Mireille Jacobson

The Leonard Davis School of Gerontology University of Southern California 3715 McClintock Avenue Los Angeles, CA 90089

Current Position

University of Southern California: July 2018-present Associate Professor, The Leonard Davis School of Gerontology Co-Director, Aging and Cognition Program, Schaeffer Center for Health Policy & Economics

Other Affiliations

National Bureau of Economic Research (NBER) Health Care Program Research Associate, 2014 – (Faculty Research Fellow, 2008 – 2014) Center for Economic and Social Research (CESR) Fellow, 2013-

Editorial Positions

Co-Editor, American Journal of Health Economics, July 2018 – Editorial Board, International Journal of Health Economics and Management, 2017-Associate Editor, Journal of Health Economics, October 2018 – Editorial Board, Health Services Research, March 2023 -Editorial Board, American Economic Journal: Economic Policy, 2016–2022

Previous Experience

The Paul Merage School of Business, University of California, Irvine Director, The Center for Health Care Management and Policy: July 2013- December 2018 Associate Professor of Economics and Public Policy: July 2013- June 2018 Visiting Professor: July 2018-December 2018

RAND Corporation, Senior Economist, July 2009 – July 2013
Deputy Director, RAND Health Economics, Finance and Organizations, July 2010–July 2013
Adjunct Senior Economist, RAND Corporation: July 2013 – May 2017

Claremont McKenna College, Visiting Associate Professor, August 2010-December 2010

Department of Planning, Policy & Design, University of California, Irvine Associate Professor (with tenure), July 2008-June 2009 Assistant Professor, July 2002- June 2008

Education

Harvard Medical School, Boston, MA NIMH Post-Doctoral Fellow, 2001-2002

Harvard University, Cambridge, MA Ph.D. in Economics, August 2001 M.A. in Economics, January 1998

University of Chicago, Chicago, IL B.A. in Economics with highest honors, 1995

Journal Articles

Abby Alpert, Sarah Dykstra, <u>Mireille Jacobson</u>. The Role of Hassle Costs versus Information. How do Prescription Drug Monitoring Programs Reduce Opioid Prescribing? 2023, accepted at *American Economic Journal: Economic Policy*.

Adam Sacarny, Tatyana Avilova, David Powell, Ian Williamson, Weston Merrick, <u>Mireille</u> <u>Jacobson</u>. Effect of Letters to Encourage Prescription Monitoring Program Use and Guideline-Concordant Opioid Prescribing: A Randomized Clinical Trial.*Health Aff* (Millwood). 2023;42 (1):140-149.

Danea Horn, Abby Alpert, Mark Duggan, Nicolas Garcia, <u>Mireille Jacobson</u>. Biosimilar competition and Payment in Medicare: The Case of Trastuzumab, *JCO Oncol Pract*. 2023; OP2200639.

Jingjing Jiang, Narae Kim, Melissa M. Garrido, <u>Mireille Jacobson</u>, David Mockler, Peter May. Causal analyses of palliative care using observational data: a systematic review, accepted at *BMJ Supportive & Palliative Care*.

Silvia Barcellos, <u>Mireille Jacobson</u>, Helen Levy. Public or Private? The Impact of Eligibility for Medicaid versus Subsidized Private Health Insurance. 2022, accepted at *American Journal of Health Economics*.

Narae Kim, <u>Mireille Jacobson</u>. Comparison of Catastrophic Out-of-Pocket Medical Expenditure in the US and South Korea: What Affects the Apparent Difference? 2022. *BMC Health Services Research*. 22(1202). <u>https://doi.org/10.1186/s12913-022-08575-1</u>

<u>Mireille Jacobson</u>, Tom Y. Chang, Manisha Shah, Rajiv Pramanik, Samir B. Shah, Can financial incentives and other nudges increase COVID-19 vaccinations among the vaccine hesitant? A randomized trial. *Vaccine*. 2022;40(43):6235-6242 https://www.sciencedirect.com/science/article/pii/S0264410X22010507?via%3Dihub

