Faculty of Medicine
Postgraduate Clinical Training Program

Memorial University of Newfoundland
and Affiliated Hospitals
COASTLINE AT CAPE SPEAR, THE MOST EASTERN POINT OF LAND IN NORTH AMERICA, LOCATED NEAR ST. JOHN'S, THE CAPITAL CITY OF NEWFOUNDLAND
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Credits

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FOREWORD

The Faculty of Medicine of Memorial University of Newfoundland and the hospitals affiliated with it have cooperated in the preparation of this brochure which provides general information relative to the approved internship and residency programs.

Residency programs are coordinated by the Postgraduate Medical Studies Committee and meet the standards established by the Royal College of Physicians and Surgeons of Canada and the College of Family Physicians of Canada.

The internship year is directed by the Intern Coordinator with the assistance of the Internship sub-Committee. Every effort is made to permit flexibility within the accreditation guidelines to meet individual needs and aspirations.

Graduate degree programs leading to the M.Sc. or Ph.D. degree in clinical and basic science areas are also offered within the Faculty of Medicine. These provide special opportunities to individuals with interest in an academic career.

The affiliation with a number of urban and rural hospitals has been highly successful in that it provides experience in tertiary level medical care and in medicine as practiced in the community at large.

All interns, residents, and clinical fellows are registered postgraduate medical students at Memorial University. The staff of the Faculty of Medicine and the affiliated hospitals fully recognize their responsibility and are dedicated to the development and maintenance of an outstanding postgraduate medical program.

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Assistant Dean  
Postgraduate Medical Studies
NEWFOUNDLAND'S PAST

Archeologists have established that Newfoundland was visited by adventurous Vikings as early as 1000 A.D. However, history still credits the discovery of Newfoundland to John Cabot, who sailed under the Royal Charter of Henry VII and landed here June 24, 1497. In 1583, Sir Humphrey Gilbert formally took possession of Newfoundland for Queen Elizabeth I. As Britain’s oldest colony, Newfoundland remained a separate Dominion until April 1, 1949 when it became Canada’s tenth province.

By the time Gilbert visited St. John’s, the port town had been a busy summer fishing station for almost half a century. The superbly sheltered deep water harbor surrounded by steep slopes made access difficult by land or sea. This contributed greatly to its colorful, embattled history in which it has survived the depredations of pirates and privateers and successive attack by English and French forces which won and lost the town several times until it was permanently re-occupied by the British in 1762.
THE PRESENT

The island of Newfoundland (43,000 square miles) and the portion of Labrador which belongs to this province (110,000 square miles) has a combined population of 582.9 thousand. (1980 Statistics Canada).

Modern St. John's, the provincial capital, has a metropolitan population of approximately 150,000 and offers a broad range of cultural, religious, educational, sporting, and shopping facilities.

For instance, the Arts and Culture Centre has an excellent 1,017 seat main auditorium which hosts internationally acclaimed artists as well as the many events organized locally by theatre and music groups, including the Newfoundland Symphony Orchestra. A 100 seat Basement Theatre caters to young people's and experimental theatre groups. The Centre also houses the city's main reference and lending library, art galleries, and a busy crafts complex.

St. John's has excellent facilities for many sports including an Olympic standard aquarena for swimming, water polo, and diving; courts for squash, tennis and handball; bowling alleys, soccer pitches, baseball diamonds, stadia for ice hockey, skating, and curling, an 18-hole golf course, and many private and public clubs with various facilities and public parks with play equipment.

Because of its geographic location, St. John's (and most of the island part of the province) enjoys a temperate maritime climate with relatively mild winters and cool summers. It is situated within easy access of an open and majestic maritime environment enjoyed by fishing, sailing and boating enthusiasts, hikers, cross country and downhill skiers, hunters and nature lovers. Modern shopping malls, as well as the older downtown stores, supply St. John's and environs with goods from most world markets. Labrador has short hot summers and very cold winters and some of the most magnificent scenery in the world.

Provincial elementary and secondary education is conducted for the most part in large, modern schools, many with religious affiliation. Post-secondary education is obtained at The College of Fisheries, Navigation, Marine Engineering and Electronics in St. John's; The Colleges of Trades and Technology throughout the Province; Memorial University of Newfoundland (MUN), St. John's; and the Sir Wilfred Grenfell Regional College in Corner Brook on the West coast of the Province.
St. John's Aquarena, adjacent to MUN's campus.

MUN...at Winter's Command.
St. John's Arts and Culture Centre on MUN's campus.

