

ADAM I. BIENER

Lafayette College
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Easton, PA 18042

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EMPLOYMENT

Lehigh University, Bethlehem, PA August 2015
Ph.D. Economics
Dissertation: *The Impact of Obesity in Children and Adults on Medical Care Expenditures:
A Regression Calibration Instrumental Variables Approach*
Committee: Chad Meyerhoefer (Chair), Muhze Yang, Irina Panovska, John Cawley (Cornell)

Ramapo College of New Jersey, Mahwah, NJ May 2010
B.A. Economics, Minors: Mathematics, Music

EXPERIENCE

Assistant Professor of Economics July 2018 - Present
Department of Economics
Lafayette College

Economist August 2015 - June 2018
Center for Financing, Access and Cost Trends
Agency for Healthcare Research and Quality

Adjunct Professor January 2017 - May 2018
McCourt School of Public Policy
Georgetown University

Adjunct Professor September 2013 - May 2015
College of Business and Economics
Lehigh University

PEER REVIEWED PUBLICATIONS

Duffy, E., A. Biener, C. Garmon, E. Trish. 2022 "A Comparison of Estimated No Surprises Act Qualifying Payment Amounts and Payments to In-Network and Out-of-Network Emergency Medicine Professionals." *JAMA Health Forum*. 3(9), e223085-e223085.

Biener, A., B. Chartock, C. Garmon, E. Trish. 2021. "Emergency Physicians Recover a Higher Share of Charges from Out-of-Network Balance Bills than from In-Network Care." *Health Affairs*. 40:4, 622-628.

Cawley, J., A. Biener, C. Meyerhoefer, Y. Ding, T. Zvenyach, BG. Smolarz, A. Ramasamy. 2021. "Job Absenteeism Costs of Obesity in the U.S.: National and State-Level Estimates." *Journal of Occupational and Environmental Medicine*. 63(7):p 565-573.

Cawley, J., A. Biener, C. Meyerhoefer, Y. Ding, T. Zvenyach, BG. Smolarz, A. Ramasamy. 2021. "Direct Medical Costs of Obesity in the U.S. and the Most Populous States." *Journal of Managed Care and Specialty Pharmacy*. Mar;27(3):354-366.

Botros, C, S. Lozo, S. Iyer, A. Warren, R. Goldberg, J. Tomezsko, K. Sasso, P. Sand, A. Gafni-Kane, A. Biener, S. Botros-Brey. 2021. "Methenamine Hippurate Compared with Trimethoprim for the Prevention of Recurrent Urinary Tract Infections: A Randomized Clinical Trial." *International Urogynecology Journal*. 33(3), 571-580.

- Biener, A., J. Cawley, C. Meyerhoefer. 2020. “The Medical Care Costs of Obesity and Severe Obesity in Youth: An Instrumental Variables Approach.” *Health Economics*. 29(2020):624639.
- Biener, A., S. Zuvekas. 2020. “Do Racial and Ethnic Disparities in Mental Health Treatment Vary with Underlying Mental Health?” *Medical Care Research and Review*. 78(4):392-403.
- Berdahl T., A. Biener, MC. McCormick, L. Simpson, J. Guevara. 2019. “Annual Report on Children’s Healthcare: Healthcare Access and Utilization by Obesity Status in the United States, 2010-2015.” *Academic Pediatrics*. 20(2):175-187.
- Zuvekas, S., A. Biener, W. Hicks. 2019. “The Effects of Survey Enhancements on the Quality of Reporting in the Medical Expenditure Panel Survey, 2008-2015.” *Journal of Survey Statistics and Methodology*. 8(3):589-616.
- Monestime, JP., A. Biener, M. Wolford, P. Mason. 2019. “Characteristics of Office-Based Providers Associated with Secure Electronic Messaging Use: Achieving Meaningful Use.” *International Journal of Medical Informatics*. 129(2019):43-48.
- Biener, A., S. Zuvekas. 2018. “Do Racial and Ethnic Disparities in Utilization of Medical Care Vary with Underlying Health?” *Health Services Research*. 54(1):64-74.
- Biener, A., J. Cawley, C. Meyerhoefer. 2018. “The Impact of Obesity on Medical Care Costs and Labor Market Outcomes in the U.S.” *Clinical Chemistry*. 64(1):108-117.
- Biener, A., T. Selden. 2017. “Public and Private Payments for Physician Office Visits” *Health Affairs*. 36(12):2160-2164.
- Biener, A., S. Zuvekas, S. Hill. 2017. “Impact of Recent Medicaid Expansions on Office-Based Primary Care and Specialty Care among the Newly Eligible” *Health Services Research*. 53(4):2426-2445.
- Cawley J., C. Meyerhoefer, A. Biener, M. Hammer, N. Wintfeld. 2015. “Savings in Medical Expenditures Associated with Reductions in Body Mass Index Among Adults with Obesity, by Diabetes Status” *PharmacoEconomics*. 33(7):707-722.