Johanna Thunell, <u>Mireille Jacobson</u>, Elizabeth Joe, Julie Zissimopoulos. Medicare's Annual Wellness Visit and Diagnoses of Dementias and Cognitive Impairment, 2022. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*. <u>https://alz-journals.onlinelibrary.wiley.com/doi/10.1002/dad2.12357</u>

G.P. Kanter, R.B. Parikh, M.J. Fisch, D. DeBono, J. Bekelman, Y. Xu, S. Schauder, G. Sylwestrzak, J.J. Barrow, R. Cobb, D.M. Qato, <u>M. Jacobson</u>. Trends in Medically Integrated Dispensing among Oncology Practices, 2022. *JCO Oncology Practice*, 18(10): e1672-e1682.

<u>Mireille Jacobson</u>, Elizabeth Joe, Julie Zissimopoulos. Barriers to seeking care for memory problems: a vignette study, 2022 *Alzheimer's & Dementia: Translational Research & Clinical Interventions*. <u>https://alz-journals.onlinelibrary.wiley.com/doi/full/10.1002/trc2.12238</u>

Julie Zissimopoulos, <u>Mireille Jacobson</u>, Yi Chen, Soo Borson. Knowledge of and attitudes toward aducanumab among older Americans in the weeks following F.D.A approval for the treatment of Alzheimer's disease, *JAMA Network Open* 2022; 5(2): e2148355. doi:10.1001/jamanetworkopen.2021.48355

<u>Mireille Jacobson</u>, Peter May, Sean Morrison. An Economic Research Agenda for Palliative Care, *JAMA Health Forum* 2022; 3(1): e214464. doi:10.1001/jamahealthforum.2021.4464

<u>Mireille Jacobson</u>, Tom Chang, Manisha Shah, Rajiv Pramanik and Samir B. Shah. Racial and Ethnic Disparities in COVID-19 Testing, Positivity and Hospitalizations in a County Medicaid Managed Care Population, *American Journal of Preventive Medicine* 2021; 61(5): 644-651.

Silvia Barcellos, <u>Mireille Jacobson</u>, Arthur Stone. Varied and Unexpected Changes in the Wellbeing of Seniors in the United States amid the COVID-19 Pandemic, *PLOS ONE*, 2021; Jun 17;16(6): e0252962. doi: 10.1371/journal.pone.0252962.

Sam Valdez, <u>Mireille Jacobson</u>, Assessing the Quality of SK&A's Office-Based Physician Database for Identifying Oncologists, 2021, *Medical Care Research and Review* 2021; May 24:10775587211013628.

Makayla Palmer. <u>Mireille Jacobson</u>, Susan Enguidanos. Advanced Care Planning in Medicare Part B, *Health Affairs* 2021; 40(4): 613-621.

<u>Mireille Jacobson</u>, Maria Kogelnik and Heather Royer. Holiday, Just One Day Out of Life: Birth Timing and Post-natal Outcomes. *Journal of Labor Economics* 2021; 39(S2): S651-S702.

<u>Mireille Jacobson</u>, Johanna Thunell and Julie Zissimopoulos, Cognitive Assessment at Medicare's Annual Wellness Visit in Fee-for-Service and Medicare Advantage plans, *Health Affairs*, 2020; 39(11): 1935-1942.

K. Robin Yabroff, Sam Valdez, <u>Mireille Jacobson</u>, Xuesong Han, A. Mark Fendrick. The Changing Health Insurance Coverage Landscape in the United States, 2020 *Am Soc Clin Oncol Educ Book*. 2020; 40: e264-e274.

Abby Alpert, <u>Mireille Jacobson</u>. The Impact of Drug Shortages on Chemotherapy Treatment, *Clinical Pharmacology & Therapeutics*, 2019; 106(2): 415-421.

David Powell, Rosalie Pacula, <u>Mireille Jacobson</u>. Do Medical Marijuana Laws Reduce Addictions and Deaths Related to Pain Killers? *Journal of Health Economics*, 2018; 58: 29-42.

