

# Ramanpreet Ghuman

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236-865-0006

17555 Corte Lomas Verdes, Poway, CA 92064

## PROFESSIONAL SUMMARY

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Detail-oriented and empathetic health and safety professional with over 5 years of diverse experience in health and safety, disease diagnosis/prognosis, community health, safety improvement, preventive care, global health, and accident investigation.

Strong team player and leader with a sharp vision and a humanistic approach, capable of identifying key issues and delivering effective solutions.

Accomplished a wide range of hands-on and virtual projects, including comprehensive workplace assessments, exposure control plan development, respiratory fit testing, and worksite accident communication strategy development.

## EDUCATION

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**University of British Columbia, Vancouver, British Columbia**

Master of Science in Occupational & Environmental Hygiene - Present

**Thompson Rivers University, Kamloops, British Columbia**

Intro Probability & Statistics – Jun. 2021

**Fairleigh Dickinson University, Vancouver, British Columbia**

Master of Administrative Science - Aug. 2019

**Shri Guru Ram Rai Institute of Medical & Health Science, Dehradun, India**

Bachelor of Medicine & Bachelor of Surgery - Mar. 2017

## Environment/Occupational Health Experience

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**University of British Columbia, Master's Degree Coursework (Selected Projects)**

Vancouver, British Columbia

Sep. 2022 - Present

- **Pharmaceutical Industry** (Virtual): Worked in a team to evaluate the different physical, chemical, and biological hazards in various manufacturing steps such as chemical synthesis, extraction, purification, grinding, sieving, drying, mixing, compression, and coating.
- **Development of In-House Exposure Literature Limit, UBC**: Critically assessed/evaluated the ACGIH TLV Documentation for Formaldehyde and developed a new in-house exposure limit based on epidemiological and experimental studies reported in the literature.
- **Radon Exposure Measurement Methods**: Critically evaluated and appraised the different exposure measurement methods for Radon gas and defended the rationale of choosing ideal methods in diverse workplace environments.
- **Assessment of Indoor Environment** (Virtual and Simulated): Calculated the indoor carbon dioxide, temperature, relative humidity percentage, and fungal concentrations through the simulated data and compared them with the current USA and Canadian regulations.

- **Assessment of a Community Environment** (Hands-on): Critically evaluated the levels of oxygen, carbon monoxide, and hydrogen sulfide in one of the UBC parking lots and presented the appropriate recommendations.
- **Coal-generated Powerplant Workplace Hazard Assessment** (Virtual and Simulated): Worked with a 3-member team to develop a sampling strategy for Volatile Organic Compounds, Polycyclic Aromatic Hydrocarbons, and Coal Dust; researched regulated and recommended limits; presented findings and recommendations for controlling hazards and exposures in an oral and written report.
- **Noise Assessment** (Hands-on): Conducted a noise impact assessment of Vancouver General Hospital; performed a comparative analysis with the help of a Sound Level Meter and Dosimeters; presented findings and recommendations to the concerned Occupational Hygienist officer.
- **Human Vibration Monitoring Assessment** (Hands-on): Conducted a Hand Arm and Whole-Body Vibration assessment; presented findings and recommendations in a written report.
- **Comprehensive Workplace Assessment** (Hands-on): Conducted a Multifaceted Workplace Assessment at Vancouver General Hospital, analyzing Volatile Organic Compounds, Wood Dust, Local Exhaust Ventilation, and Ergonomics, with a Focus on Occupational Health and Safety Enhancement.
- **Worksite Accident Communication Strategy Development**: Developed a comprehensive communications strategy based on a real worksite accident (Surat coaching center fire) as a case study, presenting findings and recommendations to the class.
- **Ionizing Radiation Exposure Control Plan** (Hands-on): Developed a comprehensive exposure control plan for ionizing radiation in a dental clinic.
- **Respiratory Protection Fit Testing** (Hands-on): Conducted Respiratory Protection Fit Testing for fellow students, offering firsthand experience in addressing fit challenges, optimizing data from both quantitative and qualitative fit testers, and promoting awareness of the importance of properly fitted respirators for workplace safety.

## WorkSafeBC (Co-op)

Richmond, British Columbia

May 2023 – August 2023

- **Accuracy vs. cost in heat stress measurement** (Hands-on): Conducted a comprehensive analysis of heat stress parameters across diverse workplace locations, comparing various instruments with the QuesTemp<sup>o</sup> Heat Stress Monitor 34 to assess accuracy and cost-effectiveness in heat stress measurement, enhancing decision-making in the field of occupational health and safety.

## Community & Public Health Experience

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### Administrative Assistant, Vancouver Coastal Health

North Vancouver, British Columbia

Jan. 2022 - Sep. 2022

- Provided confidential administrative assistance and secretarial support to the Directors of Client Relations & Risk Management and Clinical Quality & Patient Safety throughout the applicable Community of Care (CoC) or Corporate Department of Vancouver Coastal Health (VCH).

### Virtual Health Administrative Assistant, Providence Health Care

Vancouver, British Columbia

Mar. 2021 - Aug. 2021

- Provided administrative and scheduling support to different programs like Rapid Access to Consultative Expertise (RACE app), Electronic Consultative Access to Specialist Expertise (eCASE app), Rural Urgent Doctor-in-aid (RUDi), Child Health Advice in Real-Time Electronically (CHARLiE), Rural Outreach Support (ROSe), and Maternity and Babies Advice Line (MaBAL).

### Medical Office Assistant, West Vancouver Foot Clinic

West Vancouver, British Columbia

Mar. 2019 - Mar. 2021

- Acted as the primary contact between the patients and the medical staff by scheduling & responding to client calls, managing emails, answering patient inquires, and assisting the patients in completing their medical and case history forms.

**Security Officer, Paladin Security**

Burnaby, British Columbia

Mar. 2018 - Mar. 2020

- Ensured the safety of the designated premises and the personnel by patrolling the property, monitoring the surveillance equipment, inspecting the buildings, equipment, and access points; reported and updated records of different incidents and performed root-cause analysis to identify and resolve the problem at hand.

**Emergency Room General Doctor, Fortis Hospital**

Ludhiana, India

Aug. 2017 - Dec. 2017

- Assessed patients who entered the emergency room immediately; identified and prioritized serious conditions and promptly provided adequate treatment.

**Medical Volunteer, Sunehra Aaj**

Panchkula, India

Jan. 2015 - Dec. 2016

- Educated children, and pregnant women regarding the importance of regular antenatal checkups and the necessity of a balanced diet for a healthy mother and the baby.

**CERTIFICATES & MEMBERSHIPS**

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- Cal/OSHA 30 Hour General Industry Safety and Health
  - OSHA 30 Hour in Construction Safety and Health
  - Student member of the American Conference of Governmental Industrial Hygienists (ACGIH)
  - Provincial Violence Prevention Curriculum for Healthcare certificate
  - Nonviolent Crisis Intervention training program certificate