

Anand Acharya

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Citizenship: Canadian

Office Contact Information

Loeb B881, Carleton University
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Academic Appointment

Adjunct Research Professor
Department of Economics
Carleton University, Ottawa ON

Professional Position

Pilot, B777, Air Canada
(15,000 + Flight hours)

Education

PhD (2016) Economics (Field – Econometrics)
Carleton University, Ottawa ON
Senate Medal

MA Economics
Carleton University, Ottawa ON

BA (Hons) Honours Economics and Commerce
Royal Military College of Canada, Kingston ON
Departmental Medal

Research Field

Health Economics

Working papers

1. **Acharya A**, Khalaf L, Voia M, Yazbeck M, Wensley D. Severity of Illness and the Duration of Intensive Care. HCEO Working Paper 2021-003, January 2021.

Peer-reviewed publications

2. Reis-Pina P, **Acharya A**, Barbosa A, Lawlor PG. Episodic cancer pain: Patient reporting, prevalence, and clinicodemographic associations at initial cancer pain clinic assessment. *Pain Research Management* 2020 May. <https://doi.org/10.1155/2020/6190862>
3. Woodger O, Menon K, Yazbeck M, **Acharya A**. A pragmatic method for identification of long-stay patients in the PICU. *Hospital Pediatrics* 2018 Oct;8(10):636-642. <https://doi.org/10.1542/hpeds.2018-0077>
4. Menon K, McNally JD, **Acharya A**, O’Hearn K, Choong K, Wong H, McIntyre L, Lawson M. Random serum free cortisol and total cortisol measurements in pediatric septic shock. *Journal of Pediatric Endocrinology and Metabolism* 2018 Jul 26;31(7):757-762. <https://doi.org/10.1515/jpem-2018-0027>
5. Reis-Pina P, **Acharya A**, Lawlor P. Cancer pain with a neuropathic component: a cross-sectional study of its clinical characteristics, associated psychological distress, treatments and predictors at referral to a cancer pain clinic. *Journal of Pain and Symptom Management* 2018 Feb;55(2):297-306. <https://doi.org/10.1016/j.jpainsymman.2017.08.028>
6. Sample M, **Acharya A**, O’Hearn K, Livingstone S, Menon K. The relationship between remoteness and outcomes in critically ill children. *Pediatric Critical Care Medicine* 2017 Nov;18(11):514-520. <https://doi.org/10.1097/PCC.0000000000001318>
7. Menon K, O’Hearn K, McNally JD, **Acharya A**, Wong HR, Lawson M, Ramsay T, McIntyre L, Gilfoyle E, Tucci M, Wensley D, Gottesman R, Morrison G, Choong K. Comparison of consent models in a randomized trial of corticosteroids in pediatric septic shock. *Pediatric*

- Critical Care Medicine* 2017 Nov;18(11):1009-1018. doi.org/10.1097/PCC.0000000000001301
8. Menon K, McNally JD, O’Hearn K, **Acharya A**, Wong HR, Lawson M, Ramsay T, McIntyre L, Gilfoyle E, Tucci M, Wensley D, Gottesman R, Morrison G, Choong K. A Randomized Controlled Trial of Corticosteroids in Pediatric Septic Shock: A pilot feasibility trial. *Pediatric Critical Care Medicine* 2017 June 18(6): 505-512. [https://doi: 10.1097/PCC.0000000000001121](https://doi.org/10.1097/PCC.0000000000001121)
 9. O’Hearn K, McNally JD, Choong K, **Acharya A**, Wong HR, Lawson M, Ramsay T, McIntyre L, Gilfoyle E, Tucci M, Wensley D, Gottesman R, Morrison G, Menon K. Steroids in fluid and/or vasoactive infusion dependent pediatric shock: study protocol for a randomized controlled trial. *Trials* 2016 May 6;17(1):238. <https://doi.org/10.1186/s13063-016-1365-6>

Grants

2019	Carleton University Multidisciplinary Research Catalyst Fund (MRCF), <u>Co-applicant</u> , “Migration Policy Research Cluster” \$50,000
2018	Canadian Institutes of Health Research (CIHR), <u>Co-investigator</u> , “Stress Hydrocortisone in Pediatric Septic Shock” \$1,101,600
2017	Canadian Institutes of Health Research (CIHR), <u>Co-investigator</u> , “Stress Hydrocortisone in Pediatric Septic Shock”, \$100,000
2014	Children’s Hospital of Eastern Ontario Research Institute, Research Growth Award, <u>Co-investigator</u> , “Development of a Comprehensive Cost Model in the Pediatric Intensive Care Unit”, \$29,231.07
2014	Canadian Institutes of Health Research (CIHR), <u>Co-investigator</u> , “Steroid Use in Pediatric Fluid and Vasoactive Infusion Dependent Shock”, \$597,372