MS Fiandaca, M Mapstone, E Connors, <u>M Jacobson</u>, E Monuki, S Malik, F Macciardi, and HJ Federoff. Systems Healthcare: A Holistic Paradigm for Tomorrow, *BMC Systems Biology*, 2018.

<u>Mireille Jacobson</u>, Srikanth Kadiyala. When Guidelines Conflict: A Case Study of Mammography Testing during the 1990s. *Women's Health Issues* 2017; 27(6): 692-699.

Tom Y. Chang, <u>Mireille Jacobson</u>. Going to Pot? The Impact of Dispensary Closures on Crime, *Journal of Urban Economics* 2017; 100: 120-136.

Abby Alpert, Helen Hsi, <u>Mireille Jacobson</u>. Evaluating The Role Of Payment Policy In Driving Vertical Integration In The Oncology Market, *Health Affairs* 2017; 36(4): 680-688.

Mireille Jacobson, Tom Y. Chang, Joseph P. Newhouse, Craig C. Earle. Physician Agency and Patient Survival, *Journal of Economic Behavior & Organization*, 2017; 134: 27-47.

Rosalie Liccardo Pacula, <u>Mireille Jacobson</u>, Ervant Maksabedian. In the Weeds: A Baseline View of Cannabis Use Among Legalizing States and Their Neighbors, 26, Jan 2016 *Addiction*.

Silvia Barcellos, <u>Mireille Jacobson</u>. The Effect of Medicare on Medical Expenditure Risk and Financial Strain, *American Economic Journal: Economic Policy*, 2015, 7(4): 41-70.

Marigee Bacolod, John DiNardo, <u>Mireille Jacobson</u>. Beyond Incentives: Do School's Use Accountability Resources Effectively? *Journal of Business and Economics Statistics*, 2012; 30(1): 149-163.

Francesco Strobbe, Claudia Olivetti, <u>Mireille Jacobson</u>. Breaking the Net: Household Structure and Street Children in Zambia, *Journal of Development Studies*, October 2012: 1-19.

<u>Mireille Jacobson</u>, Craig C. Earle, Joseph P. Newhouse. Geographic Variation in Physician Response to a Major Medicare Reimbursement Change. *New England Journal of Medicine*, 2011; 365(22): 2049-2052.

<u>Mireille Jacobson</u>, Heather Royer. Aftershocks: The Impact of Clinic Violence on Abortion Services, *American Economic Journal-Applied Economics* 2011; 3(1): 189-223.

<u>Mireille Jacobson</u>, Craig C. Earle, Mary Price, Joseph P. Newhouse. How Medicare's Payment Cuts for Cancer Chemotherapy Drugs Changed Patterns of Treatment, *Health Affairs*, 2010; 29(7): 1394-1402.

Katherine Baicker, <u>Mireille Jacobson</u>. Finders Keepers: Forfeiture Laws, Policing, and Local Budgets, with, *Journal of Public Economics*, December 2007; 91(11-12): 2113-2136.

Tom Buchmueller, Philip Cooper, <u>Mireille Jacobson</u>, Sam Zuvekas. Parity for Whom? Exemptions and the Extent of State Mental Health Parity Legislation, *Health Affairs* 6(4), 2007: w483-w487.

<u>Mireille Jacobson</u>, Tom Buchmueller. Can Private Companies Contribute to Public Outreach Efforts? Evidence from California, *Health Affairs*, March/April 2007; 26(2) 538-548.

Tom Buchmueller. <u>Mireille Jacobson</u>, Cheryl Wold. How Far to the Hospital? The Effect of Hospital Closures on Access to Care, *Journal of Health Economics*, July 2006; 25(4): 740-761.

<u>Mireille Jacobson</u>, A. James O'Malley, Craig C. Earle, Peter Gaccione, Juliana Pakes, and Joseph P. Newhouse. Does Reimbursement Influence Chemotherapy Treatment for Cancer Patients, *Health Affairs*, March/April 2006; 25(2): 437-443.

