

Rotary  
Club of Prince George  
Yellowhead



# ADVENTURES IN HEALTHCARE

STUDENTS:  
Start Here...  
Go Anywhere!

ENGAGING • INFORMATIVE • FUN

**A showcase of career  
pathways and opportunities in  
health sciences**

***May 5—9, 2019***

***Prince George, British Columbia***

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# ADVENTURES IN HEALTHCARE

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## Welcome to Adventures in Health Care 3.0

In the next five days you will meet health care professionals who have taken time out of their busy days to talk to you and show you the passion they have for their field of work.

Everyone you meet this week knows that you have choices to make for your future; their hope is to influence and broaden your scope of knowledge in health sciences. We are all here to brighten the path you are on or enlighten you to look in all directions. Ask the questions of the professionals and this week. You will not get a chance like this again. They all take pride in the work they do in helping people with special needs, teaching future health care workers or working in their community supporting the sick and elderly. You will also meet some students not much older than you. They are studying in the health sciences field. Ask them questions as well. You know you wont get insights like that ever again.

This program is designed as a resource for not only this week but as a reference guide for decisions you may make in the next few years.

Welcome to *Rotary Adventures in Health Care* and enjoy exploring the many oppourtunities that you will explore this week.

***Start Here***

***Go Anywhere!***

Ron J Davis, Chair

# ADVENTURES IN HEALTHCARE

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## DAY ONE – AiMHi

**Monday, May 6, 2019**

**8:00 a.m.** All students to gather at U.N.B.C. bus stop in the drop off area at the university entrance and then transported to AiMHi

**8:30 a.m. Arrival at AiMHi for breakfast .**

**09:30 – 09:50** General Overview of AiMHi—*Students will see a variety of different jobs and be able to identify some of the skills required for employees of AiMHi. They will have an opportunity to meet a number of people and get a feel for what it is like to work in Community Living - providing supports and services to both adults and children with varying support needs*

**09:50 – 10:00** Assign Students to their session guides & hosts

**10:00 – 12:00** (Morning Session):

Residential homes—Students will meet people living in the homes and the employees that work with them.

AiMHi booths—(covering day services, finance, HR, Home Sharing & IES). We will share information and have fun & interactive activities at each area. **12:00 – 13:00** Lunch Café –Discussion about morning

**13:00 – 15:00** (Afternoon Session) – Departments and Booths

**15:00 – 15:15** Convene in Gym

**15:15 – 15:30** Health and Wellness – Health Services Director

**15:30 – 16:15** Human Resources, Volunteer Opportunities, Q & A

**16:15 – 16:30** Wrap-up

**1630-530** Dinner

**17:45**—Bus to Rotary Hospice House

**19:45**—Return to UNBC for parent pick up or return to residence

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## DAY TWO—COLLEGE OF NEW CALEDONIA

Tuesday, May 7, 2019

**8:00 a.m.** Students to gather at UNBC Bus Stop/Ceremonial Loop  
Quickly walk to breakfast @ UNBC hosted by Rotary

**8:30 a.m** Bus to C.N.C.  
Arrive at CNC between 0845 and 0900: Meet in Small  
Cafeteria on First Floor

**0900 – 1030** 1st module

**1030 – 1100** break and move to  
next workshop

**1100 – 1230** 2nd module

**1230 – 1330** lunch in CNC cafeteria  
sponsored by CNC Student Services

**1330 – 1500** 3rd module

**1500 – 1530** break and move to 4th workshop

**1530 – 1700** 4th module

**1715 – 1800** Dinner at CNC sponsored by Student Services

**1800 – 1930** Low-key activity (being organized by CNC Student Services)

**19:45**—Return to UNBC for parent pick up or return to dorms



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## DAY TWO—COLLEGE OF NEW CALEDONIA

### *Module #1*

#### ***Medical Radiography Technologist – Medical Radiography X-rated Exposures***

- Participate in an X-ray experience
- Manipulate and expose an avatar and our life sized human specimens
- Review X rays to see what is right and what is wrong

