

# Edward Kong

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## EDUCATION

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### Harvard University

M.D. Harvard-MIT Health Sciences and Technology (HST) MD Program, 2026 (*expected*)

Ph.D. Economics, 2024

*Dissertation:* “Essays on the Economics of Pharmaceuticals and Infectious Disease”

*Committee:* David Cutler, PhD; Ariel Pakes, PhD; Mark Shepard, PhD; Timothy Layton, PhD

### Yale University

B.S. Economics and Biomedical Engineering, *magna cum laude*, 2016

## WORKING PAPERS

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- Kong, E., Layton, T., Shepard, M. “Adverse Selection and (Un)natural Monopoly” ([NBER Working Paper Series link](#)) (*R&R, Quarterly Journal of Economics*)
- Kong, E. & Zhao, Olivia\* (2023) “Market Incentives and the Drug Development Pipeline: Evidence from Antibiotics.” *SSRN* ([link](#), \**Job Market Paper for Olivia Zhao*)

## IN PROGRESS

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- “Geographic Heterogeneity in Treatment Uptake and Melanoma Mortality” with Steven T. Chen, Hensin Tsao, and Ryan Sullivan (*Revise and Resubmit, JAAD*)
- “The Economics of Psoriasis Treatment: Distributional Cost-Effectiveness of Biologics vs. Phototherapy” with Elizabeth Buzney (*Forthcoming, JAMA Dermatology*)
- “Tradeoffs in Antibiotic Stewardship: Resistance, Screening, and Mortality” with Erica S. Shenoy, Alyssa R. Letourneau, and David Kubiak (*In Review*)
- “The Value of Hospice Care: Evidence from Facility Openings” with Yunan Ji (*In preparation*)
- “Optimal Policy with Competing Externalities: Evidence from Antibiotics” (*In preparation*)

## PUBLICATIONS (*Health Economics*)

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- Dafny, L., Ho, K., & Kong, E. (2024). “How Do Copayment Coupons Affect Branded Drug Prices And Quantities Purchased?” *American Economic Journal: Economic Policy*, 16(3), 314-346.
- Kong, E., & Ji, Y. (2023). “Provision of Hospital Price Information After Increases in Financial Penalties for Failure to Comply with a US Federal Hospital Price Transparency Rule.” *JAMA Network Open*, 6(6) e2320694-e2320694.
- Ji, Y., & Kong, E. (2022). “US Hospital Characteristics Associated With Price Transparency Regulation Compliance.” *JAMA Health Forum*, 3(6), e221702-e221702.
- Kong, E., Shepard, M., & McIntyre, A. (2022). “Turnover in Zero-Premium Status Among Health Insurance Marketplace Plans Available to Low-Income Enrollees.” *JAMA Health Forum*, 3(4), e220674-e220674.

- **Kong, E** and Prinz, D. (2020). "Disentangling Policy Effects Using Proxy Data: Which Shutdown Policies Affected Unemployment During the COVID-19 Pandemic?" *Journal of Public Economics*, 189, 104257. ([paper download](#))
- **Kong, E.**, Beshears, J., Laibson, D., Madrian, B., Volpp, K., Loewenstein, G., Kolstad, J. and Choi, J.J., (2020). "Do physician incentives increase patient medication adherence?" *Health Services Research*, 55(4), pp. 503-511.

## **PUBLICATIONS (Clinical/Scientific Research)**

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- **Kong, E.**, & Mostaghimi, A. (2026). "The Role of Nurse Practitioners and Physician Assistants in Specialty Medication Prescribing within Dermatology." *JAMA dermatology*. Published Online Jan 14, 2026.
- **Kong, E.**, & Mostaghimi, A. (2025). Quantifying the Role of Specialty Medications in Medicare Part D Expenditures in Dermatology. *JAMA dermatology*, 161(10), 1007-1013.
- Gao, C., Gim, H., Qian, C., Park, S.-O., **Kong, E.**, Hou, K., Cook, B., Le, J., Stretton, B., Maddison, J., McCoy, L., Collins, L., Vanlint, A., Goh, R., Arnold, M., Paul, A., Reda, H., Kaplan, T., Gheihman, G., Bacchi, S. (2025) "Large language models provide appropriate and timely narrative feedback as compared to experts for neurology case-based learning: A pilot study" (*Submitted*)
- Ladant, F. X., Parc, Y., Roupert, M., **Kong, E.**, Ristovska, L., Retbi, A., Chartier-Kastler, E., Assouad, J., Etienne, H., Sautet, A., Mardon, V., Scrumeda, M., Diallo, A., Hédou, J., Rufat, P., & Verdonk, F. (2025). "The hidden costs of surgical complications, a retrospective cohort study" *BMJ Surgery, Interventions, & Health Technologies*, 7(1), e000323.
- Hsia, K., & **Kong, E.** (2022). "Characterizing the Reaction of Doctors to COVID-19 on Twitter." *Journal of Quantitative Description: Digital Media*, 2.
- Linnér, R. K., Biroli, P., **Kong, E.**, Meddens, S. F. W., Wedow, R., Fontana, M. A., ... Beauchamp, J. P. (2019). "Genome-wide association analyses of risk tolerance and risky behaviors in over one million individuals identify hundreds of loci and shared genetic influences." *Nature Genetics*, 51(2), 245-257.
- Lee, J. J., Wedow, R., Okbay, A., **Kong, E.**, Maghzian, O., ... Laibson, D., Yang, J., Johannesson, M., Koellinger, P. D., Turley, P., Visscher, P. M., Benjamin, D. J., Cesarini, D. (2018). "Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals." *Nature Genetics*, 50(8), 1112–1121.
- Kim, C.-Y., Wiznia, D. H., Averbukh, L., Torres, A., Kong, E., Kim, S., & Leslie, M. P. (2016). "PROMIS Computer Adaptive Tests Compared With Time to Brake in Patients With Complex Lower Extremity Trauma." *Journal of Orthopaedic Trauma*, 30(11), 592–596.

