

Postdoctoral researcher: Tropical plant ecophysiology and global change
Soper Lab
McGill University, Montreal

The Soper Lab (www.fionasoper.com) at McGill University is seeking a postdoctoral researcher to work on a project characterizing nutrient acquisition in tropical woody plants, especially in response to global change, and with potential for additional ecological synthesis projects. Research questions are flexible, and there is potential for significant input from the candidate to design a program that complements their strengths and training goals. Field-based research in Central America or locally may be an option if desired, but is not required.

The candidate will also contribute to cultivating plants in greenhouse/growth chamber conditions, operating and maintaining analytical lab equipment, developing new sampling protocols, and supervising/mentoring research assistants and students.

Essential qualifications:

- The candidate should have (or expect to shortly be granted) a PhD in ecology, ecosystem/environmental science, plant biology, or a related field.
- Able to work in a respectful and collaborative lab environment.
- Expertise in plant ecophysiology, especially related to nutrient and carbon acquisition
- Ability to confidently handle and analyze ecological and ecophysiological data sets
- Track record of communicating research findings orally and in peer-reviewed journals

Desired qualifications:

- Experience in measuring plant physiological performance (e.g. gas exchange, root functional trait measurements, nitrogen fixation, stable isotope analyses) and performing manipulative experiments
- Experience with tropical species/ecosystems and woody plants a bonus

The Soper Lab has a strong emphasis on mentorship, and the candidate can expect to have significant one-on-one time devoted to working on writing, communication and other professional skills. The lab has a strong research network, and there is potential for the candidate to be involved in a number of working groups, including the INCyTE Research Collaboration Network (<https://www.umt.edu/incyte/about-incyte/>).

Montreal is a diverse and livable city with excellent public transport and access to many cultural and outdoor activities. The McGill campus is located downtown adjacent to Mont Royal Park, a large public green space.

The initial appointment is for one year, with possibility to extend for a second year. Anticipated salary is CAD \$55,000 plus employee benefits. Anticipated start date Spring/Summer 2023. Non-Canadian residents will require a Canadian work permit. Note that non-Canadian resident postdocs in Quebec are typically exempt from paying provincial income taxes (<https://www.mcgill.ca/gps/postdocs/fellows/finances/quebec-tax-exemption>).

To apply: Please include a CV, a cover letter describing your interest in the project and relevant qualifications, and contact information for at least two professional references. Applications can be submitted via McGill Workday (link forthcoming). For any questions, please contact Dr. Fiona Soper (Fiona.soper@mcgill.ca).