294 Portage Avenue  
Winnipeg, MB R3C 0B9  
Tel: (204) 949-4972 Fax: (204) 947-3627  
Email: [cbcpo@mts.net](mailto:cbcpo@mts.net)  
Website: [www.cbcpo.ca](http://www.cbcpo.ca)

Prosthetic/Orthotic Services  
Dr. Leonard A. Miller Centre  
100 Forest Road  
St. John's, NL A1A 1E5  
Tel: (709) 777-6555

Orthotic & Adaptive Seating Department  
Janeway Children's Health and Rehabilitation Centre  
Health Sciences Centre  
300 Prince Philip Drive  
St. John's, NL A1B 3V6  
Tel: (709) 777-6555



# Clinical Psychologist

## Description of Work

Psychology is a science devoted to seeking out, through research, the regularities of thought, emotion, and behaviour and relating them to causes. Psychology is a discipline concerned with the dissemination, through teaching at all levels, of the expanding knowledge of behaviour and mental processes. Psychologists are concerned with applying scientific knowledge, behaviour to enhance individual development, and the alleviation of disability from mental, emotional or physical causes.

Clinical psychologists treat individuals who have emotional distress, mal-adaptive behaviour, learning disabilities, and developmental handicaps, either privately or through some agency or institution such as a mental health facility. Clinical psychologists may also specialize in administering and interpreting tests, and can expect to work in health organizations, schools, community agencies, or in private practice.

## Educational Requirements

Students must complete the academic high school program with an emphasis on the sciences and may then attend Memorial University to obtain a Bachelor of Arts or Science, with a major in psychology. A master-level degree in Clinical Psychology is the minimum requirement for employment as a psychologist in Newfoundland and Labrador. Memorial University also offers the Doctor of Psychology program. All admission requirements are outlined in the Memorial University academic calendar.

## Other Requirements

To practice in Newfoundland and Labrador, clinical psychologists must be registered with the Newfoundland and Labrador Psychology Board.

## For Further Information, Contact:

Department of Psychology, Memorial University  
St. John's, NL A1B 3X9  
Tel: (709) 864-8496 Fax: (709) 864-2430  
Email: [psych@mun.ca](mailto:psych@mun.ca)  
Website: [www.mun.ca/psychology](http://www.mun.ca/psychology)

Newfoundland and Labrador Psychology Board  
P.O. Box 8275, Station A  
Suite 103, 13-15 Pippy Place  
St. John's, NL A1B 3N4  
Tel: (709) 579-6313 Fax: (709) 753-6080  
Email: [registrar@nbep.info](mailto:registrar@nbep.info)  
Website: [www.nlpsychboard.ca](http://www.nlpsychboard.ca)

Association of Psychology in Newfoundland and Labrador  
P.O. Box 26061, RPO LeMarchant Road  
St. John's, NL A1C 5T9  
Tel: (709) 739-5405  
Email: [admin@nlpsych.ca](mailto:admin@nlpsych.ca)  
Website: [www.nlpsych.ca](http://www.nlpsych.ca)

# Social Worker

## Description of Work

Social workers are professionals committed to improving the well-being of individuals, couples, families, groups, and communities through intervention and counselling; social policy analysis; collaboration; research; health promotion; and, community capacity building. Social workers also promote human rights, social justice and equality by addressing issues such as poverty, homelessness, domestic violence, and oppression.

As outlined in the *Social Workers Act*, social work is defined as “the assessment, remediation and prevention of psycho-social problems and the enhancement of the social, psycho-social functioning and well-being of individuals, families, groups and communities.” The profession is diverse, with social workers practicing in various settings including, but not limited to, hospitals, community care, seniors’ homes, adult and youth corrections, child welfare, addictions, mental health, community-based centres, government departments and universities. Social workers are also self-employed in private practice and consulting businesses.

Social workers with the Department of Child, Youth, and Family Services serve to protect children. When an allegation of mistreatment is made, social workers investigate and provide the necessary interventions, support and services. Social workers assess the risk to the child and develop a plan to reduce this risk.

## Educational Requirements

A Bachelor of Social Work from a university accredited by the Canadian Association of Social Work Education is the minimum educational requirement for entry to the social work profession in Newfoundland and Labrador.

Memorial University offers the Bachelor of Social Work as a first or second-degree option. As a first degree, the program is four years in length, including a foundation year. As a second-degree option, the program is 24 consecutive months. All admission requirements are outlined in the Memorial University academic calendar.

The Master of Social Work is offered part-time and full-time, via distance education, with the exception of three on-campus courses. Students can customize their learning to a specific field of practice. A faculty mentor is assigned to each student.

The Doctor of Philosophy (Social Work) requires the completion of 24 credit hours of graduate courses, a residency period of two Spring semesters, a comprehensive examination and thesis. As with most PhD programs, the requirements can be completed in four years, but may take up to seven years.

## Other Requirements

To practice as a social worker in Newfoundland and Labrador and to use the Registered Social Worker (RSW) designation following the completion of educational requirements, individuals must register with the Newfoundland and Labrador Association of Social Workers.

