Alexandre Jacquillat

Sloan School of Management
Massachusetts Institute of Technology
77 Massachusetts Avenue, Cambridge, MA 02139

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PROFESSIONAL EXPERIENCE

Massachusetts Institute of Technology, Sloan School of Management, Cambridge, MA
George Maverick Bunker Professor of Management Chair
Associate Professor of Operations Research and Statistics 2023–present
Assistant Professor of Operations Research and Statistics 2019–2023

Carnegie Mellon University, Pittsburgh, PA 2016–2019
Heinz College of Information Systems and Public Policy
Tepper School of Business, Operations Management
Assistant Professor of Operations Research and Public Policy

McKinsey & Co., Boston, MA, Associate 2015–2016

EDUCATION

Ph.D., MIT, Engineering Systems Division 2015
Master of Science, MIT, Technology and Policy Program 2012
Master of Science, École Polytechnique, Applied Mathematics 2012

SAMPLE RESEARCH PRIZES

- INFORMS Transportation Science & Logistics Society, Stella Dafermos Mid-Career Award (2026)
- INFORMS Donald P. Gaver, Jr. Early Career Award for Excellence in Operations Research (2025)
- Runner-up, INFORMS Transportation Science & Logistics Best Paper Prize (2025)
- Winner, INFORMS Air Transportation Section Best Paper Prize (2024)
- Winner, Harold W. Kuhn Award, best paper over three years in *Naval Research Logistics* (2024)
- Winner, INFORMS Computing Society Harvey Greenberg Research Award (2023)
- Winner, *Transportation Science* Journal Paper of the Year (2023)
- Winner, INFORMS Transportation Science & Logistics Best Paper Prize (2021)
- Winner, INFORMS Air Transportation Section Best Paper Prize (2021)
- Winner, INFORMS Air Transportation Section Best Paper Prize (2020)
- Winner, Pierskalla Award, INFORMS Health Applications Society (2020)
- Winner, Best Applied Paper, INFORMS Workshop on Data Mining and Decision Analytics (2020)
- Winner, INFORMS Transportation Science & Logistics Outstanding Paper, Air Transportation (2019)
- Winner, INFORMS Transportation Science & Logistics Best Paper Prize (2017)
- Winner, INFORMS George B. Dantzig Dissertation Award (2015)
- Winner, INFORMS Transportation Science & Logistics Dissertation Prize (2015)
- Winner, Milton Pikarsky Memorial Award for Best PhD Dissertation in transportation science and technology, Council of University Transportation Centers (2015)

TEACHING PRIZES

- MIT Jamieson Prize for Excellence in Teaching (2023)
- Teaching with Digital Technology Award, MIT (2020)
- Outstanding Teacher Award, MIT Sloan School of Management (2020)

OTHER HONORS AND AWARDS

- *Transportation Science* Meritorious Service Award, Associate Editor (2021, 2025)
- Named in list of Leading Academic Data Leaders from the Chief Data Officer Magazine (2021, 2022)
- Medal L.E. Rivot from the French Academy of Science for the best undergraduate contribution in Mathematics and Economics (2010)

STUDENT AWARDS

- A. Schmid: Winner, INFORMS Transportation Science & Logistics Dissertation Award (2026)
- S. Karam: Finalist, INFORMS Transportation Science & Logistics Best Student Paper (2026)
- A. Schmid: Finalist, INFORMS Transportation Science & Logistics Best Student Paper (2025)
- S. Lo: Runner-up, INFORMS Transportation Science & Logistics Best Student Paper (2024)
- M. Blanchard: Winner, INFORMS Transportation Science & Logistics Best Student Paper (2023)
- K. Cummings: Finalist, Dupačová-Prékopa Best Student Paper in Stochastic Programming (2023)
- K. Wei: Winner, AGIFORS Anna Valicek Award (2019)
- N. Ribeiro: Winner, AGIFORS Anna Valicek Award (2018)

