

## KATHERINE J. WEN

### CONTACT INFORMATION

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### EDUCATION

Ph.D., Policy Analysis and Management, Cornell University	Expected 2021
M.S., Policy Analysis and Management, Cornell University	2018
M.P.P., University of Michigan	2013
B.A., Economics, Bowdoin College	2010

### RESEARCH FIELDS

Health economics, applied microeconomics

### JOB MARKET PAPER

“Influenza vaccination requirements in nursing homes: impacts on vaccination, diagnoses, and mortality”

*Abstract:* Nursing home residents face both a high risk of influenza and influenza-related mortality. Influenza vaccinations can reduce these risks, but take-up remains suboptimal, in part because people may ignore the spillover benefit of herd immunity (positive externalities of vaccination). One approach that states have taken is to mandate influenza vaccination for nursing home residents and/or for nursing home healthcare workers. This paper estimates the effect of such state policies on a range of relevant outcomes. Specifically, I estimate difference-in-differences models, comparing the change in outcomes among states passing such mandates to the change in outcomes among states that did not pass them. The outcomes include vaccination take-up, influenza-like illness diagnoses, and deaths, and the models are estimated using the Long Term Care Minimum Data Set, Medicare claims, Nursing Home Compare data, and the National Vital Statistics System multiple cause of death files. Model results indicate that resident influenza vaccination requirements increase vaccination take-up by 4% and decrease in influenza-like illness diagnoses 11-15%. These results may be useful in projecting the impact of requiring COVID vaccinations for nursing home residents and workers, given that COVID, like influenza, has spread quickly and had particularly fatal consequences among nursing home residents.

### PUBLICATIONS, PEER REVIEWED

Pichler, Stefan, **Katherine Wen**, and Nicolas Ziebarth. Positive health externalities of mandating paid sick leave. *Journal of Policy Analysis and Management* (forthcoming).

Media coverage: [New York Times Upshot](#) March 1, 2020; [New York Times Op-Ed](#) March 3, 2020; [Washington Post](#) March 4, 2020; [Pew Charitable Trusts](#) March 18, 2020

Pichler, Stefan, **Katherine Wen**, and Nicolas Ziebarth. COVID-19 emergency sick leave has helped to flatten the curve. *Health Affairs* (forthcoming).

Bao, Yuhua, **Katherine Wen**, Phyllis Johnson, Lisa R. Witkin, M. Carrington Reid. Abrupt discontinuation of long-term opioid therapies among privately insured or Medicare Advantage adults, 2011-2017. *Pain Medicine* (forthcoming).

**Wen, Katherine**, Phyllis Johnson, Philip J. Jeng, Bruce R. Schackman, and Yuhua Bao. 2020. State policies for prescription drug monitoring programs and adverse opioid-related hospital events. *Medical Care* 58(7): 610-616.

Rosen, Tony, Yiye Zhang, Yuhua Bao, Sunday Clark, Alyssa Elman, **Katherine Wen**, Philip J. Jeng and Mark S. Lachs. 2020. Can artificial intelligence help identify elder abuse and neglect? *Journal of Elder Abuse & Neglect* 32(1): 97-103.

Cawley, John, Anne Marie Throw, **Katherine Wen**, and David Frisvold. 2019. The economics of taxes on sugar-sweetened beverages: a review of the effects on prices, sales, cross-border shopping, and consumption. *Annual Review of Nutrition* (39): 317-338.

Bao, Yuhua, **Katherine Wen**, Phyllis Johnson, Philip J. Jeng, Zachary Meisel, and Bruce R. Schackman. 2018. Assessing the impact of state policies for prescription drug monitoring programs on high-risk opioid prescriptions. *Health Affairs* 37(10): 1596-1604.

Cawley, John, and **Katherine Wen**. 2018. Policies to prevent obesity and promote healthier diets: a critical selective review. *Clinical Chemistry* 64(1): 163-172.

#### **WORKING PAPERS**

“Does providing insurance coverage reduce the spread of infectious disease? Evidence from HIV diagnoses” (with Alex Hollingsworth, Shyam Raman, and Daniel Sacks)

“Identifying patterns of health care utilization among physical elder abuse victims using Medicare data and legally adjudicated cases: protocol for case-control study using data linkage and machine learning” (with Tony Rosen, Yuhua Bao, Yiye Zhang, Sunday Clark, Alyssa Elman, Philip J. Jeng, Elizabeth M. Bloemen, Daniel Lindberg, Richard Krugman, Jacquelyn Campbell, Ronet Bachman, Terry Fulmer, Karl Pillemer, Mark S. Lachs)

“Robustness of state prescription drug monitoring programs and abrupt discontinuation of long-term opioid use” (with Yuhua Bao, Hao Zhang, Phyllis Johnson, Philip J. Jeng, Lisa Witkin, Sean Nicholson, M. Carrington Reid, Bruce R. Schackman)

#### **WORKS IN PROGRESS**

“Identification and diagnosis of elder mistreatment in health care using ICD codes: results from a large national database of Medicare Advantage and private insurance patients, 2011-17” (with Tony Rosen, Yuhua Bao, Sunday Clark, Alyssa Elman, Philip J. Jeng, and Yiye Zhang)

#### **PUBLICATIONS, NON-PEER REVIEWED**

Klerman, Jacob, Robin Koralek, Ashley Miller, and **Katherine Wen**. 2012. *Job search assistance programs - A review of the literature*. OPRE Report No. 2012-39. Washington DC: Office of Planning, Research and Evaluation, Administration for Children and Families, U.S. Department of Health and Human Services.