BOOK CHAPTERS

- Biener, A., J. Cawley and C. Meyerhoefer. The Economic Costs of Obesity. Chapter 6 in Volume II of *Handbook of Obesity*, 5th Edition, George A. Bray, Claude Bouchard and Peter T. Katzmarzyk (eds.) Routledge, Nov. 30, 2023.

AHRQ-JAMA INFOGRAPHICS SERIES

- Biener, A., S. Decker, F. Rohde. 2019. “Prevalence and Treatment of Chronic Obstructive Pulmonary Disease (COPD) in the United States” *JAMA*. 322(7):602. (AHRQ-JAMA Infographic Series)
- Biener, A., S. Decker, F. Rohde. 2019. “Sources of Increased Health Care Spending in the United States” *JAMA*. 321(12):1147. (AHRQ-JAMA Infographic Series)
- Biener, A., S. Decker. 2018. “Medical Care Use and Expenditures Associated with Adult Obesity in the United States” *JAMA*. 319(3):218. (AHRQ-JAMA Infographic Series)

REPORTS

- Biener A. “Prosecutorial Case Backlog Project: Survey Findings Report.” Association of Prosecuting Attorneys. January, 2024.
- Hoskins, D., A. Biener “Building the Table: Advancing Race Equity in the Criminal Legal System.” JustLead-

ershipUSA and Association of Prosecuting Attorneys. February, 2023.

Biener, A. "Prosecutor Workplace and Compensation Study: Report of Findings." Association of Prosecuting Attorneys. November, 2021.

Zewde, N., A. Biener. "State Insurance Reforms and the Tradeoffs of a Public Option" Roosevelt Institute. June, 2020.

OP-EDS AND BLOGS

Zewde, N., C. Drake, A. Biener. "Basic Health Programs: An Alternative to Public Options?" Issue Brief. Commonwealth Fund. March 27, 2024. <https://doi.org/10.26099/xdgv-xz53>

CONFERENCE PROCEEDINGS AND OTHER PUBLICATIONS

Garmon, C., A. Biener, B. Chartock, E. Duffy, E. Trish. 2023. "The Impact of the No Surprises Act on Physician-Insurer Negotiations" SSRN Working Paper

Mitchell, E., J Anderson, A. Biener. 2020. "Undercounting of Healthcare Utilization in the Medical Expenditure Panel Survey" AHRQ Working Paper 20001

Biener A., J. Cawley, C. Meyerhoefer. 2017. "The Medical Care Costs of Youth Obesity: An Instrumental Variables Approach" NBER Working Paper #23682

Anderson J., E. Mitchell, A. Biener. 2017. "Evaluation of Health Care Event Reporting in a National Household Survey" Joint Statistical Meetings, 2017 Proceedings

Biener, A., C. Meyerhoefer, J. Cawley. 2017. "The High and Rising Costs of Obesity to the U.S. Health Care System" *Journal of General Internal Medicine*. 32(Suppl 1):6-8. (Research Editorial)

IN PROGRESS

"Non-Classical Measurement Error in Instrumental Variables Estimation: An Application to the Medical Care Costs of Obesity"

Biener, A., C. Meyerhoefer, J. Cawley

Revised and Resubmitted at Health Economics, Second R&R

"Enrollment in Medicare is Associated with Fewer Outpatient Mental Healthcare Visits Among Those with Severe Psychological Distress"

McCormack G., E. Duffy, J. Rohrer, A. Biener

Under Review at Health Services Research

"Recent Cohorts Aging into Medicare Use More Counseling and Psychotherapy than Past Cohorts"

