# SHOOSHAN DANAGOULIAN

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Updated: 11/9/2026

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**POSITIONS:**
Director of Graduate Studies, Department of Economics, Wayne State University. 2025 – Present.
Associate Professor (with tenure) of Economics, Department of Economics, Wayne State Economics, 2021 – Present.
Assistant Professor of Economics, Department of Economics, Wayne State Economics, 2014 – 2021.

**RESEARCH AND TEACHING FIELDS**
Health Economics, Applied Microeconomics, Applied Econometrics.

**EDUCATION**
Ph.D. in Economics, Cornell University, 2014.
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).

**BOOKS**
Folland, Sherman, Allen C. Goodman, Miron Stano, and Shooshan Danagoulian. *The Economics of Health and Health Care*. 9th Edition. Routledge, 2024.

**REFEREED PUBLICATIONS**
"Seasonal Allergies and Mental Health: Do Small Health Shocks Affect Suicidality?" with Joelle Abramowitz and Owen Fleming, *Journal of Health Economics* (2025): 103069.

*Selected media coverage: The Conversation, October 8, 2025; People, October 2, 2025; New York Post, October 18, 2025; Detroit Free Press, April 11, 2024; Detroit News, October 25, 2025; Fox 2 Detroit, October 7, 2025; Public News Service, March 8, 2024.*

"Couch-Locked with the Munchies: Effects of Recreational Marijuana Laws on Exercise and Nutrition." With Thomas Wilk, Monica Deza, and Timothy Hodge. *Journal of Policy Analysis and Management* 45, no. 2: e70080. https://doi.org/10.1002/pam.70080

*Previously*: "Couch-Locked with the Munchies: Effects of Recreational Marijuana Laws on Exercise and Nutrition," *NBER Working Paper* No. 33176.
*Media coverage: Chicago Booth Review, January 13, 2025.*

"Health Care Resource Utilization for Patients With Suspected Myocardial Infarction: A Secondary Analysis of the RACE-IT Randomized Clinical Trial" with Joseph Miller, Bernard Cook, Satheesh Gunaga, Raef Fadel, Chaun Gandolfo, Altaf Khan, Joshua Emakhu, Nicholas Mills, Simon Mahler, Phillip Levy, Sachin Parikh, Seth Krupp, Kegham Hawatian, Khaled Nour, Howard Klausner, Ryan Gindi, Michael Hudson, Giuseppe Giuseppe, Bryan Zweig, David Lanfear, Henry Kim, Catriona Keerie, Hashem

Nassereddine, Thayer Morton, Ziad Affas, Kutiba Tabbaa, Arqam Husain, Parth Desai, James McCord (2025) *JAMA Network Open* 8(4): e256930.
doi:10.1001/jamanetworkopen.2025.6930

"The Muslim Ban and Preventive Care for Children of Middle Eastern Ancestry" with Owen Fleming, Daniel Grossman, and David Slusky. (2025) *Forum for Health Economics and Policy*, vol. 27, no. 2, pp. 147-188. De Gruyter, 2024.

*Previously*: "Investment in Preventive Care for Children of Middle Eastern Ancestry During the Trump Administration" with Owen Fleming, Daniel Grossman, and David Slusky. *NBER Working Paper* No. 32676. July 2024.

*Media coverage: The Beacon Kansas City, August 29, 2025.*

"Driving Under the Influence of Pollen: Fatal Accidents and Seasonal Allergies" with Monica Deza. *Journal of Health Economics* 99 (2025): 102945. https://doi.org/10.1016/j.jhealeco.2024.102945

*Previously*: *NBER Working Paper* No. 32233.

"Does rapid acute coronary syndrome evaluation using high-sensitivity cardiac troponin save costs? An economic evaluation." **First author** with Joseph Miller, Bernard Cook, Satheesh Gunaga, Raef Fadel, Chaun Gandolfo, Erika Todter, Nicholas L Mills, Shalini Modi, Simon A. Mahler, Phillip D. Levy, Sachin Parikh, Seth Krupp, Khaled Nour, Howard Klausner, Ryan Gindi, Aaron Lewandowski, Michael Hudson, Giuseppe Perrotta, Bryan Zweig, David Lanfear, Henry Kim, Amy Tang, Catriona Keerie, and James McCord. *Journal of American College of Emergency Physicians*. 2024 Apr;5(2):e13140.