**For Further Information, Contact:**

School of Social Work, Memorial University  
St. John's College  
P.O. Box 4200, 323 Prince Philip Drive  
St. John's, NL A1C 5S7  
Tel: (709) 864-8165 Fax: (709) 864-2408  
Email: [ccluett@mun.ca](mailto:ccluett@mun.ca)  
Website: [www.mun.ca/socwrk/](http://www.mun.ca/socwrk/)

Newfoundland and Labrador Association of Social Workers  
P.O. Box 39039, 177 Hamlyn Road  
St. John's, NL A1E 5Y7  
Tel: (709) 753-0200 Fax: (709) 753-0120  
Email: [info@nlasw.ca](mailto:info@nlasw.ca)  
Website: [www.nlasw.ca](http://www.nlasw.ca)

# Recreation Development Specialist

## Description of Work

Recreation development specialists are primarily responsible for providing comprehensive therapeutic recreation services for clients as part of their overall treatment and rehabilitation program. They are members of the health care team responsible for the development, planning, organization, supervision, and evaluation of comprehensive and individual therapeutic recreation services for clients. Recreation Development Specialists provide care in a variety of settings for clients of all ages.

## Educational Requirements

Recreation development specialists must complete a four-year degree program in Therapeutic Recreation or four-year degree in Recreation which contains major coursework in Therapeutic Recreation. Graduates have extensive knowledge and experience in the areas of assessment, assessment tools, program design, documentation, therapeutic interventions, facilitation techniques and leadership. Memorial University offers two, four-year programs: 1) Bachelor of Recreation (co-operative) on a full-time basis and includes three cooperative work terms; and, 2) Bachelor of Recreation intended for students who have a minimum of five years of relevant work experience in the field of recreation, which can be taken on a part-time or full-time basis. The Bachelor of Recreation includes a specialty in Therapeutic Recreation. All admission requirements are outlined in the Memorial University academic calendar.

## Other Requirements

At this time, recreation development specialists do not require a license to practice in Newfoundland and Labrador. In May 2009, the Canadian Therapeutic Recreation Association (CTRA) and the National Council for Therapeutic Recreation Certification (NCTRC) agreed to a partnership where the NCTRC certification credential as a Certified Therapeutic Recreation Specialist would be the recognized certification credential in Canada. As a result, certification by the NCTRC would be an asset for most employers. Employers in Newfoundland and Labrador may also require membership with the Newfoundland and Labrador Therapeutic Recreation Association.

## For Further Information, Contact:

School of Human Kinetics and Recreation, Memorial University  
Physical Education Building  
St. John's, NL A1C 5S7  
Tel: (709) 864-8130 Fax: (709) 864-3979  
Email: [spera@mun.ca](mailto:spera@mun.ca)  
Website: [www.mun.ca/hkr](http://www.mun.ca/hkr)

Newfoundland and Labrador Therapeutic Recreation Association  
Email: [shelleynichols@westernhealth.nl.ca](mailto:shelleynichols@westernhealth.nl.ca)  
Website: [www.nltra.ca](http://www.nltra.ca)

# Pharmacist

## Description of Work

Pharmacists employ a unique set of knowledge and skills to optimize drug therapies, using their expertise to ensure patients receive the best medication at the correct dosage. They review drug therapies to make sure there are no significant interactions with other medications or with other medical conditions. Pharmacists also provide education and counseling to patients and other health care professionals on the proper use of medications and work with them to maximize effectiveness and to prevent or minimize any unwanted effects or side effects.

Pharmacists work in a variety of settings including community-based pharmacies, hospitals, long-term care facilities, industry, government and academia. Pharmacists working in community settings are the most accessible health care provider. In addition to providing their expertise on prescription therapies, they also offer advice on the selection and use of nonprescription medicines and other health care aids as well as general advice on health promotion and disease prevention.

Hospital pharmacists work within hospital and long-term care settings and are valuable members of the health care team. They provide advice on what medications should be prescribed, monitor medication therapy for effectiveness and safety and provide education to patients and other health care professionals. Hospital pharmacists are also involved in the development and implementation of policies and systems to ensure the safe and effective distribution and use of medication within their institutions.

Pharmacists working within the pharmaceutical industry may conduct research on new drug products, promote and provide education on those products to health care professionals (marketing), assess the cost effectiveness of drug therapy (pharmacoeconomics), work with government to have new medications approved for use in Canada (regulatory affairs) and organize and supervise manufacturing operations.

## Educational Requirements

Applicants to the four-year Bachelor of Science (Pharmacy) degree program at Memorial University must have completed a minimum of 30 credit hours at any recognized university or university college. All admission requirements are outlined in the Memorial University academic calendar. Forty students are admitted into the program each year. Graduates with a Bachelor of Science (Pharmacy) must then write national competency examinations set by the Pharmacy Examining Board of Canada as well as the Registration Examination administered by the Newfoundland and Labrador Pharmacy Board if they wish to be licensed to practice in Newfoundland and Labrador.

## Other Requirements

To practice pharmacy in Newfoundland and Labrador, pharmacists must be registered with the Newfoundland and Labrador Pharmacy Board.