McCormack G., E. Duffy, A. Biener

Under Review at American Journal of Managed Care

"Wage Gaps and Health"

Averett, S., A. Biener, O. Ogrokhina

"No Surprises Act Independent Dispute Resolution Outcomes"

Adler, L., A. Biener, B. Chartock, E. Duffy, C. Garmon, E. Trish

"Accounting for Insurer and Provider Market Concentration in No Surprises Act Arbitration"

Garmon, C., A. Biener, B. Chartock, E. Duffy, E. Trish

"Financial Strain Associated with Out-of-Network and Surprise Bills"

Meille G., A. Biener, C. McClellan, S. Zuvekas

“Weighing In: Does Reliance on Body Mass Index Exacerbate Racial and Ethnic Disparities in Obesity Treatment?”

Biener, A.

“Racial and Ethnic Disparities in Health Insurance Coverage Among Young Adults”

Biener A., E. Duffy

GRANTS AND CONTRACTS

Analytic Support to MEPS Medical Provider Component, September 2023 - December 2023
Professional Services Contract
Agency for Healthcare Research and Quality - AHR315075: \$15,200

Consultant: Academic Policy Researcher, X-Grant to Advance Race Equity January 2022 - June 2022
MacArthur Grant No. 21-2112-156156-CJ: \$7,500

Expertise on Infographics and Data Products, Professional Services Contract May 2020 - October 2020
Agency for Healthcare Research and Quality - AHR256503: \$20,000

REFEREED CONFERENCE PRESENTATIONS

American Society of Health Economists 13th Annual Research Conference, San Diego, CA. June 2024

- “Racial and Ethnic Disparities in Health Insurance Coverage Among Young Adults”
Biener, A., E. Duffy.
- “Enrollment in Medicare is Associated with Fewer Outpatient Mental Healthcare Visits Among Those with Severe Psychological Distress”
McCormack G., E. Duffy, J. Rohrer, A. Biener
- “Financial Strain Associated with out-of-Network and Surprise Bills”
Meille G., A. Biener, C. McClellan, S. Zuvekas.

Eastern Economic Association 50th Annual Conference, Boston, MA. March 2024
“Weighing in: Does Reliance on Body Mass Index Exacerbate Racial and Ethnic Disparities in Obesity Treatment?”
Biener, A.

American Society of Health Economists 12th Annual Research Conference, St. Louis, MO. June 2023

- “The Financial Burden of Balance Billing and Equity Effects of the No Surprises Act”
Biener, A.
- “Wage Gaps and Health”
Averett, S., A. Biener, O, Ogrokhina

Eastern Economic Association 49th Annual Conference, New York, NY. February 2023
“Wage Gaps and Health”
Averett, S., A. Biener, O, Ogrokhina

American Society of Health Economists 11th Annual Research Conference. June 2022
“The Impact of the No Surprises Act on Physician-Insurer Negotiations”
Garmon, C., A. Biener, B. Chartock, E. Duffy, E. Trish

Missouri Valley Economic Association Fifty-Eighth Annual Meeting. (virtual) October 2021
The Impact of the No Surprises Act on Physician-Insurer Negotiations
Garmon, C., A. Biener, B. Chartock, E. Trish

American Association of Public Opinion Research. (virtual) May 2021
Impact of Survey Design Changes on the Quality of Health Care Utilization Estimates.

Evidence From the Medical Expenditure Panel Survey and the National Health Interview Survey
Chevarley, FM., A. Biener, S. Chowdhury

Association for Public Policy Analysis and Management Fall Research Conference. (virtual) November 2020
“State Insurance Reforms and the Trade-Offs of a Public Option”

Zewde, N., A. Biener

AcadamyHealth 2020 Annual Research Meeting. (virtual) July 2020

- “State Insurance Reforms and the Trade-Offs of a Public Option.” (virtual poster)
Zewde, N., A. Biener
- “The Job Absenteeism Costs of Obesity in the U.S.” (virtual poster)
Cawley, J., A. Biener, C. Meyerhoefer, Y. Ding, T. Zvenyach, BG. Smolarz, A. Ramasamy
- “The Direct Medical Care Costs of Obesity in the U.S.” (virtual poster)
Cawley, J., A. Biener, C. Meyerhoefer, Y. Ding, T. Zvenyach, BG. Smolarz, A. Ramasamy