### *Continuation of Module #1*

#### ***Sonography***

- Have the students participate in scanning each other's easily identifiable organs (gallbladder, kidneys, etc.)
- Scan Eva (our OB/GYN Simulator) to get exposure to obstetric scanning
- Review how ultrasound works and the different applications of the modality
- Do live demonstrations of more complex scanning (cardiac)

### *Module #2*

#### ***Dental Studies – Dental assisting or dental hygiene***

- Manipulate dental materials; create an imprint of your thumb and make a plaster thumb model to take home
- Take dental x-rays using traditional film and digital technology
- Experience placing a rubber dam, and using a variety of dental assisting and dental hygiene instruments on a mannequin
- Mix and place temporary filling materials on a mannequin tooth
- Use a mirror and Vel Scope technology to explore the oral cavity

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## DAY TWO—COLLEGE OF NEW CALEDONIA

### *Module #3*

***Medical Laboratory Technologist*** – *Learn what happens in a hospital laboratory*

- Determining your blood type
- Tell the difference between a cancer cell and a normal body cell
- Extract your own DNA
- Take blood from a dummy arm
- Learn about micro bugs

### Module #4:

***Nursing*** – *A career in nursing can be many things (Health Care Assistant; Registered Nurse, Specialty Nurse; Nurse Practitioner)*

- Work with mannequins to practice skills such as wound care, dressings, and cast care
- Work with each other to learn how to check pulses, blood pressures and oxygen levels
- Find out how eyesight and hearing tests are done
- Real life case studies to learn about diseases.

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## DAY THREE - UNIVERSITY OF NORTHERN B.C.

**Wednesday, May 8, 2019**

**8:00 a.m.** Breakfast at U.N.B.C.

**12:00 to 1:00 p.m.** - Lunch

**4:30 p.m.** - end of daily program

**4:30 - 5:00 p.m.** Free time

**5:00 - 6:00 p.m.** Dinner

**6:00 - 8:00 p.m.** Entertainment - Case Study

**8:00 p.m.** – P.G. students pick up at U.N.B.C. or return to residence



### UNBC Program

- Workshop #1:*      **Psychology: The brain**- how it works, thinks and tricks to fool it. Dissection
- Workshop #2:*      **Rehabilitation Services** – Focus on the roles of OT and PT in plinth lab; includes range of motion for joints testing, transfers



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## DAY THREE - UNIVERSITY OF NORTHERN B.C.

Wednesday, May 8, 2019

Workshop #3: **Anatomy and Physiology - a hands-on workshop with models and dissection in the Health Sciences Anatomy lab**



Workshop #4: **Gene School** – students extract DNA and learn about genetics

Workshop #5: **Northern Medical Program**- “training to be a physician”

Workshop #6: **Chemistry in Pharmacology**: Lab in which you explore chemistry to assist the body – basis for Pharmacology.

Workshop #7 **Cultural safety and respect in healthcare**:The goal of **cultural safety** is for all people to feel respected and **safe** when they interact with **the health care system**.

After supper, we will have a team challenge with guest Rotarian judges. See if your case wins!

## DAY FOUR —NORTHERN HEALTH AUTHORITY

### UNIVERSITY HOSPITAL OF NORTHERN BRITISH COLUMBIA

THURSDAY, May 9, 2019

**8:00**—Students to gather at UNBC Bus Stop/Ceremonial Loop, breakfast at UNBC hosted by Rotary

**8:45 am Bus** to University Hospital Of Northern British Columbia Learning Development Commons

**9:00 am – 9:15 am** Welcoming address from David Williams – Vice President of Human Resources for Northern Health

**9:15 am – 10:15 am** Simulation of a Norwalk virus outbreak management scenario with Northern Health public health inspectors

**10:30 am – 11:30 am** Northern Health Recruiters will break the attendees into small groups to provide Healthcare Careers counselling

