

POSTDOCTORAL POSITION

in mitigation of GHG from urban soils using biochar: a multi-city study

A new NSERC Alliance Mission project, based at University of Toronto (Sean Thomas) addresses GHG emissions associated with urban waste and in urban tree trenches, in several cities across Canada (Toronto, Quebec City, Mississauga and Edmonton). The project evaluates hotspots of emissions while working to mitigate these problems using biochar as an amendment; several biochar companies are industry partners in the project. The position represents an unique opportunity to coordinate a national study, and to develop leadership skills in a large interdisciplinary team (including economic and lifecycle considerations). The national team includes one other postdoctoral researchers, three PhD students, six MSc students, seven professors and five partners. The project presents a unique context for developing skills as a researcher in a stimulating context, including the local laboratory (**Chaire de recherche sur l'arbre urbain et son milieu**), and local partner (Ville de Québec).



**Come join
an exciting
national team!**

WE ARE LOOKING FOR ...

We are looking for a **PhD graduate** who has experience in soil-plant relationships, and if possible has worked with biochar as an amendment to soil. The person should be able to start fairly rapidly in the project (summer 2023 if possible) and will be working directly with the city to identify potential sites. The candidate should be able to work independently, communicate easily with colleagues and partners and will help to supervise students. The position is open for two years, including the production of a synthesis about mitigation using biochar amendments in the different cities.



Salary

52k per year for two years



Starting date

As soon as possible



To apply

Please send the following to sivajanani.sivarajah@sbfi.ulaval.ca :

- Motivation letter
- Curriculum vitae
- Coordinates of three references

Advantages of the CRAUM team :

- Dynamic group of students and adding two postdocs
- Logistical support by a professional coordinator
- Close contact with city and industry partners
- Bi-weekly meetings for discussion
- Opportunity to present at national and international conferences

To find out more visit our website and join our social media



@ChaireCRAUM



@chaire.craum



craum.ffgg.ulaval.ca



Faculté de foresterie,
de géographie et de géomatique
Chaire de recherche sur l'arbre urbain et son milieu



UNIVERSITÉ
LAVAL