



Postdoctoral Research Fellow | Occupational and Environmental Health | School of Population and Public Health

At UBC, we believe that attracting and sustaining a diverse workforce is key to the successful pursuit of excellence in research, innovation, and learning for all faculty, staff and students. Our commitment to employment equity helps achieve inclusion and fairness, brings rich diversity to UBC as a workplace, and creates the necessary conditions for a rewarding career.

The School of Population and Public Health (SPPH) invites applications for a one-year Postdoctoral Fellow (with possibility of extension) to support an occupational hygiene research program in exposure and risk assessment under the supervision of Professor Hugh W. Davies.

This role requires advance training in occupational/industrial hygiene; application focused primarily on social science without demonstrable hygiene training will not be considered.

Housed within the Faculty of Medicine, the School of Population and Public Health (SPPH) is an innovative unit that encompasses many of the health-related groupings at UBC as a collaborative venture. The School is structured around four divisions: Occupational and Environmental Health; Health Services and Policy; Epidemiology, Biostatistics and Public Health Practice; and Health in Populations. The resulting mix of professions and disciplines is seen as a means of connecting individuals and learners to galvanize the relationship between health research, public health and health services and to enhance learning.

The position will be located in the [Occupational Health Research Group](#). This postdoctoral position will primarily support a new Canadian Cancer Society (CCS) funded biomonitoring study, adapting recent advancements in the field of metabolomics and DNA adductomics to develop methods identifying the uptake of specific environmental contaminants with subsequent DNA adduct formation. While the CCS funded biomonitoring study is the main focus of this role, the successful fellow will have opportunities to contribute to related occupational hygiene research projects, including studies of exposure to antineoplastic drugs in healthcare settings, inadvertent exposure to illicit drugs (fentanyl, methamphetamines, etc.), and projects in whole-body vibration reduction and ototoxicity.

RESPONSIBILITIES

Reporting to Professor Davies, and working with research staff and graduate students, the post-doctoral fellow will be responsible for:

- Coordinating the exposure assessment project, including:
 - Organizing and structuring research protocols appropriate to research proposal aims and objectives, in consultation with the PI, Investigators, project advisors and collaborators;
 - Overseeing study participant recruitment, informed consent workflows, biological sample collection, biobank management (labeling, storage, retrieval)
 - Coordinating multi-laboratory analytical workflows and ensure method validation and documentation.
 - Working with investigative teams and collaborators to develop and conduct exposure assessment and statistical data system and analyses
 - Leading and organizing internal research project team meetings (agendas, decisions, action items) including meeting with funders and other stakeholders. Troubleshooting field and lab issues as they arise.

- Preparing briefing notes for investigators, interim reports for funders, and slide decks for policy and OH&S audiences; contribute to the final technical report and plain-language summaries.
- Developing and maintaining comprehensive study/methodological documentation; Troubleshooting and problem solving for projects, as necessary.

- Authoring/co-authoring peer-reviewed manuscripts and conference abstracts
- Coordinating and assisting with new grant applications; planning and participating in knowledge translation activities (workshops, guidance documents, toolkits).
- Participating in team meetings and contribute to SPPH's research community (seminars, mentorship, journal clubs).

In addition to contributing to collaborative research and knowledge mobilization, the fellow will also be encouraged and supported to develop their own independent research agenda.

Errors made could influence the ability of the research team to meet critical deadlines, as well as compromise the results of research project, and therefore impact the credibility of the Principal Investigator. Poor decisions may be damaging to the reputation of the Principal Investigator, the School, and the University and could lead to incorrect or inappropriate policy recommendations being made.

This position will be responsible for access, collection, use and disclosure of personal information in accordance with the BC Freedom of Information and Protection of Privacy Act (RSBC 1996) and other UBC privacy and security policies. This position requires employees to work under strict confidentiality requirements; internal procedures and policies to protect personal information must be followed and adherence to these requirements will be regularly reviewed by the employer.

Qualifications

Education

The candidate must have completed a PhD within the past 5 years in a relevant discipline (e.g. Occupational or Industrial Hygiene, Exposure Science, Environmental/Occupational Health or related health sciences.)