American Association of Public Opinion Research. (virtual) June 2020

“The MEPS Medical Organizations Survey: Extending Survey Data with Matched Data from Records and Commercial Sources”

M. Wolford, A. Moriya, A. Biener

American Society of Health Economists 9th Annual Research Conference. (virtual) June 2019

“The Financial Burden of Surprise Medical Bills”

Biener, A., C. Garmon, B. Chartock, E. Trish

American Society of Health Economists 8th Annual Research Conference, Washington, DC. June 2019

“Characteristics of Office-Based Providers Associated with Secure Electronic Messaging Use: Achieving Meaningful Use”

JP. Monestime, A. Biener, M. Wolford, P. Mason

American Society of Health Economists 7th Biennial Research Conference, Atlanta, GA. June 2018

“Preventive Care Access and Use as a Driver of Racial and Ethnic Disparities in Medical Care” (poster)

A. Biener, S. Zuvekas

FedCASIC 2018 Workshop, Suitland, MD. April, 2018

- “MEPS Provider Look-up Enhancement”
A. Biener, M. Stagnitti, W. Hicks
- “The Effects of Survey Enhancements on Reporting in the Medical Expenditure Panel Survey”
S. Zuvekas, A. Biener, W. Hicks

Federal Committee on Statistical Methodology Research and Policy Conference, March, 2018

Washington DC.

“Evaluation of Health Care Event Reporting in a National Household Survey Using Medical Provider Data”

J. Anderson, E. Mitchell, A. Biener

Second Annual Federal Behavioral Health Economics and Services Research Meeting, September 2017

Washington, DC.

“Do Racial and Ethnic Disparities in Utilization of Mental Healthcare Vary with Underlying Mental Health?”

A. Biener, S. Zuvekas

Joint Statistical Meetings, Baltimore, MD. July 2017

- “The MEPS Medical Organizations Survey: Lessons Learned on Non-Response and Data Quality from a Linked Survey Data Collection Strategy”
M. Wolford, A. Biener, M. Stagnitti

- “Evaluation of Health Care Event Reporting in a National Household Survey”
J. Anderson, A. Biener, E. Mitchell

International Health Economics Association 12th World Congress, Boston, MA. July 2017
“The Medical Care Costs of Youth Obesity”
A. Biener, J. Cawley, C. Meyerhoefer

AcademyHealth 2017 Annual Research Meeting, New Orleans, LA. June 2017
“Do Racial and Ethnic Disparities in Utilization of Medical Care Vary with Underlying Health?”
A. Biener, S. Zuvekas

American Society of Health Economists 6th Biennial Research Conference, Philadelphia, PA. June 2016
“Measurement Error Correction in Impact of Obesity Studies”
A. Biener, C. Meyerhoefer, J. Cawley

Eastern Economic Association Annual Conference, Washington, DC. February 2016
“Practical Considerations when Error-Correcting BMI in Impact of Obesity Studies”
A. Biener, C. Meyerhoefer, J. Cawley

AEA/ASSA Annual Meeting, Boston, MA. January 2015
Contributed Papers in the Economics of Hospitals, Public Insurance, and Medical Expenditures
“Estimating the Medical Care Costs of Youth Obesity in the Presence of Proxy Reporting Error”
A. Biener, C. Meyerhoefer, J. Cawley

Obesity Week 2014 (The Obesity Society’s Annual Scientific Meeting), Boston, MA. November 2014
“Savings in Medical Expenditures Associated with Reductions in Body Mass Index Among Adults with Obesity, by Diabetes Status”
J. Cawley, C. Meyerhoefer, A. Biener, M. Hammer, N. Wintfeld

American Society of Health Economists 5th Biennial Research Conference, Los Angeles, CA. July 2014
“The Medical Care Costs of Childhood Obesity” (poster)
A. Biener, C. Meyerhoefer, J. Cawley

Eastern Economic Association Annual Conference, New York, NY. May 2013
“The Medical Care Costs of Childhood Obesity”
A. Biener, C. Meyerhoefer, J. Cawley