"Blood Lead Testing in Flint Before and After Water Contamination" (2022) with Derek Jenkins, Daniel Grossman, and David Slusky. *Pediatrics* 150:6.

"Health Care Following Environmental Disasters: Evidence from Flint" (2022), with Daniel Grossman and David Slusky. 41:4 1060-1089 *Journal of Policy Analysis and Management*.

*Previously*: *NBER Working Paper* No. 27098, May 2020. *IZA Working Paper* No. 13098

*Media coverage: Healio, May 5, 2020; KU News Service, April 16, 2020; Tradeoffs, Season 1 Episode 49, July 2, 2020; JPAM Closer Look Podcast, June 28, 2022.*

"Locking Out Prevention: Dental Care in the Midst of a Pandemic" (2022) with Thomas Wilk. 31:9 1973-1992 *Health Economics.*

"Fewer Opioids, More Benzodiazepines? Prescription Trends by Specialty in Response to the Implementation of Michigan's Opioid Laws" (2021) with Andrew King, Kyle Mangan, John Tarchick, and Bram Dolcourt. *Pain Medicine*. 2021; pnab270,

"The Global COVID-19 Student Survey: First wave results" (2021) with David A. Jaeger, Jaime Arellano-Bover, Krzysztof Karbownik, Marta Martínez-Matute, John M. Nunley, R. Alan Seals, Miguel Almunia, Mackenzie Alston, Sascha O. Becker, Pilar Beneito, René Böheim, José E. Boscá, Jessica H. Brown, Simon Chang, Deborah Cobb-Clark, Sandra Donnally, Marissa Eckrote-Nordland, Lídía Farré, Javier Ferri, Margherita Fort, Jane Cooley Fruewirth, Rebecca Gelding, Allen C. Goodman, Melanie Guldi, Simone Häckl, Janet Hankin, Scott Imberman, Joanna Lahey, Joan Llull, Hani Mansour, Isaac Mcfarlin, Jaakko Meriläinen, Tove Mörtlund, Martin Nybom, Stephen D. Oconnell, Rupert Sausgruber, Amy Ellen Schwarz, Jan Stuhler, Petra Thiemann, Roel Van Veldhuizen, Marianne Wannamaker, Maria Zhu. *Covid Economics* Issue 79, 27. CEPR Press.

"RACE-IT – Rapid Acute Coronary Syndrome Exclusion using the Beckman Coulter Access High-Sensitivity Cardiac Troponin I: a Stepped-Wedge Cluster Randomized Trial" (2021) with Joseph Miller,

Bernard Cook, Gulmohar Singh-Kucukarslan, Amy Tang, Gerard Heath, Ziad Khalifa, Phillip Levy, Simon Mahler, Nicholas Mills, James McCord. *Contemporary Clinical Trials Communications*. 22 (2021) 100733.

"Rolling Back the Gains: Maternal Stress Undermines Pregnancy Health After Flint's Water Switch," (2020) with Derek Jenkins. *Health Economics.* 2020. 30: 564-584.

*Media coverage: Boston Globe, January 7, 2021.*

"The Population Health OutcomEs aNd Information Exchange (PHOENIX) - A Transformative Approach to Reduce the Burden of Chronic Disease," (2020) with Korzeniewski SJ, Bezold C, Carbone JT, Foster B, Misra D, El-Masri MM, Zhu D, Welch R, Meloche L, Hill AB, Levy, P. *Online Journal of Public Health Informatics*. 12(1): e3.

"Medicaid Expansion and Resource Utilization in the Emergency Department" (2020) with Alexander Janke, Arjun Venkatesh, and Phillip Levy. *American Journal of Emergency Medicine*. 38 (12), 2586-2590.