**For Further Information, Contact:**

School of Pharmacy, Memorial University  
300 Prince Philip Drive  
St. John's, NL A1B 3V6  
Tel: (709) 777-8300 Fax: (709) 777-7044  
E-mail: [pharminfo@mun.ca](mailto:pharminfo@mun.ca)  
Website: [www.mun.ca/pharmacy](http://www.mun.ca/pharmacy)

Newfoundland and Labrador Pharmacy Board  
Apothecary Hall, 488 Water Street  
St. John's, NL A1E 1B3  
Tel: (709) 753-5877 Toll Free: (877) 453-5877 Fax: (709) 753-8615  
Email: [inforx@nlpb.ca](mailto:inforx@nlpb.ca)  
Website: [www.nlpb.ca](http://www.nlpb.ca)

Pharmacists Association of Newfoundland and Labrador  
Suite 203, 85 Thorburn Road  
St. John's, NL A1B 3M2  
Tel: (709) 753-7881 Toll Free: (866) 753-7881 Fax: (709) 753-8882  
Email: [email@panl.net](mailto:email@panl.net)  
Website: [www.panl.net](http://www.panl.net)

## ***DIAGNOSTIC SERVICES***



# Diagnostic Radiology Technologist

## Description of Work

Diagnostic radiological technologists (X-ray technologists) are health care professionals who utilize radiation to produce images of the patient's anatomical structure. Qualified technologists play an important role in the early diagnosis, control and treatment of diseases. In general, the role of diagnostic radiological technologists is to produce a visual image of some part of the patient/resident's body, which a radiologist (specialist physician) then reviews or interprets to determine whether or not injury or disease is present.

In order to obtain this image, diagnostic radiological technologists must be highly skilled in the operation of x-ray and image processing equipment including Picture Archiving and Communications systems (PACS), have a thorough knowledge of the normal human anatomy and normal anatomic variations so that the patient can be accurately positioned, and understand the radiographic characteristics of numerous pathologic conditions. Diagnostic radiological technologists must be adaptable to meet challenges presented by the patient's physical or psychological state.

Diagnostic radiological technologists work in an environment where there is emission of ionizing radiation and, therefore, must be aware of the various hazards of ionizing radiation and use all precautions to protect the patient/resident, as well as themselves and other personnel from unnecessary exposure. Diagnostic radiological technologists provide specialized skills and knowledge in such related fields as Computerized Tomography (CT Scan), and Magnetic Resonance Imaging (MRI).

## Educational Requirements

College of the North Atlantic offers programs in medical radiography. This is the required program to become a diagnostic radiology technologist. Applicants must first complete a common first year, composed of the two-semester Medical Sciences I (General Studies) program. Applicants are placed on an eligibility list. Students meeting academic entrance requirements are accepted on a first-come, first-serve basis. All admission requirements are outlined in the College of the North Atlantic academic calendar. Graduates may further their studies to obtain a Bachelor of Technology degree from Memorial University.

Upon successful completion of Medical Radiography at College of the North Atlantic, students must complete the national registration exams set by the Canadian Association of Medical Radiation Technologists. Successful completion of these exams is a requirement to practice.

## Other Requirements

In order to practice as a diagnostic radiological technologist in Newfoundland and Labrador, individuals must become members of the Newfoundland and Labrador Association of Medical Radiation Technologists.

## For Further Information, Contact:

School of Health Sciences  
College of the North Atlantic  
P.O. Box 1693  
St. John's, NL A1C 5P7  
Tel: (709) 758-7636    Toll Free: (888) 982-2268    Fax: (709) 758-7634  
Email: [info@cna.nl.ca](mailto:info@cna.nl.ca)  
Website: [www.cna.nl.ca](http://www.cna.nl.ca)

Canadian Association of Medical Radiation Technologists

1000 - 85 Albert Street,

Ottawa, ON K1P 6A4

Tel: (613) 234-0012    Toll Free: (800) 463-9729    Fax: (613) 234-1097

Website: [www.camrt.ca](http://www.camrt.ca)

Newfoundland and Labrador Association of Medical Radiation Technologists

P.O. Box 29141, RPO Torbay Road

St. John's, NL A1A 5B5

Email: [association@nlamrt.ca](mailto:association@nlamrt.ca)

Website: [www.nlamrt.ca](http://www.nlamrt.ca)

## **Medical Laboratory Technologist**

### **Description of Work**

Medical laboratory technologists are important members of the health team because the practice of modern medicine relies increasingly on the availability of laboratory test data. Medical laboratory technologists are responsible for producing accurate and reliable laboratory results which are essential for the physician's diagnosis, monitoring and treatment of disease. Some of the procedures performed include analyzing blood, body fluids and tissues; preparing tissues for microscopic examination; performing blood counts; and, preparing for transfusions. These areas of testing are usually in specialty areas such as – Clinical Chemistry, Microbiology, Hematology, Transfusion Science, and Histology.

In many large hospitals, medical laboratory technologists will work in one of these specialties, while in smaller hospitals the work will be more diversified.

### **Educational Requirements**

College of the North Atlantic offers a program in Medical Laboratory Sciences. This is the required program to become a medical laboratory technologist. Applicants must complete a common first year, composed of the two-semester Medical Sciences I (General Studies) program at the College of the North Atlantic. Applicants are placed on an eligibility list. Students meeting academic entrance requirements are accepted on a first-come, first-serve basis. All admission requirements are outlined in the College of the North Atlantic academic calendar. Graduates may elect to further their studies and obtain a Bachelor of Technology degree from Memorial University.

