

Scott S. Lee

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Education

Postgraduate Training:

Resident in Internal Medicine (Primary Care Track), Brigham and Women's Hospital, 2015-2018.

Graduate School:

Harvard Business School and Harvard Graduate School of Arts and Sciences. Doctor of Philosophy (Ph.D.), Health Policy, 2009-2015.

Dissertation: "Three Field Experiments on Incentives for Health Workers"

Committee: Nava Ashraf, Paul Farmer, Michael Kremer, Andrew Weiss

Harvard Medical School. Doctor of Medicine (M.D.), 2006-2015.

Princeton University, School of Public and International Affairs. Master of Public Administration (M.P.A.), with Distinction, Development Studies, 2004-2006.

University of Cambridge. Master of Philosophy (M.Phil.), with Highest Honors, Environment and Development, 2003-2004.

College:

Harvard College. Bachelor of Arts (A.B.), *summa cum laude*, Anthropology and Comparative Study of Religion, 1999-2003.

Academic Appointments

Assistant Professor of Medicine, Vanderbilt University Medical Center, 2018-Present.

Faculty Affiliate, Vanderbilt Center for Addiction Research, 2022-Present.

Faculty Affiliate, Vanderbilt Clinical Informatics Center, 2021-Present.

Faculty Affiliate, Vanderbilt Institute for Global Health, 2018-Present.

Clinical Appointments

Staff Physician, Vanderbilt University Medical Center, 2018-Present.

Licensure and Certification

Medical Licenses:

Tennessee, 2018-Present.

Massachusetts, 2015-2020.

Board Certifications:

American Board of Internal Medicine, 2018-Present.

Previous Employment

President, Common Hope for Health, 2006-2018.

Policy Analyst, World Health Organization, Department of HIV/AIDS, 2005.

Professional Organizations

Member, Society for Research on Nicotine and Tobacco, 2020-Present.

Member, AcademyHealth, 2019-Present.

Member, Society of Behavioral Medicine, 2019-Present.

Member, American Economic Association, 2017-Present.

Research Network Member, Innovations for Poverty Action, 2012-Present.

Affiliate, Institute for Quantitative Social Science, Harvard University, 2012-2018.

Professional Activities

Intramural:

Chair, Data Safety and Monitoring Board, Effects of a Novel, Scalable, and Sustainable Patient Portal Intervention on Diabetes-Related Outcomes: A Pragmatic Randomized Controlled Trial (R01DK131129; PI: Martinez), 2024-Present.

Chair, Recruitment Committee, Brigham and Women's Hospital Internal Medicine Residency, 2017-2018.

Co-Chair, Curriculum Committee, Brigham and Women's Hospital Internal Medicine Residency, 2017-2018.

Non-Resident Tutor in Medicine, Harvard College, 2006-2010.

Graduate Research Assistant, Michael Kremer (Nobel Prize in Economics, 2019), Harvard University, 2009-2011.

Extramural:

Ad Hoc Reviewer, *Oxford Bulletin of Economics and Statistics*, 2022-Present.

Ad Hoc Reviewer, *Review of Economics and Statistics*, 2017-Present.

Ad Hoc Reviewer, *Journal of Development Economics*, 2017-Present.

Ad Hoc Reviewer, *Journal of Economic Behavior and Organization*, 2015-Present.

Ad Hoc Reviewer, *Healthcare: The Journal of Delivery Science and Innovation*, 2014-Present.

Ad Hoc Reviewer, USAID Development Innovation Ventures, 2012-2025.

Ad Hoc Reviewer, Innovations for Poverty Action, Institutional Review Board, 2014-Present.

Adviser, Ugunja Community Resource Center (Ugunja, Kenya), 2001-2018.

Policy Analyst, World Health Organization, Department of HIV/AIDS (Geneva, Switzerland), 2005.

Research Assistant, Partners In Health (Boston, MA), 2000-2003.

Teaching Activities

Preceptor, Foundations of Physician Responsibility (formerly Foundations of Healthcare Delivery): Immersion Phase. Vanderbilt University School of Medicine. 2019-2024.

Guest Lecturer, PUBH 5510: Measurement and Analysis for Healthcare Improvement. Vanderbilt University School of Medicine. 2023.

Preceptor, Resident Elective in Hospital Medicine. Vanderbilt University Medical Center. 2021-2024.

