Job Title:
Research and Innovation Manager, Data Science

Salary Range:
$80,000 to $119,000

Reporting Structure:
Full-time permanent reporting to the Director, Data Science

Job Scope:
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 Director, Data Science you will work with the Research and Innovation leadership and the other members of the Data Science team 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 Director, Data Science, support the implementation of Genome BC's data science programs and initiatives
- Identify opportunities and build collaborations towards responsible implementation of omics
- 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:

- Masters or PhD in Computer Science, Bioinformatics, Computational Biology, Statistics, or related field
- 5+ years of hands-on experience in applying data solutions to real problems and analysis of omics datasets
- Experience with artificial intelligence as it related to the analysis of omics data and day-to-day operations
- Experience with ontologies and data standards
- 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 should include a current CV with a cover letter indicating the anticipated start date and the names and contact information of at least two references. Please send the application in Microsoft Word or PDF via email to careers@genomebc.ca

Application deadline: Applicants are encouraged to submit applications at their earliest convenience and this posting will be closed at 9 AM Monday, September 16, 2024.

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 BC is a not-for-profit organization that has advanced genomics research and innovation for nearly 25 years, growing a world-class life sciences sector in BC and delivering sustainable benefits for British Columbia, Canada and beyond. Genome BC has attracted over $1 billion in direct co-investment to the province, which has contributed to funding more than 550 genomics research and innovation projects. These initiatives enhance healthcare and address environmental and natural resource challenges, improving the lives of British Columbians. Genome BC also integrates genomics into society by supporting responsible research and innovation and fostering an understanding and appreciation of the life sciences among educators, students and the public.
www.genomebc.ca

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