Upon successful completion of the program, students are eligible to write examinations set by the Canadian Society for Medical Laboratory Science. Once certification is granted, individuals will then be permitted to obtain employment in this field throughout the province.

### **Combined Laboratory and X-Ray Technologist**

In rural areas, regional health authorities will typically hire a combined laboratory and X-ray technologist instead of both a medical laboratory technologist and diagnostic radiology technologist. A combined laboratory and X-ray technologist is a medical laboratory technologist who has been trained to perform both medical laboratory procedures and general diagnostic radiographic procedures. Medical laboratory technologists complete the X-Ray Skills for Medical Laboratory Technologists Program offered by the College of the North Atlantic in order to become combined laboratory and X-ray technologists. Candidates for the program must have a medical laboratory technologist diploma, proof of registration with the Canadian Society for Medical Laboratory Science, and must be employed with and sponsored by one of the four regional health authorities. The program consists of instructed learning components and clinical practicums.

### **Other Requirements**

Medical laboratory technologists are currently a designated health profession under the *Health Professions Act* and are required to register with the Council of Health Professionals of Newfoundland and Labrador in order to practice. The *Health Professions Act* may be accessed on the Newfoundland and Labrador House of Assembly website, [www.assembly.nl.ca](http://www.assembly.nl.ca).

**For Further Information, Contact:**

School of Health Sciences  
College of the North Atlantic  
P.O. Box 1693

St. John's, NL A1C 5P7

Tel: (709) 758-7636 Toll Free: (888) 982-2268

Fax: (709) 758-7643

Email: [info@cna.nl.ca](mailto:info@cna.nl.ca)

Website: [www.cna.nl.ca](http://www.cna.nl.ca)

Canadian Society for Medical Laboratory Sciences  
P.O. Box 2830, LCD 1, 33 Wellington Street North  
Hamilton, ON L8N 3N8

Tel: (905) 528-8642 Toll Free: (800) 263-8277

Fax: (905) 528-4968

Email: [info@csmls.org](mailto:info@csmls.org)

Website: [www.csmls.org](http://www.csmls.org)

# Respiratory Therapist

## Description of Work

Respiratory therapists use specialized knowledge and skills to diagnose, treat and promote the well-being of clients with cardio-respiratory and related disorders. A respiratory therapist can have an independent practice and/or be employed as a member of a health care team in a variety of medical settings including critical care, emergency, operating rooms, hyperbaric medicine and general therapeutics. Respiratory therapists often perform interventions which include the application of highly technical, life support equipment. In addition to clinical settings, respiratory therapists also work in diagnostic areas, rehabilitation, private sector home care, research and sales.

Respiratory therapists, in addition to hospital practice, may also move into other related areas of health care such as advanced techniques in pulmonary function; respiratory home care services; clinical perfusion; anaesthesia assistant; consulting services to industry, government or professional associations; health organizations; as well as, with research and development firms.

## Educational Requirements

College of the North Atlantic offers programs in respiratory therapy. Applicants must complete a common first year, composed of the two-semester Medical Sciences I (General Studies) program. Applicants are placed on an eligibility list. Students meeting academic entrance requirements are accepted on a first-come, first-serve basis. All admission requirements are outlined in the College of the North Atlantic academic calendar. Upon successful completion, students are eligible to write the Canadian Board for Respiratory Care (CBRC) examination.

## Other Requirements

Respiratory therapists are currently a designated health profession under the *Health Professions Act* and are required to register with the Council of Health Professionals of Newfoundland and Labrador in order to practice. The *Health Professions Act* may be accessed on the Newfoundland and Labrador House of Assembly website, [www.assembly.nl.ca](http://www.assembly.nl.ca).

## For Further Information, Contact:

School of Health Sciences  
College of the North Atlantic  
P.O. Box 1693  
St. John's, NL A1C 5P7  
Tel: (709) 758-7636    Toll Free: (888) 982-2268    Fax: (709) 758-7634  
E-mail: [info@cna.nl.ca](mailto:info@cna.nl.ca)  
Website: [www.cna.nl.ca](http://www.cna.nl.ca)

Newfoundland and Labrador Association of Respiratory Therapists  
Suite 133, Unit 50, Hamlyn Road Plaza  
St. John's, NL A1E 5X7  
Tel: (709) 777-5707    Fax: (709) 368-8830  
Email: [nlarrt@gmail.com](mailto:nlarrt@gmail.com)  
Website: [www.nlart.ca](http://www.nlart.ca)

# Magnetic Resonance Imaging (MRI) Technologist

## Description of Work

Magnetic resonance imaging (MRI) technologists ensure each individual's safety in the magnetic resonance environment. MRI technologists use their knowledge of anatomy, physiology and the principles of MRI to safely and efficiently operate MRI scanners, assisting in the diagnosis of disease and injury.