Preceptor, IDIS 5635: High-Value Care: In Policy and In Practice. Vanderbilt University School of Medicine. 2020-2024.

Residency didactic talks (6-8 clinical topics per year). Brigham and Women's Hospital. 2015-2018.

Guest Lecturer, LM600: The Physician as Leader. Harvard Medical School. Spring 2015, Spring 2016.

Teaching Fellow, Economics 1460: The Economics of Health Care Policy. Harvard University Graduate School of Arts and Sciences. Spring 2013. TF Rating: 5.0/5.0 (all TF mean: 4.34/5.0).

Preceptor, Medicine Sub-Internship. Harvard Medical School. 2015-2018.

Preceptor, Core Medicine Rotation. Harvard Medical School. 2015-2018.

Special Awards or Recognition for Professional Activities

Challenge on Integrating Healthcare System Data with Systematic Review Findings, Phase 1 Winner (\$50,000 prize), Agency for Healthcare Research and Quality, 2023.

Kenneth J. Arrow Award for best paper in health economics published annually, International Health Economics Association, 2021.

Paul and Daisy Soros Fellowship for New Americans, 2007-2009.

Dean's Community Service Award, Harvard Medical School, 2008.

Gates Cambridge Scholarship, 2003-2004.

Phi Beta Kappa, Harvard College, 2003.

Thomas Temple Hoopes Prize, Harvard College, 2003.

W.E.B. DuBois Prize for top student in African Studies, Harvard College, 2003.

Rudolph Virchow Prize for top undergraduate thesis, Society for Medical Anthropology, 2003.

John Harvard Scholarship, Harvard College, 2000-2003.

Research Grants

Active Grant Awards:

1. Measuring and Modifying Delay Discounting as a Mechanism of Smoking in Pregnancy. Ko8DA058046 (PI: Lee). 75% effort. 2024-2027.

Completed Grant Awards:

1. Metabolism-Informed Smoking Treatment in Medicaid and Medicare Patients: The MIST RCT. R01CA232516 (PI: Tindle). 2% effort. 2020-2024.
2. Vanderbilt Scholars in T4 Translational Research (V-STTaR). K12-HL137943 (PI: Kripalani, Roumie). 75% effort. 2019-2022.
3. Recruiting and Motivating Community Health Workers: A Nationwide Household Survey (MPI: Lee, Ashraf, Bandiera). United States Agency for International Development. \$898,902. 2015-2017.

4. Nationwide Household Survey to Evaluate the Impact of Zambia's National Community Health Worker Program (MPI: Lee, Ashraf, Bandiera). International Growth Center. \$118,820. 2014-2016.
5. Impact of Community-Based Early Childhood Development Screening on Child Health and Development in Kenya (PI: Lee). Grand Challenges Canada, Saving Brains Initiative. \$270,000. 2013-2015.
6. Impact of Intrinsic Incentives on the Performance of Community Health Workers in India (PI: Lee). Weiss Fund for Research in Development Economics. \$33,912. 2013-2015.
7. Impact of Non-Monetary Incentives on the Performance of Health Trainees in Zambia. USAID Development Innovation Ventures. \$100,000. 2012-2014. Co-Principal Investigator, 20% effort.
8. Impact of Worker Autonomy and Empowerment on the Performance of Community Health Workers in Zambia (MPI: Lee, Ashraf, Bandiera). Abdul Latif Jameel Poverty Action Lab. \$250,000. 2012-2014.
9. Developing a Mobile Phone Platform for Community Health Workers in India and Kenya (PI: Lee). Massachusetts General Hospital, Center for Global Health. \$100,000. 2012-2014.
10. Impact of Career Incentives on the Selection and Performance of Health Workers in Zambia (MPI: Lee). International Growth Center. \$369,448. 2010-2013.

