

Position – PhD Position in Community/Ecosystem Ecology, McMaster University, Department of Biology (Ontario, Canada)

Our lab at McMaster University, Hamilton, Ontario, is recruiting a Ph.D. student to pursue research in one of the two areas:

Links between local variation of community and ecosystem metrics (productivity, diversity, richness) and broader spatial patterns, and how such patterns can predict local variation. This project involves experimentation on and analysis of data from a system of natural microcosms (rock pools) in Jamaica but can also focus on modelling, mathematical analysis, and other data sets. Travel to Jamaica is a must.

Design, construction, and testing of autonomous indoor ecosystems. This project has applied focus related to the rapidly growing interest in indoor food production (e.g., aquaponics)

We seek students with passion for research and demonstrated familiarity with ecological methods and issues. Proven interest in meta-community theory, ecological stability, and multitrophic interactions in water will help. Competitive credentials for NSERC, Ontario Graduate Scholarship, or other graduate scholarships (high grades, some publications submitted or published) is a major asset.

McMaster normally requires an MSc degree to register in PhD program but excellent BSc students can be admitted as MSc students and transfer after a trial period.

If you wish to apply or make further inquiries, please contact **J Kolasa (kolasa@mcmaster.ca)**. Information about the campus and department can be found at <http://www.biology.mcmaster.ca/>

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