## Educational Requirements

There are six MRI technology education programs in Canada:

Cambrian College of Applied Arts & Technology, Ontario	Red River College, Manitoba
Fanshawe College of Applied Arts & Technology, Ontario	Northern Alberta Institute of Technology, Alberta
Mitchener Institute, Ontario	British Columbia Institute of Technology, British Columbia

There are no local training programs for MRI technologists within Newfoundland and Labrador. The Northern Alberta Institute of Technology (NAIT) offers the Magnetic Resonance first discipline program as well as a second discipline program. The majority of Newfoundland and Labrador students attend NAIT. Admission requirements for educational institutions are outlined in the specific university academic calendar. Graduates have to write the MRI National Certification Examination that is conducted by the Canadian Association of Medical Radiation Technologists.

## Other Requirements

MRI technologists must be a member of the Newfoundland and Labrador Association of Medical Radiation Technologists.

## For Further Information, Contact:

Newfoundland and Labrador Association of Medical Radiation Technologists  
P.O. Box 29141, RPO Torbay Road  
St. John's, NL A1A 5B5  
Email: [association@nlamrt.ca](mailto:association@nlamrt.ca)  
Website: [www.nlamrt.ca](http://www.nlamrt.ca)

Canadian Association of Medical Radiation Technologists  
1000 - 85 Albert Street  
Ottawa, ON K1P 6A4  
Tel: (613) 234-0012    Toll Free: (800) 463-9729    Fax: (613) 234-1097  
Website: [www.camrt.ca](http://www.camrt.ca)

# Diagnostic Ultrasonographer

## Description of Work

Diagnostic ultrasonographers use ultrasound equipment to transmit high frequency sound pulses through various parts of the body to produce and record diagnostic images. Ultrasound technology is used routinely for obstetrical, gynecological, abdominal, musculoskeletal, vascular and imaging procedures. A thorough knowledge of anatomy and physiology plus a high degree of technical skill are necessary for individuals employed in this area. Duties include: preparing patients for examinations; explaining the procedures; recording any additional medical history considered necessary; selecting equipment appropriate for use in ultrasound exams ordered by a physician; reviewing examinations to evaluate the quality and consistency of diagnostic images; and, adjusting the equipment as required.

## Educational Requirements

Students interested in the Diagnostic Ultrasonography program offered by College of the North Atlantic must have successfully completed an accredited program in medical radiography and possess current registration with the Canadian Association of Medical Radiation Technologists or the Canadian Society of Diagnostic Medical Sonographers. All admission requirements and campuses offering this program are outlined in the College of the North Atlantic academic calendar.

Once students have completed the program, they will be eligible to write the certification examinations set by the American Registry of Diagnostic Medical Sonographers and the examinations set by the Canadian Association of Registered Diagnostic Ultrasound Professionals.

## Other Requirements

Diagnostic ultrasonographers in Newfoundland and Labrador must be registered with the Canadian Society of Diagnostic Medical Sonographers or the Canadian Association of Medical Radiation Technologists for insurance purposes and for Registered Diagnostic Ultrasound Professionals.

## For Further Information, Contact:

School of Health Sciences  
College of the North Atlantic  
P.O. Box 1693  
St. John's, NL A1C 5P7  
Tel: (709) 758-7636    Toll Free: (888) 982-2268    Fax: (709) 758-7634  
E mail: [info@cna.nl.ca](mailto:info@cna.nl.ca)  
Website: [www.cna.nl.ca](http://www.cna.nl.ca)

American Registry of Diagnostic Medical Sonographers  
Plaza East One, 51 Monroe Street  
Rockville, MD 20850-2400  
Tel: (301) 738-8401    Toll Free: (800) 541-9754    Fax: (301) 738-0312  
Website: [www.ardms.org](http://www.ardms.org)

Canadian Association of Registered Diagnostic Ultrasound Professionals  
P.O. Box 119  
Kemptville, ON K0G-1J0  
Toll-Free: (877) 488-0788 Fax: (888) 743-2952  
Email: [info@cardup.org](mailto:info@cardup.org)  
Website: [www.cardup.org](http://www.cardup.org)

Canadian Society of Diagnostic Medical Sonographers  
PO Box 1220  
Kemptville, ON K0G 1J0  
Tel: (613) 258-0855 Toll Free: (888) 273-6746 Fax: (613) 258-0899  
Email: [info@csdms.com](mailto:info@csdms.com)  
Website: [www.csdms.com](http://www.csdms.com)

Canadian Association of Medical Radiation Technologists  
1000 - 85 Albert Street  
Ottawa, ON K1P 6A4  
Tel: (613) 234-0012 Toll Free: (800) 463-9729 Fax: (613) 234-1097  
Website: [www.camrt.ca](http://www.camrt.ca)



# Cardiology Technologist

## Description of Work

Cardiology technologists are involved in the performance of vital cardiac testing utilizing a wide range of sophisticated medical equipment essential for providing the cardiologist with valuable diagnostic information. Cardiology technologists are skilled in a variety of non-invasive diagnostic cardiology procedures, including electrocardiograms; exercise tolerance testing (physician supervised); ambulatory ECG monitoring; routing venipuncture; arrhythmia recognition; event monitoring; ambulatory ECG analysis; pacemaker assessment and programming; advanced exercise tolerance testing; advanced cardiac life support; pacemaker lead analysis on implant; advanced elective procedures; and basic auscultation. Students may choose areas of this program to add to their existing medical technology knowledge and skills, or entire certificate or diploma programs may be taken to gain employment in hospital cardiology departments, private physicians' offices and laboratories.