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

*Selected media coverage: Newsweek, October 23, 2019; The Marshall Project, September 30, 2019; Detroit Free Press, October 2, 2019; IFLScience, October 22, 2019; Journalist's Resource, September 27, 2019.*

"The Effect of a Medical Toxicology Inpatient Service in an Academic Tertiary Care Referral Center" (2018) with Andrew King, Michael Lynch, Nathan Menke, Yijia Mu, Melissa Saul, Michael Abesamis, and Anthony Pizon. *Journal of Medical Toxicology*, 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" (2018) with Hannah Fish-Trotter, Sean Collins, Benton Hunter, Xiaochun Li, Phillip D. Levy, Susan Pressler, and Peter S. Pang. *Contemporary Clinical Trials*. 72, 137-145.

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

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

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

"Immigrant Children's Reliance on Public Health Insurance in the Wake of Immigration Reform." (2008) with Susmita Pati. *American Journal of Public Health* 98(11): 2004–2010.

## WORKING PAPERS

"Diphenhydramine and Culpability in Fatal Motor Vehicle Crashes: A National Analysis, 2022–2024" with Nida Qadir (graduate student). Revise and resubmit, *Journal of Allergy and Clinical Immunology: In Practice*.

"Consumer Responses to Pollen Exposure: Evidence from Household Purchases of Allergy Relief Products" with Owen Fleming (January 01, 2025). Kilts Center at Chicago Booth Marketing Data Center Paper, Available at SSRN: *https://ssrn.com/abstract=5797903*

*Under review as "Are Behavioral Effects of Pollen Exposure Due to Symptoms or Avoidance? Evidence from Consumer Data."*

"Vulnerability of the U.S. public safety system: Evidence from micro-shock." with Monica Deza, Catherine Maclean, Alberto Ortega. *NBER Working Paper* No. 34428, December 2025. Revise and resubmit, *Journal of Urban Economics*.

"Cooking at Home: Did COVID-19 Policies Change Grocery Purchasing Habits?" with Jacob Whitman and Xiaoxue Li. December 2025.

"Seasonal Pollen Exposure and Alcohol-Related Harm" with Joelle Abramowitz, Olga Aristova (graduate student), Owen Fleming, Carina Gronlund, Catherine Maclean, Allison Steiner.

"The COVID-19 Pandemic, Domestic Violence and the Riskiness of Alcohol Consumption" with Aaron Chalfin and Monica Deza. NBER Working Paper No. 28523, March 2021.

*Media coverage: Washington Post, April 29, 2021; City Journal, March 21, 2021; NBER Research Spotlight, June 14, 2021.*

**WORK IN PROGRESS**

"Cognitive Capacity and Police Enforcement: A Case Study of Pollen Allergies and Disparities in Traffic Stops" with Monica Deza and Alberto Ortega.

"Are surgical outcomes worse on high pollen days?" with Joelle Abramowitz, Olga Aristova (graduate student), and Anupam Jena.

"Is vaccine efficacy affected by allergies? Study of flu vaccines and high pollen days" with Charles Brey, Anupam Jena, and Catherine Maclean.

"Arab-American Voter Engagement in Michigan Through Recent Presidential Elections" with Daniel Grossman, Nadejda Marinova, Nida Qadir (graduate student), and David Slusky.

"Flint Water Contamination and Dental Care a Decade On" with Balikis Kabir (graduate student) and Mohammad Golmohammadi (graduate student).

"Seasonal Allergy Blues: Is Mental Health Worse on High Pollen Days? " with Joelle Abramowitz.

"Disparities in Health and Health Care Utilization of Middle Eastern and North African Ancestry in United States." with Daniel Grossman and David Slusky.

**OTHER WRITING**

"Prioritizing Testing and Workplace Re-Opening Under COVID-19," (2020) with Zhe Zhu and Phillip D. Levy. Econofact, April 29, 2020.

*Media coverage: Today@Wayne, May 1, 2020; DBusiness Magazine, May 4, 2020; WDET NPR Morning Edition, May 11, 2020.*

"Hospital Financial Characteristics Datasets" (2019) with Kosali Simon. American Society of Health Economists Newsletter 2019:4.

**UNPUBLISHED RESEARCH**

"Relationship Between Residential Tax Delinquency and Use of Emergency Department in Detroit" with John Tarchick and Phillip D. Levy.

"ACA Medicaid Expansion and Treatment Intensity: A Case of Two Neighboring States," with Naim Chy and Phillip Levy. December 2018.

