

Michelle J. Ko

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EDUCATION AND TRAINING

- Ph.D.** University of California, Los Angeles, Fielding School of Public Health, Health Policy and Management, 2012
UCLA Department of Internal Medicine, Internal Medicine Residency, 2004-2005
- M.D.** UCLA/Charles R. Drew University Medical Education Program, 2004
- B.A.** Harvard University
Biochemical sciences, *magna cum laude*, 1998

POSITIONS

- 2021- Associate professor, Division of Health Policy and Management, Department of Public Health Sciences, University of California, Davis
- 2017-2021 Assistant professor, Division of Health Policy and Management, Department of Public Health Sciences, University of California, Davis
- 2016 Research scientist, UCLA Center for Health Policy Research
- 2013-2015 Postdoctoral fellow, Philip R. Lee Institute for Health Policy Studies at UCSF
- 2006-2011 Research assistant, Departments of Health Policy and Management, Community Health Sciences, UCLA Fielding School of Public Health

GRANTS AND CONTRACTS

Currently Funded

1. Life course exposure to community violence and risk of cognitive decline, Alzheimer's Disease, and related dementias among African Americans.
Source: National Institutes on Aging, 1R01AG067525-05
Role: Principal Investigator
Synopsis: Uses two current prospective longitudinal cohort studies to examine relationships between exposure to community and structural violence over the life course, and aging, cognitive function and dementia risk among African Americans
Dates: 5/1/20-2/28/25
Total Amount: \$2,333,974
2. Structural white advantage as a driver of cognitive health among older adults in the US
Source: National Institutes on Aging, Administrative Supplement P30AG066613
Role: Co-Investigator

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Synopsis: Quantify the later-life cognitive health effects of structural white advantage exposure in early life and midlife for white, Black, and Hispanic participants from the Health and Retirement Survey.

Dates: 7/01/2024-6/30/2025

Total Amount: \$266,166

Completed in the past three years: External Sources

1. Early Career Faculty Funding Opportunity: A Novel Program to Identify, Support and Retain Biomedical Researchers Impacted by Pandemic Caregiving Challenges. UC Davis School of Medicine.
Source: Burroughs Wellcome Fund, Doris Duke Charitable Foundation.
Role: Principal Investigator
Synopsis: Award to support promising early career faculty whose productivity is challenged by increased family caregiving responsibilities brought about by COVID-19
Dates: 8/1/22-10/1/23
Total Amount: \$50,000

AWARDS AND HONORS

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|---------------------|---|
| 2022 | UC Davis Chancellor's Fellowship for Diversity, Equity, and Inclusion |
| 2017 | UC Davis Vice Chancellor's Innovation Award for Diversity, Equity, and Inclusion |
| 2015 | <i>Health Affairs</i> , Editor's Pick for Top Ten Articles in 2015 |
| 2014 | <i>Best of Academyhealth Annual Research Meeting, 2014</i> . Awarded for abstract: Payment rates for personal care assistants and the use of long-term services and supports among those dually eligible for Medicare and Medicaid. |
| 2011-2012 | Celia and Joseph Blann Fellowship, UCLA Fielding School of Public Health
Awarded annually to the top two senior doctoral candidates |
| 2012 | <i>Delta Omega</i> Honor Society, UCLA Fielding School of Public Health |
| 2006, 2007,
2012 | Agency for Healthcare Research and Quality (AHRQ) Pre-doctoral Training Fellowship, merit-based award for top 1-2 students in the UCLA Department of Health Policy and Management |
| 2012 | UCLA Graduate Division University Fellowship |
| 2004 | Dean's Scholar for Outstanding Thesis, David Geffen School of Medicine at UCLA |
| 2004 | UCLA Merck Book Award for special service to class, school, and community |
| 2004 | UCLA/Drew Dr. Mitchell Spellman Award for outstanding service |
| 2003 | <i>Alpha Omega Alpha</i> Honor Society, David Geffen School of Medicine at UCLA |

PUBLICATIONS

*Peer Reviewed Research Articles. *indicates student/mentee co-author*

1. Mitchell C*, Akosionu A*, Stantoznik J, Wagner J*, Fashaw-Walters S, Hardeman R, **Ko M**. Criminal justice data and structural racism measurement for health equity research: Promises and pitfalls. *Health Services Research*. 2024; Feb 11:e14449. doi: 10.1111/1475-6773.14449.
2. Rogers T*, Graham K, Mitchell C*, Chantarat T*, **Ko M**. Navigating hostile workplaces and educational spaces within health services and policy research. *Health Equity*. 2024; 8(1). Doi: 10.1089/heq.2024.0121
3. Planey AM*, Wong S, Planey D, Winata F, **Ko M**. Longer travel times to acute hospitals are associated with lower likelihood of cancer screening receipt among rural-dwelling adults in the U.S. South. *Cancer Causes and Control*. 2024. doi:10.1007/s10552-024-01940-x
4. **Ko M**, Iv S*, Dinh K*, Hahn M. Asian American diversity and representation in the healthcare workforce, 2007-2022. *JAMA Network Open*. 2024; 7(10):e2440071. doi:10.1001/jamanetworkopen.2024.40071
5. Brazil N, Chakalov B*, **Ko M**. Health implications of neighborhood networks based on daily mobility in US cities. *Social Science and Medicine*. 2024; 354:117058. doi: 10.1016/j.socscimed.2024.117058.
6. Esparza CJ*, Simon M, London M*, Bath E, **Ko M**. Experiences of leaders in diversity, equity and inclusion in U.S. academic health centers. *JAMA Network Open*. 2024;7(6):e2415401. doi:10.1001/jamanetworkopen.2024.15401
7. Peterson R, George K, Gilsanz P, **Ko M**, Meyer O, Mayeda ER, Kind A, Whitmer R. Race, community disadvantage and cognitive decline: findings from KHANDLE and STAR. *Alzheimer's and Dementia*. 2024. Feb;20(2):904-913. doi: 10.1002/alz.13511.
8. Vong V*, Wagner J*, **Ko M**. Experiences of low-income college students navigating health insurance and access to care. *Journal of American College Health*. 2023; Dec 1:1-10.
9. Planey AM*, Planey DA, Wong S, McLafferty S, **Ko M**. Structural factors and racial/ethnic inequities in travel times to acute care hospitals in the rural U.S. South, 2007-2018. *Milbank Quarterly*. 2023.Sep;101(3):922-974. doi:10.1111/1468-0009.12655
10. **Ko M**, Henderson M, Fancher T, London MR*, Simon M, Hardeman R. US medical school admissions leaders' experiences with barriers and advancement of diversity, equity, and inclusion. *JAMA Network Open*. 2023. Feb 24; 6(2):e2254928.
11. Peterson R, Gilsanz P, Lor Y, George KM, **Ko M**, Wagner J*, Soh Y, Meyer OL, Glymour MM, Whitmer R. Rural residence across the lifecourse and late-life cognitive decline in KHANDLE: A causal inference study. *Alzheimer's & Dementia: Diagnosis, Assessment, & Disease Monitoring*. 2023. Feb 3;15(1):e12399. doi: 10.1002/dad2.12399.
12. Chantarat T*, Rogers T*, Mitchell C*, **Ko M**. Perceptions of workplace climate and diversity, equity, and inclusion within health services and policy research. *Health Services Research*. 2023. Apr;58(2):314-24. doi: 10.1111/1475-6773.14032.