## Educational Requirements

Four educational institutions offer the Cardiology Technologist program in Canada:

British Columbia Institute of Technology, British Columbia	Everest College, Ontario
Mowhawk College of Applied Art and Technology, Ontario	Stenberg College, British Columbia

British Columbia Institute of Technology is the only institution to offer a distance-education diploma program in cardiology technology. The majority of Newfoundland and Labrador students attend this program. The program is offered through a combination of distance and on-line education either part-time or full-time. Part-time studies take approximately four years to complete whereas full time studies are completed in two years. All students have a maximum for five years to complete the program. All admission requirements are available online at the British Columbia Institute of Technology website.

Upon completion of the program, students are eligible to write the National Registration examinations set by the Canadian Society of Cardiology Technologists.

## Other Requirements

To practice in Newfoundland and Labrador, cardiology technologists must be registered with the Canadian Society of Cardiology Technologists and the Cardiology Technologist Association of Newfoundland and Labrador.

## For Further Information, Contact:

*Most Newfoundland and Labrador students attend this program:*

British Columbia Institute of Technology  
555 Seymour Street  
Vancouver, BC V6B 3H6  
Tel: (604) 434-1610    Toll Free: (866) 434-1610    Fax: (604) 431-6917  
Website: [www.bcit.ca](http://www.bcit.ca)

Canadian Society of Cardiology Technologists  
P.O. Box 3121  
Winnipeg, MB R3C 4E6  
Email: [info@csct.ca](mailto:info@csct.ca)  
Website: [www.csct.ca](http://www.csct.ca)

# Nuclear Medicine Technologist

## Description of Work

Nuclear medicine is the utilization of radioactive materials for the diagnosis and treatment of patients. Nuclear medicine technologists are responsible for performing diagnostic and therapeutic nuclear medicine procedures. They ensure optimum operation of all equipment used in the profession by the accurate implementation of a quality control program involving the assessment of radiation detection gamma cameras, computers, and other equipment used in the department. Adhering to radiation protection guidelines and proper radioactive agent preparation technique, and administering radioactive drugs and medicines to the patient by way of an intravenous injection is also the responsibility of nuclear medicine technologists. These professionals operate the radiation detection equipment that gives an assessment of the distribution of the radiopharmaceutical within the body, and then analyzes the data to obtain the best information from the study. Nuclear medicine technologists present information to the nuclear medicine physician for consultation, in order that the physician can provide a complete report of the findings to the patient's physician.

## Educational Requirements

Six educational institutions offer the nuclear medicine program in Canada:

Dalhousie University, Nova Scotia	Michener Institute, Ontario
University of New Brunswick, New Brunswick	Southern Alberta Institute of Technology, Alberta
Collège Ahuntsic, Québec	British Columbia Institute of Technology, British Columbia

Dalhousie University is the closest institute that offers a Bachelor of Health Science in Nuclear Medicine Technology which includes an eight-week clinical practicum in May and June in each of the first three years. All admission requirements are outlined in the Dalhousie University academic calendar.

## Other Requirements

In order to practice in Newfoundland and Labrador, nuclear medicine technologists must be a member of the Newfoundland and Labrador Association of Medical Radiation Technologists.

## For Further Information, Contact:

*Closest training program to NL:*

School of Health Sciences, Dalhousie University  
6th Floor, Bethune Building  
1276 South Park Street  
Halifax, NS B3H 2Y9

Tel: (902) 473-5510 Toll Free: (800) 370-4421

Fax: (902) 473-5115

Email: [health.sciences@dal.ca](mailto:health.sciences@dal.ca)

Website: <http://schoolofhealthsciences.dal.ca>

Newfoundland and Labrador Association of Medical Radiation Technologists  
P.O. Box 29141, RPO Torbay Road  
St. John's, NL A1A 5B5  
Email: [association@nlamrt.ca](mailto:association@nlamrt.ca)  
Website: [www.nlamrt.ca](http://www.nlamrt.ca)

# Radiation Therapist

## Description of Work

Radiation therapists are key members of the cancer treatment team. They use focused beams of radiation to destroy tumors while minimizing harm to healthy tissues. Radiation therapists are also involved in the treatment planning aspects of cancer therapy, such as performing pre-treatment planning computerized tomography scans; taking measurements; constructing and fitting immobilization devices; and, determining radiation doses. Radiation therapists also play an important role in counselling patients on the possible side effects of radiation treatment and providing advice on how to minimize them.

In Newfoundland and Labrador, radiation therapists are only employed with Eastern Health. Opportunities for growth may include clinical research, management, teaching, commercial sales and post-graduate studies.

