

Shaun Shaikh

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Department of Economics
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Education Ph.D. Economics Candidate, McMaster University, Hamilton, ON (exp. 2018)
 M.A. Economics, McMaster University, Hamilton, ON
 B.A. Economics, University of Waterloo, Waterloo, ON
 B.Math. University of Waterloo, Waterloo, ON

Areas of Interest

Applied Micro-econometrics, Health Economics, Labour Economics, Demography
Econometrics of Partial Identification, Measurement Error, Dependent Censoring/Competing Risks

Ph.D. Advisory Committee

Arthur Sweetman (Chair), Mike Veall, Paul Contoyannis

Thesis Econometric Analysis of Missing Data Problems in the Acute and Ambulatory Care of Ontario Cardiac Arrest Patients

- **Chapter 1:** (*Job Market Paper*): Evaluating Trends in Successful Resuscitation after Cardiac Arrest under Trending Misclassification Error: Estimating Bounds under Partially Verified Data, with Arthur Sweetman
- **Chapter 2:** Temporal Trends in Survival for Patients with In-hospital Cardiac Arrest in Ontario: 2003-2010, with Ahmad von Schlegell, Mathew Mercuri, Madhu K. Natarajan, and Arthur Sweetman
- **Chapter 3:** What Happens after Cardiac Arrest? Patterns of Care with Patient Enrollment, with Arthur Sweetman
- **Chapter 4:** Living for the Weekend with Cardiac Arrest: Survival and Discharge Location by Day of the Week of Arrest Occurrence

Published Peer-reviewed Journal Articles

Nigar Sekercioglu, Shaun Shaikh, Gordon H. Guyatt, Jason W. Busse, 'Derivation and Validation of a Prognostic Model for Workers Disabled by Depression', *Journal of Clinical and Analytical Medicine*, 2017, 8(4), Pages 351-356

Nigar Sekercioglu, Jason W. Busse, M. Fatih Sekercioglu, Arnav Agarwal, Shaun Shaikh, Luciane Cruz Lopes, Reem A. Mustafa, Gordon H. Guyatt and Lehana Thabane, 'Cinacalcet Versus Standard Treatment for Chronic Kidney Disease: A Systematic Review and Meta-analysis', *Renal Failure*, 2016, 38(6), Pages 857-874

Work-in-progress

'The Exit Rate of Immigrants in Ontario from Disability Support: A Flexible Parametric Duration Model', with Saeed Kamyana

Conference and Seminar Presentations

Department of Economics Seminar, Econometrics Series, Northwestern University, Evanston, IL

'Trends in Successful Resuscitation after Cardiac Arrest under Trending Misclassification Error: Estimating Bounds under Partially Verified Data' (Sept. 2017)

Health, Econometrics and Data Group Seminar, University of York, York, UK

'Evaluating Trends in Successful Resuscitation after Cardiac Arrest under Trending Misclassification Error: Estimating Bounds under Partially Verified Data' (Jun. 2017)

Canadian Economics Association Meetings 2016, University of Ottawa, Ottawa, ON

'What Happens after Cardiac Arrest? Patterns of Care with Patient Enrollment' (Jun. 2016)

Waterloo Economics PhD Conference, University of Waterloo, Waterloo, ON

'Time to Visit GP after Cardiac Arrest' (May 2016)

Primary Care Reform Symposium, University of Toronto, Toronto, ON

'In-hospital Cardiac Arrest, Post-Discharge Primary Care and Health Outcomes' (Jan. 2016)

Scholarships/Awards

2014-2017 - McMaster University Graduate Scholarship

2013-2014 - CLSRN Ph.D. Fellowship

Academic Research Employment

Research Assistant: Charles Manski, Northwestern University Summer, Fall 2017

- Coded user interface and back-end logic in Python for a clinical software tool to predict expected remaining lifetime under user inputted risk factor information to augment public life table data
- Statistical techniques required solving numerical linear programming problems to bound (i.e., partially identify) expected remaining lifetime, given aggregate distribution of demographics and user inputted risk factors and restrictions (i.e., monotonicity and bounded variation conditions)

Research Assistant: Arthur Sweetman, McMaster University Summer 2013 to Summer 2016

- Data preparation and analysis using Stata on large linked Ontario administrative health datasets related to topics on Ontario primary care reform

Academic Teaching Employment

Teaching Assistant, *Graduate Level Courses*, McMaster University

Applied Microeconometrics (769)	Winter 2017
Econometrics I (761)	Fall 2017
Microeconomic Theory for Public Policy (727)	Fall 2017

Teaching Assistant, *Undergraduate Level Courses*, McMaster University

Econometrics I (3U03)	Winter 2017
Applied Econometrics (3WW3)	Winter 2017
Econometrics II (4G03)	Fall 2016
Economics of Labour Market Issues (2A03)	Fall 2015
Health Economics (3Z03)	Winter 2013
Intermediate Microeconomics II (2GG3)	Winter 2013
Introduction to Game Theory (3M03)	Fall 2012
Industrial Organization (3S03)	Fall 2012
Intermediate Microeconomics I (2G03)	Fall 2012

Software

Stata, R, Python, Matlab, Dynare

External Courses

'Statistical decision theory for treatment choice and prediction' Charles Manski and Aleksey Tetenov, Institute for Fiscal Studies, <i>London, UK</i>	May 2017
'Partial identification in practice' Adam Rosen, Institute for Fiscal Studies, <i>London, UK</i>	June 2017