**11:45 am – 1:30 pm** Attendees walk to the Coast Inn of the North for lunch hosted by Rotary

**1:45pm – 4:30pm** The attendees will rotate between several medical simulation session. Speech Language Pathology/Audiology, CPR, Intubation, Intravenous Insertion, Physiotherapy, Occupational Therapy and Nurse Practitioners

**4:30pm – 5:45pm** Wrap up dinner in the UHNBC Learning Commons

**5:45pm** Students flying home tonight will go directly to the Prince George airport to board their flights home. Luggage will be kept onsite behind locked doors and brought out at 5:30pm

**5:45 p.m.** All other students board bus to return to UNBC

**6:00pm** Pick up of Prince George students and out of town students driving home tonight at U.N.B.C. bus stop while out of town students

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## Northern Medical Program

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### Our Story

The story of the Northern Medical Program is one of what can be accomplished when people come together to bring about change.

In June 2000, a critical healthcare shortage in Northern BC sparked a public rally with several thousand people in attendance. With presentations from local leaders, the rally led to a community demand for a medical school in the North.



From the time of the rally to the first class starting in the Northern Medical Program in 2004, it took just four years to make this dream a reality. Working together, representatives from UBC, UNBC, local and provincial government and others developed a proposal and then a plan to launch a medical school that would train physicians in the North with the key skills needed for work in rural and northern communities.

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## Northern Medical Program

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To ensure success in meeting our goal of developing physicians with skills in rural medicine and health, the NMP has focused on cultivating programs that help students learn in a northern and rural context. This includes rural family practice placements, immersion experiences in Indigenous and small northern communities, northern and rural research project opportunities, and clinical training in remote regional hospitals.



The first NMP class in January 2005.

*To encourage northern and rural students to consider careers in healthcare, including medicine, we have developed projects such as the Healthcare Travelling Roadshow, which visits rural high schools, and Northern Pathways to Medicine, a bursary and enrichment program which supports undergraduate students.*

In the past decade since it was first launched, the NMP has been able to achieve numerous successes. We have been able to help recruit new physicians to the North who contribute not only to patient care in the region but also to the education of our students. Our academic faculty have developed leading research programs in both the medical and social sciences that provide benefits to the North, Canada and the globe. And we continue to see growing numbers of our graduates returning to work in the north as family doctors, specialists, and NMP faculty preceptors and leaders.

## COMMUNITY SERVICE

### HOW SMALL STEPS CAN CREATE BIG CHANGE

*Community service* is a non-paying job performed by one person or a group of people for the benefit of the community or its institutions. The one serving may be able to take something away from the experience and be able to use any newfound knowledge or interpersonal discoveries to improve their future servitude and the people around them.



To gain the most from community service requires balancing learning with serving. Learning and serving at the same time improves a student's community while teaching life lessons and building character.

Community service-learning is “about leadership development as well as traditional information and skill acquisition.”

Therefore, the combination of people doing service and learning at the same time teaches them how to be effective and, more importantly, how to be effective about what is important to them. It improves their overall experience and application opportunities they gain from it. By adding service to learning, and balancing the two, community service can become more than just the simple act of serving. By being a classroom, a hands-on learning experience, and an opportunity to change the community, people are able to not only serve, but impact themselves as well. **It takes small steps to create big change** and this is what service-learning hopes to achieve.

## VOLUNTEER



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## **AiMHi** PRINCE GEORGE ASSOCIATION FOR COMMUNITY LIVING



### **Vision Statement**

One Community – One Vision

### **Mission Statement**

Strong communities recognize and celebrate the value of all citizens. AiMHi contributes to a strong community by providing advocacy, supports and services to people who have special needs and their families. [www.aimhi.ca](http://www.aimhi.ca)

Our culture supports people to have good lives at work, at home and in the community.