## Educational Requirements

11 educational institutions offer the radiation therapist program in Canada:

University of New Brunswick, New Brunswick	Joint Michener Institute / Laurentian University, Ontario
Collège de Sainte-Foy, Québec	Joint Michener Institute / University of Toronto, Ontario
Dawson College, Québec	Saskatchewan School of Radiation Therapy (Saskatoon Cancer Centre and Allan Blair Cancer Centre) - Saskatchewan
Collège Ahuntsic, Québec	Alberta School of Radiation Therapy, Alberta
Mohawk-McMaster Institute, Ontario	British Columbia Institute of Technology, British Columbia
CancerCare Manitoba – Manitoba	

The Michener Institute for Applied Health Sciences in Toronto offers two radiation therapy programs: a three-year degree and advanced diploma program in association with the University of Toronto, and a four-year Bachelor of Science in Radiation Therapy collaboratively with Laurentian University. The majority of Newfoundland and Labrador students attend one of these programs.

The three-year program includes theory-based courses taught at both University of Toronto's downtown campus and at Michener Institute. Further information is available in the University of Toronto and Michener institute's academic calendars.

The four-year Bachelor of Science in Radiation Therapy program combines courses on the Laurentian University campus with discipline-specific courses offered through distance education from Michener Institute. During the second year of study, students complete a four-week clinical placement and an additional 42-week placement in the final year. All admission requirements are outlined in the Laurentian University academic calendar.

## Other Requirements

Radiation therapists are required to be licensed through the Canadian Association of Medical Radiation Technologists.

**For Further Information, Contact:**

*Most Newfoundland and Labrador students attend this program:*

Michener Institute for Applied Health Sciences  
222 St. Patrick Street  
Toronto, Ontario Canada M5T 1V4  
Tel: (416) 596-3101 Toll Free: (800) 387-9066  
E-mail: [info@michener.ca](mailto:info@michener.ca)  
Website: <http://www.michener.ca>

Dr. H. Bliss Murphy Cancer Centre  
300 Prince Philip Drive  
St. John's, NL A1B 3V6  
Tel: (709) 777-6480 Fax: (709) 777-0927  
E-mail: [info@nctrf.nf.ca](mailto:info@nctrf.nf.ca)

Canadian Association of Medical Radiation Technologists  
1000 - 85 Albert Street  
Ottawa, ON K1P 6A4  
Tel: (613) 234-0012 Toll Free: (800) 463-9729 Fax: (613) 234-1097  
Website: [www.camrt.ca](http://www.camrt.ca)

# **Electroneurophysiology Technologist**

## **Description of Work**

Electroneurophysiology technologists use a variety of techniques and equipment to record the electrical activity of the brain and nerves in order to test the integrity of the peripheral and central nervous systems. Electroneurophysiology technologists prepare patients for testing by explaining procedures and obtaining medical history. They operate and maintain neurodiagnostic testing equipment, and prepare information gained through testing for interpretation by physicians.

## **Educational Requirements**

British Columbia Institute of Technology offers a two-year Diploma of Technology in Electroneurophysiology. Students of the program receive training in different clinical areas, such as electroencephalography (EEG), electromyography (EMG), evoked potentials, and polysomnography. Applicants to the program must have graduated from high school. All admission requirements are available online at the British Columbia Institute of Technology website.

Upon successful completion of the program and a period of work experience, graduates of the program are eligible to write the Technologist Registration examinations of the appropriate certifying body in their chosen fields.

## **Other Requirements**

Electroneurophysiology technologists are required to be registered with the Canadian Board of Registered Electroneurophysiology Technologists.

## **For Further Information, Contact:**

British Columbia Institute of Technology  
555 Seymour Street  
Vancouver, BC V6B 3H6  
Tel: (604) 434-1610    Toll-Free: (866) 434-1610    Fax: (604) 431-6917  
Website: [www.bcit.ca](http://www.bcit.ca)

Canadian Association of Electroneurophysiology Technologists  
Website: [www.caet.org](http://www.caet.org)

***OTHER SERVICES***



# Medical Physicist

## Description of Work

Medical physicists are allied health care professionals that provide specialized training in the medical applications of physics. The work of a medical physicist uses x-rays, ultrasound, magnetic and electric fields, infra-red and ultraviolet light, heat and lasers in diagnosis and therapy. These health professionals play a critical role in the delivery of cancer care treatment. Medical physicist roles may be in areas such as radiotherapy and diagnostic imaging, with duties including treatment planning; radiotherapy machine design, testing, calibration, and troubleshooting; commissioning of machines and machine installation; and, implementation of new treatment modalities. They also participate in research and education.

## Educational Requirements

There are 17 graduate programs in medical physics in Canada:

Dalhousie University, Nova Scotia	McGill University, Québec
Laurentian University, Ontario	Université Laval, Québec
Carleton University, Ontario	University of Manitoba, Manitoba
University of Toronto, Ontario	University of Saskatchewan, Saskatchewan
McMaster University, Ontario	University of Calgary, Alberta
Queen's University, Ontario	University of Alberta, Alberta
Ryerson University, Ontario	University of British Columbia, British Columbia
University of Western Ontario, Ontario	University of Victoria, British Columbia
Université de Montréal, Québec	

There are no local training programs for medical physicists in Newfoundland and Labrador. Newfoundland and Labrador students completing a Master of Science in medical physics or PhD in physics are required to complete a two-year clinical residency to become eligible to write the national certification exam.

