

Ari Lerner

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EDUCATION

Ph.D. Operations, Yale University, *expected* 2028
B.S. Mathematics, Tufts University, 2021

RESEARCH INTERESTS

Mathematical modeling for biodiversity, sustainability, and conservation planning.

PUBLICATIONS

Journal Articles

- 2024 Donington J, Hu X, Zhang S, Song Y, Arunachalam A, Chirovsky D, Gao C, **Lerner A**, Jiang A, Signorovitch J, Samkari A. “Real-World Neoadjuvant Treatment Patterns and Outcomes in Resected Non-Small-Cell Lung Cancer.” *Clin Lung Cancer*. 2024 Mar 22:S1525-7304(24)00041-X. doi: 10.1016/j.clcc.2024.03.006. PMID: 38627155
- 2023 Donington J, Hu X, Zhang S, Song Y, Arunachalam A, Chirovsky D, Gao C, **Lerner A**, Jiang A, Signorovitch J, Samkari A. “Event-Free Survival as a Predictor of Overall Survival and Recurrence Burden of Patients with Non-Small Cell Lung Cancer Receiving Neoadjuvant Therapy.” *J Thorac Cardiovasc Surg*. 2023 Dec 11:S0022-5223(23)01193-5. doi: 10.1016/j.jtcvs.2023.12.006. PMID: 38092284
- 2023 West H, Hu X, Zhang S, Song Y, Chirovsky D, Gao C, **Lerner A**, Jiang A, Signorovitch J, Samkari A. “Evaluation of disease-free survival as a predictor of overall survival and assessment of real-world burden of disease recurrence in resected early-stage non-small cell lung cancer.” *J Manag Care Spec Pharm*. 2023 Jul;29(7):749-757. doi: 10.18553/jmcp.2023.29.7.749. PMID: 37404067; PMCID: PMC10387987
- 2023 West H, Hu X, Zhang S, Song Y, Chirovsky D, Gao C, **Lerner A**, Jiang A, Signorovitch J, Samkari A. “Treatment Patterns and Outcomes in Resected Early-stage Non-small Cell Lung Cancer: An Analysis of the SEER-Medicare Data.” *Clin Lung Cancer*. 2023 May;24(3):260-268. doi: 10.1016/j.clcc.2022.12.005. Epub 2022 Dec 25. PMID: 36641325
- 2020 Alves K, **Lerner A**, Silva G, Katz J. “Surgical Implant Generation Network Implant Follow-up: Assessment of Squat and Smile and Fracture Healing.” *J Orthop Trauma*. 2020; 34(4):174-179. PMID: 31652187
- 2019 Qudsi R, Selzer F, Hill S, **Lerner A**, Hippolyte J, Jacques E, Alexis F, May C, Cady R, Losina E. “Clinical outcomes and risk-factor analysis of the Ponseti Method in a low-resource setting: Clubfoot care in Haiti.” *PLoS One*. 2019; 14(3):e0213382. PMID: 30870447

Abstracts

- 2022 Thach A, Zichlin M, Peddle M, Du M, **Lerner A**, Kirson N, Bowling A, Mehta D, Williams R. “Systematic Literature Review of Key Outcomes Used to Assess Adjunctive Treatments for Parkinson’s Diseases.” *Mov Disord*. 2022; 37 (suppl 2)

HONORS

- 2025 Yale Planetary Solutions Doctoral Fellowship
- 2021 The Maxine N. Gordon J70 Book Prize, awarded to a mathematics major who has demonstrated a love of reading, literature and poetry

PROFESSIONAL EMPLOYMENT

- 2023 Senior Analyst, Analysis Group; Boston, MA
- 2021-22 Analyst, Analysis Group; Boston, MA
- 2020 Analyst Intern, Analysis Group; Boston, MA
- 2019 Research Intern, Department of Defense; Springfield, VA
- 2018-19 Research Assistant, Developmental Technologies Group; Medford, MA
- 2015-18 Research Intern, The Orthopaedic and Arthritis Center for Outcomes Research; Boston, MA

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