SELECTED GRANTS

- Principal Investigator; TransMedics; Network design and coordinated routing for organ transplantation logistics; $359,696; 2026–2028.
- Principal Investigator; MITGenAI Consortium; Leveraging large language models to incorporate qualitative information into decision-making models in transportation and logistics; $50,000; 2025–2026.
- Principal Investigator; MIT Research Support Committee; Prescriptive AI for wildfire suppression; $90,000; 2025–2026.
- Co-principal Investigator (with Saurabh Amin); MIT Climate & Sustainability Consortium; Optimization and collaboration toward a scalable charging infrastructure in logistics; $275,000; 2024–2025.
- Principal Investigator; TransMedics; Coordinated routing optimization for organ transplantation logistics; $162,982; 2023–2024.
- Co-Principal Investigator (with Daniel Freund); MIT Mobility Initiative; Efficient, reliable and equitable deployment of urban charging infrastructure toward large-scale vehicle electrification; $150,000; 2023–2024.
- Principal Investigator; MIT Climate & Sustainability Consortium; Logistics electrification through scalable and inter-operable charging infrastructure; $234,784; 2022–2024.
- Principal Investigator; Singapore Defence Science and Technology Agency; Data-driven optimization under categorical uncertainty, and applications to smart city operations; $420,000; 2021–2023.
- Co-Principal Investigator (with Cynthia Barnhart); MIT Amazon Science Hub; Fleet management and routing optimization for warehouse operations; $975,000; 2021–2023.
- Principal Investigator; Wayfair; Inventory management toward high-speed delivery; $49,774; 2021–2022.
- Co-Principal Investigator (with Dimitris Bertsimas); C3.AI Institute; Mitigation of COVID-19 and Future Pandemics; $200,000; 2020–2021.
- Principal Investigator; MIT Research Support Committee; Data-driven optimization and field experimentation in networks, with applications to relay-based logistics; $75,000; 2020–2022.
- Principal Investigator; Vueling Airlines; Data, analytics and optimization for airline planning and operations; $71,755; 2020–2021.

TEACHING EXPERIENCE

MIT, Sloan School of Management, Instructor 2019–present

15.071: The AI Edge (Fall 2026)
15.C57: Optimization (Fall 2022, 2023, 2024, 2025)
15.083: Integer Optimization (Spring 2021, 2022, 2023, 2025)
15.072: Advanced Analytics Edge (Fall 2019, 2020, 2021)
15.071: The Analytics Edge (Fall 2019)

MIT, Guest Lecturer 2019–present
15.000: Explorations in Management
11.529: Mobility Ventures
1.200: Transportation Systems Analysis
6.268 Network Science
16.763: Air Transportation Operations Research

Carnegie Mellon University, Tepper School of Business, Instructor 2018–2019
70.462: Stochastic Modeling and Simulation (Spring 2018, Spring 2019)

Carnegie Mellon University, Heinz College, Instructor 2016–2019
94.867: Decision Analytics for Business and Policy (Spring 2017, Spring 2018, Spring 2019)
95.760: Decision-Making under Uncertainty (Fall 2016, Fall 2017, Spring 2019)

PAPERS UNDER REVIEW AND WORKING PAPERS

1. B. Martin-Iradi, A. Schmid, K. Cummings, and A. Jacquillat, "A double decomposition algorithm for network planning and operations in deviated fixed-route microtransit", under major revision at ***Operations Research***.
   [Finalist, INFORMS Transportation Science & Logistics Best Student Paper, A. Schmid (2025)]
2. L. Boussioux, A. Jacquillat, R. Reger, and J. Wachspress, "Predictive and prescriptive analytics toward optimizing wildfire suppression", major revision at ***Operations Research***.
3. A. Jacquillat, B. Lin and S. Liu, "Electrifying Bike-share Systems at Scale", major revision at ***Operations Research***.
4. A. Jacquillat, S. Martin and K. Wang, "Value of sharing in routing-scheduling operations", major revision at ***Management Science***.
5. A. Jacquillat, A. Schmid and K. Wang, "Optimizing relay operations toward sustainable logistics", minor revision at ***Manufacturing & Service Operations Management***.
6. J. Drossman, A. Jacquillat and S. Martin, "LLM for decision-making: an interactive optimization chatbot with conversation-based assessment", major revision at ***Manufacturing & Service Operations Management***.
7. P. Adjiman, M. Cohen, D. Fresco, A. Jacquillat and R. Sasson, "Targeted alerts to improve road safety", major revision at ***Manufacturing & Service Operations Management***.
8. S. Benjaafar, L. He, A. Jacquillat, B. Lin, S. Liu, W. Qi, Z.-J. Max Shen, P. Vayanos, and J. Zhang, "OM Grand Challenge: Make Cities and Human Settlements Inclusive, Safe, Resilient and Sustainable", major revision at ***Manufacturing & Service Operations Management***.
9. Y. Liu, A. Jacquillat, H. Wang and J. Zhao, "Optimizing Mobile Parcel Locker Operations Using Learning-Augmented Column Generation", major revision at ***Transportation Science***.
10. F. Cordera, A. Jacquillat and S. McDonald, "Optimizing Urban Air Mobility operations in a corridor network", major revision at ***INFORMS Journal on Optimization***.

