

SHOOSHAN DANAGOULIAN

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Updated: 5/28/2020

POSITIONS:

Assistant Professor of Economics, Department of Economics, Wayne State Economics, 2014 – Present.

EDUCATION

Ph.D. in Economics, Cornell University, 2014.

Dissertation Title: “A Health Insurance Plan with Wellness Features”

Advisor: Donald Kenkel

Dissertation Committee: Samuel Kleiner, George Jakubson, Francesca Molinari

M.A. in Economics, University of Pennsylvania, 2007.

MSc. in Global Market Economics, London School of Economics, 2003 (with Distinction).

B.A. in International Relations, Johns Hopkins University, 2000 (with Honors).

RESEARCH AND TEACHING FIELDS

Health Economics, Applied Microeconomics, Applied Econometrics.

PUBLICATIONS

“Prioritizing Testing and Workplace Re-Opening Under COVID-19,” with Zhe Zhu and Phillip D. Levy. [*Econofact*](#), April 29, 2020.

“Office Visits Preventing Emergency Room Visits: Evidence from the Flint Water Switch”, with Daniel Grossman and David Slusky. *NBER Working Paper* No. 27098, May 2020. *IZA Working Paper* No. 13098, March 2020.

"The Population Health OutcomEs aNd Information Exchange (PHOENIX) - A Transformative Approach to Reduce the Burden of Chronic Disease," with Korzeniewski SJ, Bezold C, Carbone JT, Foster B, Misra D, El-Masri MM, Zhu D, Welch R, Meloche L, Hill AB, Levy, P. April 2020. Forthcoming at *Online Journal of Public Health Informatics*.

“Medicaid Expansion and Resource Utilization in the Emergency Department” with Alexander Janke and Phillip Levy. Forthcoming at *American Journal of Emergency Medicine*.

“Hospital Financial Characteristics Datasets” with Kosali Simon. *American Society of Health Economists Newsletter* 2019:4.

“More Sneezing, Less Crime? Seasonal Allergies as Transitory Cost of Crime,” with Aaron Chalfin and Monica Deza. *Journal of Health Economics*. 2019; 68, 102-30.

“The Effect of a Medical Toxicology Inpatient Service in an Academic Tertiary Care Referral Center” with Andrew King, Michael Lynch, Nathan Menke, Yijia Mu, Melissa Saul, Michael Abesamis, and Anthony Pizon. *Journal of Medical Toxicology*, 2018 Jan;15(1):12-21.

“Design and Rationale of a Randomized Trial of a Short Stay Unit in Emergency Department Patients with Acute Heart Failure” with Hannah Fish-Trotter, Sean Collins, Benton Hunter, Xiaochun Li, Phillip D. Levy, Susan Pressler, and Peter S. Pang. *Contemporary Clinical Trials*. 2018; 72, 137-145.

“Policy of Prevention: Medical Utilization Under a Wellness Plan” *Health Economics* 2018; 27(11) 1843-1858.

“Taking the Hassle Out of Wellness: Do Peers and Health Matter?” *International Journal of Health Economics and Management*. 2018; 18(1), 1-23.

“Parental Depressive Symptoms and Children’s School Attendance and Emergency Department Use: A Nationally Representative Study.” with James Guevara, David Mandell, Jacqueline Reyner, and Susmita Pati. *Maternal and Child Health Journal*, August 2012; 17(6), 1130-1137.

“Immigrant Children’s Reliance on Public Health Insurance in the Wake of Immigration Reform.” With Susmita Pati. *American Journal of Public Health*, November 2008; 98(11): 2004–2010.

WORKING PAPERS

“Rolling Back the Gains: Flint Water Switch Undermines Progress of Maternal Health in Pregnancy,” with Derek Jenkins. April 2020. (Manuscript under review at *Health Economics*)

“Medicaid Expansion and Intensity of Treatment: Diagnoses and Procedures in the Emergency Department”, with Allen Goodman, Alexander Janke, and Phillip Levy. December 2019. (Manuscript preparing for resubmission)

“Medicaid Expansion After the ACA: Intensity of Treatment and Billing in Emergency Department” with Alexander Janke and Phillip Levy. August 2018. (Manuscript preparing for resubmission)

“ACA Medicaid Expansion and Treatment Intensity: A Case of Two Neighboring States,” with Naim Chy and Phillip Levy. December 2018. (Manuscript preparing for resubmission)

“Family psycho-social environment, internalizing behavior, and childhood obesity: a structural equation model,” with Liying Zhang, Dawn Misra, Samiran Ghosh, and Phillip Levy. March 2019. (Manuscript preparing for resubmission)

“Hypertension in the ED as Insurance Changes” with Aaron Brody and Phillip Levy. November 2019. (Manuscript in preparation)

WORK IN PROGRESS

“What is an Expansion? Measurement and Meaning in Medicaid Studies” with Laura Dague April 2019.