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13. Planey AM*, Wong S, Planey DA, **Ko M**. (Applied) Geography, policy, & time: Whither health and medical geography? *Space and Polity*. 2022. 1-13
14. Meyer OL, Eng CW, **Ko M**, Chan ML, Ngo U, Gilsanz P, Glymour MM, Mayeda ER, Mungas DM, Whitmer RA. Generation and age of immigration on later life cognitive performance in KHANDLE. *International Psychogeriatrics*. 2020 Dec 23:1-2.
15. **Ko M**, Newcomer R, Bindman AB, Kang T, Hulett D, Spetz J. Changing home care aides: Differences between family and non-family care in California Medicaid home and community-based services. *Home Health Care Services Quarterly*. 2020. Jan-Mar;39(1):1-16
16. Pham S*, Yeap D, Escaler G, Basu R, Wu X, Kenyon NJ, Hertz-Picciotto I, **Ko M**, Davis C. Wearable sensor system to monitor physical activity and the physiological effects of heat exposure. *Sensors*. 2020. 20(3), 855.
17. **Ko M**, Dorri A.* Primary care clinician and clinic director experiences of professional bias, harassment, and discrimination in an underserved agricultural region of California. *JAMA Network Open*. 2019. 2(10): e1913535.
18. **Ko M**, Sanders C, de Guia S, Shimkhada R, Ponce NA. Managing diversity to eliminate disparities: A framework for health. *Health Affairs*. 2018. Sep:37(9): 1383-93
19. **Ko M**, Wagner L, Spetz J. Nursing home implementation of health information technology: Review of the literature finds inadequate investment in preparation, infrastructure, and training. *Inquiry*. 2018. June. doi: 10.1177/0046958018778902.
20. **Ko M**, Newcomer R, Harrington C, Hulett D, Kang T, Bindman AB. Predictors of nursing facility entry by Medicaid-only older adults and persons with disabilities in California. *Inquiry*. 2018. April. doi: 10.1177/0046958018768316
21. Newcomer R, Harrington C, Hulett D, Kang T, **Ko M**, Bindman AB. Health care use before and after entering long-term services and supports. *Journal of Applied Gerontology*. 2018. January: 37(1):26-40.
22. Ponce NA, Glenn B, Scheitler AJ, Shimkhada R, **Ko M**. An examination of the barriers to breast cancer care in California. *American Journal of Medical Research*. 2017. June: 4(2):73-126.
23. Cummings J, Allen L, **Ko M**, Bonney L, Hunter Jones J, Cooper H. Changes in healthcare access and utilization among participants in a public housing relocation program in Atlanta, Georgia. *Health & Place*. 2016. Nov: 42. 63-8.
24. Cummings JR, Wen H, **Ko M**. Decline in public substance abuse disorder treatment centers most serious in counties with high shares of Black residents. *Health Affairs*. 2016. June: 35:1036-1044.
25. Raven MC, Kushel MB, **Ko M**, Penko JM, Bindman AB. The effectiveness of emergency department visit reduction programs: A systematic review. *Annals of Emergency Medicine*. 2016. October: 68(4):467-483.e15.
26. Newcomer R, **Ko M**, Kang T, Harrington C, Hulett D, Bindman AB. Health care expenditures after initiating long-term services and supports in the community versus in a nursing facility. *Medical Care*. 2016. March: 54(3): 221-8.
27. **Ko M**, Cummings JC, Ponce NA. Changes in the supply of rural health centers, 2000-2011: Implications for rural minority communities. *Journal of Rural Health*. 2016. June: 32(3): 245-253.

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28. **Ko M**, Murphy J, Bindman AB. Integrating health care for the most vulnerable: Bridging the differences in organizational cultures between U.S. hospitals and community health centers. *American Journal of Public Health*. 2015. November: 105 (Supp. 5): S676-9.
29. Ponce NA, **Ko M**, Liang SY, Armstrong J, Haas JS. Early diffusion of gene expression profiling in breast cancer patients associated with areas of high income inequality. *Health Affairs*, Editor's Pick for Top Ten in 2015. 2015. April: 34(4): 609-15.
30. Murphy J, **Ko M**, Kizer KW, Bindman AB. Safety net integration: a shared strategy for becoming providers of choice. *Journal of Health Politics, Policy and Law*. 2015. April: 40(2): 403-419.
31. **Ko M**, Newcomer RJ, Kang T, Hulett D, Chu P, Bindman AB. Payment rates for personal care assistants and the use of long-term services and supports among those dually eligible for Medicare and Medicaid. *Health Services Research*, Best of Academyhealth Annual Research Meeting 2014 special issue. 2014. December: 49(6): 1812-1831.
32. **Ko M**, Derose KP, Needleman J, Ponce NA. Whose social capital matters? The case of U.S. urban public hospital closures and privatizations. *Social Science and Medicine*. 2014. August: 114: 188-196.
33. **Ko M**, Needleman J, Derose KP, Laugesen M, Ponce NA. Residential segregation and the survival of U.S. urban public hospitals. *Medical Care Research and Review*. 2014. June: 71(3): 243-60.
34. Cummings, JR, Wen H, **Ko M**, Druss BG. Race/ethnicity and geographic access to Medicaid substance use facilities in the United States. *JAMA Psychiatry*. 2014. Feb: 71(2): 190-6.
35. Cummings, JR, Wen H, **Ko M**, Druss BG. Geography and the Medicaid mental health care infrastructure: Implications for health care reform. *JAMA Psychiatry*. 2013. Oct: 70(10): 1084-1090.
36. **Ko M**, Ponce NA. Community residential segregation and the local supply of Federally Qualified Health Centers. *Health Services Research*. 2013. Feb: 48(1): 253-70.
37. Wight RG, Aneshensel CS, Barrett C, **Ko M**, Chodosh J, Karlamangla AS. Urban neighborhood unemployment history and depressive symptoms over time among late middle age and older adults. *Journal of Epidemiology and Community Health*. 2013. Feb: 67(2): 153-8.
38. Odierna D, Afafe-Munsuz A, Ikediobi O, Beattie M, Knight S, **Ko M**, Wilson A, Ponce NA. Early developments in gene expression profiling of breast tumors: Potential for increasing Black-white disparities in breast cancer outcomes? *Personalized Medicine*. 2011. Nov: 8(6): 669-679.
39. Aneshensel C, **Ko M**, Chodosh J, Wight R. The urban neighborhood and cognitive functioning in late middle age. *Journal of Health and Social Behavior*. 2011. June: 52(2):163-179.
40. Wight R, **Ko M**, Aneshensel C. Urban neighborhoods and depressive symptoms in late middle age. *Research on Aging*. 2011. Jan: 33(1): 28-50.
41. **Ko M**, Heslin K, Edelstein R, Grumbach K. The role of medical education in reducing healthcare disparities: the first ten years of the UCLA/Drew Medical Education Program. *Journal of General Internal Medicine*. 2007. May: 22(5): 625-31.
42. **Ko M**, Edelstein R, Heslin K, Rajagopalan S, Wilkerson L, Colburn L, Grumbach K. Impact of the University of California, Los Angeles/Charles R. Drew University Medical Education Program on medical students' intentions to practice in underserved areas. *Academic Medicine*. 2005. Sep: 80(9): 803-8.