Experience

- Research experience in occupational hygiene; occupational exposure assessment, method development, biomonitoring are preferred.
- Analytical chemistry, biology, genetics laboratory experience is an asset
- Experience collaborating as part of a multi-disciplinary and international research team, and attention to detail for methodological documentation, are assets.
- Track record of peer-reviewed publications and other knowledge translation activities
- **Willingness to respect diverse perspectives, including perspectives in conflict with one's own.**
- **Demonstrates a commitment to enhancing one's own awareness, knowledge, and skills related to equity, diversity, and inclusion.**

Skills

- Strong scientific writing in explanatory and procedural styles for diverse audiences.
- Proven ability to prioritize and manage multiple tasks and deadlines.
- Demonstrate initiative, judgment, discretion and problem-solving ability.
- Excellent interpersonal skills including the ability to work effectively independently and in a team.

Job Requirements: Ability to travel internationally as required.

The expected salary for this position is \$75,000 per annum. The Faculty of Medicine is committed to offering equitable and competitive salaries, commensurate with the qualifications and experience of the candidate.

APPLICATION PROCEDURE

Application packages consisting of cover letter, detailed curriculum vitae, and the names and contact info of 3 supervisory references should be submitted online at <https://ubc.wd10.myworkdayjobs.com/ubcfacultyjobs> (JR# JR22551).

Should you have any queries around this position, please contact somaya Iqubal at: somaya.iqubal@ubc.ca.

Review of applications will begin on **December 1st, 2025** and continue until the position is filled. The anticipated start date for this position is **February 1st, 2026** or upon a date to be mutually agreed.

We invite applications from qualified candidates who share our commitment to employment equity and inclusive excellence, and we welcome applications from candidates belonging to historically, persistently, or systemically marginalized groups: Indigenous (First Nation, Métis, Inuit) Peoples, racialized persons, persons with disabilities, women, 2SLGBTQIA+ people, and trans and non-binary people.

The University is committed to creating and maintaining an inclusive and equitable work environment for all members of its workforce. An inclusive work environment presumes an environment where differences are appreciated, recognized, and integrated into current structures, planning, and decision-making modes. Within this hiring process we are committed to creating an inclusive and equitable process for all candidates (including but not limited to people with disabilities). Confidential accommodations are available on request. Please contact [Name] via email at [email]. If you have any questions regarding accommodations or accessibility during the recruitment and hiring process or for more information and support, please visit UBC's Centre for Workplace Accessibility website at <https://hr.ubc.ca/health-and-wellbeing/workplace-accessibility/centre-workplace-accessibility> or contact the Centre at workplace.accessibility@ubc.ca.

With gratitude, we acknowledge that the University of British Columbia Faculty of Medicine and its distributed programs, which include four university academic campuses, are located on traditional, ancestral and unceded territories of First Nations Peoples and communities around the province.

Our Vision: To Transform Health for Everyone.

Ranked among the world's top medical schools with the fifth-largest MD enrollment in North America, the **UBC Faculty of Medicine** is a leader in both the science and the practice of medicine. Across British Columbia, more than 12,000 faculty and staff are training the next generation of doctors and health care professionals, making remarkable discoveries, and helping to create the pathways to better health for our communities at home and around the world.

The Faculty - comprised of approximately 2,200 administrative support, technical/research and management and professional staff, as well approximately 650 full-time academic and over 10,000 clinical faculty members - is composed of 19 academic basic science and/or clinical departments, three schools, and 24 research centres and institutes. Together with its University and Health Authority partners, the Faculty delivers innovative programs and conducts research in the areas of health and life sciences. Faculty, staff and trainees are located at university campuses, clinical academic campuses in hospital settings and other regionally based centres across the province.

UBC - One of the World's Leading Universities. As one of the world's leading universities, the University of British Columbia creates an exceptional learning environment that fosters global citizenship, advances a civil and sustainable society, and supports outstanding research to serve the people of British Columbia, Canada and the world.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person. All qualified candidates are encouraged to apply; however, Canadians and permanent residents of Canada will be given priority.

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