

Erin Lindsey Duffy, PhD, MPH

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PROFESSIONAL EXPERIENCE

USC Leonard D. Schaeffer Center for Health Policy & Economics – Los Angeles, CA

2024-present Director of Research Training
2021-present Research Scientist
2019-2021 Postdoctoral Research Fellow
2018-2019 Contractor

RAND Corporation – Santa Monica, CA

2019-present Adjunct Policy Researcher
2015-2019 Assistant Policy Researcher

UCLA Department of Medicine Statistics Core – Los Angeles, CA

2014-2015 Principal Statistician
2013 Senior Statistician

Cambridge Public Health Department – Cambridge, MA

2012 Epidemiology & Data Services Intern

Catholic Charities Refugee & Immigrant Services – Boston, MA

2010-2011 Case Manager & Financial Specialist

EDUCATION

Pardee RAND Graduate School – Santa Monica, CA

2019 Ph.D. in Policy Analysis

Boston University – Boston, MA

2012 M.P.H. in Biostatistics and Epidemiology

Wellesley College – Wellesley, MA

2010 B.A. in Religion

POLICY IMPACT AND PRESS

Erin Duffy's research has been cited in publications by the Medicare Payment Advisory Commission and Centers for Medicare & Medicaid Services. Her expertise is sought by federal and state policymakers on matters of healthcare costs, market competition, and consumer protection. Her research has been featured in television, radio, and written media such as the New York Times, National Public Radio, CNN, NBC, and ABC.

PUBLICATIONS

- Duffy EL**, Frasco M, Trish E. (2024) Disparate Patient Advocacy When Facing Unaffordable and Problematic Medical Bills. *JAMA Health Forum*. 2024;5(8):e242744.
- Duffy EL**, Randall S, Green S, Trish E. (2024) Beyond Average Out-of-Pocket Spending for Commercial Insurance Enrollees: Distributional and Seasonal Trends, 2012-2021. *AJMC*, 30(9):300-305.
- Frasco M, **Duffy EL**, Trish E. (2024) Public Perspectives on Hospital At-Home Care. *JAMA*. 2024;332(5):422-424.
- Duffy EL**, Green S, Randall S, Trish E. (2024) Deductible Double Jeopardy: More Out-Of-Pocket When Pregnancy Crosses Two Years. *AJMC*, 30(6):285-288.
- Randall S, Rohr J, Wong N, Nguyen N, Trish E, **Duffy EL**. (2024) Secret Shopper Study: Underinsured Elective Surgery Patients. *Health Affairs Scholar*, 2(5):qxae062.
- Randall S, Wong N, Trish E, **Duffy EL**. (2024) Prevalence and Characteristics of Medical Payment Products at U.S. Hospitals. *JAMA Health Forum*, 5(3):e240231.
- Kerber R, **Duffy EL**, Whaley C. (2023) Commercial Payments for COVID-19–Associated Inpatient Stays in 2020. *JAMA Health Forum*, 4(11):e233711.
- Adler L, Ly B, **Duffy E**, Hannick K, Hall M, Trish E. (2023) Ground Ambulance Billing And Prices Differ By Ownership Structure. *Health Affairs*, 42(2):227-236.
- Duffy EL**, Biener A, Garmon C, Trish EE. (2022) 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.
- Randall S, **Duffy EL**, Green S, Trish E. (2022) Insurers negotiate lower hospital prices for HIX than for commercial groups. *American Journal of Managed Care*, 28(9):e347-e350.
- Reid RO, Tom AK, Ross RM, **Duffy EL**, Damberg CL. (2022) Physician Compensation Arrangements and Financial Performance Incentives in US Health Systems. *JAMA Health Forum*, 3(1):e214634.
- Lin E, Ly B, **Duffy E**, Trish E. (2022) Medicare Advantage Plans Pay Large Markups To Consolidated Dialysis Organizations. *Health Affairs*, 41(8):1107-1116.
- Duffy EL**, Adler L, Chartock BL, Trish E. (2022) Dispute Resolution Outcomes for Surprise Bills in Texas. *JAMA*, 327(23):2350-2351.
- Duffy EL**, Ly B, Adler L, Trish E. (2021) Commercial and Medicare Advantage Payment for Anesthesiology Services. *American Journal of Managed Care*, 27(6):294-e299.
- Chartock B, Adler L, Ly B, **Duffy E**, Trish E. (2021) Arbitration Over Out-Of-Network Medical Bills: Evidence From New Jersey Payment Disputes. *Health Affairs*, 40(1):130-137.
- Ridgely MS, Buttorff C, Wolf LJ, **Duffy EL**, Tom A, Damberg CL, Scanlon DP, Vaiana ME. (2020) The Importance of Understanding and Measuring Health System Structural, Functional, and Clinical Integration. *Health Services Research, Special Issue: Comparative Health System Performance*, 55(S3):1049-1061.
- Duffy, E.L.**, Ly, B., Adler, L., Trish, E. (2020) Policies to Address Surprise Billing Can Affect Health Insurance Premiums. *American Journal of Managed Care*, 26(9):401-404.