“Pollen and Suicides” with Joelle Abramowitz, August 2019.

“Opioid Prescriptions and Mortality in Detroit” with Bram Dolcourt, John Tarchick, and Andrew King, August 2019.

“Pollution and Infant Health: Study of Medicaid Claims”, June 2018.

FUNDED GRANTS

- 2019-2021 “PHOENIX – Population Health Outcomes and Information Exchange”
Source: Michigan Health Endowment Foundation
Award Amount: \$500,000
Role: co-Investigator (3% effort)
- 2020-2021 “Pragmatic Implementation of the Beckman Coulter hsTnI assay for Evaluating
Suspected Acute Coronary Syndrome”
Source: Henry Ford Health Systems
Award Amount: \$35,000
Role: Site-PI (9.75% effort)
- 2018-2020 “Patient Perspectives on Barriers and Facilitators of Heart Failure Care”
Source: Novartis Pharmaceuticals Co.
Award Amount: \$158,730
Role: Co-investigator (5% effort)
- 2017-2022 “Using Short Stay Units Instead of Routine Admission to Improve Patient Centered
Health Outcomes for AHF Patients”
Source: AHRQ (1 R01 HS025411-01)
Award Amount: \$1,133,432 (\$219,696 subcontract)
PI: Peter Pang, Indiana University
Role: Site co-investigator (10% effort)
- 2017-2018 “Effects of Pollution on Childhood Outcomes”
Source: University Research Grant, Office of Provost, Wayne State University
Award Amount: \$10,000
Role: PI
- 2011-2012 “Health Insurance Choice and Utilization.”
Source: Cornell Population Center Grant
Award Amount: \$2,000
Role: PI
- Source: Cornell Institute for the Social Sciences Grant
Award Amount: \$5,450
Role: Investigator
- Source: Human Ecology Alumni Association Grant
Award Amount: \$1,000
Role: PI

GRANTS UNDER REVIEW

- 2020- “A Novel Algorithm-based Management of Non-Valvular Atrial Fibrillation / Atrial Flutter (NVAf) in the Emergency Department”
Source: Pfizer
Award Amount:
Role: Co-Investigator (x% effort)
- 2020-2024 “SCH: INT: Reducing Hypertension Disparities Through Trustworthy Artificial Intelligence”
Source: National Science Foundation
Award Amount: \$1,198,424
Role: co-PI (11% effort)
- 2019-2024 “Leveraging Visual Analytics to Improve Hypertension Guideline Delivery to African Americans”
Source: NIH R01
Award Amount: \$1,614,371
Role: co-Investigator (10% effort)

UNFUNDED GRANTS

- 2020-2021 “Understanding the Effects of Pollen on Suicide and Mental Health”
Source: University Research Grant, Office of the Provost, Wayne State University
Award Amount: \$9,999
Role: PI
- 2020-2023 “FAI: Democratization or exclusion? A systematic learning-to-debiasing approach”
Source: National Science Foundation (NSF 19-571)
Award Amount: \$1,250,000
Role: co-PI
- 2020-2021 “At the Heart of Public Health: Changing Role of Emergency Departments in Delivery of Hypertension Care in Rural and Urban Medically Underserved Communities”
Source: National Institute of Health Care Management (NIHCM) Foundation
Award Amount: \$100,000
Role: PI
- 2019-2023 “SCH: INT: Health in a Community Context: Integrating neighborhood, health system, and individual smart device data to design precision and cost-effective health interventions”
Source: National Science Foundation
Award Amount: \$1,199,882
Role: co-PI
- 2019-2021 “H2H: a free community-aware and person-centered chatbot app for seniors to maintain a healthy blood pressure”
Source: Michigan Health Endowment Fund
Award Amount: \$100,000
Role: co-PI

