Exempt Job Posting

TRANS LINK

Job Title:	**Senior Planner, Transportation Analytics**
Location:	Sapperton
Full/Part Time:	Full-Time
Regular/Temporary	Regular

Division

Transportation Planning & Policy

Department

Research & Analytics

A career at TransLink and our family of companies means working with people with a wide range of skills and perspectives, all teaming up towards a common goal: preserving and enhancing the region's world-envied quality of life. Together, we connect the region and enhance its livability by providing a sustainable transit and transportation network, embraced by our communities and people.

At TransLink we are dedicated to building a workforce that reflects the diversity of the communities in which we live. We're committed to fostering an inclusive, equitable and accessible workplace, recognizing the unique value and skills every individual brings.

Looking for a great place to work where your contributions are valued and you can make a difference in a vibrant city? At TransLink, one of BC's Top Employers, you'll help make Metro Vancouver a better place to live.

Responsibilities

PRIMARY PURPOSE

Provide specialized and senior level of expertise and leadership in analyzing transportation statistics, identifying and quantifying emerging trends and relationships between system variables using an analytical and evidence-based approach, establishing empirical methodologies and tools to quantitatively analyze and estimate transportation performances, and developing analytically rigorous forecasts to support planning and decision-making.

KEY ACCOUNTABILITIES

- Contributes advanced transportation analytics expertise to the development and appraisal of projects, programs, strategies, plans and tactics.

- Develops confidential transportation forecasts and scenarios for use by senior management in transportation planning and strategic business decisions; develops key inputs for the preparation of base plans, supplemental plans, annual plans, and long range strategic plans.
- Manages complex analytical projects, providing technical expertise and leadership to the project. Performs all aspects of project management from concept to implementation, and leads project teams in the fulfillment of project deliverables.
- Develops and applies advanced transportation analytical methods, techniques and models in support of designated project deliverables, ensuring compliance with prevailing standards, policies and procedures.
- Provides senior technical expertise to enterprise projects and committees and other analytical and planning professionals, while also providing leadership to designated projects. Presents and defends technical findings to internal and external audiences, including TransLink Executives, Commissioner, auditors and a variety of partner agencies and stakeholders.
- Establishes and maintains working relationships with management and counterparts in business units across the enterprise, as well as external stakeholders, in order to provide expertise and advice and to understand and communicate research and analytical requirements.
- Collaborates with external stakeholders, industry peers, and government officials, and participates actively in an expert role on industry advisory and technical committees.

Qualifications

EDUCATION & EXPERIENCE

The competencies for this job are acquired through completion of a Master's Degree in planning, economics, engineering, mathematics or related discipline with strong emphasis on big data analytics, quantitative research, forecasting and other transportation analytics methods and application, plus four (4) years' experience in similar roles within agencies specializing in planning, transportation, economics, or data analytics.

OTHER REQUIREMENTS

- Advanced knowledge of the concepts, principles, standards, practices and methods of quantitative transportation research and analytics
- Advanced knowledge of analytical methods to evaluate the costs and benefits of transportation policies, strategy and projects including expertise in alternative analysis, multiple account evaluation and benefit-cost analysis
- Advanced knowledge of forecasting theory and transportation model development and application including but not limited to regression and time-series econometric models
- Advanced knowledge of the transportation industry as it pertains to best practices in transportation research, analytics, modeling, forecasting, and other quantitative analysis
- Solid problem solving and decision making skills to select and establish appropriate processes and standards for the functional area along with conflict resolution skills
- Advanced analytical and interpretation skills to derive meaning and develop recommendations based on analytical findings
- Solid project management skills, including attention to detail and good understanding of quality control methods

- Solid written and verbal communication skills as well as interpersonal skills to manage internal and external relationships, deliver presentations, and lead report writing activities
- Working knowledge of computerized packages such as R, Python, SQL, STATA, SPSS, Excel and Tableau to provide analytical insights and visualization

Other Information

Posting Reason: Addition
Number of Available Positions: 1

Recruitment Process: An applicant will be required to demonstrate their suitability for this position by meeting the minimum level of qualifications and experience in order to be invited into the selection process.

Reporting to the Manager, System Analytics, this position will require strong skills in both economics and in big data analytics to analyze, monitor and forecast trends for the region's multi-modal transportation network.

System Analytics is a multi-disciplinary team with backgrounds in planning, economics, resource management, and transportation engineering. Our team members are curious and creative, tackling challenging analytical questions on the fly and developing programmatic tools to provide business insights efficiency and effectively.

Current and planned projects include expanding current transit ridership analytics and monitoring tools, including economic trends and forecasting, developing new integrated revenue and ridership forecasting tools, enhancing fuel demand and VKT monitoring forecasting, and enhancing the team's analytical environment for smart card and other transportation data sets.

Work Schedule

37.5 hours per week.

Rate of Pay

Grade: 05
Salary: Starting at $77,752 per annum

How to Apply

Submit your resume and cover letter to the job posting available on Indeed.

Posting Date: March 9, 2021
Closing Date: Open until filled

We are an equal opportunity employer committed to creating and supporting a diverse and inclusive workforce that is free of all forms of discrimination. We are committed to providing reasonable accommodations and will work with you to meet your needs. If you are a person with a disability and require assistance during the application process, please reach out! We celebrate our inclusive work environment and welcome members of all backgrounds, skills and perspectives.

Accommodations are available on request for candidates taking part in all aspects of the selection process. For a confidential inquiry, simply email us at jobs@TransLink.ca.