Angela Dills, <u>Mireille Jacobson</u>, Jeffrey Miron. The Effect of Alcohol Prohibition on Alcohol Consumption: Evidence from Drunkenness Arrests, *Economics Letters*, February 2005; 86(2): 279-284.

Reprinted in John H Cawley and Donald S. Kenkel, eds, *The Economics of Health Behaviours*, forthcoming Spring 2008.

<u>Mireille Jacobson.</u> Baby Booms and Drug Busts: Trends in Youth Drug Use in the United States, *Quarterly Journal of Economics*, November 2004; 119(4): 1481-1512.

Reprinted in John H Cawley and Donald S. Kenkel, eds, *The Economics of Health Behaviours*, forthcoming Spring 2008.

<u>Mireille Jacobson.</u> Drug Testing in the Trucking Industry: The Effect on Highway Safety, *Journal of Law and Economics*, April 2003; 46 (1): 131-156.

Suren Basov, <u>Mireille Jacobson</u>, Jeffrey Miron. Prohibition and the Market for Illegal Drugs, *World Economics*, October-December 2001; 4(2): 133-158.

Other Publications

Tom Y. Chang, <u>Mireille Jacobson</u>. Going to Pot? The Impact of Dispensary Closures on Crime, Cato Institute, Research Briefs in Economic Policy, No 90. <u>https://object.cato.org/sites/cato.org/files/pubs/pdf/rb-90.pdf</u>

Tom Y. Chang, <u>Mireille Jacobson</u>. There Must be Eyes Upon the Street: The Impact of Retail Business on Crime, *Harvard Business Review*, June 29, 2017. <u>https://hbr.org/2017/06/research-when-a-retail-store-closes-crime-increases-around-it</u>

Tom Y. Chang, <u>Mireille Jacobson</u>. Natural Disaster Management: Earthquake Risk and Hospitals' Provision of Essential Services, in *Regulation and Litigation: Perspectives from Economics and* Law, Daniel Kessler and Andrei Shleifer (eds.), University of Chicago Press, December 2010.

Silvia Barcellos, <u>Mireille Jacobson</u>. Medicare helps protect the elderly against catastrophic medical expenditure risk. Increasing the Eligibility age will expose many to higher costs and financial strain. *LSE's American Politics and Policy Blog*. http://blogs.lse.ac.uk/usappblog/2015/12/17/

<u>Mireille Jacobson</u>, Joseph P. Newhouse. Expect the Unexpected? Physicians' Responses to Payment Changes, Expert Voices, NIHCM Foundation. With Joseph P. Newhouse, November 2010. <u>http://nihcm.org/pdf/EV-JacobsonNewhouseFINAL.pdf</u>

<u>Mireille Jacobson</u>. Regulating Cannabis: Options for Control in the 21st Century, *The International Journal of Drug Policy*, September 1999 10 (4): 271-272.

Working Papers under Review or Revision

Lilly Estenson, Narae Kim, <u>Mireille Jacobson</u>. Do Age-Based Discontinuation Recommendations Influence Cervical Cancer Screening Rates? Evidence from the Behavioral Risk Factor Surveillance System, 2016 and 2018. Resubmitted to *Preventive Medicine*.

<u>Mireille Jacobson</u>, David Powell. Price Sensitivity and Information Barriers to the Take-up of Naloxone, revision requested at *American Economic Journal: Economic Policy*.

Gillian Fennell <u>Mireille Jacobson</u>, Hanna Grol-Prokopczyk, Predictors of multi-wave opioid use among older American adults, revision requested at *Innovation in Aging*.

<u>Mireille Jacobson</u>, Patricia Ferido, Julie Zissimopoulos. Health care utilization before and after a dementia diagnosis in Medicare Advantage vs Traditional Medicare. Under review.

Danea Horn, <u>Mireille Jacobson</u>, Abby Alpert, Mark Duggan, Inflation Reduction Act Price Negotiations Likely to Have a Limited Impact on Cancer Drugs. Under review.

