



Algoma University is committed to undoing systemic and institutional discrimination and being publicly transparent and accountable. Diversity, equity, and inclusion are fundamental to our Special Mission. In keeping with the Seven Grandfather teachings that are the core values that inform our decisions as an institution, we are committed to creating a welcoming, inclusive, respectful, and safe environment where everyone belongs. We live these values through the strength and richness that diversity brings to our workforce and welcome contributors from equity-deserving groups including: Indigenous Peoples, Black and racialized persons, women, Persons with Disabilities, 2 Spirit, Lesbian, Gay, Bisexual, Transgender, and Queer persons.

Job Title:	Postdoctoral Fellowship - Plant & Soil Ecology
Position Status:	Temporary, 2-year Contract
Department:	Physical & Biological Science
Location:	Sault Ste. Marie, ON
Number of Positions:	1

POSITION SUMMARY:

Algoma University's Plant & Soil Ecology lab is currently seeking an exceptional postdoctoral fellow at the Sault Ste. Marie campus. The research will center around an NSERC-funded project conducted in collaboration with Dr. Stephen Mayor of the Ontario Ministry of Natural Resources and Forestry. The project's primary objective is to elucidate the impact of climate change factors on plant-soil biotic interactions following wildfires, with direct implications for boreal forest community assembly, key soil processes, ecological succession, and tree migration. Special emphasis will be placed on mycorrhizal symbioses, including both ecto- and endomycorrhizas.

The project entails replicated permanent plots situated in diverse forest types within the vicinity of Pukaskwa National Park, renowned as one of Canada's most iconic parks. The appointed postdoc will be provided with the necessary resources to conduct field work, as well as access to state-of-the-art laboratories, greenhouses, and growth chamber facilities. Available facilities include a molecular lab equipped with second-generation sequencing instruments and a Level 2 microbiology lab.

The lab is located at the Sault Ste. Marie, ON campus in the new Biosciences & Technology Convergence Centre. The Ontario Forestry Research Institute is located within walking distance.



MINIMUM QUALIFICATIONS

- Ph.D. in microbial ecology, or a related field.
- Strong background in experimental design and statistics.
- Experience with setting up greenhouse and/or field experiments.
- Expertise in molecular techniques.
- Excellent oral communication skills, and a strong publication record.
- The ability to work both independently and as part of a team.

Salary: **\$50,000 (CDN, gross) annually**

Please submit a resume and cover letter (combined PDF), including the names of three referees, to pedro.antunes@algomau.ca no later than 4:00 p.m. on December 5, 2023.

Algoma University is strongly committed to fostering diversity and inclusivity within our community and is an equal opportunity employer. The university invites and encourages applications from all qualified individuals who would contribute to the further diversification of our Institution, including equity-deserving groups that are traditionally underrepresented in employment (Indigenous peoples, racialized persons, women, persons with disabilities, and 2SLGBTQQIPA+ persons).

In accordance with the Accessibility for Ontarians with Disabilities Act, 2005, upon request, accommodation will be provided by Algoma University throughout the recruitment, selection, and/or assessment process for applicants with disabilities.