
Versatile Research Associate and Mentor, excelling in high-stakes laboratory environments and youth development. Proficient in conducting complex research, leveraging data analytics, and transforming findings into compelling visual narratives. Distinguished for leading timely projects, exercising analytical prowess, and fostering creative problem-solving.

PROFESSIONAL EXPERIENCE

NORTHERN ANALYTICAL LABORATORY SERVICES,

Prince George, BC

Research Associate

November 2020–Present

- Work both independently and in a team in a dynamic laboratory environment, performing tasks that involve collection and processing of samples using various instruments
- Handle sampler maintenance and calibration in line with research design, ensuring the accuracy of experimental outcomes
- Organize, review, and correct research data, creating illustrative graphs and charts for reports
- Process data using statistical software including Excel, Prism, and Rstudio, to facilitate thorough data analysis
- Apply graphic design skills (Photoshop, Illustrator) to create various materials for the Northern Analytical Laboratory Services

RURAL eMENTORING BC,

Prince George, BC

Mentor

September 2020–Present

- Guided a high school mentee through various life experiences and developmental modules, enhancing their personal and academic growth
- Evaluated the mentee's knowledge, understanding, and study habits to monitor progress and establish achievable objectives
- Fostered a trusting and professional relationship with the mentee, ensuring confidentiality and creating a safe and supportive mentoring environment

NORTHERN UNDERGRADUATE STUDENT SOCIETY

Prince George, BC

Director at Large

March 2020–April 2021

- Participated actively in committee meetings and assisted in fulfilling board commitments
- Created informational documents and graphic materials to facilitate communication
- Established project plans and deadlines, ensuring timely task completion
- Engaged in weekly board meetings, discussing society updates and voting on bylaws.

EDUCATION

UNIVERSITY OF NORTHERN BRITISH COLUMBIA

Prince George, BC

Bachelor of Health Science in Biomedical Studies, Honours

May 2023

(Minor: Natural Resource Planning and Operations)

Master of Natural Resource and Environmental Science

September 2023–Present

(Environmental Science)

ADDITIONAL SKILLS

Proficient in MS Office • Research skills • Analytical nature • Keen problem solver • Creative thinker • Powerful decision-making expertise • SPSS familiarity • Organized • Strong communication abilities • Comfortable presenter • Graphic Design Knowledge • Fluent in Arabic

AWARDS

LIEUTENANT-GOVERNOR'S MEDAL FOR INCLUSION, DEMOCRACY AND RECONCILIATION,

May 2023

Lieutenant Governor of British Columbia

- The Lieutenant-governor's Medal for Inclusion, Democracy and Reconciliation recognizes outstanding contributions from UNBC's graduating class of over 700 students to promoting inclusion, democracy, and reconciliation within the UNBC community. The award recognizes exceptional leadership, advocacy, and commitment to creating a more inclusive and equitable campus environment.

UNDERGRADUATE STUDENT RESEARCH AWARD,

April 2023

Natural Sciences and Engineering Research Council of Canada

- Natural Sciences and Engineering Research Council of Canada Undergraduate Student Research Award, awarded for outstanding research contributions in the natural sciences and engineering fields. The award recognizes exceptional research skills, creativity, and potential for future contributions to the field.

BC NORTHERN REAL ESTATE BOARD AWARD

August 2021

BC Northern Real Estate Board

- The award is for recipients whose home town must be within the geographical boundaries defined by the Yukon border to the north, 70 Mile House to the south, Haida Gwaii Islands to the west, and the Alberta border to the east, including the communities of Dawson Creek, Chetwynd, and Tumbler Ridge. Meeting the criteria for good academic standing is the primary basis for selection.

GOVERNOR GENERAL'S ACADEMIC MEDAL

July 2018

BC Northern Real Estate Board

- I was awarded the Governor General's Academic Medal in recognition of my outstanding academic achievement. This prestigious award is given to the student with the highest academic standing in their graduating class. I received this honor for achieving the highest overall average in my school, demonstrating exceptional dedication and excellence in my studies. The Governor General's Academic Medal is a national recognition of academic excellence and is highly regarded in the academic community

PRESENTATIONS

Particulate Matter-Bound Metals as an Assessment of Air Pollution in the City of Prince George

Prince George, BC
2023

UNBC Research Week

Heavy metals and polycyclic aromatic hydrocarbons in ambient air during episodes of springtime road dust

Prince George, BC
2021

UNBC Research Week

PUBLICATIONS

Eric S. Coker, Nikita Saha Turna, Mya Schouwenburg, Ahmad Jalil, Charles Bradshaw, Michael Kuo, Molly Mastel, Hossein Kazemian, Meghan Roushorne & Sarah B. Henderson. (2023). Characterization of the short-term temporal variability of road dust chemical mixtures and meteorological profiles in a near-road urban site in British Columbia. Journal of the Air & Waste Management Association. 73(6): 502-516.