

**HSI Researcher Academic Publications FY 2025**

**July 1, 2024 – June 30, 2025**

| Researcher                             | HSI Co-Author                      | Publication                                | Publication Title  |
|--|------------------------------------|--|--|
| <a href="#">Sinan Aral</a>             |                                    | arXiv working paper                        | <a href="#">Collaborating with AI Agents: Field Experiments on Teamwork, Productivity, and Performance</a>                             |
| <a href="#">Dimitris Bertsimas</a>     |                                    | Informs Mgmt Science                       | <a href="#">Hospital-Wide Inpatient Flow Optimization</a>  |
| <a href="#">Dimitris Bertsimas</a>     | <a href="#">Nikolaos Trichakis</a> | Operations Research                        | <a href="#">Reshaping National Organ Allocation Policy</a>   |
| <a href="#">Dimitris Bertsimas</a>     |                                    | The Annals of Thoracic Surgery             | <a href="#">Congenital Heart Surgery Machine Learning-derived In-depth Benchmarking Tool</a>   |
| <a href="#">Dimitris Bertsimas</a>     |                                    | Management Science                         | <a href="#">Hospital-Wide Inpatient Flow Optimization</a>  |
| <a href="#">Dimitris Bertsimas</a>     |                                    | Nature: NPJ Digital Medicine               | <a href="#">The R.O.A.D. to Precision Medicine</a>   |
| <a href="#">Dimitris Bertsimas</a>     |                                    |  | <a href="#">The Analytics Edge in Healthcare</a>   |
| <a href="#">Yaminette Diaz-Linhart</a> |                                    | American Journal of Public Health          | <a href="#">Engaging low-wage workers in health and well-being survey research: strategies from five occupational studies</a>          |
| <a href="#">Yaminette Diaz-Linhart</a> |                                    | Academy of Mgmt Proceedings 2025           | <a href="#">Worker Organizing in Healthcare: Professionalization as a Stage for Collective Voice</a>                                   |
| <a href="#">Yaminette Diaz-Linhart</a> | <a href="#">Thomas Kochan</a>      | British Journal of Industrial Relations    | <a href="#">Does Voice Gap Influence Workers' Job Attitudes and Well-Being? Measuring Voice as a Dimension of Job Quality</a>          |
| <a href="#">Joseph Doyle</a>           |                                    | National Bureau of Economic Research       | <a href="#">Mean Reversion in Randomized Controlled Trials: Implications for Program Targeting and Heterogeneous Treatment Effects</a> |
| <a href="#">Joseph Doyle</a>           |                                    | American Economic Journal: Economic Policy | <a href="#">Physician Group Influences on Treatment Intensity and Health: Evidence from Physician Switchers</a>                        |
| <a href="#">Mohammad Jalali</a>        |                                    | SSRN                                       | <a href="#">Proposed Cuts to the National Institutes of Health: A Systems Analysis of Tradeoffs</a>                                    |
| <a href="#">Mohammad Jalali</a>        |                                    | Quality of Life Research                   | <a href="#">Health-related quality of life dynamics: modeling insights from immunotherapy</a>  |
| <a href="#">Jónas Jónasson</a>         | <a href="#">Erez Yoeli</a>         | arXiv working paper                        | <a href="#">Randomized Controlled Trials of Service Interventions: The Impact of Capacity Constraints</a>                              |

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| <a href="#">Kate Kellogg</a>    |               | PLoS One                               | <a href="#">Development and preliminary testing of Health Equity Across the AI Lifecycle (HEAAL): A framework for healthcare delivery organizations to mitigate the risk of AI solutions worsening health inequities</a> |
| <a href="#">Kate Kellogg</a>    |               | An MIT Exploration of Generative AI    | <a href="#">Implementing Generative AI in U.S. Hospital Systems</a>  |
| <a href="#">Erin Kelly</a>      |               | Washington Center for Equitable Growth | <a href="#">America's Job-quality Crisis and How to Revive Workers' Pay, Dignity, Job Advancement, and Economic Well-Being</a>   |
| <a href="#">Erin Kelly</a>      |               | PLOS One                               | <a href="#">The Fulfillment Center Intervention Study: Protocol for a group-randomized control trial of a participatory workplace intervention</a>   |
| <a href="#">Erin Kelly</a>      |               | Journal of Management Inquiry          | <a href="#">The crisis of care: a curated discussion</a>   |
| <a href="#">Erin Kelly</a>      |               | Social Forces                          | <a href="#">Points of departure: family leave policy and women's representation in management in US workplaces</a>   |
| <a href="#">Tong Liu</a>        |               |  | <a href="#">Private Equity in Healthcare</a>   |
| <a href="#">Tong Liu</a>        |               | Working Paper                          | <a href="#">The Effects of Hospital System Ownership on Bargaining, Markups, and Pass-through</a>  |
| <a href="#">Andrew Lo</a>       |               | Nature: Nature Medicine                | <a href="#">How to Pay for Individualized Genetic Medicines</a>  |
| <a href="#">Andrew Lo</a>       |               | Journal of Portfolio Mgmt              | <a href="#">Applications of Portfolio Theory to Accelerating Biomedical Innovation</a>   |
| <a href="#">Andrew Lo</a>       |               | PLoS One                               | <a href="#">How Does News Affect Biopharma Stock Prices?: An Event Study</a>   |
| <a href="#">Andrew Lo</a>       |               | Orphanet Journal of Rare Diseases      | <a href="#">A Father's Crusade in Rare Disease Drug Development: A Case Study of Elpida Therapeutics and Melpida</a>   |
| <a href="#">Andrew Lo</a>       |               | PLoS One                               | <a href="#">Financing Drug Development Via Adaptive Platform Trials</a>  |
| <a href="#">Georgia Perakis</a> |               | Annals of Emergency Medicine           | <a href="#">A Granular View of Emergency Department Length of Stay: Improving Predictive Power and Extracting Real-Time, Actionable Insights</a>   |
| <a href="#">Georgia Perakis</a> |               | Working Paper                          | <a href="#">A Data-Driven, Interpretable, Risk-Aware Framework for Clinical Decision-Making under Limited Resources</a>  |
| <a href="#">Georgia Perakis</a> |               | Working Paper                          | <a href="#">Optimal Prescriptive Treatments for Ovarian Cancer with Genetic Data</a>   |

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| <a href="#">Georgia Perakis</a>  |                            | Production and Operations Management | <a href="#">A Granular Approach to Optimal and Fair Patient Placement in Hospital Emergency Departments</a>                        |
| <a href="#">Hahzir Rahmandad</a> | <a href="#">Erin Kelly</a> | SSRN: Working Paper                  | <a href="#">Can Involving Employees Reduce Turnover? A field Experiment on Employee Voice and Exit</a>                             |
| <a href="#">Nikos Trichakis</a>  |                            | Transplantation                      | <a href="#">Modernizing the Design Process for US Organ Allocation Policy: Toward a Continuous Distribution Policy for Kidneys</a> |
| <a href="#">Catherine Tucker</a> |                            | SSRN: Working Paper                  | <a href="#">The Chilling Effect of Dobbs: A Study of Mobile Health Apps Usage</a>  |
| <a href="#">Catherine Tucker</a> |                            | Academy of Management                | <a href="#">Trade-offs in automating platform regulation by algorithm: evidence from a health emergency</a>                        |
| <a href="#">Roy Welsch</a>       |                            | Frontiers in Bioinformatics          | <a href="#">Quantification of Muscle Fiber Malformations Using Edge Detection to Investigate Chronic Muscle Pressure Ulcers</a>    |