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Peer Reviewed Academic Commentaries and Essays

1. **Ko M**, Ngo V, Zhang A, Mabeza RM, Hahn M. Asian Americans and racial justice in medicine. *New England Journal of Medicine*. 2024;390:372-378
2. **Ko M**. Sickening: Anti-Black racism and health disparities in the United States. *J Health Polit Policy Law*. 2023; 821-824
3. Esparza CJ*, Simon M, Bath E, **Ko M**. Doing the work — or not: The promise and limitations of diversity, equity and inclusion in US medical schools and academic medical centers. *Frontiers in Public Health*. 2022. June. doi.org/10.3389/fpubh.2022.900283
4. **Ko M**. Racism in my medical education. *Health Affairs*. 2020;39(6):1087-91.
5. **Ko M**, Ton H. The not-underrepresented minorities: Asian Americans, diversity, and admissions. *Academic Medicine*. 2020 Feb; 95(2): 184-9.
6. **Ko M**, Bindman AB. No man is an island: disentangling multilevel effects in health services research. *BMJ Quality and Safety*. 2014. March: 23(3): 177-9.

Manuscripts in Progress

1. Adkins-Jackson P, Gobaud AN, Kim B, Ford TN, Hill-Jarett TJ, Tejera CH, Bailey Z, Hardeman RR, **Ko M**, Blagburn, Uzzi M, Avila-Rieger J, Gee G, Tsai A, Manly J, Alang S. “The place where danger waits”: Ten years of incarceration after the 1994 Crime Bill on cognitive function in older adults racialized as Black.” Accepted, *Journal of Urban Health*.
2. Wagner J*, Brazil N, Buggs S, **Ko M**. Differentiating relationships between historical redlining patterns and area-based health outcomes by contemporary neighborhood racial and ethnic composition. In review, *Journal of Urban Health*.
3. Wagner J*, Brazil N, Buggs S, **Ko M**. Housing market dynamics and poor mental health in historically redlined neighborhoods: A conditional process analysis. Invited to revise and resubmit, *Social Science and Medicine*.
4. Chen IL, **Ko M**, Yuen EY. How can we dismantle Asian American stereotypes and heal racial trauma in medicine? Invited to revise and resubmit, *New England Journal of Medicine Catalyst*.
5. Planey AM*, Wong S, Planey D, Winata F, **Ko M**. Associations between local rural hospital closures, spatial access to hospitals, and receipt of preventive care in rural Census Tracts in the U.S. South. In review, *American Journal of Preventive Medicine*.
6. Planey AM*, Rodriguez R, Wong S, Wallace D, Hecht HK, Winata F, **Ko M**. Spatial-structural disparities in acute care accessibility among Latin American immigrants & Spanish speakers in the rural U.S. South. In review, *Journal of Racial and Ethnic Health Disparities*.
7. Iv S*, Zhang A, Dinh K*, Hahn M, **Ko M**. Asian American history and health workforce diversity. In preparation for *Academic Medicine*.
8. Nazar N*, Vong V*, **Ko M**. Experience of low-income undergraduate students with disabilities in navigating health needs. In preparation for the *Journal of American College Health*.

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9. Johnson M*, Brazil N, **Ko M**. Certified Nursing Assistant training opportunities: insights from states' administrative data. In preparation for *Health Affairs*.
10. Chakalov B*, Sheldon A, Cannon C, **Ko M**. Self-identified LGBTQ+-friendly Healthcare Directory: a novel database for examining healthcare providers for sexual orientation and gender minority communities. In preparation for *LGBTQ Health*.
11. Chakalov B*, Hamilton E, Cannon C, **Ko M**. Access to care for sexual and gender minority immigrants in California. In preparation for *Social Science and Medicine*.
12. Roxas N, **Ko M**, Bath E. Racial justice in academic medicine: the importance of advocacy, organizing and activism. In preparation.
13. Campos Y*, Ortega M*, Chakalov B*, Talamantes E, **Ko M**. Experiences of students from historically and structurally excluded groups in applying to health professions programs. In preparation for *IJERPH*.
14. Chakalov B*, Cannon C, Sarkin C, Pando C, **Ko M**. Using an intersectional lens to study health care access and utilization among sexual and gender minority immigrants: A narrative review of the literature. In preparation for *Social Science and Medicine*.

Peer-Reviewed Policy Analyses

1. California Health Benefits Review Program (**Ko M** Cost Analysis Lead). Analysis of California Assembly Bill (AB) 1986: Colorectal Cancer Screening and Testing. Report to the 2019-2020 California State Legislature. April 6, 2020. Available at: <http://analyses.chbrp.com/document/view.php?id=1485>
2. California Health Benefits Review Program (**Ko M** Cost Analysis Lead). Analysis of California Assembly Bill (AB) 166: Violence Preventive Services. Report to the 2018-2019 California State Legislature. April 21, 2019. Available at: <http://analyses.chbrp.com/document/view.php?id=1423>
3. California Health Benefits Review Program (**Ko M** Cost Analysis Lead). Analysis of California Assembly Bill (AB) 2342: BRCA Gene Mutations: Screening, Counseling, and Testing. Report to the 2017-2018 California State Legislature. April 16, 2018. Available at: <http://analyses.chbrp.com/document/view.php?id=1346>
4. California Health Benefits Review Program (**Ko M** Cost Analysis Lead). Analysis of California Assembly Bill (AB) 1107: Oncology Clinical Pathway Act of 2017. Report to the 2016-2017 California State Legislature. April 14, 2017. Available at: <https://doi.org/10.1177/0733464816641393>
5. California Health Benefits Review Program (**Ko M**: Cost Analysis Lead). Analysis of California Assembly Bill (AB) 2764 Health Care Coverage: Mammography. Report to the 2015-16 California State Legislature. May 6, 2016. Available at: http://chbrp.ucop.edu/index.php?action=read&bill_id=225&doc_type=3

Non-Refereed Publications

Reports

Ko, M.

1. Coffman J, Fix M, **Ko M**. Headed for a drought? California physician supply and distribution: July 2018. California Healthcare Foundation. Available at: <https://www.chcf.org/wp-content/uploads/2018/06/CAPhysicianSupply2018.pdf>
2. Ponce NA, Glenn B, Shimkhada R, Scheitler AJ, **Ko M**. Addressing barriers to breast cancer care in California: The 2016-2017 landscape for policy change. Report to the California Breast Cancer Research Program. Updated February 2018. Available at: <http://healthpolicy.ucla.edu/publications/Documents/PDF/2018/AddressingBarriersBreastCancerCare.pdf>
3. **Ko M**, Wagner L, Okwandu O, Spetz J. Health information technology implementation: Implications for the nursing home workforce. Report for the Health Resources and Services Administration. 2016. Available at: http://healthworkforce.ucsf.edu/sites/healthworkforce.ucsf.edu/files/REPORT_HIT_in_Nursing_Homes_Final.pdf
4. Ponce NA, Scheitler AJ, Shimkhada R, **Ko M**. Educational outcomes related to school-based health interventions for boys of color: A field scan of the status of evaluation and research. Report to RISE for Boys and Men of Color. December 15, 2016.
5. **Ko M**, Newcomer R, Bindman AB, Kang T, Spetz J. Payment rates and turnover in personal care assistants: Family and non-family member providers. Report for the Health Resources and Services Administration. 2015. Available at: <http://healthworkforce.ucsf.edu/publication/californias-medicaid-personal-care-assistants-characteristics-and-turnover-among-family>.
6. Raven MC, Kushel MB, **Ko M**, Penko JM, Tseng SH, Bindman AB. Emergency department visit reduction programs. Report to the Medicaid and CHIP Payment Advisory Commission. 2014.