11. A. Delarue, A. Jacquillat, S. Karam and J. Yan, "Microtransit design: fixed-route transit, flexible on-demand services, or both?", reject & resubmit at ***Operations Research***.
12. T. Cao, L. Zhao, A. Schmid and A. Jacquillat, "Intra-City Express Delivery Service Network Design", reject & resubmit at ***Transportation Science***.
13. A. Jacquillat and S. Lo, "Subpath-based decomposition for the electric vehicle routing problem", under review at ***Transportation Science***.
    [Runner-up, INFORMS Transportation Science & Logistics Best Student Paper, S. Lo (2024)]
14. A. Jacquillat and S. Karam, "Leveraging crowdsourced data for estimating operational outcomes", Preliminary version accepted to the NeurIPS 2025 MLxOR Workshop.
    [Finalist, INFORMS Transportation Science & Logistics Best Student Paper, S. Karam (2026)]
15. B. van Rossum, R. van Lieshout and A. Jacquillat, "Adaptive Partitioning in Column Generation for Nested Paths", under review at ***Transportation Science***.
16. A. Jacquillat and J. Luo, "An Iterative Network Flow Algorithm for Online Pickup and Delivery", under review at ***INFORMS Journal on Optimization***.
17. Y. Tang, R. Liu, C. Jiang, A. Jacquillat, H. Koutsopoulos and J. Zhao, "Joint Bus Trip Scheduling and Vehicle Assignment with Time-Dependent Travel Times".

PUBLISHED PAPERS

1. A. Jacquillat and M. Li, "Learning to cover: online learning and optimization with irreversible decisions", ***Management Science***, in press, 2026.
2. S. Baxi, K. Cummings, A. Jacquillat, S. Lo, R. McDonald, K. Mellou, I. Menache and M. Molinaro, "Online rack placement in large-scale data centers: online sampling optimization and deployment", ***Operations Research***, 74(6):3157-3179, 2026.
3. M. Dogan and A. Jacquillat, "On-demand service sharing via collective dynamic pricing", ***Manufacturing & Service Operations Management***, 28(2):400-420, 2026.
4. K. Cummings, A. Jacquillat and V. Vaze, "Activated Benders decomposition for day-ahead paratransit itinerary planning", ***INFORMS Journal on Computing***, 38(1):126-149, 2026.
    [Finalist, Dupačová-Prékopa Best Student Paper in Stochastic Programming, K. Cummings (2023)]
5. A. Jacquillat, M. Li, M. Ramé and K. Wang, "Branch-and-price for prescriptive contagion analytics", ***Operations Research***, 73(3):1558-1580, 2025.
6. C. Barnhart, A. Jacquillat and A. Schmid, "Robotic warehousing operations: a learn-then-optimize approach to large-scale neighborhood search", ***INFORMS Journal on Optimization***, 7(3):171-194, 2024.
7. K. Wang, M. Aydemir and A. Jacquillat, "Scenario-based robust optimization for two-stage decision making under binary uncertainty", ***INFORMS Journal on Optimization***, 6(2):84-117, 2024.
    [Winner, Best Applied Paper, INFORMS Workshop on Data Mining and Decision Analytics (2020)]
8. M. Blanchard, A. Jacquillat, and P. Jaillet, "Probabilistic bounds on the k-Traveling Salesman Problem and the Traveling Repairman Problem", ***Mathematics of Operations Research***, 49(2):1169-1191, 2024.
    [Winner, INFORMS Transportation Science & Logistics Best Student Paper, M. Blanchard (2023)]
9. S. Birolini and A. Jacquillat, "Day-ahead aircraft routing with data-driven primary delay predictions", ***European Journal of Operational Research***, 310(1):379-396, 2023.
10. W. Zhang, A. Jacquillat, K. Wang and S. Wang, "Optimized scenario reduction: solving large-scale

stochastic programs with quality guarantees", ***INFORMS Journal on Computing***, 35(4):886-908, 2023.