Abstracts, Presentations, and Posters

International

1. Woodger O, **Acharya A**, Menon K, Yazbeck M. Abstract P-039: Defining long-stay patients in the pediatric intensive care unit: A survey of medical directors, nurse managers, and hospital administrators. *Pediatric Critical Care Medicine*. 2018 Jun 1;19(6S):61. WFPICCS, Singapore, June 2018. –Presented by O.Woodger doi: 10.1097/01.pcc.0000537496.95303.ef
2. **Acharya A**, Woodger O, O’Hearn K, Creery D, Menon K. Abstract P-316: The impact of the presence of long-stay patients on pediatric intensive care unit patient flow. *Pediatric Critical Care Medicine*. 018 Jun 1;19(6S):143. WFPICCS, Singapore, June 2018. doi: 10.1097/01.pcc.0000537773.33357.cd
3. “Endogeneity in parametric duration models with applications to clinical risk indices.” IAAE, Milan, IT, June 2016. – Presented by M. Voia
4. “Endogeneity in parametric duration models with applications to clinical risk indices.” OxMetrics, London, UK, Sept 2014.
5. “Endogeneity in parametric duration models with applications to clinical risk indices.” New York Camp Econometrics IX, Watkins Glen, NY, April 2014. – Presented by M. Voia
6. “Endogeneity in parametric duration models with applications to clinical risk indices.” CFE-ERCM, London, UK, Dec 2013.

National

7. “Specialized health utilization, child health ability, and personalized-precision medicine.” CIRANO workshop: "Personalized Medicine: Legal and Economic Analyses in a Fast-Changing Field", Montreal, QC, March 2019.
8. “Specialized health utilization, child health capability, and personalized-precision medicine.”, SCSE, Montreal, QC, May 2018. – Presented by L. Khalaf
9. “Effect of distance to pediatric critical care services on PICU outcomes.” CCCF, Toronto, ON, Oct 2017. -Presented by M. Sample
10. “Robust instrumental variables with accelerated life regressions: trauma, illness severity and length of stay.” UBC, Vancouver, BC, Nov 25, 2015 – Presented by L. Khalaf

Local

11. “Specialized health care utilization and unmeasured health status: Evidence from critically ill children in Canada.” Canada and the World Economy Seminar in Health Economics, University of Ottawa, Ottawa, ON, June 2019.
12. “Robust inference for confounding and endogenous censoring with lifetime data.” CESG, Ottawa, ON, Oct 2018. –*Poster*
13. “Simulation Based Robust IV Inference for Life-time Data.” Canadian Stata User’s Meeting, Bank of Canada, Ottawa, ON, June 2017. <https://ideas.repec.org/p/boc/csug17/15.html>
14. “Robust instrumental variables and accelerated life regressions.” Inaugural Carleton University Senate Medal Lecture, Carleton University, Ottawa, ON, Nov 2016.
15. “Robust instrumental variables.” Micro-econometrics Workshop, Bank of Canada, Ottawa, ON, Oct 2014.
16. “Endogeneity in parametric duration models with applications to clinical risk indices.” SCSE, Ottawa, ON, May 2014- *Presented by L Khalaf.*

Teaching

2019	<i>Instructor</i> – Directed Readings Micro-econometric Theory and Applied Probability ECON6904
2019	<i>Guest Lecture</i> – Health Economics ECO6174 (University of Ottawa)
2016	<i>Guest Lecture</i> – Econometrics II ECON6027
2014	<i>Instructor</i> Mathematical Methods for Economics ECON2400
2011	<i>Teaching Assistant</i> for Prof. Keir Armstrong Microeconomic Theory ECON4020

Graduate Student Supervision

2018 – <i>present</i>	Audrey Appiah Minta – PhD thesis <i>committee member</i> Department of Economics, University of Ottawa
2017 – <i>present</i>	Owen Woodger – PhD thesis <i>co-supervisor</i>
2016 - 2017	MA thesis <i>supervisor</i> – published <i>Hospital Pediatrics</i> Department of Economics, Carleton University