Pozniak, Alyssa, **Katherine Wen**, Krista Olson, Kelly Daley, and Jacob Klerman. 2012. *Family and Medical Leave in 2012: Detailed results appendix*. Cambridge, MA: Abt Associates.

Connor, Patty, Susan Bartlett, Michele Mendelson, Kelly Lawrence K, **Katherine Wen**, et al. 2011. *WIC participant and program characteristics 2010, WIC-1-PC*. Alexandria, VA: Office of Research and Analysis, Food and Nutrition Services, U.S. Department of Agriculture.

## GRANTS

Cornell University Institute on Health Economics, Health Behaviors and Disparities (\$1,000) 2019

Center for Health Economics of Treatment Interventions for Substance Use Disorders, HCV, and HIV. “Policies to improve prescriber use of Prescription Drug Monitoring Programs and Opioid-Related Inpatient and Emergency Department Events.” Supported by National Institute on Drug Abuse (P30DA040500). Role: Principal Investigator (\$10,000) 2018-2019

## CONFERENCE AND SEMINAR PRESENTATIONS

+scheduled, ++canceled due to COVID-19, \*presented by co-author

American Society of Health Economists Conference++ 2020

Association for Policy Analysis and Management Fall Research Conference+

Bowdoin College+

Cornell University Institute on Health Economics, Health Behaviors and Disparities Seminar

Cornell University Policy Analysis and Management Seminar

Southern Economic Association Annual Meeting+

Southern Utah University

Triangle Health Economics Workshop+

AcademyHealth Annual Research Meeting – best poster nomination 2019

American Society of Health Economists Conference

Association for Policy Analysis and Management Fall Research Conference\*

Cornell University Institute on Health Economics, Health Behaviors and Disparities Seminar

Southern Economic Association Annual Meeting

University of Michigan H2D2 Research Day

American Society of Health Economists Conference 2018

Association for Policy Analysis and Management Fall Research Conference

## RESEARCH EXPERIENCE

Research Assistant, Anthony Rosen, Weill Cornell Medicine 2019-2021

“Identifying Patterns of Health Care Utilization Among Physical Elder Abuse Victims Using Medicare Data and Legally Adjudicated Cases” National Institute on Aging (R01 AG060086)

Research Assistant, Pauline Leung, Cornell University Summer 2017, Fall 2017, Spring 2019

Research Assistant, John Cawley, Cornell University Summer 2018

Research Assistant, Nicolas Ziebarth, Cornell University Spring 2018, Fall 2018

Research Assistant, Zhuan Pei, Cornell University Summer 2016

Technical Analyst, MDRC 2014-2015

Intern, Council of Economic Advisers Summer 2013

Associate Analyst, Abt Associates

2010-2012

### TEACHING EXPERIENCE

Microeconomics for Management and Policy (PAM 5470; tutor)	Spring 2017, Spring 2018
Health Policy (PAM 5670; tutor)	Spring 2017, Spring 2018
Behavioral Economics and Public Policy (PAM 3130/ECON 3670; teaching assistant)	Spring 2017
Economics of Health Care Markets (PAM 4370/ECON 3720; teaching assistant)	Fall 2016

### AWARDS AND FELLOWSHIPS

Western Economic Association International Graduate Student Workshop (invited attendee)	2020
University of Chicago Price Theory Summer Camp (invited attendee)	2018
Anna Cora Smith Scholarship, Cornell University	2015-2016
Barbara Barber Kennedy Fellowship, Cornell University	2015-2016
Ford School Award, University of Michigan	2013

### UNIVERSITY SERVICE

Mentor, Policy Analysis and Management Graduate Mentoring Program (Cornell University)	2018-
Treasurer, Graduate Students in Policy Analysis and Management (Cornell University)	2016-2017

### PROFESSIONAL ACTIVITIES

Referee: American Journal of Preventive Medicine  
Drug and Alcohol Dependence  
Journal of Policy Analysis and Management

Discussant: Association for Policy Analysis and Management Fall Research Conference (2020)  
Southern Economic Association Annual Meeting (2020)  
American Society of Health Economists Conference (2019)

Affiliations: AcademyHealth  
American Society of Health Economists  
Association for Public Policy Analysis & Management  
Center for Health Economics of Treatment Interventions for Substance Use Disorder, HCV, and HIV (CHERISH)  
Cornell Population Center  
Cornell University Institute for Health Economics, Health Behaviors & Disparities  
Western Economic Association International

### OTHER

Programming: Stata, SAS, LaTeX; experience with Matlab  
Clearance: U.S. Census Bureau Special Sworn Status (2017-present)  
Citizenship: USA

**DISSERTATION COMMITTEE**

**John Cawley, Ph.D. (Chair)**  
Professor  
Department of Policy Analysis & Management  
Department of Economics  
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(607) 255-0952  
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**Colleen Carey, Ph.D.**  
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**Yuhua Bao, Ph.D.**  
Associate Professor  
Department of Healthcare Policy & Research  
Weill Cornell Medical College  
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**Nicolas Ziebarth, Ph.D.**  
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