"Medicaid Expansion and Intensity of Treatment: Diagnoses and Procedures in the Emergency Department", with Allen Goodman, Alexander Janke, and Phillip Levy. December 2019.

"Effects of Air Pollution on Children's Health: Case Study of the Detroit Incinerator" with Owen Fleming, Sara Syeda, and Phillip Levy. November 2024.

"Effects of Air Pollution on Cardiovascular Health of Socioeconomically Vulnerable Adults in Michigan: A Case Study of the Detroit Incinerator" with Sara Syeda and Phillip Levy. March 2024

**FUNDED GRANTS**

2026-2028 "The Value-Based Impact of an Integrated Medical Toxicology and Addiction Service on Hospitalized Patients with Substance Use Disorder"
Source: Medical Toxicology Foundation
Amount: $10,000
PI: Andrew King
Role: Co-I (and graduate student support)

2024-2026 "Understanding the Effects of Pollen on Suicide and Mental Health and Disparities across Rural and Urban Areas"
Source: Pilot Project Grant for the Study of Rural Contexts through the Institute for Social Research, University of Michigan.
Award Amount: $150,000
PI: Joelle Abramowitz
Role: Co-PI (5% effort)

2023-2028 "Family mHealth Intervention to Improve Health Outcomes in Black Youth with Type 1 Diabetes: A Multi-Center Randomized Controlled Trial"
Source: National Institutes of Health (PAR-21-358)
Award Amount: $4,145,714
PI: Deborah Ellis
Role: Co-Investigator (11% effort in year 5)

2023-2025 "Seasonal Allergy Blues: Is Mental Health Worse on High Pollen Days?"
Source: American Foundation for Suicide Prevention
Award Amount: $125,000
Role: PI

2023-2024 "Seasonal Allergy Blues: Is Our Mental Health Worse on High Pollen Days?"
Source: Office of the Provost, Grant Boost Program, Wayne State University

Award Amount: $35,000
Role: PI

2022-2023 "Promotion of Health Equity"
Source: University of Michigan (Contract)
Award Amount: $2,620,416
PI: Phillip Levy (Wayne State University)
Role: Co-Investigator (20% effort)

2021 – 2026 "ACHIEVE GreatER: Addressing Cardiometabolic Health Inequities by Early PreVEntion in the Great LakEs Region"
Source: National Institutes of Health (1 P50 MD017351-01)
Award Amount: $18,154,012
PI: Phillip Levy
Role: co-I (20% effort)

2021-2022 "Seasonal Allergy Blues: Is Our Mental Health Worse on High Pollen Days?"
Source: Office of the Provost, University Research Grant, Wayne State University
Award Amount: $10,000
Role: Lead PI

2019-2021 "PHOENIX – Population Health Outcomes and Information Exchange"
Source: Michigan Health Endowment Foundation
Award Amount: $500,000
PI: Phillip Levy
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
PI: Joseph Miller
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
PI: Phillip Levy
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

2027-2032 "Seasonal Pollen Exposure and Suicide Risk: Mental Health Impacts Across Rural and Urban Communities"
Source: NIH, National Institute of Mental Health (1R01MH147382-01A1; resubmitted November 2026)
Amount: $3,464,883
Role: Lead PI (MPI with Joelle Abramowitz)

2026-2028 "Disparities in Voter Participation Among Middle Eastern and North African (MENA) Individuals in Michigan"
Source: Russell Sage Foundation (resubmitted November 2026)
Amount: $75,000
Role: Lead PI

2025-2030 "Remote team-based care to improve blood pressure control and prevent recurrent emergency department visits for severe hypertension"
Source: NIH
Amount: $741,015
Role: Co-Investigator (5% effort and GRA)

## TEACHING AND ADVISING

**Doctoral Advising / Direction:**

Ziyadat Ekundayo, expected completion May 2029.

Balikis Kabir, expected completion May 2029.

Nida Qadir, expected completion May 2027.

Fayez Salame, expected completion, May 2027, committee member.

Huang Nguyen, expected completion May 2027.

Owen Fleming, "Essays on the Economics of Childhood Preventive Care Use" May 2026.