MUN's Marine Science Research Laboratory, Logy Bay, six miles northeast of St. John's.
MEMORIAL UNIVERSITY OF NEWFOUNDLAND

Memorial University College was established in 1925, raised to the status of a degree-granting university in 1949 and in its three-semester system has an annual enrollment of about nine to ten thousand students. It has faculties of arts, science, education, engineering and applied science and medicine, schools of business administration and commerce, graduate studies, nursing, social work, physical education and athletics; ten special divisions and a comprehensive off-campus Extension Service which offers a myriad of non-credit courses, plus a Division of Part-time Credit Studies. There is a regional College in Corner Brook, the province's second largest city.
THE MEDICAL SCHOOL

On June 16, 1973, the first students to graduate from Canada's 16th medical school were awarded the M.D. degree by Memorial University of Newfoundland. The 23 people in the class of '73 embodied the culmination of several years study and planning by university representatives, provincial and federal government groups and two Royal Commissions on Health Services. The Medical School was established in 1967, the first undergraduates were admitted in 1969; prior to that intern and specialist training had been offered only in a few Newfoundland hospitals.

MUN's Medical School now graduates about 56 M.D.'s per year. Entrants must have at least 20 credits in a science related field; most have at least one degree. At the end of the second year of Medical School the Bachelor of Medical Science degree (B.Med.Sc.) is awarded, the M.D. after four years.

The Medical School does not have a departmental structure. Its three divisions — Basic Medical Sciences, Community Medicine and the Behavioural Sciences, and Clinical Sciences — are structured so that there is optimal opportunity for an interdisciplinary approach in teaching and research.

The Medical School also has fully accredited programs for residents and interns, facilities for graduate work at the Master's, Doctorate and post-Doctorate levels, major interdisciplinary research teams in such areas as microbiology, immunology, epidemiology, and genetics and is actively involved in continuing medical education courses.

The Medical School is now formally affiliated with 12 teaching hospitals, five of which are in St. John's. It also has close liaison with a number of other regional and small "cottage" hospitals which give residents, interns, and undergraduates access to primary care situations not usually available in larger areas. Interns and residents may be assigned to any of these affiliated institutions for portions of their training.

The School is administered by the Dean of Medicine, an Associate Dean for each of its three divisions, and by Assistant Deans for the Offices of Continuing Medical Education, Undergraduate Medical Studies, and Postgraduate Medical Studies.

The University assists with the organization of Basic Science Seminars with clinical application, and also sponsors distinguished visiting lecturers from various parts of the world. The office of Continuing Medical Education organizes regular courses and symposia which are open to interns, residents, and fellows. Suitably qualified residents may undertake studies leading to the M.Sc. and Ph.D. degrees in the Faculty of Medicine.

Providing credentials are acceptable to the Faculty Graduate
Studies Committee, it is possible for a resident to use one year of the four-year residency toward a graduate degree.

For a graduate calendar with detailed information on the Faculty and University regulations governing study for the M.Sc. and Ph.D. degrees and application forms, please write to: Secretary, Graduate Studies Committee, Faculty of Medicine, Memorial University of Newfoundland, St. John's, Newfoundland, A1B 3V6.
ELIGIBILITY:

REQUIREMENTS FOR PRE-REGISTRATION PROGRAM
CANADIAN INTERN MATCHING SERVICE (CIMS)

The matching service is a clearing house designed to help final year medical students obtain the internships of their choice, and to help hospitals and internship program directors obtain the students of their choice. It provides an orderly method for students to decide where to intern and for hospitals to decide which applicants they wish to enroll. For both students and program directors, it removes the factors that generate unfair pressures and premature decisions.

The CIMS is operated by the Association of Canadian Medical Colleges (ACMC). Policy is under the control of an Advisory Committee on which seven national medical organizations directly involved in medical education are represented.

All Memorial University students who will be taking their pre-registration year of training at MUN must join the Canadian Intern Matching Service. The CIMS brochure and relevant documents for participation in the matching program are distributed in June through the Undergraduate Medical Studies Office.

The Education Commission for Foreign Medical Graduates (ECFMG) Certificate will no longer be accepted for registration with the CIMS. Exempt from the requirement of success in the Medical Council of Canada Evaluating Examination (MCCEE) are graduates of medical schools in the United States of America which have been accredited by the Liaison Committee on Medical Education.

Information on and applications for the evaluating examination are available from most Canadian Employment and Immigration Commission posts outside of Canada and from each of the Provincial Medical Councils for residents of Canada.

Further information is available from:
Canadian Intern Matching Service
151 Slater Street
Ottawa, Ontario K1P 5H3

OR

Medical Council of Canada
1867 Alta Vista Drive
Box 8234
Ottawa, Canada K1G 3H7

ENTRANCE REQUIREMENTS FOR FOREIGN MEDICAL GRADUATES

After December 1981, graduates of foreign medical schools are required to have the Medical Council of Canada Evaluating Examination
Certificate before an application for internship or residency can be considered. Exempt from this rule are graduates from any medical school in the United Kingdom, Republic of Ireland, Australia, New Zealand, South Africa, and the United States of America.