- 2019-2020 “Applied Methods for Interdisciplinary Research: Developing Curriculum”
Source: Office of Teaching and Learning, Wayne State University
Award Amount: \$5,000
Role: PI
- 2019-2021 “A Novel Diagnostic Algorithm for Reducing CT Pulmonary Angiography”
Source: Blue Cross Blue Shield of Michigan Foundation
Award Amount: \$100,195
Role: co-Investigator (4% effort)
- 2019-2024 “Enhancing health system factors to reduce disparities in implementation of hypertension guidelines”
Source: Henry Ford Health Systems
Award Amount: \$849,899
Role: co-Investigator (13% effort)
- 2018-2021 “COBALT: Corrections-based Opioid Brief Intervention, Advancing Linkages to Treatment”
Source: CDC (RFA-CE-18-006)
Award Amount: \$2,259,080
Role: co-Investigator (10% effort)
- 2018-2019 “Emergency Department Work Intensity: Analysis of State Emergency Department Databases and State Inpatient Databases, 2013-2014”
Source: Emergency Medicine Foundation
Award Amount: \$50,000
Role: co-PI
- 2018-2019 “Flint Water Contamination and Children’s Health: Analysis of Medicaid Claims”
Source: CURES 2018 Pilot Project
Award Amount: \$50,000
Role: PI
- 2017-2019 “Flint Water Contamination and Children’s Health: Analysis of Medicaid Claims”
Source: Blue Cross Blue Shield of Michigan Foundation
Award Amount: \$75,000
Role: PI
- 2015-2016 “Effects of Air Pollution on Infants and Children”
Source: INPHAASE 2015
Award Amount: \$64,811
Role: PI

TEACHING AND ADVISING

Doctoral Advisement / Direction:

Derek Jenkins, expected completion May 2021, “Effect of Managed Care Penetration on Use of Low-value Procedures in the Emergency Department.”

Thomas Wilks, expected completion May 2021, “Urgent Care Facilities: Placement, Industry Structure, and Economic Spillovers in Local Emergency Departments.”

Sa-Ad Iddrisu, May 2019, “Health and Natural Capital in Augmented Solow Model.”

Adit Doza, expected completion, August 2019, “Racial/Ethnic Differences in Mortality in Late Midlife: Have They Narrowed in Recent Years?”

Naim Chy, March 2019, “Health and Medical Outcomes of Medicaid Expansion.”

Mohamma Toseef, June 2019, “Effects of Medicaid HMOs on Care Quality and Racial/Ethnic Healthcare Disparities.”

Xinghua Li, expected completion May 2020, “Chinese Labour Market Participation.”

Daniel Pastor, Completed March 2016, “Essays on Oil Price Volatility and Irreversible Investment.”
Role: Defense Dissertation Committee Member

Undergraduate Advisement / Direction:

Dilraj Gill, Winter 2020 “Effect of Affordable Care Act on Insurance Company Valuation”
Role: Advisor and reader for undergraduate Honors Thesis

Mujtaba Hameed, Winter 2020
Role: Advisor and reader for undergraduate Honors Thesis

John Sedarous, Winter and Fall 2019, “Medicaid: Expansion, Waivers, and Legislation”
Role: Advisor and reader for undergraduate Honors Thesis

Gurbani Bedi, Winter 2019
Role: Phi Beta Kappa faculty honoree

Sanika Ingle, Winter 2019 “Families Living Under National Poverty Level in India”
Role: Mentor for Undergraduate Research Opportunity Program (UROP)

Obaidah Bitar, Fall 2018 – Winter 2019 “Cost-Effectiveness Analysis of Air Pollution Mitigation in Southwest Detroit”
Role: Advisor and reader for undergraduate Honors Thesis
Role: Phi Beta Kappa faculty honoree

Obaidah Bitar and Ramaiz Imran, Winter 2019 “Blessing Box Detroit”
Role: Advisor to student start-up

Saikishore Kukunoor, Fall 2018, “Price Sensitivities Associated with College Tuition”
Role: Advisor and reader for undergraduate Honors Thesis

Aamna Ijaz, Fall 2018 “Automation Effect on Economies”
Role: Advisor and reader for undergraduate Honors Thesis

Lukas Seifert, Winter 2018

Role: Phi Beta Kappa faculty honoree

Noor Abou-Ghaida, Winter 2018, “The Influence of Television on Children and Adolescents – Childhood Obesity, Consumerism, and Physical Activity”

Role: Advisor and reader for undergraduate Honors Thesis

Luke Antonczak Winter 2018, “The Impact of Economic Factors on the Opioid Epidemic”

Role: Advisor and reader for undergraduate Honors Thesis

Dhanushya Battepati, Fall 2017 – Winter 2018, “International Comparison of Health Systems.”

