

Postdoctoral fellow position in Operations and Supply Chain Management

Area of Research

Applications are invited for a postdoctoral fellow position in Operations and Supply Chain Management at Ted Rogers School of Management, Ryerson University in Toronto, Ontario, Canada. The duration of the postdoctoral fellow position is one year with the possibility of renewal for the second year depending on budget availability. The appointee will take part in various research activities in Operations Management, Supply Chain Management, and Operations Research. In addition, the appointee will work with Dr. Hossein Zolfagharinia (Global Management Studies Department), and Dr. Saman Hassanzadeh Amin (Department of Mechanical and Industrial Engineering) at Ryerson University.

Responsibilities

The appointee will investigate transportation networks as a whole, and road transportation in remanufacturing and reverse logistics in particular. The appointee is expected to lead each stage of the investigation (i.e., data collection and analyses, modeling, developing solution algorithms, manuscript preparation, conference presentations, etc.).

Qualifications

The applicant must have a Ph.D. degree in Operations and Supply Chain Management, Management Science, Industrial Engineering, or a closely related discipline before the start date. Research experience in optimizing transportation networks, reverse logistics, remanufacturing, and recovery processes is highly desirable. Candidates with the following skills are preferred: 1) Discrete event simulation using Arena, Simul8, or Witness software packages; 2) Optimization under uncertainty including stochastic programming, robust optimization, chance-constrained programming, and fuzzy programming; 3) C/C++/CPLEX programming skills; and 4) familiarity with game theory approaches is a plus. Other considerations are:

- Earned a first doctorate from a recognized university no earlier than September 2014 (date all degree requirements were completed, not the date of graduation), or have completed a first doctorate no earlier than September 2011, but have since had their career interrupted or delayed for the purpose of maternity, childrearing, illness, or health-related family responsibilities.
- Not hold a tenure or tenure-track faculty position.

Application Materials

Applications must include a cover letter, current curriculum vitae, three samples of publications, in addition to an electronic submission of the names and contact information of three references to Dr. Zolfagharinia (h.zolfagharinia@ryerson.ca).

Anticipated Start Date

May 15, 2017. Applications received by April 15, 2017 will be given full consideration. However, the review of applications will continue until the position is filled. International applicants are welcome to apply. However, in accordance with the Canadian Immigration regulations, applications from Canadian citizens and permanent residents will be given priority.

The Ted Rogers School of Management is AACSB accredited and one of the top business schools in Canada, with a long history of providing top-quality business education in Toronto. It offers a Bachelor of Commerce (BComm) and graduate (MBA and MMSc) degrees in six schools. To learn more about these schools, please visit "www.ryerson.ca/tedrogersschool". Located in the heart of one of the world's most culturally and linguistically diverse urban centres, Ryerson University's high quality programs and scholarly, research and creative activities extend beyond the walls of the university.