Medical graduates of the United Kingdom, the Republic of Ireland, Australia, New Zealand and South Africa are not required, at the present time, to possess either the evaluating examination or the ECFMG Certificate.

LICENSURE

All interns, residents, and fellows are required by law in the Province of Newfoundland to be registered on the Educational or Provisional Register with the Newfoundland Medical Board or to possess a full license to practice in Newfoundland.

All trainees in Memorial University clinical programs must hold either temporary medical registration or full license to practice with the Newfoundland Medical Board. (1) Graduate physicians and students from foreign medical schools, should request a board ruling on eligibility to enter a training program within the jurisdiction of the Newfoundland Medical Board. (2) Undergraduate students of Canadian and U.S. medical schools will apply for this after appointment to a Memorial University internship.

Medical registration with the Board must be renewed annually.

Provincial Medical Board of Newfoundland
Newfoundland Medical Board
47 Queen’s Road
St. John’s, Newfoundland
A1C 2A7

UNIVERSITY REGISTRATION

All interns, residents, and fellows (not registering with Graduate Studies for an M.Sc. or Ph.D. degree) are required to register as postgraduate students in the Faculty of Medicine. This is done through the Student Affairs office at the Health Sciences Centre. The present registration fee is $50 plus a $5 Student Union Fee and is payable prior to the commencement of the program.
MEMORIAL UNIVERSITY'S INTERNSHIP PROGRAM

Memorial University’s Internship Program leads to licensure or into residency programs here or elsewhere. The program is approved by all accrediting bodies: National Joint Committee on Approval of Pre-Registration Physician Training Programs, The Royal College of Physicians and Surgeons of Canada, Liaison Committee on Medical Education and the Committee on Accreditation of Canadian Medical Schools. The General Medical Council of Great Britain approves the pre-registration year, but permission must be obtained first from the University or Institution which granted the medical degree.

The internship begins in mid-June with a two-day orientation which includes a basic cardiopulmonary resuscitation course if the intern does not already have this training. The rotations include eight weeks medicine, eight weeks surgery, eight weeks obstetrics/gynecology, eight weeks pediatrics and four weeks psychiatry. Interns who require an additional four weeks for licensure purposes can use an elective block. This must be consecutive with the first four weeks.

In addition there are eight weeks of elective experience in a wide variety of clinical or research activities. This elective experience could range from nuclear medicine in The General Hospital at the Health Sciences Centre, St. John’s, to a supervised month in a remote (or not so remote) Cottage Hospital within the well known rural Newfoundland Cottage Hospital system.

The rotating internship is a preparation for entry to the residency program at MUN or elsewhere or entry to the Provincial government’s salaried rural Cottage Hospital system on contract for one year or more. It is accepted by most Licensing Bodies across Canada for general and family practice.

During the internship year, all rotating interns can expect to rotate through most of the affiliated teaching hospitals in St. John’s. A few will rotate to the Charles S. Curtis Memorial Hospital in St. Anthony. Each applicant should be prepared to rotate outside St. John’s, for a four to eight week period, since the out-of-town rotations are a very special part of the internship program.

A Modified Rotating internship with major emphasis in a particular area may be provided in special circumstances for candidates who have completed a Canadian clerkship. Interns who undertake a program other than a traditional rotating internship should ensure that the program is acceptable to the licensing authorities in the province where they plan to practice.

Straight Internships are offered in medicine, for those who have completed a Canadian clinical clerkship. This "straight" is designed to meet the needs of graduates who plan to continue in this specialty and other specialties where the Royal College recognizes a straight
internship as one of the core years of residency training leading towards certification.

Family Practice offers a program leading to certification by the College of Family Physicians of Canada. It is a composite two year program which has been developed with an attempt to use the unique characteristics of the province to achieve its major goals.

EVALUATION OF THE PROGRAM

During the year, the interns evaluate each part of the program. This is a most important responsibility and each successful applicant agrees to participate in this evaluation process.

EVALUATION OF INTERN PROGRESS

At the end of each rotation, the intern's progress is evaluated by the teaching staff, discussed with the interns, and a report forwarded to the Postgraduate Medical Studies Office as part of the permanent record. Should any intern have difficulty with any particular part of the program, tutorial help will be provided. Evaluation will not only be of knowledge, but also of problem solving ability and ethical qualities.

A certificate of training is issued upon satisfactory completion of the program.