Jacob Whitman, "Dietary Changes During COVID-19," May 2024. University of Pittsburgh postdoc, expected completion, May 2026

Thomas Wilks, "Urgent Care Facilities: Placement, Industry Structure, and Economic Spillovers in Local Emergency Departments," May 2024.

Sara Syeda "Impact of Air Pollution on Socioeconomically Vulnerable Population- A Case Study of Detroit". , March 2024

Hussain Alzahrani, "Essay on Unemployment and Death Rate in the United States," May 2024. (committee member)

Ryan Hetrick, "Three Papers on the Economics of Alcohol Laws" December 2024. (committee member)

Xinghua Li "The Impact Of Education, Economic Downturns And The Removal Of The One-Child Policy On China's Marriage Market And Birth Rate," December 2024, (committee member)

Lama Alhammad, August 2023. "The Economics of Drug Shortages." (committee member)

Abrar Bagalb, December 2022 "Understanding the Effect of Parental Paid Sick Leave on Improving Youth Health in United States".

Khurram Imam, withdrew.

Derek Jenkins, August 2021, "Effect of Managed Care Penetration on Use of Low-value Procedures in the Emergency Department."

Mohammadmahdi Farsiabi, May 2021, "Essays on Health Care Expenditures and Quality of the Environment."

Sa-Ad Iddrisu, May 2019, "Health and Natural Capital in Augmented Solow Model." (committee member)

Adit Doza, expected completion, August 2019, "Racial/Ethnic Differences in Mortality in Late Midlife: Have They Narrowed in Recent Years?" (committee member)

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." (committee member)

Daniel Pastor, Completed March 2016, "Essays on Oil Price Volatility and Irreversible Investment." (committee member)

**Undergraduate Advising / Direction:**

Ayesha Rahim, Winter 2024 "Role of Income Volatility in Medicaid Coverage".
Role: Advisor and reader for Honors College Thesis.

Mannat Bedi, Winter 2023 "The Creation of the Healthcare Development Index"

Role: Advisor and reader for undergraduate Honors Thesis

Sergio Brilanti-Martinez, Winter 2021 "Potential of Precision Medicine"
Role: Advisor and reader for undergraduate Honors Thesis

Halie Johnson, Winter 2021 "Benefits of Paid Maternity Leave in the U.S."
Role: Advisor and reader for undergraduate Honors Thesis

Rajdeep Kaur, Fall 2020 "Game theory role in allocation of water resources"
Role: Advisor and reader for undergraduate Honors Thesis

Danielle Metivier, Winter 2020
Role: Research Advisor

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

**High School Advising**

Timothy Wang, 2024-2025
Pioneer High School, Ann Arbor, MI

Kevin Guo, 2022-2024
Cranbrook Kingswood High School, Bloomfield Hills, MI

Neema Baddam, 2021-2024
Cranbrook Kingswood High School, Bloomfield Hills, MI

**Classroom Teaching**

Principles of Microeconomics (ECO2010), Department of Economics, Wayne State University (Fall 2024, Winter 2025)

Economics of Health Care (ECO7550, PhD level), Department of Economics, Wayne State University (Fall 2020, Winter 2022, Fall 2023, Winter 2024, Fall 2025, Winter 2026).

U.S. Health Care: Policy and Economics (ECO2550, undergraduate), Department of Economics, Wayne State University (Fall 2019, Winter 2020, Fall 2020, Winter 2021, Fall 2021, Winter 2022, Winter 2023, Winter 2025)

Economics of Health Care (ECO 5550/6550, Master's level and undergraduate), Department of Economics, Wayne State University (Fall 2015, Fall 2016, Fall 2017, Fall 2018, Fall 2019, Fall 2021, Winter 2023).