### **Backgrounder**

A cornerstone of our work here at AiMHi is to continually strive to provide the best support and services to people in the communities we work in, together with the best worksites for our employees. You will often hear, “How Can I Help You?” here at AiMHi. Know that we ask this question sincerely. We will do our best to respond to whatever requests you have. We are proud of the work we do in these communities, and we are proud of the many people who are engaged in some manner with AiMHi’s mission.

Relationships and partnerships will always be important to us. We strive to be good neighbours, contributing members of our communities, and most importantly, of being welcoming and inclusive. We recognize and value the diversity of the people we live, work, and play with each day in Prince George, Mackenzie, and the surrounding communities.

## Positions within AiMHi

**Residential Care Workers** support people who have a developmental disability with daily living skill. They enhance the quality of life for people and ensure that their physical, medical, educational, recreational, social and cultural needs are met. They keep up to date and accurate records and reports. Provides a safe and clean environment.

**Community Support Workers** play an active role in developing and maintaining Person Centered Plans and provide support in the areas of life skills and community access to people who have a developmental disability. Assist, facilitate and evaluate people's needs and determine what services can be provided to enhance their quality of life and promote independence.

**Family Support Workers** liaise, advocate, and assist families in developing community support based on the strengths and needs of the family. Develops strategies for obtaining goals and provides support to families with an adult or child with a developmental disability in the home.

**Employment Training Specialists** plan and carry out personalized programs for people with developmental disabilities to assist them to obtain and maintain gainful employment.

**Infant Development Consultants** in collaboration with families, develop goals and implement plans for children 0 to 3 years old, with special needs and/or developmental delays or at risk for developmental delays, which facilitate the child's development. Support and play an active role in a Self-directed Team

**Managers** provide leadership in supporting people with developmental disabilities and their families, and are responsible for coordinating and monitoring service delivery to people supported by AiMHi.



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## Positions within AiMHi

**Human Resource Assistants** provide a variety of clerical assistance in an office in the areas of human resources, payroll and benefits; prepares reports and performs data entry; maintains benefits records; enters advanced bookings into electronic scheduling software and informs relief workers of short notice assignments.

**Accounts Payable/ Receivable Clerk** maintains current and accurate payable and receivable ledgers according to AiMHi procedures.

**Payroll and Benefits Assistant** performs payroll and benefit duties, general Human Resources and administrative support.

### Employment Requisite Requirements:

- Grade 12 or equivalent
- Minimum 19 years of age
- Valid Class 5 driver's license
- Clear drivers abstract
- Ability to pass a criminal record check
- Physically and emotionally fit
- Knowledge and awareness of community resources
- Some experience in caring for people who have developmental and/or physical challenges and/or children with special needs

### Volunteer @ AiMHi

In volunteering for AiMHi, there is a process: Volunteers are expected to work certain hours, in certain areas of the organization and maintain the confidentiality of the workplace. Our commitment will be to provide a safe, comfortable, respectful and appreciative workplace. Volunteers must agree with the key concepts of the organization, support a team atmosphere, and have objectives in mind for the term of their volunteer commitment at AiMHi.



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## College of New Caledonia

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### CNC

If you thrive in a demanding, yet rewarding work environment which allows you to help others, then explore a career in health sciences or human services. CNC's human services programs help students become paraprofessionals in the human services field, working with children and adults in a variety of settings. Our health sciences programs combine a strong theoretical base with extensive hands-on experience in health facilities across the province.

#### Available Programs:

- Dental Assisting (Certificate)
- Dental Hygiene (Diploma)
- Health Care Assistant (Certificate)
- Medical lab Technology Science
- Sonography
- Medical Radiography Technology (Diploma)
- Nursing BSN
- Practical Nurse (Diploma)

*Contact: Admin. Assistant, School of Health Sciences*

*[healthsciences@cnc.bc.ca](mailto:healthsciences@cnc.bc.ca) Phone: 250-561-5830*



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## UNBC School of Health Sciences

The UNBC School of Health

Sciences provides high quality, diverse and innovative approaches to learning and research through the use of a holistic view of health, informed by interactions among researchers, practitioners, and community members. Our faculty are committed to excellence in teaching and learning, and strive to create educational opportunities through experiential and research-focused learning. We encourage leadership among our students, staff, and faculty, enabling them to apply knowledge to improve and promote health among local, regional, national, and global communities.