Role: Advisor and reader for undergraduate Honors Thesis

Saikishore Kukunoor Summer 2017, “Externalities of Junk Food.”

Role: Reader for undergraduate directed study.

Mukund Mohan, Fall 2016-Winter 2017, “Access to Healthcare – A Preliminary Analysis of Access to Healthcare Using Public Transportation.”

Role: Advisor and reader for undergraduate Honors Thesis

Malik Shaibi, Winter 2017, “Examining the Influence of Pharmacists on Healthcare Expenditure”.

Role: Reader for undergraduate directed study.

Zeeshan Haque, Winter 2016

Role: Phi Beta Kappa faculty honoree

Classroom Teaching

Instructor, U.S. Health Care: Policy and Economics (ECO2550, undergraduate course), Department of Economics, Wayne State University (Fall 2019, Winter 2020)

Instructor, Economics of Health Care (ECO 5550/6550, Master’s and undergraduate course), Department of Economics, Wayne State University (Fall 2015, Fall 2016, Fall 2017, Fall 2018, Fall 2019).

Instructor, Intermediate Microeconomics (ECO 5000, undergraduate course), Department of Economics, Wayne State University (Fall 2014, Winter 2015, Winter 2016, Fall 2016, Winter 2017, Fall 2017, Winter 2018, Fall 2018, Winter 2020).

Instructor, Principles of Microeconomics (ECO 2010, undergraduate course), Department of Economics, Wayne State University (Fall 2014, Winter 2016, Winter 2017, Winter 2018).

Guest lecturer, Public Health and Population Based Care (PPR 6290/6235, doctoral course), Applebaum College of Pharmacy and Health Sciences, Wayne State University (Winter 2016, Winter 2017, Winter 2018)

Other

Fall 2015: ECO 5993 Writing Intensive (8 enrolled)

Fall 2016: ECO 5993 Writing Intensive (14 enrolled)

Fall 2016: ECO 4997 Undergraduate Thesis (1 enrolled)

Winter 2017: ECO 3990 Undergraduate Directed Study (1 enrolled)

Winter 2017: ECO 7996 Graduate Directed Study (1 enrolled)
 Spring 2017: ECO 3990 Undergraduate Directed Study (1 enrolled)
 Fall 2017: ECO 5993 Writing Intensive (12 enrolled)
 Winter 2018: ECO 4997 Undergraduate Thesis (2 enrolled)
 Fall 2018: ECO 5993 Writing Intensive (5 enrolled)
 Fall 2018: ECO 4997 Undergraduate Thesis (3 enrolled)

CONFERENCE PRESENTATIONS

“Hypertension in the ED as Insurance Changes” with Aaron Brody and Phillip Levy.
Southern Economic Association Annual Conference, November 2019, Fort Lauderdale, FL.

“Office Visits Preventing Emergency Room Visits: Evidence from the Flint Water Switch”, with Daniel Grossman and David Slusky.
National Bureau of Economic Research Health Care Program Meeting, December 2019, Cambridge, MA.

Southern Economic Association Annual Conference, November 2019, Fort Lauderdale, FL.
National Bureau of Economic Research Summer Institute, July 2019, Cambridge, MA.
American Society for Health Economists Annual Conference, June 2019, Washington, DC.
Association for Public Policy Analysis and Management, November, 2018, Washington, DC.
29th Annual Health Economic Conference, October 2018, College Station, TX.

“Flint Water Contamination and Maternal Health Outcomes,” with Derek Jenkin.
American Society of Health Economists Annual Conference, June 2019, Washington, DC.
Health, History, Demography, and Development Research Day, March 30, 2019, University of Michigan, Ann Arbor, MI.
Eastern Economic Association Conference, March 2019, New York, NY.
American Society of Health Economists Annual Conference, June 2018, Atlanta, GA.

“More Sneezing, Less Crime? Seasonal Allergies as Transitory Cost of Crime,” with Aaron Chalfin and Monica Deza.
Eastern Economic Association Conference, March 2019, New York, NY.
Health, History, Demography, and Development Research Day, April 20, 2018, University of Michigan, Ann Arbor, MI.

