



Job Title:

Research and Innovation Manager, Data Science

Reporting Structure:

Reports to the Data Science Lead

Full time, permanent opportunity

The **Research and Innovation Manager, Data Science** is a collaborative member of the Research and Innovation team and works seamlessly across the organization. Reporting to the Data Science Lead you will work with the Research and Innovation leadership to implement Genome British Columbia's (Genome BC) Data Science Strategy. You will engage external partners to catalyze partnerships across the innovation and research ecosystem in BC, consistent with the organization's mandate. You are one of the main points of contact at Genome BC for funded project teams and you are responsible for monitoring projects to assess progress and maximize outcomes. You are motivated to excel in your position, support your team members and you believe that genomics has the potential to positively impact the lives of British Columbians.

You are an enthusiastic, organized, independent and creative individual with a passion for science and innovation. You possess confidence and experience, you aspire to work in a high energy and committed team and to represent Genome BC in varied settings. With a keen eye for detail, you understand the importance of research oversight and project management. You can translate the vision and mission of the organization to deliver on its goals and objectives.

Duties and responsibilities:

- Under the guidance of the Data Science Lead, support the implementation of Genome BC data science programs and initiatives
- Identify opportunities and build collaborations towards responsible implementation of genomics
- Implement various projects and initiatives in data management, data governance, information processes.
- Provide subject matter expertise to advise on data solutions
- Develop relationships with key partners and stakeholders from private industry, government and academia, to support innovation; the practical translation of ideas and research outcomes into new or improved products, services, processes, systems or social interactions
- Work with academics and partners to help teams prepare and submit high quality applications to Genome BC and Genome Canada funding initiatives including projects that partner with end user organizations
- Monitor scientific and financial progress of projects to ensure that all goals and milestones are completed on time and on budget
- Critically assess outcomes and anticipated future impact, guiding projects to succeed in reviews of research progress
- Launch new research projects by facilitating project start-up activities, including finalization of project budgets, work plans and milestones and coordinate the process to close out projects after

completion

- Foster relationships, facilitate meetings, and communicate effectively with project teams, the lead institutions and other partners
- Work with other Genome BC functional units to assist with project related finances, communications and societal matters
- Participate in relevant conferences and symposia

Education and Experience:

- Master or PhD in Computer Science, Bioinformatics, Computational Biology, Statistics, or related field
- 3+ years of hands-on experience in applying data solutions to real problems and analysis of complex heterogeneous large-scale genomics (defined as epigenomics, metabolomics, metagenomics, proteomics, and transcriptomics, etc.) datasets
- Able to understand various data structures and common methods in data transformation
- Demonstrated experience and broad understanding of BC life sciences research and innovation ecosystem
- Demonstrated scientific expertise, creative and independent critical thinking, ability to identify opportunities for research and collaboration
- Excellent proactive communication, relationship management, team-building and interpersonal skills
- Demonstrated organizational, project management and financial analysis skills and careful record keeping practices, preferably in a science or technology environment
- Demonstrated experience with milestone-driven projects and an ability to identify and assess objectives, quantifiable measures of success
- Experience with critical evaluation of scientific proposals and reports
- Ability to work in a fast paced, dynamic environment with frequent deadlines
- Ability to think broadly and understand strategic priorities

How to apply:

Applicants must include a current CV and cover letter indicating anticipated start date and the contact information for at least three references. Please send the application in MS Word or PDF via email to careers@genomebc.ca

Application deadline: Applicants are encouraged to submit applications by August 26th, 2022, or until position is filled.

We thank you for your interest in Genome BC. Only those candidates short listed for interviews will be contacted. No phone calls please.

About Genome British Columbia:

Genome British Columbia leads genomics innovation on Canada's West Coast and facilitates the of genomics into society. A recognized catalyst for government and industry, Genome BC invests in research, entrepreneurship and commercialization in life sciences to address challenges in key sectors such as health, forestry, fisheries, aquaculture, agrifood, energy, mining and environment. Genome BC partners with many national and international public and private funding organizations to drive BC's bioeconomy.

In addition to research, entrepreneurship and commercialization programs, Genome BC is committed to fostering an understanding and appreciation of the life sciences among teachers, students and the general public. www.genomebc.ca

At Genome BC, we believe we are made stronger by our unique combination of culture, race, national or ethnic origin, religion, sex, gender identity, sexual orientation, marital or family status, physical or mental disability unrelated to job requirements, genetic information, or age. We are committed to advancing a culture that values diversity and inclusivity, including recruiting and developing a well-qualified and diverse workforce that embraces and encourages different perspectives.

Our Values:

- **Integrity** is at the core of our decisions and actions
- **Empathy** is integral to our relationships
- **Commitments** are honoured with passion and purpose
- **Boldness** and agility motivate our pursuits
- **Curiosity** and wonder inspire us