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EDUCATION

Lehigh University, Bethlehem, PA August 2015
Ph.D. Economics

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*. doi: 10.1097/JOM.0000000000002198

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.

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. “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.

REFEREED CONFERENCE PRESENTATIONS

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 Mean-
ingful 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

- Major County Prosecutors Council Summer Meeting, Nashville, TN
“Prosecutor Office Staffing and Workload Survey Findings Report”
A. Biener July 30, 2021
- Kansas Health Economics Conference, Lawrence, KS.
“The Financial Burden of Surprise Medical Bills”
A. Biener, B. Chartock, C. Garmon, E. Trish March 23, 2020
- CFACT Seminar, Agency for Healthcare Research and Quality
“AHRQ-JAMA Infographic Series”
A. Biener, S. Decker October 2019
- Lafayette College Marquis Scholar seminar series
The Role of Health Economics in Evaluating Healthcare Policy
A. Biener October 2018
- 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”
J. Anderson, E. Mitchell, A. Biener February, 2018
- CFACT Seminar, Agency for Healthcare Research and Quality
“Do Racial and Ethnic Disparities in Utilization of Medical Care Vary with Underlying Health?”
A. Biener, S. Zuvekas October 2016
- CFACT Seminar, Agency for Healthcare Research and Quality
“Stata and Excel”
A. Biener May 2016
- The XIII International Congress on Obesity, Vancouver, Canada.
“The Medical Care Costs of Youth Obesity”
A. Biener, C. Meyerhoefer, 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, C. Meyerhoefer, 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, C. Meyerhoefer, J. Cawley October 2015
- CFACT Seminar, Agency for Healthcare Research and Quality
“The Medical Care Costs of Youth Obesity”
A. Biener, C. Meyerhoefer, J. Cawley September 2015

OTHER CONFERENCE ACTIVITIES

- Eastern Economic Association 49th Annual Conference, New York, NY.
Discussant (one paper) February 2023
- American Society of Health Economists 11th Biennial 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
American Society of Health Economists 10th Annual Research Conference (Virtual). Discussant (one paper) Session Chair: Emerging Scholar Session - Competition in Health Care Markets and Insurer and Hospital Behaviors	June 2021
NBER Health Economics Program Meeting Spring 2021	May 2021
NBER Health Economics Program Meeting Fall 2020	December 2020
American Society of Health Economists 8th Annual Research Conference, Washington, DC. Discussant (one paper)	June 2019
American Society of Health Economists 7th Biennial Research Conference, Atlanta, GA. Discussant (two papers)	June 2018
American Society of Health Economists 6th Biennial Research Conference, Philadelphia, PA. Session Organizer: "Treatment Effect Estimation Methods with Misreported or Missing Data"	June 2016
NBER Summer Institute for Health Economics	July 2013
Eastern Economic Association Annual Conference, New York, NY. Session Chair, "The Economics of Obesity" Discussant (one paper)	May 2013

CONFERENCE PROCEEDINGS AND OTHER PUBLICATIONS

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)

WORKING PAPERS

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

IN PROGRESS

"Measurement Error Correction in Cost of Obesity Studies"
Biener, A., C. Meyerhoefer, J. Cawley

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

"Wage Gaps and Health"
Averett, S., A. Biener, O. Ogrokhina

"The Financial Burden of Balance Billing and Equity Effects of the No Surprises Act"
Biener, A.

“State Insurance Reforms and the Tradeoffs of a Public Option.”
Zewde, N., A. Biener

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

GRANT AND CONTRACTS

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

SELECTED MEDIA CITATIONS

Medscape Medical News, “Emergency Out-of-Network Payments Were Twice the, September 22, 2022
Benchmark Level”
ABA Journal, “Prosecutor pay isn’t keeping up with inflation even as some November 24, 2021
case backlogs grow, study author says”
US News and World Report, “AHA News: Another Barrier for Black and Hispanic October 6, 2021
People: Good Mental Health Care”
Wall Street Journal, “Patients to Be Protected From Surprise Billing Under New Rule” July 1, 2021
Healthcare Dive, “Patients Hit with Surprise Medical Bills Paid ER Docs 10 Times More April 13, 2021
than others”
Wall Street Journal, “Dont Let Them Eat Cake: Bosses Sugar-Shame Office Treats” September 17, 2018
Forbes, “Trump To The Poor: Here’s What Will Be On Your Dinner Plates” February 13, 2018
NY Daily News, “U.S. Health Care Costs Up 29% Because of Obesity” February 12, 2018
Healthcare Finance, “How Much Does Obesity Cost the Healthcare System? February 12, 2018
It Differs by State”
Brookings, “The Essential Scan: Top Findings in Health Policy Research” September 21, 2017
The Downey Obesity Report, “Treat Those with Severe Obesity to Save Serious Money” July 31, 2015
Vox, “A New Study Reveals Something Important About Obesity and Health Costs” July 17, 2015
BloombergBusiness, “Obesity is Hurting the U.S. Economy in Surprising Ways” March 5, 2015

OTHER MEDIA

ASHEcon Newsletter, “Careers in Health Economics: Agency for Healthcare Research and Quality” Fall, 2018

REFEREE EXPERIENCE

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*, *Eastern 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 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*, *PLOS One*, *Simulation in Medicine*, *Value in Health*

Statistical Reviewer

JAMA Network Open July 2019 - Present

TEACHING EXPERIENCE

Lafayette College

Health Economics
Intermediate Microeconomics
Fundamentals of Econometrics
Economics of the US Healthcare System (Senior Capstone)

Georgetown University

Market Failure and Public Economics

Lehigh University

Statistical Methods
Intermediate Microeconomics
Money and Banking and Financial Systems (Teaching Assistant)
Principles of Economics (Teaching Assistant)

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

OTHER RESEARCH EXPERIENCE

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

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

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

HONORS AND AWARDS

Outstanding reviewer: *Annals of Internal Medicine* 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 2009
economics, Ramapo College of New Jersey

SKILLS AND CREDENTIALS

STATA, SAS, R, \LaTeX , Adobe Illustrator, Sworn Special Status