

Date: November 27, 2023

Postdoctoral Position in Healthcare Management Science at Western University

Department of Statistical and Actuarial Sciences
University of Western Ontario ("Western University")

Position Summary

We invite applications for a Postdoctoral Associate position at Western University to conduct research in healthcare management science, particularly developing new game theoretical models and contract policies. The successful candidate will work with several organizations linked to public healthcare services and will collaborate with the Co-PIs of the project, Prof. Felipe Rodrigues, Camila de Souza (King's University College and Department of Statistics and Actuarial Sciences, Western University), Prof. Salar Ghamat (Canada Research Chair in Supply chain management, Lazaridis School of Business, Wilfrid Laurier University), and collaborators Prof. Gregory Zaric (Ivey Business School at Western University), Prof. Rachel Birnbaum and Prof. Daniela Bendo ((School of Social Work and Department of Childhood and youth studies, King's University College at Western University).

Qualifications

- Ph.D. in Management Science, Operations Research, Industrial Engineering, Operations Management, Economics, Statistics, or related fields.
- Experience in research and publication in healthcare operations, management science or operations research.
- Strong communication skills and self-motivation.
- Expertise in Queueing theory and contract/game theory is an asset.
- Experience with algebraic manipulation in Wolfram Mathematica is an asset.

Term: The position will commence as soon as possible. This position is for one year, with the possibility of extending an additional year based on mutual consent. Teaching opportunities can be provided but are not required.

Application instructions: The application review will start immediately and continue until the position is filled. To apply, please send an email to (frodrig7@uwo.ca) with the following materials in PDF format:

- Cover letter.
- CV, including contact information and at least two references.
- Up to two research papers.

Please include "Prospective Postdoctoral Associate in Healthcare Management Science " in the Subject Heading of your email.

Felipe F. Rodrigues (he/him)

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Assistant Professor, Operations Management
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King's University College at Western University

About the Department of Statistical and Actuarial Sciences

The Department of Statistical and Actuarial Sciences (<https://www.uwo.ca/stats/>) offers an exceptional environment for interdisciplinary research, teaching, and training supported by 25 faculty members. It hosts undergraduate programs in Actuarial Science, Data Science, Financial Modelling and Statistics, graduate programs with M.Sc. and Ph.D. specializations, and a professional master's in Data Analytics (together with the Department of Computer Science). It is also a key contributor to the new initiative unifying instruction in Data Science across the campus community. It is also involved in a collaborative professional Masters in Financial Economics program jointly offered with Economics, Law, and Business. Faculty within the department study a diverse range of theoretical and applied problems and include members with joint appointments in Computer Science, Economics, Earth Sciences, Mathematics and affiliations with the Brain and Mind Institute.

About Western

With annual research funding exceeding \$220 million and an international reputation for success, Western ranks as one of Canada's top research-intensive universities. From fundamental to applied discovery and other scholarly activities, its scholars advance knowledge that provides tangible benefits for the economic, social, health and cultural development of citizens in London, Canada and worldwide. For more information about Postdoctoral Services at Western, see https://grad.uwo.ca/postdoctoral_services/.

Western Values Diversity

The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups, Indigenous persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression. Accommodation is available for applicants with disabilities throughout the recruitment process.

Felipe F. Rodrigues (he/him)

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