“Medicaid Expansion and Intensity of Treatment: Diagnoses and Procedures in the Emergency Department”
American Society of Health Economists Annual Conference, June 2019, Washington, DC.
Eastern Economic Association Conference, March 2019, New York, NY.
Health, History, Demography, and Development Seminar, December 2016, University of Michigan, Ann Arbor, MI.
Eastern Economic Association Annual Conference, New York, NY, February, 2017.
Population Association of America Annual Conference, Chicago, IL, April, 2017.
International Health Economic Association Congress, Boston, MA, July 2017.
American Society of Health Economists Annual Conference, June 2018, Atlanta, GA.

“The Hassle of Wellness: Do Peers and Health Status Matter?”
Eastern Economic Association Annual Conference, New York, NY, February, 2015.
Health, History, Demography, and Development Conference, University of Michigan, December 2014.

Population Association of America Annual Conference, Boston, MA. May 2014.

“Medical Utilization Under a Wellness Plan”

Eastern Economic Association Annual Conference, New York, NY. February, 2015.

Eastern Economic Association Annual Conference, New York, NY, February, 2017.

“Health Uncertainty and Medical Expenditure: A Model of Savings with Endogenous Transitions”

Annual Health Econometrics Workshop, paper discussed by Donna Gilleskie (October 2011).

New York State Economic Association Conference (September 2011).

Southern Economic Association Conference (November 2011).

FELLOWSHIPS AND HONORS

President’s Award for Excellent in Teaching, Wayne State University, 2020

College of Liberal Arts and Sciences Teaching-Mentoring Award, Wayne State University, 2019

College of Human Ecology Graduate Research Assistantship, 2012-2013

College of Human Ecology Graduate Fellowship, 2008-2009.

Phi Beta Kappa, 2000.

Hudson Trust Scholar, 1999-2000

Provost’s Undergraduate Research Award, 1999

Philip Schaefer Scholar, 1996-2000

Michael S. Applestein Scholar, 1996-2000

SERVICE

Peer Reviewer

2020-Present *International Journal of Health Economics and Management*

2020-Present *Medical Care Research and Review*

2019-Present *Health Economics*

2019-Present *Journal of Health Economics*

2019-Present *Economics and Human Biology*

2018-Present *Health Affairs*

2016-Present *Health Services Research*

Profession

2020–Present Co-organizer, *Electronic Health Economics Colloquium*

2019-Present *American Economic Association Committee on Status of Women in Economics Profession*, Representative at WSU.

2017, 2019 *Eastern Economic Association (EEA) Annual Conference*, Program Committee.

2018-2020 *American Society of Health Economists (ASHE) Annual Conference*, Scientific Committee.

2017 *Association for Public Policy Analysis and Management (APPAM) Annual Conference*, Session Organizer.

2015-2017 Grant Reviewer, University of Cincinnati Center for Environmental Genetics

2014-2016 Reviewer, Armenian National Science and Education Fund

University

2019-2020 College of Liberal Arts and Sciences Diversity and Inclusion Committee.

2019-Present HCUP Data Custodian, Integrative Biosciences Center

2019 Panel member, *Health Equity Research Conference*, April 14, 2019

- 2019-Present *American Economic Association Committee on Status of Women in Economics Profession*, Representative at WSU.
- 2018-2019 Grant Reviewer, University Research Grant Committee, Social and Behavioral Sciences and Laws Subcommittee
- 2017-Present Biostatistics and Epidemiology Research Design (BERD) Core, Integrative Biosciences Center, Faculty Associate
- 2017-2018 College of Liberal Arts and Sciences Election Committee

Department

- 2019-2021 Co-chair, Seminar Committee, Department of Economics
- 2019-Present Applied Microeconomics Reading Group, Organizer and Adviser, Department of Economics
- 2020-Present Graduate Committee, Department of Economics
- 2020 Ad-Hoc Search Committee for Administrative Assistant, Department of Economics
- 2020 Ad-Hoc Committee on Doctoral Student Support, Department of Economics
- 2018 Curriculum Subcommittee on General Education Courses, Department of Economics
- 2017-2020 Budget Committee, Department of Economics
- 2016-2020 Undergraduate Committee, Department of Economics
- 2011-2012 Cornell University, Graduate Students in Policy Analysis and Management, President
- 2009-2010 Cornell University, Graduate Student Association for Economics, Co-President

PROFESSIONAL AFFILIATIONS

American Economic Association
 American Society of Health Economists
 International Health Economic Association
 Population Association of America
 Association for Public Policy Analysis and Management
 Eastern Economic Association
 Midwestern Economic Association