INVITED PRESENTATIONS

CFACT Seminar, Agency for Healthcare Research and Quality, Rockville, MD. May 18, 2023
“The Financial Burden of Balance Billing and Equity Effects of the No Surprises Act”
A. Biener

Major County Prosecutors Council Summer Meeting, Nashville, TN July 30, 2021
“Prosecutor Office Staffing and Workload Survey Findings Report”
A. Biener

Kansas Health Economics Conference, Lawrence, KS. March 23, 2020
“The Financial Burden of Surprise Medical Bills”
A. Biener, B. Chartock, C. Garmon, E. Trish

CFACT Seminar, Agency for Healthcare Research and Quality October 2019
“AHRQ-JAMA Infographic Series”
A. Biener, S. Decker

Lafayette College Marquis Scholar seminar series October 2018
The Role of Health Economics in Evaluating Healthcare Policy
A. Biener

CFACT Seminar, Agency for Healthcare Research and Quality, Rockville, MD. “Evaluation of Health Care Event Reporting in a National Household Survey Using Medical Provider Data” <u>J. Anderson</u> , <u>E. Mitchell</u> , <u>A. Biener</u>	February, 2018
CFACT Seminar, Agency for Healthcare Research and Quality “Do Racial and Ethnic Disparities in Utilization of Medical Care Vary with Underlying Health?” <u>A. Biener</u> , S. Zuvekas	October 2016
CFACT Seminar, Agency for Healthcare Research and Quality “Stata and Excel” <u>A. Biener</u>	May 2016
The XIII International Congress on Obesity, Vancouver, Canada. “The Medical Care Costs of Youth Obesity” A. Biener, <u>C. Meyerhoefer</u> , and J. Cawley	May 2016
National University of Ireland Galway, Galway, Ireland. Department of Economics, Finance and Accounting seminar “Estimating the Medical Care Costs of Youth Obesity” A. Biener, <u>C. Meyerhoefer</u> , J. Cawley	October 2015
National University of Ireland Maynooth, Maynooth, Ireland. Department of Economics seminar “Estimating the Medical Care Costs of Youth Obesity” A. Biener, <u>C. Meyerhoefer</u> , J. Cawley	October 2015
CFACT Seminar, Agency for Healthcare Research and Quality “The Medical Care Costs of Youth Obesity” <u>A. Biener</u> , <u>C. Meyerhoefer</u> , J. Cawley	September 2015

OTHER CONFERENCE ACTIVITIES

American Society of Health Economists 13th Annual Research Conference, San Diego, CA. Session organizer: “Insurance Networks, Payment Regulations, and Patient Out-of-Pocket Spending” Discussant (one paper)	June 2024
Eastern Economic Association 50th Annual Conference, Boston, MA. Discussant (three papers)	March 2024
NBER Summer Institute 2023 Invited attendee: Health Economics; Methods Lectures: Linear Panel Event Studies	July 2023
Eastern Economic Association 49th Annual Conference, New York, NY. Discussant (one paper) Session Chair: “Obesity, Diabetes and Mortality”; “Physician and Healthcare Services: Supply and Demand”	February 2023
American Society of Health Economists 12th Annual Research Conference, St. Louis, MO. Discussant (one paper)	June 2023
Eastern Economic Association 49th Annual Conference, New York, NY. Discussant (one paper)	February 2023
American Society of Health Economists 11th Annual Research Conference, Austin, TX. Session Chair: “Innovations in Health Econometrics and Identification” Discussant (one paper)	June 2022
NBER Summer Institute 2021, Health Economics Workshop	July 2021

Invited Attendee: Health Economics

American Society of Health Economists 10th Annual Research Conference (Virtual). June 2021
 Session Chair: “Emerging Scholar Session - Competition in Health Care Markets and
 Insurer and Hospital Behaviors”
 Discussant (one paper)

NBER Health Economics Program Meeting Spring 2021 May 2021
 Invited Attendee: Health Economics

NBER Health Economics Program Meeting Fall 2020 December 2020
 Invited Attendee: Health Economics

American Society of Health Economists 8th Annual Research Conference, Washington, DC. June 2019
 Discussant (one paper)

American Society of Health Economists 7th Biennial Research Conference, Atlanta, GA. June 2018
 Discussant (two papers)