APPLICATION

Application forms may be obtained by writing to:
The Office of Postgraduate Medical Studies
Memorial University of Newfoundland
St. John's, Newfoundland
Canada
A1B 3V6
RESIDENCY TRAINING PROGRAMS

The Residency Training Programs offered within the hospitals formally affiliated with Memorial University are approved by The Royal College of Physicians and Surgeons of Canada. Each of the programs is supervised by a Residency Program Director and a committee responsible for the conduct of the program. Overall policy is developed by a Postgraduate Medical Studies Committee, membership of which includes intern coordinator, discipline chairpersons, representatives of hospital administration, and representatives of interns and residents.

APPROVED PROGRAMS.

Anesthesiology
Family Practice
Gastroenterology
Medicine
Neurology*
Obstetrics/Gynecology
Orthopedics
Pathology
Pediatrics
Psychiatry
Diagnostic Radiology
Rheumatology*
Surgery
Urology

*May be offered in next academic year.

APPLICATIONS

Applicants should apply to the Residency Director of the specialty concerned, c/o Postgraduate Medical Studies Office, Memorial University of Newfoundland, St. John’s, Newfoundland, Canada, A1B 3V6.
GENERAL INFORMATION

SALARIES

Interns, residents, and clinical fellows: for current salaries, see insert. All salaries are subject to Canadian Income Tax.

INSURANCE

There is a compulsory Group Insurance Plan covering all interns, residents, and fellows.

Health Insurance for non-Canadian Residents — Applicants who are not Canadian citizens or Landed Immigrants are not eligible for the Canadian Medical Care Program (MCP). University Health and Accident Insurance is available through the University Student Affairs Office. Current postgraduate rates are $380.00/family and $190.00 single.

Malpractice coverage is supplied by The General Hospital, St. John’s; however, interns, residents and clinical fellows are advised to take out personal malpractice insurance. The sum of $25.00 per annum towards the cost of the annual premium of malpractice insurance for each employee who purchases such insurance coverage from the Canadian Malpractice Protective Association will be paid on submission of receipt of such a policy.

VACATION

Interns, residents and clinical fellows four (4) weeks per annum.

STATUTORY HOLIDAYS

In addition to vacation leave, nine (9) statutory holidays are officially recognized.

When interns, residents or fellows are required to work on a statutory holiday, they shall be paid at the rate of time and one half (1½) or shall be entitled to one day off with pay in lieu of the day worked.

CONFERENCE LEAVE

In addition to vacation entitlement, interns, residents and fellows may be granted additional paid leave to attend educational events such as medical conferences which are approved by the appropriate program director.

DUTY HOURS — INTERNS, RESIDENTS, AND CLINICAL FELLOWS

The regular day time duty hours shall ordinarily be Monday to Friday, 0800 hours to 1700 hours, and on Saturday, 0800 to 1200
hours. The Program Director in consultation with the department concerned shall determine the schedule of academic and service activities. It is recognized that strict adherence to the schedule must not jeopardize the adequacy and continuity of patient care.

**ACCOMMODATION — INTERNS, RESIDENTS, AND CLINICAL FELLOWS**

Duty rooms are provided. Meals are available in hospital cafeterias and are paid for on an individual basis. Uniforms are provided and laundered. A limited number of accommodations for single and married residents are available for those assigned to the Waterford Hospital, and The Janeway Child Health Centre in St. John’s and Charles S. Curtis Hospital, St. Anthony.

Enquiries regarding rental of houses and apartments in St. John’s and environs should be directed to:

Personnel Department
The General Hospital
St. John’s, Newfoundland
A1B 3V6

**IMMIGRATION**

It is advisable to ascertain the requirements for immigration well in advance of the expected date of arrival in Canada. Such information is available from the offices of Canadian Immigration authorities. The means of entry at present are by student visa plus employment visa. Upon appointment, the Postgraduate Medical Studies Office or Residency Director will process the necessary papers for employment visas.

All University facilities, including gymnasium, swimming pool, squash courts, etc., are available to interns, residents and clinical fellows, as is membership in the Graduate Students Union and the Professional Association for Interns and Residents of Newfoundland.
THE HEALTH SCIENCES CENTRE

The Medical School is located in the Health Sciences Centre, in a beautiful wooded setting on the north side of Prince Philip Parkway, the major traffic artery bisecting the University’s campus.

The Centre also contains the Health Sciences Library, the Medical Audio-Visual Services Unit, lecture theatres, a 375 seat auditorium, a 450 seat cafeteria, multi disciplinary teaching and research laboratories, and animal care facilities. The General Hospital Corporation’s 320 bed hospital includes provision for emergency, acute, and general care.