Book Chapters

1. **Ko M**, Cruz AL, Cummings J. Ch. 9. The health care system and mental health. *Social Justice and Mental Health*, eds. Shim RS, Vinson SY. 2021. American Psychiatric Association. Washington, D.C.
2. Ponce NA, **Ko M**. Multilevel social determinants of health. *Changing the U.S. Healthcare System, 4th ed.* Ed Gerald Kominski. 2013. Jossey-Bass. San Francisco, California.
3. Needleman J, **Ko M**. The declining public hospital sector. *The health care "safety net" in a post-reform world.* Eds Mark Hall and Sara Rosenbaum. 2012. Rutgers University Press. Piscataway, New Jersey.

Commentaries in Academic Media

1. **Ko M**. Improving peer review for structural racism and health research. *Health Affairs Forefront*. July 10, 2023. 10.1377/forefront.20230707.6457
2. Wallace DD, Urquiza K, Raifman R, **Ko M**. Putting equity at the heart of the US government's rollout of covid tests and masks. *BMJ* 2022;376:o344
3. **Ko M**, Shim R. Dismantling institutional racism: It's time to abandon the U.S. News & World Report Rankings. AM Rounds, Beyond the Pages of *Academic Medicine*. December 29, 2020.
4. **Ko M**, Ton H. Why does the Harvard case on Asian American discrimination matter for academic medicine? AM Rounds, Beyond the Pages of *Academic Medicine*. December 3, 2019.

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<http://academicmedicineblog.org/why-does-the-harvard-case-on-asian-american-discrimination-in-admissions-matter-for-academic-medicine/>

5. **Ko M**, Bitler M. Medicaid under block grants: Lessons from welfare reform. *Health Affairs Blog*. July 7, 2017. <https://www.healthaffairs.org/doi/10.1377/hblog20170707.060968/full/>

Commentaries in Other Media and Public Outlets

1. **Ko M**. The anti-Asian racism of US COVID-19 policy. *KevinMD*. May 4, 2022.
2. **Ko M**. It's time for smart mask policies in schools. *Davis Enterprise*. March 13, 2022.

Research Impact

Citations in Policy Recommendations, Plans and Reports

1. Mateo C, Furtado K, Plaisime MV, Williams DR. The sociopolitical context of the Unequal Treatment report. Urban Institute. January 17, 2023. <https://www.urban.org/research/publication/sociopolitical-context-unequal-treatment-report>
2. Meeting the demand for health. Final report of the California Future Health Workforce Commission. February 2019. <https://futurehealthworkforce.org/wp-content/uploads/2019/03/MeetingDemandForHealthFinalReportCFHWC.pdf>
3. Long-term care workforce: Better information needed on nursing assistants, home health aides, and other direct care workers. United States Government Accountability Office. GAO-16-718, a report to the Ranking Member, Subcommittee on Health Care, Benefits, and Administrative Rules, Committee on Oversight and Government Reform, U.S. House of Representatives. August 2016.
4. Diversifying California's healthcare workforce, an opportunity to address California's health workforce shortages. Healthcare Workforce Diversity Advisory Council, California Office of Statewide Health Planning and Development. May 2008.
5. Nation C, Gerstenberger A, Bullard D. Preparing for change: The plan, the promise and the parachute. 2007. *Academic Medicine*. 82(12): 1139-1144/

Commentaries on Publications in Peer-Reviewed Journals

1. Joseph KA, Williams R. Commentary: Preventing the demise of diversity, equity and inclusion. *JAMA Network Open*. 2024;7(6):e2415379.
2. Mateo CM, Williams DR. Commentary: Understanding and addressing how racism can affect medical school admissions- making the invisible visible. *JAMA Network Open*. 2023. 6(2):e232291
3. Pathman D. Commentary: Are bias, harassment and discrimination by physician-peers a reason why some physicians leave rural communities? Invited commentary. *JAMA Network Open*. 2019; 2(10):e191350
4. Cohen AK, Ahern J. Commentary: How research on public school closures can inform research on public hospital closures. *Social Science & Medicine*. 2014.14:197-199.

Media and Other Public Coverage of Research

Ko, M.

1. Southall JR. ‘Severe’ inequities persist among Asian American subgroups in health care workforce. *HemOnc Today*. October 22, 2024.
2. Putka S. Inside the struggle to improve diversity, equity and inclusion in academic medicine. *MedPage Today*. June 14, 2024.
3. Li V. Philly-area schools showcase diversity challenges in medical school leadership. *Philadelphia Inquirer*. Aug. 23, 2023.
4. Welle E. Making diversity stick is a challenge for higher ed. New research suggests ways to get there. *The Chronicle of Higher Education*. April 12, 2023.
5. Hartnett K. Diversity in medical schools elusive despite effort. *Modern Healthcare*. March 17, 2023.
6. McFarling UL. How one medical school became remarkably diverse- without considering race in admissions. *StatNews*. March 7, 2023.
7. SDOH Roundup: Racism as a driver of health. *Drivers of Health Project*. June 17, 2020. <https://driversofhealth.org/2020/06/17/sdoh-roundup-racism-as-a-driver-of-health/>
8. Carroll L. Female and minority health professionals face discrimination from rural colleagues. *Reuters Health, Yahoo! News*. October 28, 2019.
9. Frellick M. Enemy within intensifying rural clinician shortages? *Medscape Medical News*. October 25, 2019.
10. Newkirk II VR. America’s health segregation problem. *The Atlantic*. May 18, 2016.
11. Drew Students’ goal: Help the poor. *Los Angeles Times*. August 26, 2005.
12. Lowe S. UCLA, King/Drew maintain affiliation. *Daily Bruin*. October 6, 2005.

PRESENTATIONS

*student/mentee; †presenter

Refereed Podium

1. **Ko M**†, Simon M, London MR*, Fancher T, Henderson M, Hardeman R. Diversity and inclusion in medical school admissions: Where are we now? Learn Serve Lead, Association of American Medical Colleges, November 8, 2021.
2. Tran-Reina M†, **Ko M**, London MR*, Gonzalez-Flores A, Hou MY, Westervelt M, Fancher T. Assessing Program Mission and Graduate Practice Outcomes: University of California, Davis School of Medicine Community Health Scholars. Learn Serve Lead, Association of American Medical Colleges, November 8, 2021.
3. **Ko M**†, Simon M, London MR*, Fancher T, Henderson M, Hardeman R. Medical school admissions: Advancing diversity or reproducing racism? Academyhealth Annual Research Meeting. June 14, 2021.

Refereed Podium: Student/mentee

Ko, M.