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

Principles of Microeconomics (ECO 2010, undergraduate), 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)

**CONFERENCE/SEMINAR PRESENTATIONS**

"Consumer Responses to Pollen Exposure: Evidence from Household Purchases of Allergy Relief Products" with Owen Fleming. (2026)
**American Society of Health Economists Annual Conference, June 2026, Minneapolis, MN.**

"Seasonal Pollen Exposure and Alcohol-Related Harm" with Joelle Abramowitz, Olga Aristova (graduate student), Owen Fleming, Carina Gronlund, Catherine Maclean, Allison Steiner.
**Economics of Mental Health Workshop (CINCH),** June 2026, Paris, France.,

"Vulnerability of the public safety system: Evidence from micro-shocks" with Monica Deza, Catherine Maclean, and Alberto Ortega. (2025).
**Federal Communications Commission Economics Seminar, April 2026, Washington DC.**
**University of Mannheim** Seminar, February, 2026, Mannheim, Germany.
**University of Essen** Seminar, February 2026, Essen, Germany.
**American Society of Health Economists** Annual Conference, June 2025, Nashville, TN.
**Human Capital, History, Healthy, Demography, & Development (H2D2) Seminar** University of Michigan, September 2025, Ann Arbor, MI.
**Western Michigan University Seminar** November 2025, Kalamazoo, MI.
**Wayne State University Seminar** December 2025, Detroit, MI.

"Couch-Locked with the Munchies: Effects of Recreational Marijuana Laws on Exercise and Nutrition." With Thomas Wilk, Monica Deza, and Timothy Hodge.
**American Society of Health Economists** Annual Conference, June 2025, Nashville, TN.
**American Economic Association** Annual Conference, January 2025, San Francisco, CA.
**American Society of Health Economists** Annual Conference, June 2024, San Diego, CA.

"Cooking at Home: Did COVID-19 Policies Change Grocery Purchasing Habits?" with Jacob Whitman and Xiaoxue Li.
**American Society of Health Economists** Annual Conference, June 2024, San Diego, CA.
**American Society of Health Economists** Annual Conference, June 2023, St. Louis, MI.

"Effects of Air Pollution on Children's Health: Case Study of the Detroit Incinerator" with Sara Syeda and Phillip Levy.
**American Society of Health Economists** Annual Conference, June 2024, San Diego, CA.

"Driving Under the Influence of Pollen: Fatal Accidents and Seasonal Allergies" with Monica Deza.
**American Society of Health Economists** Annual Conference, June 2024, San Diego, CA.

"Seasonal Allergy Blues: Is Our Mental Health Worse on High Pollen Days?" with Joelle Abramowitz.
"Seasonal Allergies and Mental Health: Do Small Health Shocks Affect Suicidality?" with Joelle Abramowitz and Owen Fleming.
**American Society of Health Economists** Annual Conference, June 2024, San Diego, CA.
**George Mason University**, **School of Policy and Government** MEP Seminar February 2024.
**American University**, **DPAP** Research Seminar Series. February 2024
**University of Michigan**, School of Public Health WIDTH Seminar, January 2024
**Southern Economic Association**, November 2023, New Orleans, LA.
**University of Pittsburgh**, Department Seminar, September 2023.

**University of Kansas**, Department Seminar, October 2023.
**American Society of Health Economists** Annual Conference, June 2022, Austin, TX.
**O'Neil School of Public and Environmental Affairs Health Policy Workshop**, November 2022, Bloomington, IN.

"Disparities in Health Care Utilization Among Individuals of Middle Eastern Ancestry in the United States" with Owen Fleming, Daniel Grossman, and David Slusky.
**American Society of Health Economists** Annual Conference, June 2024, San Diego, CA.
**American Society of Health Economists** Annual Conference, June 2023, St. Louis, MI.
**Southern Economic Associatio**n, November 2023, New Orleans, LA.

"Did Eviction Moratoria During COVID-19 Impact Healthcare Utilization? Evidence from Detroit" with Samantha Bauer, Phillip Levy, John Tarchick, Steven Korzeniewski.
**Association for Public Policy Analysis and Management**, November, 2022, Washington, DC.
**Southern Economics Association**, November 2022, Fort Lauderdale, FL.

"Disparities in Treatment Intensity Related to Health Insurance Coverage in Maryland" with Amanda Cook.
**Association for Public Policy Analysis and Management**, November, 2022, Washington, DC.
**Southern Economics Association**, November 2022, Fort Lauderdale, FL.

"Locking Up Restaurants: Did COVID-19 Shift Consumption Towards Fast Food?" with Jacob Whitman and Phillip Levy.
**Southern Economic Association** Annual Conference, November 2021, Houston, TX.
**American Society of Health Economists** Annual Conference, June 2022, Austin, TX.