Tom Chang, <u>Mireille Jacobson</u>, Manisha Shah, Matthew Kopetsky, Rajiv Pramanik and Samir B. Shah. Messages, but not monetary incentives, increase COVID-19 booster uptake, under review.

Tom Y. Chang, <u>Mireille Jacobson</u>. What do Nonprofit Hospitals Maximize: Evidence from California's Seismic Retrofit Requirements, 2017 revision requested at *Journal of Public Economics*.

Tom Y. Chang, <u>Mireille Jacobson</u>, Manisha Shah, A Study of Negative Messaging on COVID-19 Vaccination Intentions. Under revision.

Grants

- American Heart Association, *Diverse Clinical Trial Participation using Data-driven and Evidence-based Participant Recruitment and Retention Science*, Role: PI, April 1, 2022-March 31, 2026. \$2,701,338.
- J-PAL North America, Health Care Delivery Initiative, *Incentives and Choice Architecture: Designing Experiments to Improve Health Care*, Role: PI, January 2022-December 2022. \$42,199.90.
- J-PAL North America, State and Local Innovation Initiative, COVID-19 Vaccine Take-Up in a County-Run Medicaid Managed Care Population, Role: PI, February 2021- January 2023, \$200,000.
- NBER Roybal Center pilot project, *COVID-19 Vaccination Take-Up in a County-Run Medicaid Managed Care Population*, Role: PI, June 1, 2020- May 31, 2021, \$54,152.
- National Institute for Health Care Management Research, *Nudging Providers to Curtail Dangerous Opioid Prescribing and Improve the Safety of the Health Care Delivery System*, Role: co-I, March 2021- February 2022, \$50,000.
- J-PAL North America, State and Local Innovation Initiative, *Nudging Providers to Curtail Dangerous Opioid Prescribing: A Trial to Investigate Mechanisms*, Role: co-I, September 2020- February 2022, \$142,579.
- NIA P30AG012810 (Case and Cutler, PI) *The Role of Medicare's Annual Wellness Visit in the Assessment of Cognitive Health* Pilot Project PI, NBER Center for Aging and Health Research, July 2020-June 2021, \$45000.
- J-PAL North America, Health Care Delivery Initiative, *A Pilot Study to Increase Takeup of Overdose-Reversal Drugs*, Role: PI, January 2020-March 2021. \$41,693.
- Moore Foundation, *Advancing Palliative Care through Economic Research and Policy Analyses*, Role: co-I, September 2019- June 2021,
- AHRQ 1R01HS026488-01A1, Medicaid versus Private Coverage for Low-Income Families: What are the Tradeoffs between Cost-Sharing and Access to Care, Role: PI, 2019-2022, \$845,750.00.
- Navigage Foundation, The Role of Medicare's Annual Wellness Visit in the Assessment of Cognitive Health, Role: PI, 2019-2020, \$50,000.
- AHRQ 1R01HS022741-01A1, *Did the Medicare Modernization Act Cause Oncology Drug Shortages*, Role: PI, 2014-2017, \$671,385.
- NIA 1R21AG044737, *Health Insurance and Financial Risk*, Role: MPI (with Silvia Barcellos, USC), 2013-2015, \$413,000.
- NCI 1R21CA173047, The Welfare Consequences of Oncology Drug Shortages, Role: PI, 2013-2015, \$450,000.
- NICHD 1R01HD070950 (Bailey PI), *The Impact of Community Health Centers on Health Care Access and Outcomes*, Role: Co-Investigator, 2012-2017, \$1.9 million.
- The Commonwealth Fund and NIA P30 AG012815 (Hurd PI) Aging Center Pilot Grant, *The Impact of Medicare on Financial Risk*, Role: PI, 2012-2013, \$100,000.
- NIDA 1R01DA032693-01 (Pacula PI, Implementation of Medical Marijuana and its Impact on

Health, Role: co-PI, 2011-2015, \$2.86 million.

