Job Title:
Senior Sector Manager, Data Science

Reporting Structure:
Reports to CSO/VP Sectors

Full time, permanent opportunity

The **Senior Sector Manager Data Science** works closely with CSO/VP Sectors, the Sector Director and Senior Sector Managers (Health/ANR) to develop and execute the data strategy for the sector and oversee the day to day operations and project management of key data initiatives. In addition to overseeing their own project portfolio, the Senior Sector Manager Data Science will supervise a group of Sector Managers that are responsible for optimizing the outcomes of Genome British Columbia's (Genome BC) research portfolio and developing collaborations and strategic partnerships leading to the adoption of genomics in the sector.

You are an enthusiastic, organized, highly collaborative and creative leader with a passion for data science and innovation. You possess confidence and experience in working with senior executives and aspire to lead a high energy and committed team. You can navigate complex projects and interactions with stakeholders with tact and diplomacy. With a keen eye for detail, you understand the importance of research oversight and project management in delivering outcomes from funded research that have a high potential for impact. You can translate the vision and mission of the organization to deliver on its goals and objectives.

Duties and responsibilities:
- Lead various projects in data management, data governance, information processes.
- Maintain individual portfolio of project management and sector development activities
- Develop relationships with key sector stakeholders from private industry, government and academia, with a view to demonstrating the application of genomics aligned with data strategic priorities in human health, agrifood and natural resource sectors
- Work with sector stakeholders to facilitate the development of funding and research collaborative partnerships including multidisciplinary teams participating in digital transformation projects
- Supporting the implementation of Genome Canada roadmaps, GBC data management strategies, and relevant data programs/initiatives
- Work collaboratively with CSO/VP Sectors to lead current state assessments of projects/initiatives including feasibility of proposed data solutions, maturity analysis.
- Work closely with the CSO/VP Sectors, Sector Director and other Senior Sector Managers to maintain quality and consistency of people, project and sector management throughout the sectors team
- Work closely with other departments and executives to address cross-organizational needs
- Line management responsibility of a team of sector managers and support of their work to:
    - Provide excellent leadership to help employees perform at their best, through motivating and developing them to achieve high performance.
    - Carry out employee's performance and development review each year, setting goals and identifying development needs and opportunities for the future.

- Maintain effective communication with team and regularly scheduled one-to-one and or team meetings to discuss activities, priorities, progress and problems.
- 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 project teams to assist with problem solving, risk management and collaborations to optimize scientific outcomes
- Work with other Genome BC functional units to assist with project related finances, communications and societal matters
- Work with academics and stakeholders to help teams prepare and submit high quality applications to Genome Canada and Genome BC funding initiatives
- Guide stakeholders in implementing data recommendations.

Education and Experience:
- Master's / PHD or Degree in Computer Science, Statistics, Applied Math or related field
- Practical experience with data processing, database programming and data analytics and data management
- Extensive background in data mining and statistical analysis
- Able to understand various data structures and common methods in data transformation
- Experience with programming languages such as Java/Python an asset
- Experience with Canadian Data ecosystem including understanding of challenges and barriers
- Understanding of national and international genomic data governance and data sharing standards
- Excellent proactive communication, facilitation, relationship management, team-building and interpersonal skills
- Experience in leading a team and dedication to mentorship and professional growth of your team
- Experience navigating complex projects and interactions with stakeholders and staff, demonstrating tact and diplomacy
- Demonstrated organizational, project management and financial analysis skills and careful record keeping practices
- Demonstrated experience with milestone-driven projects and an ability to identify and assess objective, 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
- Experience in the BC life sciences research and innovation community would be an asset
- Business experience in an industry or public sector setting, particularly with respect to developing relationships would be an asset

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

Application deadline: August 20, 2021, 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.

Genome British Columbia leads genomics innovation on Canada's West Coast and facilitates the integration 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