The Centre is designed so that complete integration of clinical, teaching, and research areas is achieved. This is possible through the use of link zones which provide connections so that patient care can merge with clinical research which in turn can merge with the basic sciences.
LOCATION

The Health Sciences Library, located on the ground floor of the Health Sciences Centre, serves the Faculty of Medicine and the School of Nursing at Memorial University and is also a resource centre for the hospital libraries in the Province. Borrowing privileges are extended to the MUN faculty, staff, and students and to health professionals in Newfoundland and Labrador. Patrons must register in the library in order to borrow materials. Books circulate for two weeks, bound journals and audio-visual materials for one week.

COLLECTION

The library has a growing collection of 15,360 monograph titles on medical and allied subjects. The library subscribes to approximately 1,700 journals in the health sciences and the audio-visual collection consists of about 3,300 items including motion pictures, video tapes, slides, slide-tape sets, and cassette tapes. The library welcomes suggestions from patrons on the purchase of new books or other
materials in health sciences. Suggestions may be left at the circulation desk.

The monograph and audio-visual collections are arranged according to the National Library of Medicine scheme with the Library of Congress system used for areas peripheral to health sciences. The journals are arranged alphabetically by full running title.

SERVICES

Interlibrary loan is a free service offered to individual health professionals and to all hospital libraries. Requests may be made by mail or telephone. Materials not available in this library will be requested from other libraries in accordance with the international interlibrary loan procedures.

Photocopiers are located in the room opposite the circulation desk. Residents and interns may copy, free of charge, up to 100 copies per month, after which they will be billed per exposure. The free charge of photocopy applies only to library related materials.

The library publishes the Medical Library Newsletter and Recent Acquisitions List containing items of interest to library users as well as a selected list of recent acquisitions of monographs, journals, and audio-visual materials.

Reference services are available from 0900 to 1700 hours Monday to Friday. Medline, a computerized bibliographic retrieval system, now provides citations from approximately 3000 biomedical journals indexed from Index Medicus and other specialized indexes for the period 1966 to date. SDi line provides citations from the current month of Index Medicus weeks before the receipt of the printed volume.

Other data bases are available, for example, Toxline, Chemline, and Cancerline. Medline services are offered free of charge and more information and forms may be obtained at the information desk.
microphones and speakers which give better quality sound than the ordinary telephone and which permit free interaction among participants. The TSC links the medical school with all hospitals in St. John’s and many hospitals throughout the Province. (see map of Newfoundland and Labrador and TSC sites.)
Top: Iceberg outside the Narrows, the entrance to St. John’s, North America’s oldest city and the provincial capital.

Below: Aerial view of St. John’s with the Narrows in background.
Top: St. John’s Harbour and downtown area.

Below: Church at St. Phillips, a community a few miles northwest of St. John's.
The General Hospital’s Miller Centre, Forest Road, St. John’s.

Heliopad behind Health Sciences Centre.
The General Hospital's tertiary care services include cardiovascular and open heart surgery, major trauma, neurosciences, burn and gastrointestinal units. Special services also include intensive care, inhalation therapy, coronary care, pulmonary function, cardiovascular investigation, renal dialysis, psychiatric day care, physiotherapy and prosthetic services.

The Miller Centre offers services in rehabilitation medicine including geriatric rehabilitation, a geriatric assessment unit, chronic care and convalescent care. This facility has well developed patient support services in physiotherapy, occupational therapy, social work and speech therapy.

The General Hospital is fully accredited by the Canadian Council on Hospital Accreditation. Since 1955, it has been approved by the Royal College of Physicians and Surgeons of Canada for postgraduate training and has approval for training in medicine, surgery, pathology, bacteriology, anesthesia, gynecology, orthopedics, radiology and psychiatry. The Hospital is also a member of the Association of Canadian Teaching Hospitals.
THE GRACE GENERAL HOSPITAL, ST. JOHN'S

The Grace General Hospital, which is owned and operated by the Salvation Army has developed from a small unit, with just a few beds, in 1923, to the present institution with a normal complement of 335 beds. It has a broad complex of clinical departments supported by a good range of medical service units. The extent of service to the community is reflected in some 10,400 admissions each year and 40,000 outpatient/emergency visits. Continuous day and night care is provided by full time hospital and medical officers.

In addition to the departments of internal medicine and surgery, which have 60 beds each, there are clinical areas for dermatology, ophthalmology, otolaryngology, psychiatry and urology. The department of obstetrics and gynecology has a total of 100 beds. Its activity is reflected in some 2,500 obstetrical deliveries and 3,000 gynecological operations annually. A neonatology unit complements a large high risk element in the obstetrical area. A day care psychiatry department has been established.

Special care units include those for coronary care, intensive care and renal dialysis. There is a progressive physiotherapy department and special services of occupational therapy and psychology in the
department of psychiatry. There are well-staffed departments of pathology and radiology. Other service units include EKG, EEG and respiratory technology. The social needs of patients are served by a professionally staffed department of social work.

