

DIAGNOSTIC MEDICAL SONOGRAPHY (probationary) Diploma Program

A GREAT CAREER AWAITS YOU

Are you fascinated by the inner workings of the human body? Consider becoming a Sonographer. The sonography program is a 20-month (5 Term) program providing didactic and clinical education in abdominal, obstetrical, gynecologic and musculo-skeletal specialty areas with a limited study of vascular sonography. Program participants can expect substantial off-campus study and preparation for classroom lecture and lab exercises.

Clinical education occurs at partnering medical centers and medical clinics throughout Ontario.

Upon completion of the program, graduates are eligible to sit for the Canadian Association of Registered Diagnostic Ultrasound Professionals (CARDUP) national registry examinations for Generalist Sonography.

POTENTIAL CAREERS

- Regional Health Authorities (Hospital, Clinics)
- Private Clinics
- Research Centres

POTENTIAL EARNINGS

- \$ 68,000 –86,000 per year

CONTACTS US

Admissions Director
Ottawa Campus: 613.726.(CNIH) 2644 ext 27
1.866.726..(CNIH) 2644 ext 27

For more information visit our Web Site at: www.cnih.ca

NOTE:

The Diagnostic Medical Sonography program is a selective admissions, limited enrolment program. Students must be prepared for rigorous coursework, and must meet all prerequisites before continuing in the program.

Probationary:

In order to assess the quality and delivery of an educational program, the CMA Conjoint Accreditation Service requires the program to be running and have students enrolled during the accreditation process. The Diagnostic Medical Sonography Program at the Canadian National Institute of Health is a Ministry of Training, Colleges and Universities approved program until it obtains accreditation status from the Canadian Medical Association (CMA).



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Receive updates about the program and connect with other students at :
facebook.com/pages/CNIH-Canadian-National-Institute-of-Health





DIAGNOSTIC MEDICAL SONOGRAPHY

Diagnostic medical sonography (also known as diagnostic ultrasound technology) is a dynamic medical imaging profession. It involves scanning the human body with high frequency sound and plays a critical role within the health care system by providing physicians with key information that enables the diagnosis and treatment of a wide variety of conditions. A sonographer uses a number of imaging procedures to facilitate the observation of body organs, tissues and blood flow for the identification and assessment of a variety of medical conditions. In order to become a sonographer in Canada, it is necessary to pass a certifying exam through the Canadian Association of Registered Diagnostic Ultrasound Professionals (CARDUP).

A diagnostic medical sonographer works as a member of the health care team to facilitate diagnoses and contribute to overall care. The sonographer performs ultrasound examinations, which can be done on almost every area of the body. Areas of particular interest include the abdomen, the pregnant and non-pregnant female pelvis, the vascular system, and the heart. One of the most fascinating uses of diagnostic ultrasound is the examination and evaluation of the fetus.

This program is designed to prepare the student for employment as a diagnostic medical sonographer (generalist). The sonographer will become skilled through academic and clinical training to perform ultrasound examinations under the supervision of a qualified physician.

JOB RESPONSIBILITIES FOR A DIAGNOSTIC MEDICAL SONOGRAPHER GENERALLY INCLUDE:

- Performing diagnostic scanning procedures;
- Patient care;
- Creating technical reports and consultation with other health professionals

REQUIREMENTS FOR A CAREER AS A SONOGRAPHER:

- A high degree of technical skills;
- Exceptional interpersonal and communication skills;
- Ability to problem solve in a clinical environment;
- Excellent hand-eye coordination; and
- Strength, especially in the upper body and back.



2012-13 ENROLLMENT PACKAGE



DIAGNOSTIC MEDICAL SONOGRAPHY ADMISSIONS

It starts here!

Get the inside scoop on everything CNIH has to offer when you talk to one of our admissions representatives. Their expert advice will make the process a breeze.

