


SHOOSHAN DANAGOULIAN

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Updated: 1/3/2023

POSITIONS:

Associate Professor 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.

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).

PUBLICATIONS

“Blood Lead Testing in Flint Before and After Water Contamination” (2022) with Derek Jenkins, Daniel Grossman, and David Slusky. Forthcoming *Pediatrics*.

“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*.

“Locking Out Prevention: Dental Care in the Midst of a Pandemic” (2021) 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, <https://doi.org/10.1093/pm/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, Lída 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. <https://doi.org/10.1002/hec.4210>

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

"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.

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

“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.

“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

“The COVID-19 Pandemic, Domestic Violence and the Riskiness of Alcohol Consumption” with Aaron Chalfin and Monica Deza. March 2021. *NBER Working Paper* No. 28523. *NBER Research Spotlight*, Monday, June 14, 2021. Revision requested *Review of Economics of Household*.

“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 2021.

WORK IN PROGRESS

“Too Little Too Late or a Highlighting of Racial Discrepancies regarding Opioid Prescriber laws? No Early Change in Opioid Mortality After Initiation of New Opioid Prescriber Laws in Michigan” with Bram Dolcourt, Kyle Mangan, John Tarchick, and Andrew King. September 2020.

“Relationship Between Residential Tax Delinquency and Use of Emergency Department in Detroit” with John Tarchick and Phillip D. Levy. January 2021.

“Seasonal Allergy Blues: Is Mental Health Worse on High Pollen Days?” with Joelle Abramowitz, August 2021.

“Insuring Change: Intensity of Care in Emergency Department Through Expanding Insurance.” With Amanda Cook and Phillip Levy. April 2021.

“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.

“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.

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

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

FUNDED GRANTS

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

- 2022-2023 “Seasonal Allergy Blues: Is Mental Health Worse on High Pollen Days?”
 Source: American Foundation for Suicide Prevention
 Award Amount: \$125,000

Role: PI

TEACHING AND ADVISING

Doctoral Advisement / Direction:

Sara Syeda, “Impact of Air Pollution on Socioeconomically Vulnerable Population- A Case Study of Detroit” expected completion July 2023.

Ryan Hetrick, expected completion May 2023.

Jacob Whitman, expected completion May 2024.

Thomas Wilks, “Urgent Care Facilities: Placement, Industry Structure, and Economic Spillovers in Local Emergency Departments,” expected completion May 2023.

Xinghua Li, expected completion May 2023, “Chinese Labour Market Participation.”

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.”

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.”

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

Undergraduate Advisement / Direction:

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

Classroom Teaching

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

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)

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 PRESENTATIONS

“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.

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

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.

“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

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

2022-Present *American Society of Health Economist (ASHEcon)* Annual Conference Junior Faculty Mentoring Session, mentor (2022)

2020-Present *CSWEP Graduate Mentoring Workshop*, mentor (2020, 2021, 2022)

2020-Present *American Society of Health Economists (ASHE)* ASSA Submission Review Committee, member

2020–Present Co-organizer and moderator, *Electronic Health Economics Colloquium (EHEC)* series

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

- 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-Present Biostatistics and Epidemiology Research Design (BERD) Core, Integrative Biosciences Center, Faculty Associate
- 2017-2018 College of Liberal Arts and Sciences Election Committee

Department

- 2021 – Present Undergraduate Committee
- 2020-Present Co-Director, Health Economic Research and Analysis Group
- 2019-2021 Co-chair, Seminar Committee, Department of Economics
- 2019-2020 Applied Microeconomics Reading Group, Co-organizer and Adviser, Department of Economics
- 2020-2021 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

UNFUNDED GRANTS

- 2022-2025 “Mental Health and Suicide at Mid-life: The Interaction of Seasonal Pollen and Place-based Factors”

- Source: National Institutes of Health (1 R01 AG)
Award Amount: \$1,155,207
Role: PI
- 2021-2023 “SCH: Reducing Hypertension Disparities Through Trustworthy Artificial Intelligence.”
Source: National Science Foundation
Award Amount: \$1,199,976
Role: co-PI
- 2021-2023 “Catch Up Detroit! Mobile Pediatric Vaccination Events to Offset Delayed Care During COVID-19.”
Source: Michigan Health Endowment Foundation
Award Amount: \$100,000
Role: Lead PI
- 2021-2023 “Catch Up Detroit! Mobile Pediatric Vaccination Events to Offset Delayed Care During COVID-19.”
Source: Blue Cross Blue Shield of Michigan Foundation
Award Amount: \$50,000
Role: Lead PI
- 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)
- 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