Conference rooms and rooms for small group teaching are located throughout the hospital. Ward rounds and clinical conferences are held regularly.

There is a well-equipped medical library which has a good selection of texts in all branches of medicine and surgery, subscribes to more than 100 journals and periodicals, has access to regional and national library collections and has a full time librarian.

The Grace General is accredited and is a member of the Association of Canadian Teaching Hospitals.
St. Clare’s Mercy Hospital is an acute care general hospital, owned and administered by the Sisters of Mercy. It is fully accredited by the Canadian Council on Hospital Accreditation, is a member of the Association of Canadian Teaching Hospitals, the Canadian Hospital Association, the Catholic Health Association of Canada, and Therapeia.

St. Clare’s is involved in the teaching of undergraduate medical students, interns and residents, and is approved for training in medicine, surgery, obstetrics, neonatology, gynecology, anesthesia, orthopedics, radiology, pathology and psychiatry.

The clinical services include a large surgical unit with a major interest in thoracic and peripheral vascular surgery. There is a major obstetrical and gynecological service which includes neonatology. The management of high risk pregnancies is a particular feature of the obstetrical service. Also allied is a prenatal service and Natural Family Planning Department. Internal medicine includes units for respiratory disease and tuberculosis, and for rheumatology. The orthopedic unit has a special interest in reconstructive surgery, and there is a major acute care psychiatric teaching unit and day care.

The clinical services of the hospital are supported by diagnostic services in radiology, laboratory, radioisotope, ultrasound, electrocardiography, electroencephalography and pulmonary function. Special care units include intensive care, coronary care, inhalation therapy, physiotherapy and occupational therapy services and day care services in psychiatry, and surgery. The social and spiritual needs of patients are served by professionally staffed departments of social work and pastoral care. A home care referral centre works closely with the St. John’s Home Care Program. A Palliative Care Unit for the care of the terminally ill cancer patient has its own clinical director, and residents in family practice rotate through this unit.
There is an emergency department with approximately 40,000 attendance per annum and extensive ambulatory clinic services in orthopedics, general medicine, and surgery, chest diseases, psychiatry, rheumatology and gynecology.

Conference rooms are available in each patient care unit. Individual rooms are provided for interns and residents on call.

The medical library has a good selection of medical journals and texts, as well as an extensive tape collection. Audio-visual materials are available through the hospital’s own small closed circuit television department which includes some of the hospital’s productions.
THE JANEWAY CHILD HEALTH CENTRE, ST. JOHN'S

The Janeway Child Health Centre was formally opened in 1966 and is the pediatric referral centre for Newfoundland and Labrador. The bed complement of 233 is equally divided between medicine and surgery and about half of the approximately 7,000 children admitted annually come from outside the St. John’s area. The hospital is fully accredited by the Canadian Council on Hospital Accreditation.

There are approximately 80,000 emergency and outpatient visits per year. The hospital serves as the major trauma centre for children in Newfoundland and Labrador and the ambulatory facilities are a major teaching resource.

The medical staff is organized into six departments: pediatric medicine, surgery, radiology, anesthesia, laboratory medicine and dentistry, together with the sub-departments of child psychiatry, neurology, perinatology, cardiology, neurosurgery, ophthalmology, orthodontics, orthopedics, otolaryngology, and a division of family practice.

The Janeway serves as the principal pediatric facility for Memorial University and is extensively involved in the teaching of undergraduate medical students, interns and residents. The attending staff are all Fellows of the Royal College of Physicians and Surgeons of Canada and the Pediatrician-in-Chief is also the Professor and Chairman of
Pediatrics. The four-year training program in pediatrics is fully approved by the Royal College of Physicians and Surgeons of Canada. Training in other specialties is in association with Memorial University of Newfoundland.

The Janeway serves as the Poison Control Centre for Newfoundland and Labrador. It is the operational base of the provincial Perinatal Program, Hemophilia Home Care Service, Cystic Fibrosis and Diabetic Clinics and the Newborn Screening Program for metabolic diseases. An intensive care unit has been developed and equipped to handle the critical care needs of medicine and surgery, with particular emphasis on neonatology and surgical disorders of the newborn including cardiovascular surgery. A neonatal transport program, with the personnel and equipment needed to withstand the rigors of climate and distance, permits safe transfer of sick newborns from all parts of Newfoundland and Labrador.

There is a hospital medical library containing the standard reference works in pediatrics and other specialties as well as current editions of major journals. This library has a working arrangement with the University and other medical libraries in the city so that journals that are not available can be obtained through this cooperative arrangement. The library also has an extensive tape collection on topics in pediatrics, surgery, anesthesia and internal medicine.