ADMISSIONS REQUIREMENTS

- High School Diploma or equivalent
- English, Grade 12 (or equivalent with a grade of 60% or higher).
- If English is the second language for the applicant, a test of English as a foreign language score must be provided: TOEFL, IELTS or CAEL score or other standard English test score (with a grade of 60% or higher)
- Mathematics, Grade 12 with a minimum of 70% or higher
- Biology, Grade 12 (or equivalent with a grade of 70% or higher)
- Physics Grade 12 (or equivalent with a grade of 70% or higher)
- Admission Entrance Exam (covering English, Math, Chemistry, Biology, Physics and Spatial Reasoning)
- Interview

ADMISSIONS PROCESS

Required to apply:

- 1) Completed application form (attached)
- 2) Copy of transcripts

To become enrolled:

- 3) Write entrance exam (with a grade of 60% or higher).
Note: \$150.00 examination fee to be paid prior to testing.
- 4) Interview with Office of Admissions

Required 30 days prior to first day of class:

- 1) A physician's note (attached)
- 2) A police records check for service with the vulnerable sector (please provide a copy)* Agencies that provide placement opportunities require you to have a clear Police Records Check for Service with the Vulnerable Sector (PRCSVS). It is your responsibility to obtain the PRCSVS from your local Police Department prior to the deadline identified by your Department and to pay any associated costs. It may take a long time to obtain this documentation; please submit your application as early as possible.
- 3) A Standard First-Aid / CPR Basic Rescuer Level C certification (please provide a copy)*

* Must maintain current certification throughout the 20 month Diagnostic Medical Sonography program.

2012-13 ENROLLMENT PACKAGE

TUITION

Tuition Fees

Choosing to get an education is one of the most important decisions anyone can make. Planning ahead is equally important in a student's journey. We've put together cost of attendance in order to help students calculate costs and plan ahead.

The Diagnostic Medical Sonography Program **all inclusive tuition fee** is **\$40,180.00** for students in 2012.

This tuition fee includes textbooks, supplies and uniforms.
The majority of all fees are eligible for tuition tax credits. The total fee may be paid in 3 installments.

First - A seat deposit of \$4,000.00 is required to reserve your seat. This payment is due within 30 days after receiving an Offer of Admission letter and package from CNIH.

Second - The first half tuition payment (\$16,450.00) is due 30 days prior to the start of your program.

Third - Your final tuition paid in 12 equal installments of (\$1644.00) is due on the first of every month.

Cost of Attendance include the following components:

The Diagnostic Medical Sonography Program all inclusive tuition fee is \$40,180.00 for students in 2012.
The breakdown of these fees include the following:

Tuition and Fees:	\$38,000 .00
Books:	\$1,650.00
Expendable Supplies:	\$180.00
Uniforms and Equipment:	\$350.00
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	\$40,180.00

Students are expected to spend 8 months in a clinical practicum in a variety of locations. CNIH will make every attempt to locate students in placements of their choosing. Students are responsible for their own transportation to and from placements and for the costs of relocation including travel and accommodation.



FINANCING

CNIH is not affiliated with Provincial or Federal Student Loan programs, however, we have an excellent business relationship with the Royal Bank of Canada (RBC) where they offer a Students Professional Designation Program to finance your education.

The RBC Royal Bank Credit Line for Students Professional Designation Program offers students pursuing select degrees the flexibility of a revolving credit facility with greater limit than a traditional Student Credit Line. The following program, designed especially for students of the Canadian National Institute of Health enrolled in the Dental Hygiene Program provides the funding needed to complete the program with minimal interest costs while offering adaptable payment schedule and convenient access to funds.

LIST OF SUBJECTS AND SEQUENCING

TERM (1) ONE

AHS 101	Anatomy and Physiology	Admission to Program
AHS 102	Medical Terminology	Admission to Program
AHP 101	Communications & Professional Development	Admission to Program
DMS 101	Foundations of Sonography	Admission to Program
DMS 102	Sonographic Appearance of Normal Anatomy	Admission to Program
DMS 103	Cross Sectional Anatomy	Admission to Program
DMS 104	Introduction to Physics in Sonography I	Admission to Program
AHS 151	Infection Prevention and Control	Admission to Program
DMS 105	Scan Lab I	Co-Requisites: All Sem. 1 DMS Courses

Term (2) Two

AHP 151	Professional Practice in Patient Care	AHP 101
AHP 152	Medical Ethics	AHP 101
DMS 151	Pelvic Sonography & Pathology	DMS 102, DMS 103
DMS 152	Abdominal Sonography & Pathology	DMS 102, DMS 103
DMS 201	Normal Obstetric Sonography	DMS 151
DMS 153	Physics in Sonography II	DMS 104
DMS 154	Scan Lab II	Co-Requisites: All Sem. 2 DMS Courses
DMS 202	High Resolution Imaging	DMS 102, DMS 103,
VAS 201	Essentials of Vascular Sonography	DMS 103