1. Chakalov B*†, Sheldon A, Cannon C, **Ko M.** LGBTQ Provider Database: A descriptive analysis of the data. GLMA Annual Conference on LGBTQ+ Health. September 30-October 2, 2024.
2. Wagner J*†, Brazil N, Buggs S, **Ko M.** Housing market dynamics and poor mental health in historically redlined neighborhoods: A conditional process analysis. Population Association of America Annual Meeting. April 17-22, 2024.
3. Esparza CJ*†, Simon M, Bath E, **Ko M.** Doing the work — or not: The promise and limitations of diversity, equity and inclusion in US medical schools and academic medical centers. Learn Serve Lead, Association of American Medical Colleges. November 14, 2022.
4. Wagner J*†. Differentiating relationships between historical redlining patterns and area-based health outcomes by neighborhood racial and ethnic composition. Interdisciplinary Association for Population Health Science. September 22, 2022. (co-authors: **Ko M**, Buggs S, Brazil N)
5. Esparza CJ*†, Simon M, Bath E, **Ko M.** Doing the work: A qualitative exploration of “Diversity, Equity, and Inclusion” in academic medicine. Association American Medical Colleges Health Workforce Research Meeting. May 6, 2022.
6. Esparza CJ*†, Simon M, Bath E, **Ko M.** Doing the work — or not: The promise and limitations of diversity, equity and inclusion in US medical schools and academic medical centers. Beyond Flexner Alliance Conference. March 20-22, 2022.

Invited Presentations

1. **Ko M.** Asian Americans and racial justice in medicine. Semel Institute, UCLA Grand Rounds, July 27, 2025.
2. **Ko M.** Asian Americans and racial justice in medicine. UCSF Department of Surgery Grand Rounds, February 5, 2025.
3. **Ko M.** Naming and challenging structural exclusion in medicine. David Geffen School of Medicine at UCLA JEDI (Justice, Equity, Diversity and Inclusion) Academic Mentoring Council. October 2, 2024.
4. **Ko M.** Is my medical school racist? (Yes). UCSF Philip R. Lee Institute for Health Policy Studies Grand Rounds, December 14, 2022, and UCLA JEDI Academic Mentoring Council. February 23, 2023.
5. **Ko M.** The anti-Asian racism of U.S. COVID-19 policy. Tufts University Global Health Seminar. Boston, MA. May 27, 2022.
6. **Ko M.** The not-underrepresented minorities: Asian Americans, diversity and affirmative action in medicine. University of New Mexico Asian Pacific Islander Heritage Month Distinguished Speaker series. May 27, 2021.
7. **Ko M.** Scarcity in the land of plenty: Primary care providers in California’s Central Valley. UCSF Healthforce Center. San Francisco, CA. January 30, 2020.
8. **Ko M.** Disparities in access to care: Is California a national role model or cautionary tale? California Center for Ethics and Policy. Pomona, CA. April 11, 2019.
9. **Ko M.** Healthcare for vulnerable populations in the central San Joaquin valley. Western Center for Agricultural Health and Safety. Davis, CA. March 4, 2019.

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Invited Panelist, Moderator or Discussant (National)

1. Fashaw-Walters S, **Ko M**, Keyes K, Adkins-Jackson P, Lett E. Measuring structural racism: Update on frameworks and approaches in health equity research. AcademyHealth Annual Research Meeting, June 30, 2024.
2. **Ko M**, Hahn M, Ngo V. Asian Americans and racial justice in medicine. American Medical Association, May 29, 2024.
3. Cary M, Diaz C, Westcott S. (**Ko M**, Moderator). Health Affairs, Tackling racism in health care. Recorded discussion for the Health Affairs special issue on Racism and Health, October 2023.
4. Watts V, Kurtz P, Anderson A. (**Ko M**, Moderator). Health Affairs Lunch and Learn: A seat for all: Advancing racial equity in scholarly publishing of health policy and health services research. May 23, 2023.
5. Rogers TB,* Chantararat TB,* Mitchell C,* **Ko M**. What we learned from the HSR workplace culture study. AcademyHealth Annual Research Meeting. June 16, 2022. (postponed)
6. Aaron DG, Dejean J, **Ko M**, Perez-Stable, E, Silvera S. Structural racism and the workforce. Roundtable on Obesity Solutions Workshop, National Academies of Science, Engineering and Medicine. April 19, 2022.
7. Outsiders within: Racism in health services research. (**Ko M**, Chair) AcademyHealth Disparities Interest Group Meeting. November 4, 2020.
8. Adams A, Hardeman R, **Ko M**. Creating safe spaces in the workplace: Promoting a diverse, inclusive, and sustainable research culture. Academyhealth Annual Research Meeting. August 4, 2020.
9. Baumgartner J, Gunja M, Ross-Degnan D, Gurewich DA. Discussant: **Ko M**. The impact of insurance and payment reform on disparities. Academyhealth Annual Research Meeting. July 29, 2020.
10. Akiwumi A, Sheon A, Davis T, Broome T. Moderator: **Ko M**. Rapid Fire: Addressing social risks, health equity, and population health. National Health Policy Conference. Washington, D.C. February 10, 2020.
11. Adams A, Hardeman R, Hernando-Cortez S, **Ko M**. Boundary spanning and code switching: Creating a culture of inclusion in HSR. Academyhealth Annual Research Meeting. Washington, D.C. June 3, 2019.

Invited Panelist, Moderator or Discussant (Regional, Local)

1. Introduction to Racial Affinity Group Caucusing. Hahn M (lead), **Ko M**. UCLA AAPI Alliance. July 9, 2024.
2. Asian Americans and racial justice in medicine. **Ko M** (Guest Discussant). Journal Club series, Office of Diversity, Equity and Inclusion, Health Equity Journal Club. Chicago Medical School, Rosalind Franklin University. May 13, 2024.

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Posters (past 5 years)

1. Chakalov B*†, Sheldon A, Cannon C, **Ko M.** LGBTQ Provider Database: A descriptive analysis of the data. National LGBTQ Health Conference. August 15-17, 2024.
2. Rogers T*†, Graham K, Mitchell C*, Chantarat T*, **Ko M.** Navigating hostile workplaces and educational spaces within health services and policy research. AcademyHealth Annual Research Meeting. July 2, 2024.
3. Campos Y*†, Ortega M*, Chakalov B*, Talamantes E, **Ko M.** Experiences of students from historically and structurally excluded groups in applying to health professions programs. AcademyHealth Annual Research Meeting. June 24, 2023.
4. Campos Y*†, Ortega M*, Chakalov B*, Talamantes E, **Ko M.** Experiences of students from historically and structurally excluded groups in applying to health professions programs. Association of American Medical Colleges Health Workforce Research Conference. May 3-5, 2023.
5. **Ko M**†, Ortega M*, Chakalov B*, Talamantes E. “It’s hard to focus on studying, when you are trying to survive:” Basic needs of pre-health students during the COVID-19 pandemic. Learn Serve Lead, Association of American Medical Colleges. November 14, 2022
6. Planey AM*†, Planey D, Wong S, Winata F, **Ko M.** Longer travel times to acute hospitals are associated with lower likelihood of preventive care and cancer screening receipt among rural-dwelling adults in the US South. AcademyHealth Annual Research Meeting. June 6, 2022
7. Esparza CJ*†, Simon M, Bath E, **Ko M.** Doing the work — or not: The promise and limitations of diversity, equity and inclusion in US medical schools and academic medical centers. AcademyHealth Annual Research Meeting. June 6, 2022
8. Nguyen M*†, Van Nieuwenhuyzen M*, Tran-Reina M, **Ko M.** Is the UC Davis School of Medicine Rural PRIME program successfully producing physicians who work in rural communities? UC Davis School of Medicine. February 28, 2022.
9. **Ko M**†, Ortega M*, Talamantes E. Increasing diversity in the health professions during a pandemic: Experiences of underrepresented students in preparing and applying to graduate programs in the health professions. AcademyHealth Annual Research Meeting. June 13-15, 2021.
10. **Ko M**†, Simon M, London MR*, Fancher T, Henderson M, Hardeman R. Diversity and inclusion in medical school admissions: Where are we now? Association of American Medical Colleges Group on Diversity and Inclusion and Health Workforce Joint Meeting. May 5-7, 2021.
11. Tran-Reina†M, **Ko M**, London M,* Gonzalez-Flores A, Hou MY, Westervelt M, Fancher M. Assessing program mission and graduate practice outcomes: Community Health Scholars. Association of American Medical Colleges Group on Diversity and Inclusion and Health Workforce Joint Meeting. May 5-7, 2021.

