



Postdoctoral Scholar Position



Area: HEALTHCARE OPERATIONS MANAGEMENT
Duration: TWO YEARS
Start date: SEPTEMBER 1, 2019 OR AS NEGOTIATED
Annual Stipend: UP TO \$70,000 (conditional on grant approval)

The **Operations and Supply Chain Management Area** in the **Faculty of the HASKAYNE SCHOOL OF BUSINESS** at the University of Calgary is accepting applications for a Postdoctoral Fellow in **HEALTHCARE OPERATIONS MANAGEMENT**.

Position Description

Applicants are invited for a postdoctoral research position in healthcare operations management at the Haskayne School of Business, University of Calgary. The researcher will work on projects related to the development of innovative, implementable and effective care delivery for improved healthcare delivery. Informed by an understanding of existing healthcare systems and practices, this research will advance the field of healthcare operations management through quantitative modeling and analysis. In particular, the researcher will mainly focus on the modeling of processes and decision making in emergency departments.

Our faculty has collaborative relationships with researchers in the Faculty of Medicine and with clinicians within the Alberta healthcare system. The successful candidate will work closely in a team of faculty members and medical practitioners under the supervision of Dr. Marco Bijvank and Dr. Eddy Lang, MD (Clinical and Academic Department Head for Emergency Medicine). It is anticipated that this research will be published in academic journals in operations management and in health services research or specific medical fields. The research scholar will also be expected to assist in preparing grant proposals.

Salary and benefits are competitive based on qualifications (up to \$70,000/year – conditional on grant approval). The initial appointment is for one year starting on September 1, 2019, and is renewable based on mutual consent and satisfactory performance. There is flexibility with regards to the starting date to accommodate the selected candidate.

Qualifications

Applicants must hold a Ph.D. in Operations Research, Industrial Engineering, Applied Mathematics/Statistics, or a related discipline, and have a great interest in applying operations research and analytics in healthcare delivery systems. The candidate must have strong skills in stochastic modeling and statistical analysis, and a good knowledge of computer programming. The candidate should have excellent research skills, enthusiasm for conducting research that is highly practical while based in theory, and the ability to work in a team. Previous research experience in a healthcare and/or health services context and/or experience in analyzing data and working with large real-world data sets would be an asset, but not required.

Application details

Interested individuals should email their curriculum vitae, motivation letter, research statement, a sample research manuscript and two letters of reference to Dr. Marco Bijvank at marco.bijvank@haskayne.ucalgary.ca. Requests for additional information should also be directed to him.

The review of applications will begin immediately and continue until the position is filled. To receive full consideration, please submit your application material **no later than December 15, 2018**.

About the University of Calgary

The University of Calgary is a leading Canadian university located in the nation's most enterprising city. The university has a clear strategic direction to become one of Canada's top five research universities, where innovative teaching and groundbreaking research go hand in hand, and where we fully engage the communities we both serve and lead. The strategy is called *Eyes High*, inspired by our Gaelic motto, which translates to 'I will lift up my eyes.'

To succeed as one of Canada's top universities, where new ideas are created, tested and applied through first-class teaching and research, the University of Calgary needs more of the best minds in our classrooms and labs. We're [increasing our scholarly capacity by investing in people](#) who want to change the world, bringing the best and brightest to Calgary to form a global intellectual hub and achieve advances that matter to everyone.

About Calgary

Named a cultural capital of Canada and one of the best places to live in the world, Calgary is a city of leaders – in business, community, philanthropy and volunteerism. Calgarians benefit from the strongest economy in the nation and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Calgary respects, appreciates, and encourages diversity.