- Duffy EL**, Adler L, Ginsburg PB, Trish E. (2020) Prevalence And Characteristics Of Surprise Out-Of-Network Bills From Professionals In Ambulatory Surgery Centers. *Health Affairs*, 39(5):783-790.
- Rudin RS, Fanta CH, Qureshi N, **Duffy E**, Edelen MO, Dalal AK, Bates DW. (2019) A Clinically Integrated mHealth App and Practice Model for Collecting Patient-Reported Outcomes between Visits for Asthma Patients: Implementation and Feasibility. *Applied Clinical Informatics*, 10(5):783-793.
- Duffy EL**. (2019) Influence of Out-of-Network Payment Standards on Insurer-Provider Bargaining: California's Experience. *American Journal of Managed Care*, 25(8):e294-e297.
- Ridgely MS, **Duffy EL**, Wolf LJ, Vaiana ME, Scanlon DP, Buttorff C, Leitzell B, Ahluwalia S, Hilton L, Agniel D, Haviland A, Damberg CL. (2019) Understanding U.S. Health Systems: Using Mixed Methods to Unpack Organizational Complexity. *eGEMs (Generating Evidence & Methods to improve patient outcomes)*, 7(1):39.
- Greiger C, Kranz A, Dick A, **Duffy EL**, Sorbero M, Stein B. (2018) Delivery of Preventative Oral Health Services by Ruralty: A Cross-Sectional Analysis. *Journal of Rural Health*, 35(1):3-11.
- Duffy EL**, Kranz A, Dick A, Sobero M, Stein B. (2018) Association Between Type of Health Insurance and Children's Oral Health, NHANES 2011-2014. *Journal of Public Health Dentistry*, 78(4):337-345.
- Kranz A, **Duffy EL**, Dick A, Sobero M, Stein B. (2018) Impact of Medicaid Policy on the Oral Health of Publicly Insured Children. *Maternal and Child Health Journal*, 23(1):100-108.
- Popescu I, **Duffy E**, Mendelsohn J, Escarce J. (2018) Racial residential segregation, socioeconomic disparities, and the White-Black survival gap. *PLOS ONE*, 13(2):e0193222.
- Fischer S, Armstrong C, **Duffy E**, Hussey P. (2017) A Mixed-Methods Evaluation of an Integrated Medication Management Program and Implications for Implementation. *Research in Social and Administrative Pharmacy*, 13(5):959-968.
- Bauer EM, Ben-Artzi A., Duffy EL, Elashoff DA, Vangala SS, Fitzgerald J, Ranganath VK. (2017) Joint-specific Assessment of Swelling and Power Doppler in Obese Rheumatoid Arthritis Patients. *BMC Musculoskeletal Disord*, 18(1):99.
- Naylor SL, **Duffy EL**, El-Farra NS, Diamant AL. (2016) Empowering Medical Students to Practice Value-based Care: A Prospective Cohort Study of an Educational Intervention. *Proceedings of UCLA Healthcare*, Vol. 20.
- Miele C, Schwab K, Saggarr R, **Duffy E**, Elashoff D, et al. (2016) Lung Transplant Outcomes in Systemic Sclerosis with Significant Esophageal Dysfunction: A Comprehensive Single Center Experience. *Annals of the American Thoracic Society*, 13(6):793-802.
- Wallace B, Khanna D, Aquino-Beaton C, Singh JA, **Duffy E**, Elashoff D, Khannah PP. (2016) Performance of Gout Impact Scale in a Longitudinal Observational Study of Patients with Gout. *Rheumatology*, 55(6):982-90.
- Ranganath VK, Motamedi K, Haavardsholm EA, Maranian P, Elashoff D, McQueen F, **Duffy EL**, Bathon JM, Curtis JR, Chen W, Moreland L, Louie J, Amjadi S, O'Dell J, Cofield SS, St.Clair EW, Bridges SL, Paulus HE. (2015) Comprehensive Appraisal of MRI Findings in Sustained RA Remission: Sub-Study of the TEAR Trial. *Arthritis Care & Research*, 67(7):929-39.
- Apostolova LG, Di LJ, **Duffy E**, Brooks J, Elashoff D, Tseng CH, Fairbanks L, Cummings JL. (2014) Risk Factors for Behavioral Abnormalities in Mild Cognitive Impairment and Mild Alzheimer's Disease. *Dementia and Geriatric Cognitive Disorders*, 37(5-6):315-326.