TEACHING

Course Development

- 2025- UC Davis Public Health Sciences PhD Core Curriculum major revision, co-lead
- 2022-23 SPH 298: Developed new course for doctoral and advanced master’s degree students on data, measurement and analytic approaches for examining health equity.

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SPH 276: Revised 80% of course from primary focus on economic evaluation and cost-effectiveness analysis, to span multiple paradigmatic approaches to policy analyses and how policy analyses are used by stakeholders. Core program requirement, PhD in Public Health Sciences, and advanced master's degree student elective.

2018 SPH 202: Developed new course for inaugural doctoral program class in public health issues in California's Central Valley, from environmental, labor and economic drivers to health care systems and access. Core program requirement, UC Davis, PhD in Public Health Sciences.

2020-2021: Revised to fully online learning.

2021-2022: Revised to combined: hybrid, in-person and online learning.

2017 SPH 222: Social and Behavioral Aspects of Public Health. Core program requirement, UC Davis Masters of Public Health program. Complete revision of syllabus, course materials, and activities, including development of new hybrid online/face-to-face learning structure.

2020-2021: Revised to fully online learning.

Courses Taught

2023-present Instructor of record, SPH 298: Quantitative methods in health equity research: Fundamentals of data and measurement (3units- 2025)

2023 Instructor of record, SPH 276: Critical assessment in health policy and economics (3 units)

2018-present Instructor of record, SPH 202: Public health issues in the Central Valley (3 units)

2017-2021 Instructor of record, SPH 222: Social and behavioral aspects of public health. (3 units)

2017-2021 Facilitator, MS 415: Epidemiology and critical review of the medical literature. Topics: Medicaid policy and access to care (Winter)

2017- Preceptor, Practicum projects, Global Disease Biology 198

2007-2008 Course developer and Co-Instructor.

UCLA/Drew Elective Course: Caring for diverse and disadvantaged populations of Los Angeles County. (David Geffen School of Medicine at UCLA)

Recurring Lecturer

2020-present HDE 135: Health Behavior. Structural racism and health. UC Davis Department of Human Ecology

2019-present UC Davis College of Biological Sciences Educational Enrichment and Outreach Programs. Protecting research participants: Ethics training for researchers. (Summer)

2017-2020 SPH 273: Health Services Administration. Topics: Health care reform, Medicaid and the health care safety net. (Winter)

2017-2019 SPH 190: Topics in Public Health. Topic: Health care reform (Winter, Spring)

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2017-present UC Davis PRIME/Community Health Scholars programs. Topics: Introduction to health in the Central Valley, Healthcare workforce in the San Joaquin Valley, Structural determinants of health in rural and agricultural regions, Using public health datasets to advance community health, Introduction to IRB. (2-3 lectures per year)

Coordinator of additional guest lectures on: Farmworker health, Environmental health in the Central Valley.

Guest lectures

2025 Positionality in quantitative health equity research. UC Davis School of Nursing REACH Equity Scholars. March 13, 2025.

2021 Conceptual frameworks. SPH 214: Scientific Proposal Writing. UC Davis Graduate Group in Public Health Sciences. April 15, 2021.

Invited Speaker: Training programs

2023 UC Davis Broadening Participation in Social Inequality Research Program (BPSIR), the UC-Hispanic Serving Institutions doctoral diversity program, on beginning a research career.

UC Davis Office of Educational Opportunity and Enrichment Services Summer Research Fellowship, for students conducting research on social sciences, first-generation, poverty and inequality topics, on applying to graduate programs.

2023 UC Davis School of Medicine Student Re-visit Day. Faculty and resident panel. April 28, 2023.

2022 Envision, UC Davis. Meeting with prospective California students to introduce them to graduate programs in Public Health Sciences at UC Davis. October 14, 2022.

2022 Racism and Health Policy. Medical School Preparatory Education Program (MSPEP), UC Davis. April 22, 2022.

2021 Avenue B Industry Day. Meeting UC Davis incoming community college transfer students to discuss careers in the health and biological sciences. Sept. 2, 2021

2020-present Undergraduate Public Health Journal Club, for the UC Davis Undergraduate Public Health Scholars Program. Weekly. (Summer)

2019-2022 UC Davis Summer Poverty Research Engagement Experience (SPREE), for students from Historically Black Colleges and Universities (HBCUs). Graduate school and careers in academia seminar. (Summer)

MENTORING AND ADVISING

Doctoral and postdoctoral: Major and dissertation

2025- Jason Singson, PhD student, Public Health Sciences. Area: Justice system involvement of Asian Americans (advisory, pre-candidacy)

Ramon Vara, PhD student, Epidemiology/Public Health Sciences. Area: Long-term health outcomes of Don't Ask, Don't Tell veterans (advisor, pre-candidacy)

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- 2024- Kevin Dinh, PhD candidate, Economics. Dissertation: Access to health care for marginalized populations. (exam and committee member). Chapter 1: Effects of Medicaid reimbursement and state scope of practice policy on nurse practitioner workforce supply; Chapter 2: Outcomes of gender-affirming care for active members of U.S. military and families (exam and committee member)
- 2023- Maria Cruz, PhD candidate, Public Health Sciences. Dissertation: Experiences of Spanish-speaking Latine communities with first response systems. (exam and committee member)
- Samantha Sime, PhD candidate, Sociology. Dissertation: Examination of Medicaid doula coverage program in California (exam and committee member).
- Yi Lor, PhD candidate, Epidemiology. Dissertation: Racial residential segregation and later life cognitive health (committee member).
- 2021- Jenny Wagner, PhD, Public Health Sciences. Dissertation: Institutionalized racism in housing markets: rooting contemporary neighborhood health inequities within historical contexts (chair, 2023). Current position: Assistant professor, Sacramento State University.
- Bozhidar Chakalov, PhD candidate, Public Health Sciences. Area: Access to healthcare for LGBTQ+ immigrant populations (chair).
- Mallory Johnson, PhD candidate, Geography. Area: Relationships between community colleges, policy, and certified nurse assistant (CNA) supply and distribution (exam and co-chair). Current position: Analyst, Center for Health Equity, American Medical Association.
- 2020-23 Taylor Rogers, PhD, Health Policy and Management, Fielding School of Public Health at UCLA (2023). Project: Diversity and inclusion in health services and policy research: A mixed methods climate assessment. Dissertation: Racism and diversity, equity, and inclusion in the health professions (advisor). Current position: Postdoctoral fellow, UCSF Healthforce Center; Upcoming: Assistant Professor, University of Hawaii
- Carmen Mitchell, PhD Health Policy and Management, University of Louisville, Kentucky (2024). Projects: (1) Diversity and inclusion in health services and policy research: A mixed methods climate assessment; (2) Use of criminal justice datasets for measurement of structural racism in health services research (advisor)
- 2020-21 Tongtan (Bert) Chantarat, PhD, Health Policy and Management, University of Minnesota School of Public Health. Project: Diversity and inclusion in health services and policy research: A mixed methods climate assessment (advisor). Current: Research scientist, Institute for Social Research and Data Innovation, University of Minnesota School of Public Health.
- 2017-2019 Courtney Shelley, doctoral candidate, Graduate Group in Epidemiology. Dissertation committee member. Dissertation: Predictors of under-vaccination among children in the United States. Current position: Social Justice/Data Science assistant adjunct professor, UCLA Department of Mathematics and Statistics.