"The COVID-19 Pandemic, Domestic Violence and the Riskiness of Alcohol Consumption" with Aaron Chalfin and Monica Deza.
**National Bureau of Economic Research** COVID-19 and Health Outcomes Meeting, June 2021, Cambridge, MA.

"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.
**Armenian Economic Association** Workshop for Women in Economics, February 2021. Virtual.
**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

Career Development Chair Award, Wayne State University, 2022
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*
2025-Present *Journal of Economic Behavior and Organization*
2024-Present *Review of Economics and Statistics*
2022-Present *Journal of Public Economics*
2022-Present *Journal of Population Economics*
2021-Present *Empirical Economics*

2021-Present *Journal of Policy Analysis and Management*
2021-Present *Economic Inquiry*
2020-Present *American Journal of Managed Care*
2020-Present *Applied Economics*
2020-Present *Journal of Human Resources*
2020-Present *American Journal of Health Economics*
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*

2025-Present *American Society of Health Economists (ASHEcon)* Treasurer and Board Member.
2025 *CSWEP Junior Mentoring Breakfast* at ASSA, mentor
2025 *American Society of Health Economist (ASHEcon)* Annual Conference Program Area Chair (Child and Infant Health)
2024-Present National Science Foundation, Grant Review
2024-Present Robert Wood Johnson Foundation, Grant Review
2024 *American Society of Health Economist (ASHEcon)* Annual Conference Program Area Chair (Child and Infant Health)
2022-Present *American Society of Health Economist (ASHEcon)* Annual Conference Junior Faculty Mentoring Session, mentor (2022, 2023, 2024, 2026)
2020-Present *CSWEP Graduate Mentoring Workshop*, mentor (2020, 2021, 2022, 2023)
2020-Present *American Society of Health Economists (ASHE) ASSA Submission Review Committee*, member
2020–2023 Co-organizer and moderator, *Electronic Health Economics Colloquium (EHEC) series*
2020-2024 *Successfully Navigating Your Economics PhD: A Mentoring Workshop for 3rd & 4th Year Women and Nonbinary PhD Students in Economics*, mentor.
2019-Present *American Economic Association Committee on Status of Women in Economics Profession (CSWEP)*, Representative at WSU.
2017, 2019 *Eastern Economic Association (EEA) Annual Conference*, Program Committee.
2018-2022 *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 University of Cincinnati Center for Environmental Genetics, Grant Reviewer.
2014-2016 Armenian National Science and Education Fund, Reviewer.

*University*

2024- Present Wayne State School of Public Health Bylaws Committee
2024-2026 College of Liberal Arts and Sciences (CLAS) Budget Advisory Committee
2024-Present College of Liberal Arts and Sciences (CLAS) Technology Committee
2023-Present Labor@Wayne Advisory Board member.
2020-Present Phi Beta Kappa, Gamma Chapter. At-Large Member (2020-2023), Treasurer (2024-Present)
2023-Present College of Liberal Arts and Sciences (CLAS) Graduate Education Committee
2023-Present College of Liberal Arts and Sciences (CLAS) Research Committee
2022 Office of Provost Career Development Chair (CDC) Award Committee

2021-2022 College of Liberal Arts and Sciences (CLAS) CEEM Review Committee
2020 College of Liberal Arts and Sciences (CLAS) Teaching Award Selection Committee.
2019-2020 College of Liberal Arts and Sciences (CLAS) 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
2017-2022 Biostatistics and Epidemiology Research Design (BERD) Core, Integrative Biosciences Center, Faculty Associate
2017-2018 College of Liberal Arts and Sciences Election Committee

*Department*
2025–Present Personnel Committee
2022–2024 Personnel Committee
2022–2024 Salary Committee
2021–2022 Undergraduate Committee
2020-Present Director, Health Economic Research and Analysis Group
2019-2026 Co-chair, Seminar Committee, Department of Economics
2019-2020 Applied Microeconomics Reading Group, Co-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
2026-Present Budget Committee, Department of Economics
2017-2022 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

*Community*
2024-Present *Washtenaw Elementary Science Olympiad (WESO)* Treasurer and Board Member.

**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