- NCI and NIA 1R01CA152043-01, Are Disparities in Cancer Chemotherapy Treatment Affected by Medicare Reimbursement Policy, Role: PI, 2010-2012, \$611,287
- NIA 2P30AG024962 (Kapteyn, PI) *Health Reform and Financial Risk* Pilot Project, Roybal Center on Financial Decision making, 2010-2011
- AHRQ, *The Impact of the 2003 Medicare Modernization Act on Cancer Chemotherapy Treatment*, 1 R01 HS016873-01A1, 2008-2009, co-PI with Joseph P. Newhouse (PI) and Dr. Craig C. Earle (co-PI), \$304,338
- Robert Wood Johnson Foundation, *The Impact of the 2003 Medicare Modernization Act* on Cancer Chemotherapy Treatment, co-PI with Joseph P. Newhouse (PI) and Dr. Craig C. Earle (co-PI), 2007-2009, \$398,283
- UM Poverty Research Grant, Can Private Companies Contribute to Public Outreach Efforts? principal investigator with co-PI Tom Buchmueller, 2006, \$1750
- Haynes Foundation Research Grant, *Does the No-Child Left Behind Act Leave Health Behind*, co-PI with Marigee Bacolod (PI) and John Dinardo (co-PI), 2006, \$10,000
- California Program on Access to Care Grant, *The Impact of Hospital Closures on Access to Care*, principal investigator with co-PI Tom Buchmueller, 2003, \$45,824

Fellowships and Awards

NBER Visiting Fellow in Health and Aging, January 2008-December 2008 Robert Wood Johnson Foundation Scholar in Health Policy Research, August 2004 – July 2006

Social Science Research Council Fellowship, 2000-2001 Fellowship in Drug Policy Studies, 2000-2001 Institute for Humane Studies Fellowship, 2000-2001 National Science Foundation Graduate Fellowship, 1996-1999 Harvard University Sumner Slichter Fellowship, 1995-1996 Student Marshall, University of Chicago, 1995 Phi Beta Kappa, 1994

Teaching Experience

Graduate classes: Microeconomics; Health Economics; Health Policy; Poverty and Social Policy (all at UC Irvine); Social Policy and Aging (USC); Health Economics and Policy of Aging (USC) Undergraduate classes: Principles of Economics (Claremont McKenna College); Health Policy (UC Irvine); AIDS Fundamentals (UC Irvine); Industrial Organization (Harvard)

External Writing Experience

Harvard Writing Center, *Editor* 1999-2001 Co-authored a chapter and various appendices of a writing guide for undergraduate economics concentrators at Harvard. Accepted for publication by Routledge Press.

Invited Presentations

2021-2023: American Economic Association Annual Meeting; American Society of Health Economists Meeting, Stanford Health Policy Seminar.

2019-2020: American Economic Association Meeting; American Society of Clinical Oncologists; American Society of Health Economists Meeting; CSU Fullerton Mihaylo College of Business; Claremont Graduate School, Georgia State, Hebrew University (invited), J-PAL North America

RCT Design within Reach (January and August); National Academies' Committee on Implications of Discarded Weight-Based Drugs; Yale School of Public Health (invited); Risky Health Behaviors Workshop at the Hamburg Center for Health Economics (invited).

2016-2018: NBER Summer Institute, Aging Meeting; University of Pennsylvania, Leonard Davis Institute of Health Economics Research Seminar; Case Western Reserve Weatherhead School of Management; Harbor-UCLA Anesthesiology Grand Rounds; Columbia University, Applied Economics Seminar (March 2017 (invited)); Academy Health National Health Policy Conference; Wisconsin School of Business; University of New South Wales; University of Melbourne Institute of Applied Econ and Social Research; American Society of Health Economists Meeting; USC Davis School of Gerontology.

2013-2015: Berkeley, Funding Landscape for Health Policy Research; J-PAL North America, Health Care Delivery Initiative; American Society of Health Economists Meeting; USC Quintiles Health Policy Seminar; UCLA Law & Economics Workshop; American Economic Association Annual Meeting; NBER Health Care Program Meeting.