Saggar R, Khanna D, Vaidya A, Derhovanessian A, Maranian P, **Duffy EL**, Belperio JA, Weigt SS, Dua S, Shapiro SS, Goldin JG, Abtin F, Lynch JP, Ross DJ, Forfia PR, Saggar R. (2014) Changes in Right Heart Haemodynamics and Echocardiographic Function in an Advanced Phenotype of Pulmonary Hypertension and Right Heart Dysfunction Associated With Pulmonary Fibrosis. *Thorax*, 69(2):123-129.

Grisby S, Miller M, Dunn JCY, Patel S, Elashoff D, **Duffy E**, Shapiro NL. (2013) Variations in Pre-Operative Management of Adolescents Undergoing Elective Surgery. *International Journal of Pediatric Otorhinolaryngology*, 77(5):770-775.

REPORTS

Ridgely MS, Timbie JW, Wolf LJ, **Duffy EL**, Buttorff C, Tom A, Vaiana ME. (2020) Consolidation by Any Other Name: The Emergence of Clinically Integrated Networks. Santa Monica, CA: RAND Corporation.

Duffy EL, Whaley CM, White C. (2020) The Price and Spending Impacts of Limits on Payments to Hospitals for Out-of-Network Care. Santa Monica, CA: RAND Corporation.

Eibner C, Whaley C, Kapinos K, Broten N, Irwin JL, Lanna S, Vaiana ME, **Duffy EL**, (2020) Getting to Affordability: Spending Trends and Waste in California's Health Care System. Sacramento, CA: California Health Care Foundation.

Adler L, Lee S, Hannick K, **Duffy E**. (2019) Provider charges relative to Medicare rates, 2012-2017. USC-Brookings Schaeffer Initiative for Health Policy. Washington, DC: The Brookings Institution.

Adler L, **Duffy E**, Ly B, Trish E. (2019) California saw reduction in out-of-network care from affected specialties after 2017 surprise billing law. USC-Brookings Schaeffer Initiative for Health Policy. Washington, DC: The Brookings Institution.

Adler L, Fiedler M, Ginsburg PB, Hall M, Trish E, Linke Young C, **Duffy EL**. (2019) State Approaches to Mitigating Surprise Out-of-Network Billing. USC-Brookings Schaeffer Initiative for Health Policy. Washington, DC: The Brookings Institution.

Farmer C, Tanielian T, Buttorff C, Carter P, Cherney S, **Duffy EL**, Hosek SD, Jaycox LH, Mahmud A, Pace NM, Skrabala L, Whaley C. (2018) Integrating Department of Defense and Department of Veterans Affairs Purchased Care: Preliminary Feasibility Assessment. Santa Monica, CA: RAND Corporation.

Reid R, **Duffy EL**, Cohen CC, Friedberg MW. (2018) Identification of Alternative Physician Assistant Recertification Models: An Analysis of the Landscape and Evidence Surrounding Approaches to Recertification in the Health Professions. Santa Monica, CA: RAND Corporation.

Tanielian T, Farmer CM, Burns RM, **Duffy EL**, Messan Setodji C. (2018) Ready or Not? Assessing the Capacity of New York State Health Care Providers to Meet the Needs of Veterans. Santa Monica, CA: RAND Corporation.

Mulcahy A, Hollands S, **Duffy EL**, Strong A, Wynn BO. (2017) Modeling the Economic Impact of a California Workers' Compensation Formulary. State of California Department of Industrial Relations.

Farmer C, Tanielian T, Fischer SH, **Duffy EL**, Dellva S, Butcher E, Brown K, Hoch E. (2017) Supporting Veterans in Massachusetts: An Assessment of Needs, Well-being, and Available Resources. Santa Monica, CA: RAND Corporation.

COMMENTARIES

Duffy E. “Got an unaffordable or incorrect medical bill? Calling your hospital billing office will usually get you a discount” *The Conversation*. August 30, 2024. Republished by *CNN*, *The San Francisco Chronicle*, and in media other outlets.

Duffy E. “Buyouts can bring relief from medical debt, but they’re far from a cure” *The Conversation*. March 13, 2024.