There are 10 residency training programs in Medical Physics in Canada:

British Columbia Cancer Agency, British Columbia	Cancer Centre of Southwestern Ontario, Ontario
Cancer Care Manitoba, Manitoba	Cross Cancer Institute, Alberta
Juravinski Cancer Centre, Ontario	London Regional Cancer Centre, Ontario
McGill University, Québec	Ottawa Hospital Regional Cancer Centre, Ontario
Tom Baker Cancer Centre, Alberta	University of Toronto, Ontario

## Other Requirements

Medical physicists are required to be licensed through the Canadian Organization of Medical Physicists.

**For Further Information, Contact:**

*Closest training program to NL:*

Department of Physics and Atmospheric Science, Dalhousie University  
6310 Coburg Rd. PO Box 15000  
Halifax, NS B3H 4R2  
Tel: (902) 494-2211  
Website: [www.dal.ca](http://www.dal.ca)

Canadian Organization of Medical Physicists  
P.O. Box 72024, RPO Kanata North  
Kanata, ON K2K 2P4  
Tel: (613) 599-3491 Fax: (613) 435-7257  
Website: [www.medphys.ca](http://www.medphys.ca)

# Paramedic

## Description of Work

Paramedics are health care professionals who provide emergency medical services in the community. They initiate medical treatment for individuals in crisis situations and deliver pre-hospital medical services to the public. Paramedics must be able to assess the situation and provide the appropriate care.

## Educational Requirements

College of the North Atlantic offers a 37-week Primary Care Paramedicine program which includes three work placements totaling 17 weeks. Students can apply to the program after having completed high school, the Comprehensive Arts and Science (CAS) Transition program, or the Adult Basic Education program. All admission requirements are outlined in the College of the North Atlantic academic calendar along with all campuses offering this program.

Corona College's Primary Care Paramedic program is designed to give students the educational and hands-on training needed to become proficient in this challenging position to deliver pre-hospital care. This is a 44-week course that includes a 16-week work placement. For more information on admission requirements, contact Corona College.

Eastern Health is moving towards hiring only advanced care paramedics. The Advanced Care Paramedicine program is completed through Holland College in Prince Edward Island and prepares primary care paramedics with an advanced scope of practice. This program is available in two formats: in-classroom or via distance education.

## Other Requirements

All paramedics in Newfoundland and Labrador must be registered with the Provincial Medical Oversight Department of Eastern Health. Paramedics must also have a Class 4 driver's license, which can be obtained from a Provincial Motor Vehicle Registration Office.

## For Further Information, Contact:

School of Health Sciences  
College of the North Atlantic  
P.O. Box 1693  
St. John's, NL A1C 5P7  
Tel: (709) 758-7636    Toll Free: (888) 982-2268    Fax: (709) 758-7634  
Email: [info@cna.nl.ca](mailto:info@cna.nl.ca)  
Website: [www.cna.nl.ca](http://www.cna.nl.ca)

Corona College  
32 Queensway Business Park  
Grand Falls-Windsor, NL A2A 2J3  
Tel: (709) 489-7825    Toll Free: (888) 926-7662    Fax: (709) 489-5001  
Email: [admin@coronacollege.com](mailto:admin@coronacollege.com)  
Website: <http://www.coronacollege.com/>

Holland College  
Admissions Office  
140 Weymouth Street  
Charlottetown, PEI C1A 4Z1  
Tel: (902) 629-4217    Toll Free: (800) 446-5265    Fax: (902) 629-4239  
Email: [info@hollandcollege.com](mailto:info@hollandcollege.com)  
Website: [www.hollandcollege.com](http://www.hollandcollege.com)

Provincial Medical Oversight  
Room SM 343, St. Clare's Mercy Hospital  
154 LeMarchant Road  
St. John's, NL A1C 5B8  
Tel: (709) 777-5209    Fax: (709) 777-5940  
Email: [pmo@easternhealth.ca](mailto:pmo@easternhealth.ca)

# Rehabilitation Assistant

## Description of Work

Rehabilitation assistants are members of the health care team who work under the supervision of, and in collaboration with, occupational therapists and physiotherapists and carry out the treatment plans which have been designed for the clients by occupational therapists or physiotherapists. Rehabilitation assistants work with individuals, families, or groups in a variety of settings, including rehabilitation facilities, hospitals, long-term care facilities, community settings, and private practices.

## Educational Requirements

College of the North Atlantic offers a two-year Rehabilitation Assistant (Occupational Therapist Assistant and Physiotherapist Assistant) diploma program through distance education. Students can apply to the program from high school, through the Comprehensive Arts and Science (Transition) program, from the Adult Basic Education (ABE) program, or with mature student status. All admission requirements are outlined in the College of the North Atlantic academic calendar.

Graduates of College of the North Atlantic's Occupational Therapist Assistant or Physiotherapist Assistant program who wish to receive dual certification may apply to the fourth semester of the Rehabilitation Assistant (OTA and PTA) program.

## Other Requirements

Rehabilitation Assistants do not require a license to practice in Newfoundland and Labrador.

## For Further Information, Contact:

School of Health Sciences  
College of the North Atlantic  
P.O. Box 1693  
St. John's, NL A1C 5P7  
Tel: (709) 758-7636    Toll Free: (888) 982-2268    Fax: (709) 758-7634  
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## *ADDITIONAL CONTACTS*

*For additional information on health careers, please contact:*

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