2010-2012: Naval Postgraduate School Economics Seminar; University of California, San Diego Applied Economics Seminar; Berkeley Health Services Research Colloquium; Chile Conference on Healthcare and Socio-economic Development in Latin America; University of Colorado, Denver Economics Seminar; NBER Summer Institute, Crime Working Group; University of Chicago Health Economics Workshop; University of Southern California; Claremont McKenna College; American Society of Health Economists 3rd Biennial Conference; 2014 Academy Health Annual Research Meeting; Moskowitz Workshop on Empirical Health Law and Business Research at the University of Michigan; Vanderbilt University Law School; International Society for the Study of Drug Policy.

2007-2009: NBER Regulation and Litigation Conference; European Pharmaceutical Economics and Policy Council; University of Michigan, School of Public Health; Michigan State University; University of Illinois – Chicago; Emory University School of Public Health; Indiana University-Purdue University; Wharton; Annual Southeastern Health Economics Study Group; NBER Regulation and Litigation Preconference; American Society of Health Economists Meeting; Academy Health, Health Economics Interest Group Meeting; Industrial Organization Society Meeting; NBER Health Care Program Meeting; NBER Law and Economics Program Meeting; University of California, Santa Barbara Labor; All UC Labor Conference; 2007 Society of Labor Economics meetings; Rice-University of Houston Empirical Economics Seminar.

2004-2006: 2004 University of California, San Diego Applied Economics Seminar; Claremont McKenna Economics Seminar; ERIU's 6th July Research Conference; Society of Labor Economics; RAND Health Economics Seminar; University of Pennsylvania, LDI; Cornell University, Policy Analysis & Management seminar; IHEA World Conference on Health Economics; University of Michigan Economics seminar; ACSP Annual Conference; NBER Summer Institute, Law and Economics; University of California, Irvine Medical School; American Economics Association meeting.

2001-2003: Substance Abuse and Mental Health Services Administration; Association for Policy Analysis and Management; NBER Summer Institute, Health Economics; NBER Summer Institute, Health Care; NBER Health Care Program Meeting.

Other Conference Activities

Discussant, American Economics Association Annual Meeting, January 2022

Discussant, NBER Summer Institute Health Care Meeting, July 2021 Discussant, American Economics Association Annual Meeting, January 2020 Discussant, American Society of Health Economists Conference, June 2016 Discussant, Southern California Applied Microeconomics Conference, April 2015 Discussant, Southern California Finance Conference, October 2014 Discussant, American Society of Health Economists Conference, June 2014 Discussant, Southern California Applied Microeconomics Conference, April 2014 Discussant, American Society of Health Economists Conference, June 2012 Discussant, Southern California Applied Microeconomics Conference, April 2011 Discussant, American Economics Association, January 2011 Discussant, American Society of Health Economists Conference, June 2010 Discussant, Southern California Applied Microeconomics Conference, April 2010 Discussant, AEA Polls, Votes and Elections Session, January 2009 Discussant, NBER Summer Institute, Law and Economics, July 2008 Discussant, American Society of Health Economists Meeting, June 2008 Session Chair, Society of Labor Economics Meetings, May 2007 Session Chair. Society of Labor Economics Meetings. May 2006 Session Chair, Competition & Consumer Choice in Health Insurance, June 2003 Discussant, American Society of Health Economists Meeting, June 2008 Discussant, PAA – Economic Demography Workshop, April 2008 Discussant, ERIU's 7th July Research Conference, July 2007 Discussant, NBER Summer Institute, Law and Economics, July 2006 Discussant, IHEA World Conference on Health Economics, June 2003