Publications

(† Denotes equal contribution to work)

(* Denotes alphabetical co-authorship and equal contribution to work)

Articles in Refereed Journals:

1. Nagawa CS, Rigotti NA, Chang Y, Levy DE, Streck JM, Ylioja T, Lee SS, Tindle HA. "Association between Smoking Abstinence and Depression and Anxiety Symptoms After Hospital Discharge: The Helping HAND 4 Trial," *Journal of Addiction Medicine*, August 2024, 19(1): 4-11. PMCID: 11790387.
2. Lee SS,† Senft Everson N,† Sanderson M, Selove R, Blot WJ, King S, Gilliam K, Kundu S, Steinwandel M, Sternlieb SJ, Cai Q, Warren Andersen S, Friedman DL, Connors Kelly E, Fadden MK, Freiberg MS, Wells QS, Canedo J, Tyndale RF, Young RP, Hopkins RJ, Tindle HA. "Feasibility of Precision Smoking Treatment in a Low-Income Community Setting: Results of a Pilot Randomized Controlled Trial in the Southern Community Cohort Study," *Addiction Science & Clinical Practice*, March 2024, 19(16): 3-12. PMCID: 10941447.
3. Lee SS, French B, Balucan F, McCann MD, Vasilevskis EE. "Characterizing Hospitalization Trajectories in the High-need, High-cost Population Using Electronic Health Record Data," *Health Affairs Scholar*, December 2023, 1(6): 1-7. PMCID: 10986247.
4. Lee SS, Chang Y, Rigotti NA, Singer DE, Levy DE, Tyndale RF, Davis EM, Freiberg MS, King S, Wells QS, Tindle HA. "Can Treatment Support Mitigate Nicotine Metabolism-Based Disparities in Smoking Abstinence? Secondary Analysis of the Helping HAND 4 Trial," *Nicotine & Tobacco Research*, September 2023, 25(9): 1575-1584. PMCID: 10439488.
5. Bernstein EY, Chang Y, Levy DE, Baggett TP, Lee SS, Tindle HA, Rigotti NA. "Tobacco-Related Disease, Health Beliefs, and Post-hospital Tobacco Abstinence," *American Journal of Preventive Medicine*, May 2023: 792-799. PMCID: 10592560.
6. Senft Everson N, Klein WMP, Lee SS, Selove R, Sanderson M, Blot WJ, Tyndale RF, King S, Gilliam K, Kundu S, Steinwandel M, Sternlieb SJ, Warren Andersen S, Friedman DL, Connors E, Fadden MK, Freiberg MS, Wells QS, Canedo J, Young RP, Hopkins RJ, Umeukeje EM, Griffith D, Tindle HA. "Dispositional Optimism and Optimistic Bias: Associations with Cessation Motivation, Confidence, and Attitudes," *Health Psychology*, September 2022, 41(9): 621-629. PMCID: 9830640.

7. Lee SS, with Ashraf N, Bandiera O, Davenport E.* [“Commentary on “Promising Careers? A Critical Analysis of a Randomised Control Trial in Community Health Worker Recruitment in Zambia,” by James Wintrup, *Social Science and Medicine*, January 2022, 292\(114531\): 1-4. PMID: 8967372.](#)
8. Murff HJ, Greevy RA, Sanghani RS, Hartmann KE, Hartert TV, Graves CR, Lee SS, Tindle HA. [“Investigating N-3 Fatty Acids to prevent Neonatal Tobacco-related outcomeS \(INFANTS\): study protocol for a double-blind, randomized, placebo-controlled parallel clinical trial of n-3 polyunsaturated fatty acids in pregnant smokers,” *Trials*, December 2021, 22\(922\): 1-11. PMID: 8669400.](#)
9. Rigotti NA, Chang Y, Regan S, Lee SS, Kelley JH, Davis E, Levy DE, Singer D, Tindle HA. [“Cigarette Smoking and Risk Perceptions During the COVID-19 Pandemic Reported by Recently Hospitalized Participants in a Smoking Cessation Trial,” *Journal of General Internal Medicine*, June 2021, 36\(12\): 3786-3793. PMID: 8183588.](#)
10. Lee SS, with Ashraf N, Bandiera O, Davenport E.* [“Losing Prosociality in the Quest for Talent?: Sorting, Selection, and Productivity in the Delivery of Public Services,” *American Economic Review*, May 2020, 110\(5\): 1355-1394. Awarded **Kenneth J. Arrow Award** for best paper in health economics published annually.](#)
11. Eberly LA, Richterman A, Beckett AG, [et al., including Lee SS]. [“Identification of Racial Inequities in Access to Specialized Inpatient Heart Failure Care at an Academic Medical Center,” *Circulation: Heart Failure*, November 2019, 12\(11\): e006214. PMID: 7183732.](#)
12. Lee SS and Vedanthan R. [“Beyond Sharing and Shifting: Raising the Bar for Global Rheumatic Heart Disease Control,” *Global Heart*, September 2019, 14\(3\): 265-267. PMID: 31113732.](#)
13. Whidden C, Kayentao K, Liu JX, Lee SS, Keita Y, Diakité D, Keita A, Diarra S, Edwards J, Yembrick A, Holeman I, Samaké S, Johnson A. [“Improving Community Health Worker Performance Using a Supervision mHealth Visual Dashboard Tool: A Randomized Controlled Trial,” *Journal of Global Health*, December 2018, 8\(2\): 1-13. PMID: 6162089.](#)
14. DeRenzi B, Dell N, Wacksman J, Lee SS, Lesh N. [“Supporting Community Health Workers in India through Voice- and Web-Based Feedback,” *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems*, May 2017: 2770-2781.](#)
15. DeRenzi B, Wacksman J, Dell N, Lee SS, Lesh N, Borriello G, Ellner A. [“Closing the Feedback Loop: A 12-month Evaluation of ASTA, a Self-Tracking Application for ASHAs,” *Proceedings of the Eighth International Conference on Information and Communication Technologies and Development*, June 2016, 22: 1-10.](#)
16. Lee SS, with Ashraf N, Bandiera O.* [“Awards Unbundled: Evidence from a Natural Field Experiment,” *Journal of Economic Behavior and Organization*, April 2014, 100: 44-63.](#)
17. Palazuelos D, Ellis K, Im DD, Peckarsky M, Schwarz D, Farmer DB, Dhillon R, Johnson A, Orihuela C, Hackett J, Bazile J, Berman L, Ballard M, Panjabi R, Ternier R, Slavin S, Lee SS, Selinsky S, Mitnick CD. [“5-SPICE: The Application of an Original Framework for Community Health Worker Program Design, Quality Improvement, and Research Agenda-Setting,” *Global Health Action*, April 2013, 6\(1\): 1-12. PMID: 3617878.](#)