Term (3) Three

DMS 203	Interventional Sonography	DMS 103, DMS 151, DMS 152
DMS 204	Pediatric Sonography	DMS 102, DMS 103, DMS 151, DMS 152
DMS 251	Abnormal Obstetric Sonography	DMS 201
DMS 252	Musculoskeletal Ultrasound	DMS 152
DMS 253	Comprehensive Physics Registry Review	All Level 1 & Level 2 Courses
DMS 254	Comprehensive Abdomen & Superficial Structures Registry Review	All Level 1 & Level 2 Courses
DMS 255	Comprehensive OB/GYN Registry Review	All Level 1 & Level 2 Courses
VAS 251	Vascular Sonography	DMS 103, DMS 202, DMS 205, VAS 201
DMS 256	Scan Lab III	Co-Requisites: All Sem. 4 DMS Courses

Term (4&5) Four and Five

DMS 301	Clinical Practicum 1 (16 weeks)	All Level 1 & Level 2 Courses
DMS 302	Clinical Practicum 2 (16 weeks)	All Level 1 & Level 2 Courses, DMS 301

LEARNING FACILITIES

CNIH is an 11,847 sq/ft facility that has been designed for teaching, laboratory, simulation and clinical activities. Low student to resource ratios ensure adequate physical facilities, faculty members, support staff, equipment, clients and patients for knowledge and skill development.

The classroom and theory portions of the programs are held in three (3) classrooms, a library and computer lab which totals approximately 5,500 sq/ft. This student space is complimented by a large student lounge (with refrigerators, microwaves and other kitchen facilities) and a public cafeteria in the building.