Other Professional Activities

Referee: Alzheimer's & Dementia, American Economic Review, American Economic Review: Insights, American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Journal of Managed Care, American Journal of Preventive Medicine, American Law and Economics Review, Annals of Internal Medicine, The B.E. Journals in Economic Analysis & Policy, Cancer, Contemporary Economic Policy, Economica, Economic Inquiry, Economic Journal, European Economic Review, Health Affairs, Health Affairs' Health Policy Briefs, Health Economics, Health Services Research, International Criminal Justice Review, ILR Review, International Review of Administrative Science, Inquiry, JAMA Health Forum; JAMA Network Open, JCO Oncology Practice, Joint Commission Journal on Quality and Patient Safety, Journal of Aging & Social Policy, Journal of the American Medical Association, Journal of Clinical Oncology, Journal of Economics & Management Strategy, Journal of the European Economic Association, Journal of General Internal Medicine, Journal of Health *Economics, Journal of Human Resources, Journal of the National Comprehensive Cancer Network.* Journal of Policy Analysis and Management, Journal of Political Economy, Journal of Primary Prevention, Journal of Public Economics, Journal of Racial and Ethnic Health Disparities, Journal of Regional Science, Journal of Urban Economics, Management Science, Medical Care, Medicine Communications, PLOS Medicine, Proceedings of the National Academy of Sciences, Ouarterly Journal of Economics, Review of Economics and Statistics, Review of Economic Studies, Review of Social Economy, Social Science and Medicine, Vaccine, Vulnerable Children and Youth **Studies**

Reviewer: NIH ODHS standing member, July 2020- June 2024 NIH Director's Early Independence Award (DP5), 2013, 2019 NIH Common Fund Initiative (R01, R21s), 2012 NIH HSOD Ad Hoc Reviewer: 2015 and 2017, 2019 National Science Foundation J-PAL State and Local Innovation Initiative J-PAL Health Care Delivery Initiative Robert Wood Johnson Foundation Substance Abuse Policy Research Program

Member: American Economics Association, American Society of Health Economists

Organizing Committee: Southern California Conference in Applied Microeconomics, 2013; American Society for Health Economics, 2014; Program Chair for "Tobacco, Alcohol, and Illegal Substances," American Society for Health Economics, 2021.

National Academies of Science, Engineering, and Medicine, Committee on a Review of Department of Veterans Affairs Monograph on Health Economic Effects of Service Dogs for Veterans with Post Traumatic Stress Disorder, January 2021-December 2021.

National Academies of Science, Engineering, and Medicine, reviewer "Medications in Single Dose Vials: Implications of Discarded Drugs" 2020.

Agency for Healthcare Research and Quality (AHRQ) National Advisory Council Member, 2021present.

Other Service

University of Southern California: Executive Committee, 2022 – Personnel Committee, 2019, 2022 – PhD Committee, 2021 – Davis School Faculty Council, 2019-2021 Faculty Senate, 2019-2021 Awards committee, 2019-

University of California, Irvine: Graduate Council, (Vice Chair 2016-17) 2015-2018 Merage Personnel Committee, 2016-2018 Area Coordinator, 2013-2015, 2017-2020 Member, Masters Program Committee, 2015-2016 Chair, Masters Program Committee, 2014-2015 Council on Undergraduate Admissions and Relations, 2014-2015 Member, Merage Strategic Planning Committee, 2015-Online Program Committee, 2013-2014 Chair, PhD Admissions Committee, 2008-2009 PhD Admissions Committee, 2006-2007 PhD Streamlining Committee, 2007, 2009 Master of Public Policy development committee, 2003-2004, 2006-2007 Faculty Recruiting Committee, 2003-2004, 2007-2008 Graduate Student Admissions Committee, 2002 - 2003 Ad Hoc Committee on Merit and Promotion, Planning, Policy and Design, 2002 Ad Hoc Committee on Merit and Promotion, Planning, Policy and Design, 2003 Ad Hoc Committee on Merit and Promotion, Planning, Policy and Design, 2006 Faculty representative to the Planning Student Organization, 2006

RAND:

UCLA/RAND AHRQ Post-doctoral Co-Director, 2010-2013 Bing Center for Health Economics Steering Committee, 2010-2013 Bing Center for Health Economics Visiting Scholar Program, 2010-2013 RAND Health's Staff Strategic Planning Committee, 2010, 2013 Junior Recruiting Committee, 2010-2011