Books, Book Chapters, Invited Review Articles:

1. Porter M, Lee SS, Rhatigan J, Kim JY. [“Partners In Health: HIV Care in Rwanda,” *Harvard Business School Case* 709-474, 2010.](#)
2. Ellner A, Pace C, Lee SS, Weigel J, Farmer P. [“Embracing Complexity: Towards Integrated Biosocial Platforms for Health Service Delivery,” In *Structural Approaches in Public Health*, Marni Sommer and Richard Parker, Eds. Routledge Press, 2013.](#)

Manuscripts Under Review:

1. **Lee SS**, Westergard S, Balucan FS, McCann MD, Holmes, MD, Vasilevskis EE. "The Primary Hospital Provider: Creating Care Continuity for Recurrent Hospitalizations in the High-Need Population," 2025, 1-12.
2. **Lee SS**. "Intrinsic Incentives: A Field Experiment on Leveraging Intrinsic Motivation in Public Service Delivery," 2025, 1-44.

Presentations at Scientific Meetings

1. American Psychological Association, Annual Meeting (invited), August 2025.
2. College on Problems of Drug Dependence, Annual Meeting (invited), June 2025.
3. Society for Research on Nicotine and Tobacco, Annual Meeting, 2022.
4. Vanderbilt University Medical Center, Neilson Society, 2021.
5. Vanderbilt University Medical Center, Center for Health Services Research, 2021.
6. Vanderbilt University Medical Center, Center for Clinical Quality and Implementation Research, 2021.
7. Vanderbilt University Medical Center, Center for Clinical Quality and Implementation Research, 2020.
8. Vanderbilt University Medical Center, Division of General Internal Medicine and Public Health, Grand Rounds, 2020.
9. Vanderbilt University Medical Center, Division of General Internal Medicine and Public Health, Grand Rounds, 2018.
10. University of Pennsylvania, Department of Medicine, Division of Medical Ethics and Health Policy, 2018.
11. Vanderbilt University, Vanderbilt Institute for Global Health, 2018.
12. Northeast Universities Development Consortium, Annual Meeting, 2017.
13. Harvard University Department of Economics, Development Economics Seminar, 2017.
14. Harvard Medical School Department of Health Care Policy, 2015.
15. Harvard University, Department of Economics, Organizational Economics Seminar, 2014.
16. Harvard University Department of Economics, Development Economics Seminar, 2014.
17. World Bank, Development Impact Evaluation Group, 2014.
18. Harvard Medical School, Department of Health Care Policy, 2013.