The School of Health Sciences at UNBC covers four separate degree programs.

- Bachelor of Health Sciences (BHSc)
- Master of Arts in Disability Management (MA)
- Master of Science in Health Sciences (MSc)
- PhD in Health Sciences (PhD)

### **Bachelor of Health Sciences Program**

The program consists of three majors,

with Honours option:

- Biomedical Studies
- Community and Population Health
- Environmental Health
- Community and Population Health

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All majors draw courses from the sciences and social sciences to provide students with a broad understanding of issues while preparing them for further studies in areas as diverse as **medicine, occupational and environmental health, physiotherapy, speech pathology, management and administration, epidemiology, and community health**. It includes courses such as anatomy, physiology, health information management, and nutrition.

**The Bachelor of Health Sciences Degree** is a four-year program with a range of courses that relate to the science of health, in the recognition that health is a complex entity defying a simple explanation or a single disciplinary perspective. The courses within the Program offer learning opportunities from a variety of disciplines, such as Life Sciences, Social Sciences, and Behavioral Sciences, in order to enable students to develop an understanding relating to all dimensions of Health.

Studying with researchers in these diverse health disciplines allows students access to ideas and techniques that will be eventually incorporated into best practices. It is very exciting to be a part of a team that influences how the health sciences are applied, from research, to clinical practice to the community level.

Our degree has all the prerequisite courses for PT and OT, medical, dentistry and optometry.

*Contact: Recruiting/Advising [unbc4u@unbc.ca](mailto:unbc4u@unbc.ca) Phone 250-960-6657*

*Anne Sommerfeld, EdD candidate - School of Health Science, CTLT*

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At Northern Health, we build for the future. Acquiring and retaining high-quality talent is a high priority for our organization's success. Our vision of building a strong primary health care system will create a dynamic work environment that challenges all of your skills. Meaningful and rewarding careers, and an outstanding quality of life await you within the diverse communities of this spectacular region.



## **At Northern Health, we have something special to offer!**

- Work in supportive environments
- Use skills that you were trained for
- Beautiful surroundings - incredible scenery, wildlife habitat, camping, hiking, swimming, skiing, and more
- Continuing education
- Eligibility for BC provincial loan forgiveness
- Offers of full-time, part-time or casual employment

**Our relocation assistance is at the top of our industry**

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## **Employed Student Nurse Program**

The purpose of the ESN program is to provide an opportunity for student nurses finishing their second or third year of a BScN or RPN program to develop into the role of a professional nurse through the following:

- Engaging in summer employment within NH patient care areas
- Developing interdisciplinary teamwork and communication skills
- Consolidating previously learned concepts/skills in the nursing program
- Taking advantage of opportunities to connect theory with practice

## **Criteria for Employment**

- Registration in a recognized nursing education program
- Successful completion of 2 or more years of a BScN or RPN program
- Able to provide proof of successful completion of all courses and clinical placements in current year of nursing school
- Ability to gain Employed Student Registration with CRNBC once hired
- Able to provide proof of Certification in Basic Cardiac Life Support

Currently resides in British Columbia or Alberta or have a residence there.

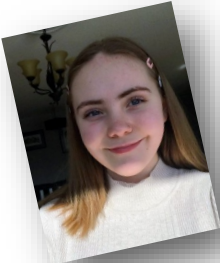
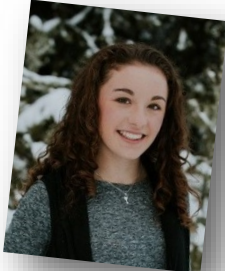
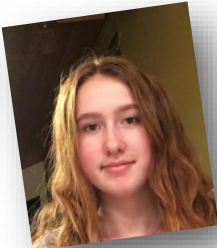
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