American Society of Health Economists 6th Biennial Research Conference, Philadelphia, PA. June 2016
 Session Organizer: “Treatment Effect Estimation Methods with Misreported or Missing Data”

NBER Summer Institute for Health Economics July 2013
 Invited Attendee: Health Economics

Eastern Economic Association Annual Conference, New York, NY. May 2013
 Session Chair, “The Economics of Obesity”
 Discussant (one paper)

OTHER RESEARCH EXPERIENCE

Center for Financing, Access and Cost Trends, Agency for Healthcare July 2018 - July 2019
 Research and Quality
 Guest Researcher

Institute on Health Economics, Health Behaviors, and Disparities, Cornell University August 2014
 Visiting scholar

Lehigh University / LVHN EHR Evaluation Summer 2012, Summer 2013
 Research Assistant

HONORS AND AWARDS

Outstanding reviewer: *Annals of Internal Medicine* 2023, 2020, 2019, 2018

Director’s award of merit, AHRQ Honor Award October 2018
 ”Hands-on programming team for MEPS data user workshop”

Peer recognition award for value excellence, AHRQ Honor Award March 2018

Elizabeth V. Stout dissertation award, Lehigh University August 2016

Presidential fellowship, Lehigh University Fall 2010 - Spring 2011

Sebastian J. Raciti endowed scholarship for undergraduates majoring in Economics 2009
 Ramapo College of New Jersey

SELECTED MEDIA CITATIONS

<i>NPR, The Indicator</i> “Who can and cannot get weight-loss drugs”	December 4, 2023
<i>Tradeoffs</i> , “Ozempic Hype Forces Employer Calls on Obesity Coverage,	September 28, 2023
<i>Medscape Medical News</i> , “Emergency Out-of-Network Payments Were Twice the, Benchmark Level”	September 22, 2022
<i>Health Policy Today</i> , “Why Don’t Insurers Take Obesity Seriously?”	June 30, 2022
<i>ABA Journal</i> , “Prosecutor pay isn’t keeping up with inflation even as some case backlogs grow, study author says”	November 24, 2021
<i>US News and World Report</i> , “AHA News: Another Barrier for Black and Hispanic People: Good Mental Health Care”	October 6, 2021
<i>Wall Street Journal</i> , “Patients to Be Protected From Surprise Billing Under New Rule”	July 1, 2021
<i>Healthcare Dive</i> , “Patients Hit with Surprise Medical Bills Paid ER Docs 10 Times More than others”	April 13, 2021
<i>Wall Street Journal</i> , “Don’t Let Them Eat Cake: Bosses Sugar-Shame Office Treats”	September 17, 2018
<i>Forbes</i> , “Trump To The Poor: Here’s What Will Be On Your Dinner Plates”	February 13, 2018
<i>Healthcare Finance</i> , “How Much Does Obesity Cost the Healthcare System? It Differs by State”	February 12, 2018
<i>Brookings</i> , “The Essential Scan: Top Findings in Health Policy Research”	September 21, 2017
<i>The Downey Obesity Report</i> , “Treat Those with Severe Obesity to Save Serious Money”	July 31, 2015
<i>Vox</i> , “A New Study Reveals Something Important About Obesity and Health Costs”	July 17, 2015
<i>BloombergBusiness</i> , “Obesity is Hurting the U.S. Economy in Surprising Ways”	March 5, 2015

OTHER MEDIA

<i>ASHEcon Newsletter</i> , “Careers in Health Economics: Agency for Healthcare Research and Quality”	Fall 2018
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PROFESSIONAL SERVICE

Statistical Reviewer

<i>JAMA Network Open</i>	July 2019 - Present
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Referee

American Journal of Preventive Medicine, American Journal of Public Health, Annals of Internal Medicine, BMC Public Health, Bulletin of Economic Research, Clinical Ophthalmology, Childhood Obesity, Contemporary Economic Policy, Eastern Economic Journal, Economic Journal, Economics and Human Biology, European Journal of Sport Science, Health Affairs, Health Economics, Health Economics Review, Health Services Research, International Journal of Obesity, IZA Journal of Development and Migration, JAMA Network Open, JAMA Pediatrics, Journal of Business and Economic Studies, Journal of Economic Behavior and Organization, Journal of Economic Surveys, Journal of Health Economics, Journal of Policy Analysis and Management, Journal of Racial and Ethnic Health Disparities, Labour Economics, Obesity, PLOS One, Simulation in Medicine, Value in Health