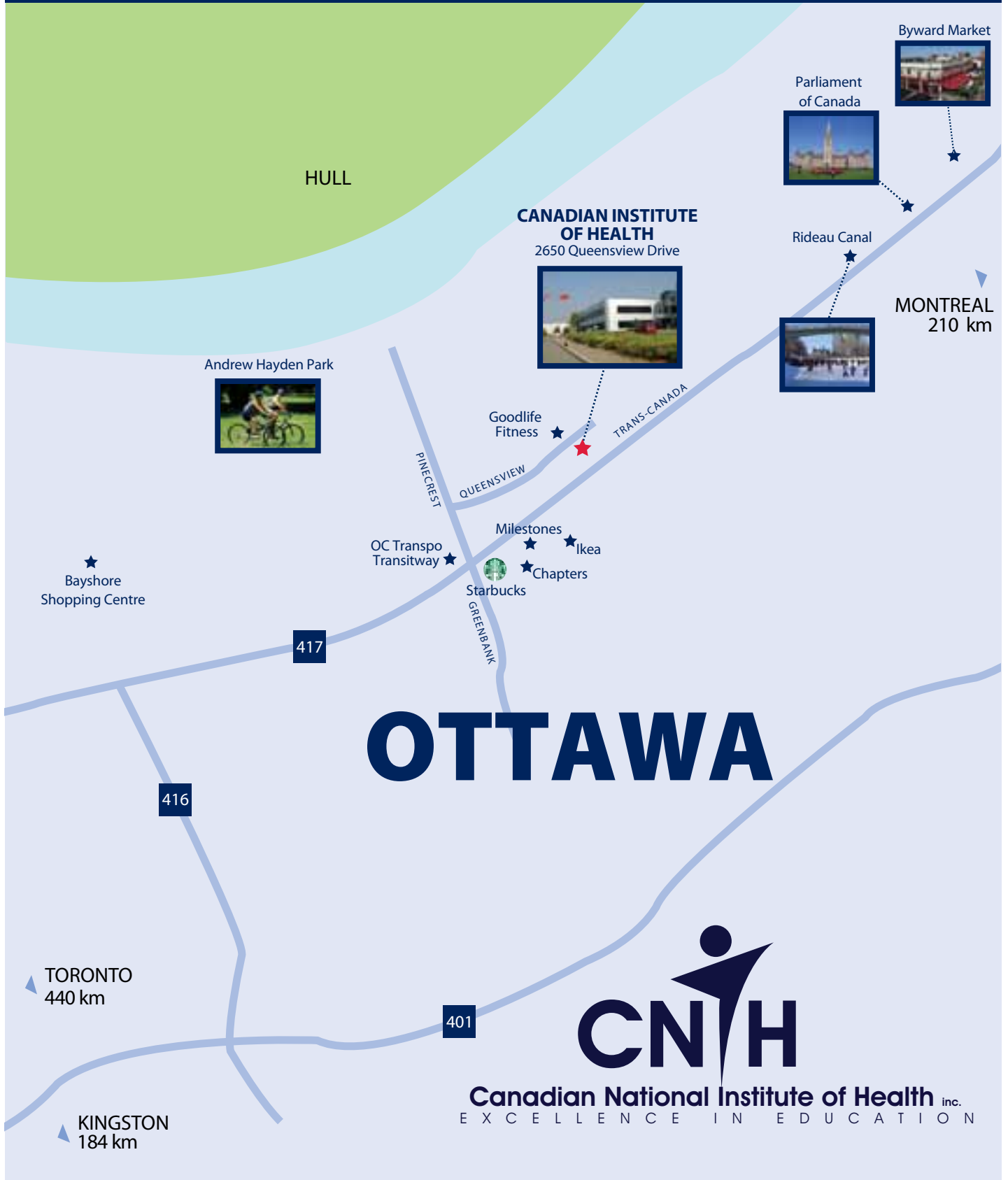


Lab and clinical activities are held in the remaining space. This space includes:

- Ultrasound Lab with 4 scanning bays.
- Multi-purpose lab
- Sterilization area and clinical supplies dispensary.
- Male and female locker rooms & washrooms



CNIH Location



APPLICATION FORM

Application Date: (mm/dd/yyyy) _____/_____/_____

Applicant Information (Please print or type): Sex: Male Female

 First Name Middle Name Last Name Other Name

 Social Insurance Number Passport Number (if applicable) Country of Birth

Home Address: _____
 Number Street Apt. City Province Country Postal Code

Mailing Address: _____
 Same as above Number Street Apt. City Province Country Postal Code

Home Phone (____) _____ Work Phone (____) _____ ext: _____

Cell Phone (____) _____ Fax (____) _____

E-Mail 1: _____ E-mail 2: _____

Date of Birth: _____/_____/_____
 MM DD YYYY

Status in Canada: Canadian Citizen Landed Immigrant Visa- Student Other _____

Are you employed? Yes No If Yes, your occupation & employer: _____

Do you have finances available for your education? Yes No

Do you plan to work while attending school? Yes No

Education Background:
 Previous schools attended: (Please attach a copy of your transcript & diploma):

SCHOOL NAME	SCHOOL ADDRESS	FROM-TO	DEGREE EARNED/ANTICIPATED



APPLICATION FORM (continued)

Current English Level (If English is not your first language)

TOEFL Score: ____ IELTS Score: ____ CAEL Score: ____ or other standard English test score, specify: ____

Program Applying for: **Diagnostic Medical Sonography Enrolment:** September 2012

*Referral Information: Student Name _____ E-mail: _____

*For the student to receive recognition as a referral, you must provide their name and email address.

Emergency Contacts:

Please provide the names of two individuals we may contact in case of emergency:

Name: _____

Address: _____
Number Street Apt. City Province Country Postal Code

Telephone 1: _____ Telephone 2: _____ E-mail: _____

Name: _____

Address: _____
Number Street Apt. City Province Country Postal Code

Telephone 1: _____ Telephone 2: _____ E-mail: _____

Please read carefully:

I certify that the information on this application is accurate and complete, and I understand that all required credentials must be submitted before an admissions decision will be made. I understand that it is my responsibility to ensure all supporting documentation has been submitted to the school. I authorize CNIH to maintain all my records and understand that these records that have been received by CNIH in support of my application will become the property of CNIH and may not be reproduced or returned.

Date

Applicant's Signature

PHYSICIAN NOTE

(Due 30 days prior to class start)

To: Canadian National Institute of Health Inc.

This note is to state that _____

- Has had all required immunizations for Hepatitis B.
- Has appointments scheduled (as below) for Hepatitis B

Date(s) of appointments

- Has had a clear Mantoux test (within the last 6 months) or a clear chest x-ray (within 3 months including no TB involvement

Date of test and of x-ray

- Has had Tb, Polio (date of last booster within 10 years)
- MMR
- Seasonal flu shot (current year)
- Negative TB screening
- Varicella (history of disease, serology or vaccine)
- Is in good physical and mental health with no known barriers to enrolling in a Diagnostic Medical Sonography program.

Signature of Physician _____

Please print name: Dr. _____

Physician Office Phone Number: (____) _____

Signature of applicant to state that the physician noted above has the applicant's permission to provide these details to Canadian National Institute of Health Inc. for use in its admission process.

Signature of Applicant

Date signed (mm/dd/yyyy)