

# Ashley L. O'Donoghue, PhD

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Center for Healthcare Delivery Science  
Beth Israel Deaconess Medical Center  
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## EDUCATION

2020	Ph.D.	Economics <i>Field: Applied Econometrics</i>	Clark University
2017	M.A.	Economics	Clark University
2015	B.A. <i>magna cum laude</i>	Economics and Mathematics	Assumption College

## EXPERIENCE

### Research Experience

2020 – Present	<b>Economist</b> , Center for Healthcare Delivery Science Beth Israel Deaconess Medical Center
2018 – 2019	<b>Pre-Doctoral Research Fellow</b> , Center for Healthcare Delivery Science Beth Israel Deaconess Medical Center
2016 – 2018	<b>Summer Research Assistant</b> , Department of Economics Clark University
2014 – 2015	<b>Research Intern</b> Worcester Regional Research Bureau

### Teaching Experience

<b>Instructor, Department of Economics, Clark University</b>		
Fall 2019	Economics & the World Economy	4.92/5.00
Fall 2018	Economics & the World Economy	4.83/5.00
<b>Teaching Assistant, Department of Economics, Clark University</b>		
Spring 2019	Economics & the World Economy	4.9/5.0
Spring 2018	Introduction to Statistics	4.8/5.0
Fall 2017	Economics & the World Economy	4.8/5.0
Spring 2017	Introduction to Statistics	4.8/5.0
Fall 2016	Introduction to Statistics	4.9/5.0
Spring 2016	Economics & the World Economy	4.6/5.0
Fall 2015	Economics & the World Economy	4.5/5.0

## PUBLICATIONS

- Horng S, Joseph J, Calder S, Stevens J, **O'Donoghue A**, Safran C, Nathanson L, Leventhal E (2019), "Assessment of Unintentional Duplicate Orders by Emergency Department Clinicians Before and After Implementation of Visual Aid in the Electronic Health Record Ordering System" *JAMA Network Open*. 2019;2(12):e1916499.  
**Media Coverage:** Becker's Hospital Review, JNO Live
- Mitra A, Griesdale D, Haljan G, **O'Donoghue A**, Stevens J (2020), "How the high acuity unit changes mortality in the intensive care unit: a retrospective before-after study". Forthcoming at *Canadian Journal of Anesthesia*.

## MANUSCRIPTS UNDER REVIEW

- Tsaneva M, **O'Donoghue A** (2019), "The effect of a large-scale workfare program on child marriage in India". Revision requested.
- Horng S, **O'Donoghue A**, Calder S, Stevens J (2020) "Prospective cohort study of a proof-of-concept method to monitor nursing stress in the emergency department before and after an operational change". Under review.

## ONGOING PROJECTS

- O'Donoghue A**, Dechen T, Pavlova W, Boals M, Moussa G, Madan M, Thakkar A, DeFalco F (2020) "Super-spreader businesses and risk of COVID-19 transmission".  
**Awards:** Winner of the MIT COVID-19 Challenge Datathon
- O'Donoghue A** (2020) "The effect of the Medicaid expansion on opioid prescribing rates and drug-related foster care removals".
- O'Donoghue A** (2020) "The effect of naloxone access on opioid-related mortality".
- O'Donoghue A** (2020) "Criminalization of prenatal substance use and infant health".

## CONFERENCE PRESENTATIONS (including scheduled)

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| 2020 | "The effect of the Medicaid expansion on opioid prescribing rates and drug-related foster care removals"<br><b>AcademyHealth's 2020 Annual Research Meeting</b> , Boston, MA   |
| 2020 | "The effect of the Medicaid expansion on opioid prescribing rates and drug-related foster care removals"<br><b>American Society of Health Economists' 9<sup>th</sup> Annual Conference</b> , St. Louis, MO                             |
| 2020 | "Prospective cohort study of a proof-of-concept method to monitor nursing stress in the emergency department before and after an operational change"<br><b>BIDMC's Artificial Intelligence/Machine Learning Symposium</b> , Boston, MA |
| 2020 | "The effect of the Medicaid expansion on opioid prescribing rates and drug-related foster care removals"<br><b>Eastern Economic Association 46<sup>th</sup> Annual Meeting</b> , Boston, MA  |
| 2019 | "The effect of a large-scale workfare program on child marriage in India"<br><b>Southern Economic Association 89<sup>th</sup> Annual Meeting</b> , Fort Lauderdale, FL   |
| 2019 | "The effect of a large-scale workfare program on child marriage in India"<br><b>IUSSP Population, Poverty and Inequality Research Conference</b> , Ann Arbor, MI   |
| 2019 | "The effect of naloxone access on opioid-related mortality"  |

2019	Clark University's 17 <sup>th</sup> Multidisciplinary Conference, Worcester, MA "The effect of a large-scale workfare program on child marriage in India"
2014	Clark University's 17 <sup>th</sup> Multidisciplinary Conference, Worcester, MA "The non-linear impact of family income on child educational outcomes"
	24 <sup>th</sup> Business and Economics Society International Conference, Florence, Italy

## INVITED SPEAKER

2019	"The effect of naloxone access on opioid-related mortality" Fitchburg State University Seminar Series, Fitchburg, MA
2018	"Effective Strategies for Teaching Assistants", panelist University-Wide Teaching Assistant Orientation, Worcester, MA
2017	"Effective Strategies for Teaching Assistants", panelist University-Wide Teaching Assistant Orientation, Worcester, MA

## HONORS AND AWARDS

2020	Lead of winning team, MIT COVID-19 Challenge Datathon	MIT
2018 – 2019	Outstanding Teaching Assistant of the Year Award	Clark University
2017 – 2018	Department of Economics' Nominee for the Outstanding Teaching Assistant of the Year Award	Clark University
2016 – 2017	Department of Economics' Nominee for the Outstanding Teaching Assistant of the Year Award	Clark University
2015 – 2020	Ph.D. Full Tuition Scholarship	Clark University
2014	Conference Travel Award	Assumption College
2014	Omicron Delta Epsilon Economics Honor Society	Assumption College
2014	Kappa Mu Epsilon Mathematics Honor Society	Assumption College
2011 – 2014	Undergraduate Partial Tuition Scholarship	Assumption College
2011 – 2014	Dean's List	Assumption College

## PROFESSIONAL SERVICE

2020	American Society of Health Economists Annual Conference, Scientific Review Committee
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## PROFESSIONAL DEVELOPMENT

2019	Machine Learning Course, Stanford University	Coursera
2019	Applied Data Science in Python Specialization Certificate, IBM	Coursera
2018	Seminar in College Teaching Course	HECCMA
2016	Project TIER (Teaching Integrity in Empirical Research) Workshop	Clark University

## PROFESSIONAL AFFILIATIONS

American Society of Health Economists  
International Union for the Scientific Study of Population

Midwest Economic Association  
Southern Economic Association

## **SKILLS**

Stata, Python, SQL, LaTeX, GIS

*Last Updated: May 24, 2020*