KEITH ROGERS, PhD

Keith.Rogers@Queensu.ca
Queen's University, Goodes Hall, Kingston, ON, K7L 3N6

EDUCATION:
Ph.D., Management (2009)
Operations and International Management
Queen's University, Kingston, Ontario

Master of Applied Science, Management Sciences (1996)
Supply Chain Management
University of Waterloo, Waterloo, Ontario

Master of Arts, Economics (1994)
Econometrics
Queen's University, Kingston, Ontario

PUBLISHED RESEARCH:

Jenkin, Tracy A., Chan, Yolande E., Skillicorn, David B., and Rogers, Keith W. "Individual Exploration, Sensemaking and Innovation: A Design for the Discovery of Novel Information". Decision Sciences, 44(6), 2013.

Mihir A. Desai, Devesh Kapur, John McHale, Keith Rogers, "The Fiscal impact of High-Skilled Emigration: Flows of Indians to the U.S.", Journal of Development Economics (2009).

Michelle Inness, Julian Barling, Keith Rogers, Nick Turner, "De-marketing Tobacco Through Price Changes and Consumer Attempts to Quit Smoking", Journal of Business Ethics (2008).

Keith Rogers, Lyn Purdy, Frank Safayeni, P. Robert Duimering, "A Supplier Development Program: Rational Process or Institutional Image Construction?", Journal of Operations Management (2007).

CONFERENCE PUBLICATIONS AND PRESENTATIONS:

"The Effects of 'Green' on IT/S Projects: Recycling the Garbage Can Model," Rogers, Keith W., Jenkin, Tracy A., Corbett, Jacqueline, Webster, Jane. In The Proceedings of the Hawaii

International Conference on System Sciences (HICSS), January 2013. Best Paper Award.

"Supplier Governance and the Outsourcing Lifecycle," Keith Rogers, Chialin Chen, Annual Production and Operations Management Society Conference, 2011.

"Selecting Economic Immigrants, an Actuarial Approach," John McHale, Keith Rogers, CLSRN Immigration Workshop, October 2007.*

"Strategic Pricing in Online Auctions", Keith Rogers, Terrence Beckman, ASAC, June 2007.

"Optimal Design of an Immigration Points System," John McHale, Keith Rogers, Canadian Economics Association, May 2006.*

TEXTBOOKS:

"Statistics for Analytics and Artificial Intelligence, 2nd edition" (with Alex Scott)

"Analytical Decision Making" (with Alex Scott)

"From Data to Insight" (with Alex Scott)

OTHER PUBLICATIONS:

"A Tool to Personalize Your Teaching," Keith Rogers and Ana Ortiz de Guinea, 2012, ISBN: 978-0-9866653-4-9

TEACHING CASE DEVELOPMENT:

"Urban Closet", Keith Rogers, Tracy Jenkin, Alex De Rosa, 2020

"Plastex", Keith Rogers, Tracy Jenkin, 2015

"China Manufacturing and Design", Keith Rogers 2014.

"Wyatt Technology", Keith Rogers, Tracy Jenkin, 2013.

"Chemco: The Global Production and Inventory Planning Project", Keith Rogers, Tracy Jenkin,

Teaching Case & ICBC Competition Case (2008).

TEACHING INTERESTS:
Primary Interests:
- Statistics / Econometrics
- International Business & Strategy
- Operations management

TEACHING EXPERIENCE:
Comm 161 – Introduction to Mathematical Analysis for Management
Comm 162 – Managerial Statistics
Comm 172 – Managerial Economics
Comm 173 – International Business
Comm 341 – Operations Management
Comm 375 – International Business and the Nonmarket Environment
APSC 400 – Technology Engineering and Management Advisor, Topic: Developing a Sustainable Energy Strategy for Mining in West Africa
CHEE 421 – Chemical Engineering Thesis Co-Supervisor: Alternative uses for Distressed Natural Gas
Preparatory Mathematics for Graduate Students
MMA 860 – The Acquisition and Analysis of Data
MMA 863 – Mathematical Foundations for Analytics
MMAI 863 – Mathematics and Development Techniques for AI
MBAS 860 – Mathematical Foundations for Analytics
MGMT 988 – Applied Statistics and Econometrics, Guest Lecturer, Topics: Event Studies and Bootstrapping