The Janeway Child Health Centre is a Member of the Association of Canadian Teaching Hospitals.
THE WATERFORD HOSPITAL, ST. JOHN'S

The Waterford Hospital, operated by the Waterford Hospital Corporation, is a 405 bed psychiatric facility, serving as the major facility in the province to provide acute care, forensic psychiatric service, medium and long term psychiatric care, psychogeriatric, ambulatory, and community care services. During the early 1950's the hospital pioneered a Community Care Program built on the concept of re-integrating discharged patients into the community through their placement in private homes. The hospital's postgraduate program in psychiatry was one of the first in Canada to be organized under university auspices. The hospital's current residency program is part of an integrated training program organized by the Discipline of Psychiatry of Memorial University of Newfoundland, which also includes the psychiatric facilities in other affiliated teaching hospitals in St. John's.

Full-time and part-time faculty members of the University's Discipline of Psychiatry participate in the clinical and educational programs of the hospital. The clinical staff includes a number of general practitioners and consultants in radiology, neurology, internal medicine, and orthopedics.

The hospital has a full complement of para-medical and support services including laboratories, x-ray, pharmacy, and EEG, occupational therapy, work therapy, art therapy, physical education and adult education. The Waterford Hospital is a member of the Association of Canadian Teaching Hospitals.
THE BAIE VERTE PENINSULA HEALTH CENTRE, BAIE VERTE

The Baie Verte Peninsula Health Centre provides comprehensive health care to a scattered population of approximately 12,000 people situated on the northeast coast of Newfoundland. The facilities include a 40 bed accredited hospital, a busy outpatient clinic, dental services and five outport satellite clinics. The full time staff includes seven physicians, three dentists, a dental hygienist, a nurse practitioner and three public health nurses.

As the Health Centre provides the bulk of health services to the area, it has been able to develop a well integrated approach to health care.

Senior medical students and family practice residents work along with the full time staff to provide comprehensive and continuing health care for a rural population.

During their stay at the Health Centre, residents or students have the opportunity of becoming involved in a wide range of educational experiences including: ward rounds, teaching sessions, weekly chart rounds, weekly educational rounds, outport clinics, on-call, inpatient management, outpatient clinics, surgery, anesthesia, obstetrics, dental clinics, laboratory and x-ray instruction, public health visits of schools and homes, community nurse practitioner clinics, visiting consultant clinics, industrial medicine and teleconference seminars.

Through these various facilities the student is able to see and participate in the full spectrum of primary health care in a rural area.
The Carbonear General Hospital is a modern, well equipped hospital which opened in the summer of 1976 to serve the Avalon North area with its population of 44,000. The hospital has 100 beds with a potential of 130 beds. Another unfinished level will provide a further 28 beds for psychiatric care plus a day care centre.

The admissions level is close to 4,000 and the emergency/outpatient department serves approximately 22,000 per annum. The birth rate exceeds 500.

There are specialists in anesthesia, internal medicine, obstetrics and gynecology, radiology and surgery. Visiting pediatricians and an ophthalmologist contribute to total care.

Facilities include intensive/coronary care, laboratory, physiotherapy, radiology, and electrocardiography. There are respiratory technology services, social services and an active home care program.

The hospital also has a library with a part-time librarian, a small auditorium and conference rooms.
CENTRAL NEWFOUNDLAND REGIONAL HEALTH CENTRE,
GRAND FALLS

The fully accredited Central Newfoundland Hospital which opened in June, 1963, is a 219 bed, 27 bassinet regional referral centre for the central section of the Province.

In 1977 there were 25,000 out-patients and emergency visits, 1,000 deliveries, and 4,000 surgical procedures. There are 35 physicians on staff, 11 are in general practice and the remainder are specialists in internal medicine, ophthalmology, surgery, pediatrics, obstetrics and gynecology, psychiatry, radiology and pathology. There are 450 full time employees, including 200 nurses and nursing assistants.

The Central Newfoundland Hospital conducts training programs for laboratory technicians, certified nursing assistants, operating room technicians and coronary care nurses. It is one of the four Canadian hospitals involved in the unit dose distribution of drugs and has been an innovator in the province in undertaking programs in areas such as home care.
Air-transport of patients to Curtis Memorial and other northern hospitals and nursing stations is extremely important.

Patient and staff members at Curtis.
The Charles S. Curtis Memorial Hospital, located in St. Anthony, Newfoundland, is the headquarters of the International Grenfell Association’s world famous network of hospitals and nursing stations servicing northern Newfoundland and Labrador.

The hospital, which opened on February 1, 1968, replaces the previous facilities, and contains 152 beds, an intensive care unit, well equipped operating and delivery rooms, outpatient, x-ray, laboratory, physio and occupational therapy departments, a medical library and a lecture room.