## **CONFERENCE PRESENTATIONS & INVITED TALKS**

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2025

- Atlantic Dermatologic Conference (Clinical Case Author). May 2-4. *Boston, MA*

2024

- Congressional Budget Office (CBO). Industrial Organization Seminar. *Washington, DC*
- CEPR Health Economics Conference. June 19-20. *Toulouse, France*.

2023

- IDweek, October 14-15. *Boston, MA*
- CEPR Health Economics Conference. June 19-20. *Toulouse, France*.
- ASHEcon Annual Meeting. June 11-14. *St. Louis, MO*.

## **CONFERENCE PRESENTATIONS & INVITED TALKS (cont.)**

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2023 (cont.)

- Highland Health Economics Symposium. June 4-6. *Oban, Scotland*.
- American Economic Association (AEA) Annual Meeting. January 7. *New Orleans, LA*.

2022

- NBER Summer Institute, Health Care Session. “How Do Copayment Coupons Affect Branded Drug Prices and Quantities Purchased?” July 28-29. *Cambridge, MA*.

2017-2021

- ASHEcon Annual Meeting. June 2021. Virtual due to COVID-19
- Integrating Genetics and the Social Sciences (IGSS). October 2017. *Boulder, Colorado*.
- Behavior Genetics Association (BGA) Annual Meeting. July 2017. *Oslo, Norway*.

## **PROFESSIONAL SERVICE**

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- Reviewer: *JAAD, Quarterly Journal of Economics, Economic Journal, Journal of the European Economic Association, Journal of Public Economics, Journal of Human Resources, Proceedings of the National Academy of Sciences, Epidemiologic Reviews, Demography*.

## **TEACHING/MENTORSHIP/LEADERSHIP**

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- Teaching Fellow, ECON980W “Economics of Health Care Policy,” Harvard University (Fall 2023, Spring 2024). As the teaching fellow for professor Ariel Pakes, developed the syllabus for this junior seminar. Led class discussions and provided one-on-one support for undergraduate students.
- Tutor, Lowell House, Harvard University (Spring 2020—present). Provide career mentorship and recommendation letters for undergraduates applying to medical and graduate school
- President (formerly Treasurer), Yale Engineers Without Borders (2013-2016). Secured a \$10,000 Alcoa foundation grant and co-led efforts to build a 20,000-liter water storage tank and multi-kilometer pipeline in Roh, Cameroon, culminating in on-site fieldwork and public health outreach.
- President (formerly Treasurer), Yale iGEM (International Genetically Engineered Machine) Team (2013-2015). Led fundraising efforts to secure over \$20,000 in research support and directed team operations, including recruitment, outreach, and logistics, for synthetic biology projects presented at MIT.

## **EMPLOYMENT**

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2016 – 2018 Post-Baccalaureate Fellow, Harvard Department of Economics / NBER; Cambridge, MA  
2015 – 2016 Research Assistant, Yale Department of Economics; New Haven, CT  
2014 – 2015 Clinical Research Assistant, YNHH Dept. of Orthopedics and Rehabilitation; New Haven, CT  
2013 – 2014 Research Assistant, Yale Department of Psychiatry; New Haven, CT

## **FUNDING**

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### Current:

9/2024 – 8/2026 “The Impact of Hospice Care on the Wellbeing of Alzheimer's Disease Patients and Their Family Members”  
NIA R03-AG088983, \$200,000 (direct)  
PI: Yunan Ji. Co-I: **Edward Kong**

Past:

2021 Lab for Economic Applications and Policy (LEAP) grant (\$6,069); with Yunan Ji  
2020 Pershing Square Fund for Research on the Foundations of Human Behavior (\$5,000); with Shresth Garg  
2020 Warburg Fund (\$3,000); with Shresth Garg

**HONORS/AWARDS**

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2024 Royal Economic Society Referee Prize, *The Economic Journal* (awarded Jan 2024). Selected as one of 14 recipients out of all referees for the journal's 2023 volume, in recognition of outstanding peer review  
2016 Charles H. Dickerman Memorial Prize (best undergraduate senior thesis), Yale Economics Department  
2016 Phi Beta Kappa, Yale University  
2016 Julia Vance and Jason Carter Travel Fellowship, Yale Engineers Without Borders  
2015 Tau Beta Pi (top 12.5% of juniors in engineering), Yale University  
2015 Richter Fellowship, Yale University  
2013 Richard U. Light Fellowship, Yale University  
2012 Valedictorian, The Pingry School

**MISCELLANEOUS**

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**Computing:** SAS, Julia, R, MATLAB, Python, Java, STATA, Unix

**Citizenship:** USA

**Languages:** Mandarin (functional proficiency); Spanish (basic)

**Hobbies and Interests:**

- Recurve archery (MIT Club Archery Team; 2023-present; Treasurer 2025-present)
- Yale Division I Varsity Sabre Fencer (2012-2016)