Reddy R, **Duffy E.** “Congress Ends Surprise Billing – Implications for Payers, Providers, Patients” *American Journal of Managed Care*. 2021;27(8).

Duffy E, Trish E, Adler L. “Surprise Medical Bills Increase Costs for Everyone, Not Just for the People Who Get Them” *The Conversation*. October 1, 2020.

Adler L, **Duffy E**, Ginsburg P, Hall M, Trish E, Linke Young C. “Rep. Ruiz’s Arbitration Proposal For Surprise Billing (H.R. 3502) Would Lead To Much Higher Costs and Deficits” *Health Affairs Blog*. July 16, 2019.

Duffy E, Friedburg M, Whaley C, White C. “Addressing Surprise Medical Bills Without Raising the Cost of Health Care”. *The RAND Blog* and *The Hill*. March 31, 2019.

Duffy E, Dworsky M, Whaley C. “Can a Continuous Coverage Requirement Produce a Healthy Insurance Market?”. *The Hill*, January 4, 2017.

RESEARCH FUNDING

Understanding of Provider Prices and the Growing Cost of Health Care

Arnold Ventures 2024-2026
Co-Investigator (PI: Erin Trish) \$1,643,527

Hospital Financial Aid Navigation Among Patients with Limited English Proficiency

USC Student Empowerment Award 2024-2025
Co-Principal Investigator (PI: Erin Trish) \$15,000

Unexpected Out-of-Pocket Costs for Care at Annual Checkups

Penn State’s Social Science Research Institute 2024-2025
Co-Investigator (PI: Sujeong Park) \$20,000

Insurer-Provider Dynamics Under the No Surprises Act

HHS Office of the Assistant Secretary For Planning and Evaluation, Subaward via RAND 2023-2024
Principal Investigator (PI of Partent Award: Petra Rasmussen) \$28,295

Hospital Payment for COVID-19 Services

Arnold Ventures, Subaward via RAND 2022
Principal Investigator (PI of Parent Award: Christopher Whaley) \$20,000

To a Better Understanding of Provider Prices, Consolidation, Surprise Billing, and Out-of-Pocket Spending

Arnold Ventures 2020-2023
Key Personnel (PI: Erin Trish) \$3,585,894

Impacts of Limits on Payments to Hospitals for Out-of-Network Care	
RAND Health Dissertation Funding	2018-2019
Principal Investigator	\$25,000
Impacts of California's Surprise Medical Billing Law	
Pardee RAND Graduate School, Anne and James Rothenburg Dissertation Award	2017-2018
Principal Investigator	\$10,000
RAND – USC Schaeffer Doctoral Fellowship	
Schaeffer Center for Health Policy & Economics	2016-2017
Principal Investigator	\$5,000

PRESENTATIONS

2024	ASHEcon, AcademyHealth
2023	APPAM
2022	AcademyHealth, California Society of Anesthesiologists
2020	APPAM, Claremont Graduate University
2019	AcademyHealth, APPAM, Texas Association of Health Plans, California State Polytechnic University
2018	APPAM
2016	AcademyHealth
2015	AcademyHealth, JSM
2012	IDSA

TEACHING

USC Price School of Public Policy	
Lecturer, <i>Health and Health Care in America Today</i>	2024
USC Marshall School of Business	
Lecturer, <i>Executive Health Care Leadership program</i>	2024
USC School of Pharmacy	
Guest Lecturer, <i>Research Design</i>	2020
Claremont Graduate University	
Guest Lecturer, <i>Research Methods</i>	2019
Pardee RAND Graduate School	
Teaching Assistant, <i>Research Methods</i>	2017, 2018
Teaching Assistant, <i>Cost-Benefit and Cost-Effectiveness Analysis</i>	2017

PEER REVIEW ACTIVITIES

Journals and Reports: American Journal of Managed Care; Health Affairs; Health Economics, Policy, and Law; Journal of the American Medical Association Health Forum, Network Open, and Pediatrics; New England Journal of Medicine; RAND Corporation

Conferences: AcademyHealth Annual Research Meeting (2021, 2022)

HONORS AND AWARDS

RAND Corporation

Impact Award 2017

Spotlight Innovation Award 2017

UCLA Department of Medicine

Staff Appreciation and Recognition Award 2014, 2015, 2016

Wellesley College

Honors Distinction in Religious Studies 2010

Magna Cum Laude Honors 2010

Phi Beta Kappa Honors Society 2010

Madeleine Korbelt Albright Institute for Global Affairs Fellowship 2010