Directed Readings on Various Topics:
Comm 501 – Social Entrepreneurship
Comm 501 – Applications of Combinatorial Optimization to Route Planning
Comm 501 – The WTO's Dispute Settlement Mechanism
Comm 501 – Enhanced Oil Recovery Techniques
Comm 501 – Optimal Tax for Oil Extraction
Comm 501 – Arrow's Impossibility Theorem and Business Ethics
Comm 501 – Bootstrapping to Control for Family-wise Error
Comm 501 – Turning Out for Trade: An Examination of the Relationship Between U.S. Voter Turnout and the Design of American Trade Policy Since 1934
Comm 501 – Application of Genetic Algorithms to a scheduling system
Comm 501 – Readings in Evolutionary Psychology (two deliveries)
Comm 501 – Social, Commercial and Economics Impact of AI
Comm 502 – Developing a scheduling system using Taboo Search

ACADEMIC / UNIVERSITY SERVICE:
- Smith Renewal, Promotion Tenure Committee Equity Rep, 2018-2019
- Smith Workload Committee (Chair) 2018-
- Smith Commerce Equity / Diversity Committee 2017-2018
- Smith Commerce Academic Integrity Committee 2017-2018
- Smith Commerce Culture Committee 2017-2018
- Adjunct Fund for Scholarly Research Adjudication Committee 2016-2017
- Smith Renewal, Promotion Tenure Committee 2016-Present
- Smith School of Business Appointments Committee, Equity Rep 2013-2016
- Academic Appeals Committee of the Faculty Board, 2009-Present
- Reviewer for Journal of Strategic Information Systems
- Reviewer for Higher Education Division | Oxford University Press

- Various Case Judging 2009-Present
- Teaching Assistant Management Committee, 2011-2012
- Faculty of Law Internal Academic Review Team, 2007-2008
- Principal's Advisory Committee, reappointment of Dean of the School of Business, 2007
- Promotion, Tenure and Review Committee, 2006-2007.
- Ph.D./M.Sc. Committee (i.e. admissions and program design) 2004-2005
- Queen's Entrepreneurship Competition – Case Competition Judge
- Queen's Conference on Business and the Environment – Case Competition Judge
- Intercollegiate Business Competition – Case writer

FELLOWSHIPS AND AWARDS:

2018 Smith Teaching Fellowship
2017 Frank Knox Teaching Award (Honorable Mention)
2010 Frank Knox Teaching Award (Nominee)
2007 Frank Knox Teaching Award (Nominee)
2004-2007 Social Sciences and Humanities Research Council of Canada Doctoral Fellowship
2004 Ontario Graduate Scholarship, declined in favor of the SSHRC Doctorial Fellowship
2004 Geoffrey H. Wood Scholarship
2004 McLaughlin Scholarship
1995 University of Waterloo, Management Science Student Scholarship
1994 University of Waterloo, Management Science Student Scholarship

PROFESSIONAL EXPERIENCE:

Accenture, Austin, TX 2000-2002
Manager, Supply Chain Planning and Strategy

- 2001 – 2002: Major Electronics Firm in Printer / Copier / Fax business. Managed Supply Chain Strategy team. Identified and implemented process improvements along with technical changes to reduce inventory and obsolescence, while improving customer service levels in support of corporate strategy.
- - 2000 – 2001: Flexible B2B Exchange. Led supply chain integration activities in the development of a prototype B2B exchange integrating I2's Demand Planner, Collaborative Planner, Factory Planner, Ariba / Commerce 1 and other solutions.

Methanex Corporation, Vancouver, B.C. 1996-2000
Global Operations / Supply Chain Management

- Developed tools and processes to improve supply chain planning, including: large-scale linear programs, inventory simulations, and inventory tracking tools.
- Led Global Supply Chain Planning team consisting of 4 regional planners. Responsibilities included: plant scheduling, product allocation, shipping and inventory management.
- Identified, negotiated, and managed inter-company product swaps worth more than $20 million.
- Supported corporate development projects by evaluating potential plant sites and major acquisitions.
- Contributed to the development and implementation of marketing strategies.