TEACHING EXPERIENCE

Lafayette College

ECON 215: Health Economics	SP 2023, FL 2023, SP 2024
ECON 251: Intermediate Microeconomics	FL 2018, SP 2021, FL 2021
ECON 253: Fundamentals of Econometrics	SP 2019, SP 2020, FL 2020, SP 2023, FL 2023, SP 2024
ECON 401: Economics of the US Healthcare System (Senior Capstone)	SP 2020, FL 2021

Georgetown University - McCourt School of Public Policy

Market Failure and Public Economics	SP 2017, SP 2018
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Lehigh University

Statistical Methods	Summer 2014, FL 2014, SP 2015
Intermediate Microeconomics	FL 2013, SP 2014, FL 2014

RESEARCH ADVISING

Doctor of philosophy in economics, outside dissertation committee member

- Pei-Chuan Ho (Lehigh University) 2020-2021
- Yue Yuan (Lehigh University) 2018-2019
- Bita Fayaz Farkhad (Lehigh University) 2017-2019

Honor's thesis advising

- Kate Kinder ('21) - Government and Law (Outside reader) AY 2020-2021
 - "Rising Partisan Polarization in the United States: Its Causes, and Views from the Left and Right"
- Aurie Greenberg ('22) - Math and Economics (Primary advisor) AY 2021-2022
 - "State-Run COVID-19 Vaccination Incentive Programs and Vaccination Decisions among Vaccine-Hesitant Individuals"
- Masha Nguyen ('22) - Math and Economics (Co-primary advisor) AY 2021-2022
 - "The Gender Wage Gap and its Effect on Mental Well-Being of Women in Russia"
- Hannah Spitzer ('22) - Policy Studies (Primary advisor) AY 2021-2022
 - "Decriminalization of Mental Health Through Pre-Booking Diversion Policies Benefit All"
- Meghan Haddad ('22) - Policy Studies (Second reader) AY 2021-2022
 - "Bridge the Gap for Medicare Recipients: Acute Hospital Care at Home Programs"
- Marjana Tafader ('22) - Neuroscience (Outside reader) AY 2021-2022
 - "Childhood SES and Age-Related Cognition and Age-Related Cortical Thickness in Racially/Ethnically Diverse Older Adults"
- Alexa Sadowski ('24) - Economics (Primary advisor) AY 2023-2024
 - "An Analysis of the Efficiency of Hospital Pricing"
- Emily Tesbir ('24) - Economics (Second reader) AY 2023-2024
 - "Effect of State Paid Maternity Leave Policies on Womens' Health"

Research Assistantships

- Wenxin (Cyndia) Chen ('22) - "Prosecutor Workload and Compensation Survey" Fall 2020
- Emma Chen ('24) - X-Grant to Advance Race Equity Summer 2022
MacArthur Grant No. 21-2112-156156-CJ

EXCEL Scholars

- Wenxin (Cyndia) Chen ('22) - "Prosecutor Workload and Compensation Survey" Winter 2020
- Masha Nguyen ('22) - "Racial and Ethnic Disparities in Hospital Care" Summer 2021
- Ran Peng ('22) "Racial and Ethnic Disparities in Hospital Care" Fall 2021
- Ainsley Carlson ('24) "Mental Healthcare Disparities by Race/Ethnicity, Gender and Sexual Orientation" Spring 2024

Independent Study

- Cameron O'Neil ('21) Spring 2021
- Ainsley Carlson ('24) Fall 2023
- Olivia Bamford ('24) Spring 2024

COLLEGE SERVICE

High Performance Computing Cluster Advisory Group	2019 - Present
Policy Studies Advisory Board	2021 - Present
Institutional Review Board	2022 - Present
Health Professions Advisory Committee	2022 - Present
Board of Trustees Audit Committee	2023 - Present

SKILLS AND CREDENTIALS

STATA, SAS, R, L^AT_EX, Adobe Illustrator, Sworn Special Status