Doctoral: Qualifying examination committees

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- 2024-25 Nancy Chen, Epidemiology. Committee member. Proposal: Subjective and objective cognitive decline in racially and ethnically diverse cohorts.
- Heather Barr, Public Health sciences. Major advisor. Proposal: Evidence for the role of animal-based therapy for mental health interventions.
- 2021-2022 Caitlin Greer Jones, Public Health Sciences. Committee member. Proposal: Health risks of combined heat and wildfire smoke
- 2020 Ani Movsisyan, Public Health Sciences. Committee member. Proposal: Cancer risk among Armenian-Americans in California.
- 2019-2020 Konstantin Kunze, Economics. Committee member. Proposal: Public health insurance expansions and labor supply of women.
- 2018 Annie Laurel Hines, Economics. Committee member. Proposal: The health effects of U.S. immigration policy.
- 2017 Brittany Garcia, Epidemiology. Committee member, Area of specialization: Social determinants of health

Medical

- 2021-23 Caitlin Jade Esparza, UC Davis School of Medicine, Racial Justice and Health Equity Research Scholar. Project: Offices of Diversity, Equity and Inclusion in U.S. medical schools. Current position: PGY-2, UCSF Obstetrics and Gynecology

Master's

- 2024 Julia Carillo, Academic advisor, MPH 2024.
Hanna Enomoto, Academic advisor, MPH 2024.
- 2023 Samantha Hernandez, Academic advisor, MPH 2023.
Ahmed Kiran, Academic advisor, MPH 2023.
- 2022 Yelitza Campos, MPH 2022. Graduate student researcher. (1) Evaluating the outcomes of the UC Davis School of Medicine Community Health Scholars; (2) Describing educational and application experiences of underrepresented pre-health students.
- 2020-2021 Monica Velasquez, Academic advisor, MPH 2021.
- 2019-2020 Alexis Mae Calinawan, MPH Practicum Preceptor, MPH 2020: Addressing UC Davis student food insecurity and other basic needs during the coronavirus pandemic.
- Kashti Nayem, Academic advisor, MPH 2020.
- Sarah Boyles Muehleck, Academic advisor, MPH 2020.
- Jason Singson, professional and education advisor, MPH 2020. Current position: research scientist, California Department of Public Health, Office of Health Equity; PhD student, Public Health Sciences, UC Davis.
- 2018-2019 Sean Pham, MS Mechanical Engineering. Thesis committee. Thesis: Wearable sensor system to monitor physical activity and the physiological effects of heat exposure.

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Hibatallah Eltahir, Academic advisor, MPH 2019. Current position: Program coordinator, Health Education Council, Sacramento.

Katherine Ingram, Academic advisor, MPH 2019.

2017-2018 Tooka Zokaie, MPH 2018, CPH, MAS. University of California Grad Slam finalist. Current position: DrPH candidate, University of Illinois, Chicago.

Hannah Dumas, MPH 2018.

Undergraduate

2023-2024 Nimra Nazar. Experiences of low-income college students with disabilities in managing health and accommodation services. UCD BA 2024.

2022 Catelyn Hope Edwards. Literature review: Impacts of mass incarceration on health, aging and cognitive function among Black and/or African Americans. Literature search: Structural racism and geographic distribution of healthcare services. Current position: MPH Year 2, Health Policy and Management, Columbia University.

Elsie Ngugi. Literature review: Impacts of structural racism in policing on health of Black and/or African American communities. Literature search: Racial and ethnic diversity among physician assistants and PA students. UCD BA 2023.

2021-2022 Vicky Vong. Experiences of low-income college students in information sources and decision-making for health insurance coverage, access to care, and quality. UCD BA 2023, Johns Hopkins MSPH 2024. Current position: Centers for Medicare and Medicaid Services.

2020-2021 Maribel Ortega. Global Disease Biology Final Project: Experiences of first-generation, underrepresented and disadvantaged pre-health students in preparation for health professions graduate education. Current position: Diabetes educator, Communicare Health Centers (Federally Qualified Health Center)

2019-2020 Earl Lee Morales. Career and professional mentor. Undergraduate Scholars in Public Health. Current position: Data Analyst, CalPERS.

2018-2019 Yemi Lawrence. Faculty mentor for Undergraduate Scholars in Public Health, Global Disease Biology Final Project: Quality of care in San Joaquin Valley community health centers. Current position: MS3, UCSF School of Medicine.

2018 Gilliane Nwafor. Global Disease Biology Final Project: A systematic review of the literature of the impacts of incarceration on the health of men of color. Current position: PhD student, Nursing Science, University of Washington

2018 Sarah Iv. Global Disease Biology Final Project: Linguistic access to care for Southeast Asian communities in the San Joaquin Valley. Current position: Health Professions Education specialist, UC Davis Health, Office for Equity Diversity and Inclusion, first year MPH in Health Equity, Boston University.

2017-2018 Sonam Kumari. Faculty mentor for Undergraduate Scholars in Public Health. Project: Poverty-related challenges and successful strategies for delivering primary care in the San Joaquin Valley. Current position: MS 3, UC Davis School of Medicine.

2008-2009 Graduate health professions mentor, UCLA Academic Advancement Program for first-generation, low-income, and under-represented undergraduate students. Conducted

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workshops on application to graduate programs and held weekly office hours to provide guidance on careers, education, and review of applications.

