The Sustainable Transportation Action Research Team (START) in the Resource Environmental Management Program at Simon Fraser University (Burnaby, British Columbia, Canada) is a dynamic group that applies an interdisciplinary research approach to sustainable transportation solutions. START seeks a full-time Post Doctorate Researcher to conduct and manage research related to low-carbon transportation technologies, markets and policies, starting January 2018 (or earlier). This position is split equally between research and project management, and will require you to have demonstrated skills in both areas.

**Research**

Our research program focuses on the technologies, markets and policies that reduce greenhouse gas emissions in the transportation sector (passenger, fleet and freight sectors). START applies a socio-technical perspective to transportation-related issues, integrating insights from technical, social, economic, and political perspectives to identify opportunities and constraints in emerging low-carbon emissions transport markets. Our research outcomes inform policy design and industry strategies in Canada.

In a research capacity, you will:

- design, develop, and execute research projects
- conduct independent and collaborative research (e.g. literature reviews, policy analysis, and other research efforts)
- write research reports, including annual research summaries, peer-reviewed journal articles, white papers, policy briefs, etc.
- manage and supervise research assistant and graduate student projects
- provide mentorship and support for graduate students

**Project Management**

START’s research portfolio includes a number of graduate students and researchers who are involved in a wide range and number of academic and public-facing projects. Management of these projects is an important part of this position.

In a project management capacity, you will:

- manage budgets and student stipends
- develop and execute research projects
- manage projects (e.g., manage timelines, deliverables and funding requirements, ensure milestones and deadlines are met, report on project progress)
- manage relationships with funders and stakeholders
- coordinate with academic and non-academic collaborators
- assist with knowledge mobilization, including publication, distribution and presentation of START’s research outputs (e.g., attend conferences, update START’s website)
- identify and prepare grant and funding proposals
QUALIFICATIONS

You should clearly demonstrate a strong academic background, experience, and skills in one or more of the following areas:

- market analysis for alternative fuels or low-carbon technology
- consumer survey and interview methods (i.e., design and implementation)
- valuation methods and discrete choice modeling
- energy-economy modeling (e.g., optimization, CGE or simulation models),
- climate policy and technological change (e.g., zero emissions vehicle mandate, low-carbon fuel standard)
- statistical analysis of consumer, market, and survey data

In addition, you should clearly demonstrate:

- strong project management and organization skills
- superior verbal and written communication skills (writing, presenting, etc.)
- leadership skills
- an ability to work both collaboratively and independently.

Ideal candidates will hold a Ph.D., be eager to conduct novel, applied research in the interdisciplinary field of low-carbon transportation systems, and to publish results in top-level academic journals. Ideally, you will work with SFU-START for at least two years, subject to funding availability.

COMPENSATION

Funding is available to provide a $40,000/year stipend for two years. You would be encouraged to apply for grants/scholarships to assist with further funding (e.g. SSHRC Post-doctoral Grant, if you are a Canadian citizen), which could be added to this stipend. A progress review will occur before the end of Year 1 to determine if the position will be extended for the second year.

INSTRUCTIONS FOR APPLICATION

Please include…

- a one page cover letter, outlining your specific experience and skills that make you a suitable candidate for this position (Note: the first paragraph of the cover letter and email should clearly indicate how the applicant’s research skills and interests align with START’s overall research scope),
- a CV,
- up to three publications or writing samples, and
- a list of three academic references (contact names, emails, phone numbers and your relationship to each reference).

Review of applications will start in early November 2017 and will continue until the position is filled. Only short-listed candidates will be contacted.
Please indicate “Application for START Post doc/Project manager” in the subject line of your email and send all applications electronically to:

Zoe Long, Research Assistant  
START, School of Resource and Environmental Management  
Simon Fraser University  
e-mail: start@sfu.ca

ABOUT DR. JONN AXSEN AND THE SUSTAINABLE TRANSPORTATION ACTION RESEARCH TEAM (START)

About Dr. Jonn Axsen and the School of Resource and Environmental Management:  
Dr. Jonn Axsen is an Assistant Professor in the School of Resource and Environmental Management (REM) at Simon Fraser University. His research focuses on consumer behaviour and citizen acceptance regarding low-carbon energy and policy. His research program centres around four broad themes: the adoption of pro-environmental technology, pro-environmental motivations (social influence, lifestyle and values), citizen acceptance of energy technology and policy, and modeling effective low-carbon technology and policy. Dr. Axsen is the director of SFU’s Sustainable Transportation Action Research Team (START).

About the Sustainable Transportation Action Research Team (START):  
START is a research collaborative within the Faculty of Environment that focuses on the transition to sustainable transportation systems. START takes a unique interdisciplinary approach to its research, drawing from disciplines such as economics, marketing, engineering, innovation management, health sciences, geography, public policy, urban studies, communications and psychology into the analysis of sustainable transportation solutions. START produces policy- and industry-relevant research in three key aspects of sustainable transportation: vehicles and drivetrains, fuels and infrastructure, and mobility and travel demand. For each aspect, START produces comprehensive research to assess different transportation technologies, practices and solutions according to technological feasibility, consumer and citizen acceptance, and public policy.

For more info, visit:
- The REM web site: www.rem.sfu.ca/  
- Dr. Axsen’s webpage www.sfu.ca/rem/people/profiles/axsen.html  
- START’s webpage www.sustainabletransport.ca