For many years, the International Grenfell Association has had an enviable reputation as an extremely interesting place to gain experience for medical work in isolated and rural areas of Canada.

It is fully accredited by the Canadian Council on Hospital Accreditation and is recognized by accrediting agencies for selected portions of residency, internship and clinical clerkship programs.
THE CAPTAIN WILLIAM JACKMAN MEMORIAL HOSPITAL, LABRADOR CITY, LABRADOR

The Captain William Jackman Memorial Hospital located in Labrador City, Labrador serves the inland mining communities of Labrador City, Wabush and Fermont whose combined population is approximately 25,000.

The hospital has a very active out-patient department with over 50,000 visits annually to its emergency, laboratory and x-ray facilities. Its 73 beds are for patients in medicine, surgery, obstetrics/gynecology and pediatrics. The hospital has a physiotherapist, a social worker, a speech pathologist, EKG and EEG equipment, with an intensive care unit planned. The work of the dozen staff physicians is augmented through bi-monthly clinics held by visiting specialists in orthopedics, gynecology, ophthalmology and internal medicine and monthly visits by a radiologist and pathologist. The hospital is quite involved in a current survey on industrial related diseases. It is also the focal point of a community disaster plan and the depot for government disaster supplies for inland Labrador. The Public Health Office is also located at the hospital and its conference rooms are used for a variety of community and health groups.

Jackman Memorial has a rotation of undergraduate medical and nursing students. It also has an agreement with the College of Trades and Technology to assist in training laboratory personnel.

The hospital was specially constructed to withstand the very severe winter conditions of Labrador where 40° to 60° below zero is not unusual. The building is totally air conditioned with triple glazed windows which form an effective frost barrier; there is a tunnel linking hospital and residence areas, and all patient rooms are located on the periphery with service areas in the central block.

The hospital is owned by the provincial government and operated by the Salvation Army. Its construction and equipment costs were met by federal and provincial grants as well as large sums of money given by the two mining companies in the area, Wabush Iron Ore Company, and the Iron Ore Company of Canada. The Honourable Joseph R. Smallwood, first Premier of Newfoundland and Labrador, named the hospital in memory of Captain William Jackman of Renews, Ferryland District, Newfoundland, who played a hero’s role in personally rescuing 27 persons from the wreck of the vessel Sea Clipper at Spotted Island in a great storm in 1867.
Sandy Cove Beach on Eastport Peninsula, Bonavista Bay near Terra Nova National Park.
JAMES PATON MEMORIAL HOSPITAL, GANDER

Built on the eastern slopes of Gander Lake and officially opened in 1964, the James Paton Memorial Hospital stands and pays tribute to the dedicated doctor after whom it was named.

This 163 bed, regional referral, fully accredited hospital provides medical services to approximately 50,000 people who live in the area from Glenwood in the west to the boundaries of the Terra Nova National Park in the east. Together with its satellite hospitals at Fogo and Brookfield, the hospital also services Fogo Island and the area known as Bonavista North.

There are 27 physicians, 10 of whom are general practitioners. The hospital offers services in obstetrics and gynecology, general surgery, internal medicine, ophthalmology, orthopedics, otolaryngology, pathology, psychiatry, radiology, urology, physiotherapy, audiology, occupational therapy, laboratory, home care and social services. Its facilities include units for intensive coronary care (opened in 1978), surgery, medical, pediatrics, psychiatry, obstetrics and gynecology, and a nursery.

There were 5,396 patients admitted in 1979, 21,505 patients visited the emergency department, 588 births and 3,521 surgical procedures.
WESTERN MEMORIAL REGIONAL HOSPITAL, CORNER BROOK

The Western Memorial Regional Hospital, which officially opened on March 26, 1977, is one of the most modern health facilities in eastern Canada. The hospital operates on two sites and has a total of 283 active treatment beds, 60 special care beds and anticipates opening additional 60 convalescent/rehabilitation beds in 1981.

Western Memorial is the regional referral center for western Newfoundland, and provides services to a population base of approximately 120,000 people. The hospital also provides shared services for other health facilities in the region.

The hospital provides a complete range of inpatient and outpatient services, including a home care program, which provides service to approximately 500 patients each year.

There are two fully equipped audio visual theatres in the hospital which serve as a center for medical, nursing and staff education, and for meetings and symposia; in addition, teaching rooms are located throughout the hospital. There is also a health library, with a fulltime librarian, containing the standard reference books in all specialties as well as the major journals. Through the interlibrary loan service books and journals may be obtained from other libraries.

Western Memorial is fully accredited by the Canadian Council on Hospital Accreditation, and is a member of the Association of Canadian Teaching Hospitals.
The community of Woody Point, Bonne Bay in Gros Morne National Park on the Province's West Coast.