Professional and Career Development

Faculty and research scientists UC Davis: Kathryn Conlon, PhD, Kristen George, PhD, Shani Buggs, PhD, Nicole Kravitz-Wirtz, PhD

External: Tongtan (Bert) Chantararat, PhD, University of Minnesota; Arianna M. Planey, PhD, University of North Carolina, Chapel Hill; Shekinah Fashaw-Walters, University of Pennsylvania

Postdoctoral Taylor Rogers, PhD, University of California, San Francisco; Victoria Ngo, PhD, Veterans Administration Health Services Research

Predoctoral External: Chinmonso Okorie, MS, Kaiser Permanente Division of Research; Yelitza Campos, MPH, Dignity Health Mercey Medical Cancer Center; Vicky Vong, MSPH, Centers for Medicare and Medicaid;

SERVICE

Departmental/Graduate Group

2021-22 UC Davis Department of Public Health Sciences, Diversity, Equity and Inclusion Committee

2018-2020 UC Davis Graduate Group in Public Health Sciences, Chair Selection Committee

2017-present UC Davis Graduate Group in Public Health Sciences, Education and Curriculum Policy Committee

Collegiate and Schools of Medicine

2021 UC Davis School of Medicine, Clerkship Grading Equity Workgroup

2020-2022 UC Davis School of Medicine, Racial Justice and Health Equity Research Scholars: Faculty advisor

2019-2021 UC Davis Center for a Diverse Healthcare Workforce, Core Faculty (2019); Co-Director (2020-21)

2018-2021 UC Davis School of Medicine, Advancing Diversity Faculty Search Committees

2018-2020 UC Davis PRIME Programs (San Joaquin Valley and REACH): Faculty advisor, a program for training medical students committed to serving California's Central San Joaquin Valley

2007-2012 UCLA PRIME Medical Education Program, Advisory Board Member, a program for training medical students who will become future physician leaders in caring for and advocating for underserved communities

2001-2004 UCLA/Drew Medical Education Program, admissions committee member, a program dedicated to training medical students with a commitment to underserved communities

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University

- 2024-present UC Davis Academic Senate, Faculty Executive Committee (AY 2024-2026)
- 2024-present UC Davis Academic Senate, Provost Chairs Committee (AY 2024-2026)
- 2022-present UC Davis Academic Senate, Diversity Equity and Inclusion Committee. Chair (AY 2024-26)
- 2020-2022 The Pantry at UC Davis, Faculty advisor, for internal needs assessment and evaluation for student-led organization providing on-campus food and basic needs for undergraduates. Projects include:
- Rapid needs assessment for transition to bag drop model (March 2020)
 - Evaluation of current services and needs assessment for academic year 2020-2021 (August 2020)
 - Assessment of internal organizational sustainability, staff training and support needs (October 2021-September 2022)
- 2017-present Undergraduate Public Health Scholars, **Founder and Director**, mentored summer undergraduate research program for first-generation, underrepresented, students with disabilities, or other disadvantaged UC Davis students, to gain experience in research in public health.
- 2021-present UC Davis Graduate Group in Geography, Faculty Affiliate
- 2017-present UC Davis Center for Poverty and Inequality Research, Executive Committee
- 2017-present UC Davis Center for Healthcare Policy and Research, Faculty Affiliate
- 2017-present UC Davis Graduate Group in Public Health Sciences, Faculty Affiliate
- 2017-2018 Community Engagement Core, Environmental Health Sciences Core Centers Program, UC Davis, Co-Director

State

- 2024-2026 University of California Academic Senate, Affirmative Action, Diversity and Equity (UCAADE) Committee

National

- 2025 Ad hoc member, National Institutes of Health, Special Emphasis Panel: Extramural Loan Repayment Program for Health Disparities Research
- 2024 Ad hoc member, National Institutes of Health, Healthcare, Social and Environmental Determinants of Health Charter Section
- 2023-2025 *Health Services Research* Editorial Advisory Board
- 2021-2023 *Health Affairs* Health Equity Advisory Committee
- 2022 Ad hoc member, National Institutes of Health and Healthcare Disparities Study Section.
- 2021 Member, National Institutes of Health, Special Emphasis Panel: Understanding and addressing the impact of structural racism and discrimination of minority health and health disparities (RFA-MD-21-004).

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- 2021 Subject Matter Expert, Agency for Healthcare Research and Quality, Health Equity Summit 2022 Planning Meeting. December 2021.
- 2021 Contributor, *JAMA Network Open* Listening Sessions on addressing structural racism in medicine. September 2021.
- 2021- Association of American Medical Colleges, Group on Diversity and Inclusion, member
- 2012-2021 AcademyHealth Disparities Interest Group: Immediate Past Chair (2021), Chair (2020), Vice Chair (2019), Advisory committee (2018-22), Annual Research Meeting lead (2018-2019)
- 2019- present AcademyHealth
- Paradigm Project: Innovative Incentives and Rewards for Social Impact Advisory group. June, 2021.
 - Comments for Advisory Committee for the Social Determinants of Health Caucus, U.S. House of Representatives. September, 2021.
 - Annual Research Meeting 2021. Theme Co-lead: Structural Racism, Disparities and Health Equity. 2020-2021
 - National Health Policy Conference 2021. Theme lead: Addressing Social Risks, Health Equity and Population Health. 2019-2021
 - Annual Research Meeting 2013, 2020. Theme abstract reviewer: Health Disparities.
- 2014 Member, Agency for Healthcare Research and Quality grant review panel.

Society memberships: *AcademyHealth*, *Association of American Medical Colleges Group on Diversity and Inclusion*, *American Public Health Association (2007-2014)*, *Gerontological Society of America (2014-2017)*, *Society of General Internal Medicine (2012-2016)*,

Reviewer (past 3 years): *Academic Medicine (ongoing)*, *Annals of Internal Medicine (2021)*, *Frontiers in Public Health (2023)*, *Health Affairs (ongoing)*, *Health Services Research (ongoing)*, *Health and Place (2022)*, *JAMA Health Forum (ongoing)*, *JAMA Network Open (ongoing)*, *Medical Education (ongoing)*, *Millbank Quarterly (2021)*, *Teaching and Learning in Medicine (2024)*

PUBLIC SERVICE

Expert Advisor: Media

1. Carroll L. Surgical residents experience racial, ethnic or religious discrimination often. *Reuters Health*, April 16, 2020.
2. Aguilar R, Razazan M. What's being done to protect the most vulnerable from COVID-19? *KALW San Francisco*. March 16, 2020.
3. Fields S. COVID-19 response complicated by inequities in health insurance, sick leave. *Marketplace*, March 6, 2020.
4. NPR Source of the Week. *National Public Radio*. February 18, 2020. <https://sources.npr.org/michelle-ko/>

Expert Advisor: Government institutions, Public testimony

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1. Member, Faculty Task Force, California Health Benefits Review Program. Cost Analysis Lead, 2016-2020.
2. Ponce N, Sheitler J, **Ko M**. Breaking the barriers to breast cancer care: exploring policy options. Legislative briefing with California Senate Senator Richard Pan. Sacramento, CA. January 12, 2017.
3. **Ko M**. Overview of trends in health system capacity and utilization in Los Angeles County. Impact of health facility and emergency room closures on access to care, California State Assembly Health Committee Informational Hearing. Los Angeles, CA. May 2, 2008.

Community Organizations

- 2023-present Solidarity Action Yolo, by Davis Phoenix Coalition: community member
- 2021-23 Marked By COVID: Public Health Advisor
- Advisor to national grassroots organization advocating for federal policies that center those most impacted by COVID-19
 - Assists with organizing and outreach to public health and academic professionals
 - Lead grant-writing on capacity-building and research grants
 - Development of Op-Eds and policy briefs
- 2020 Yolo County Food Bank: Volunteer, food delivery services
- 2015-2016 English Learner Advisory Committee, Benjamin Bubb Elementary School, Mountain View, California.
- 2015 The Linkage Lab, workshop leader, for an organizational development program to prepare community service organizations for partnerships with health care entities.