11. W. Zhang, A. Jacquillat, K. Wang and S. Wang, "Routing optimization with vehicle-customer coordination", ***Management Science***, 69(11):6876-6897, 2023.
[Winner, INFORMS Computing Society Harvey Greenberg Research Award (2023)]
[Runner-up, INFORMS Transportation Science & Logistics Best Paper Prize (2025)]

12. M. Cohen, A. Jacquillat, J. Serpa, and M. Benborhoum, "Managing airfares under competition: Insights from a field experiment", ***Management Science***, 69(10):6076-6108, 2023.
[Winner, Best Technical Presentation, AGIFORS Annual Symposium (2018)]

13. M. Cohen, A. Jacquillat and H. Song, "Price discrimination and inventory allocation in Bertrand competition", ***Manufacturing & Service Operations Management***, 25(1):148-167, 2023.

14. S. Birolini, A. Jacquillat, P. Schmedeman and N. Ribeiro, "Passenger-centric slot allocation at schedule-coordinated airports", ***Transportation Science***, 57(1):4-26, 2023.

15. K. Wang, A. Jacquillat, and V. Vaze, "Vertiport planning for Urban Aerial Mobility: An adaptive discretization approach", ***Manufacturing & Service Operations Management***, 24(6):3215-3235, 2022.
[Winner, INFORMS Air Transportation Section Best Paper Prize (2024)]

16. M. Cohen, A. Jacquillat, A. Ratzon and R. Sasson, "The impact of high-occupancy vehicle lanes on carpooling", ***Transportation Research Part A: Policy and Practice***, 165: 186-206, 2022.

17. A. Jacquillat, "Predictive and prescriptive analytics toward passenger-centric Ground Delay Programs", ***Transportation Science***, 56(2):265-298, 2022.
[Winner, *Transportation Science* Journal Paper of the Year (2023)]

18. K. Wei, V. Vaze and A. Jacquillat, "Transit planning optimization under ride-hailing competition and traffic congestion", ***Transportation Science***, 56(3):725-749, 2022.

19. A. Jacquillat, V. Vaze and W. Wang, "Primary vs. secondary infrastructure capacity allocation mechanisms", ***European Journal of Operational Research***, 303(2):668-687, 2022.

20. D. Bertsimas, V. Digalakis, A. Jacquillat, M. Li and A. Previero, "Where to locate COVID-19 mass vaccination centers?", ***Naval Research Logistics***, 69(2):179-200, 2022.
[Winner, Harold W. Kuhn Award (2024)]

21. S. Birolini, A. Jacquillat, M. Cattaneo and A. Antunes, "Airline network planning: mixed-integer non-convex optimization with demand–supply interactions", ***Transportation Research Part B: Methodological***, 154, 100-124, 2021.

22. D. Bertsimas, L. Boussioux, R. Cory-Wright, A. Delarue, V. Digalakis, A. Jacquillat, D. Lahlou Kitane, G. Lukin, M. Li, L. Mingardi, O. Nohadani, A. Orfanoudaki, T. Papalexopoulos, I. Paskov, J. Pauphilet, O. Skali Lami, B. Stellato, H. Tazi Bouardi, K. Villalobos, H. Wiberg, C. Zeng, "From predictions to prescriptions: A data-driven response to COVID-19", ***Health Care Management Science***, 24:253–272, 2021.
[Winner, Pierskalla Award, INFORMS Health Applications Society (2020)]

23. V. Abhishek, M. Dogan and A. Jacquillat, "Strategic timing and dynamic pricing for online resource allocation", ***Management Science***, 67(8):4880-4907, 2021.

24. K. Wang and A. Jacquillat, "A stochastic integer programming approach to air traffic scheduling and operations", ***Operations Research***, 68(5):1375-1402, 2020.
[Winner, INFORMS Transportation Science & Logistics Best Paper Prize (2021)]
[Winner, INFORMS Air Transportation Section Best Paper Prize (2021)]

25. J. Lee, L. Marla and A. Jacquillat, "Dynamic disruption management in airline networks under airport operating uncertainty", ***Transportation Science***, 54(4):973-997, 2020.

26. K. Wei, V. Vaze and A. Jacquillat, "Airline timetable development and fleet assignment incorporating passenger choice", ***Transportation Science***, 54(1):139-163, 2020.
[Winner, Anna Valicek Award, best student paper (K. Wei), AGIFORS Annual Symposium (2019)]

27. R. Grahn and A. Jacquillat, "Optimal escort dispatch for airport travelers with reduced mobility", ***Transportation Research Part C: Emerging Technologies***, 111:421-438, 2020.

28. N. Ribeiro, A. Jacquillat and A. Antunes, "A large-scale neighborhood search approach to airport slot allocation", ***Transportation Science***, 53(6):1772-1797, 2019.
[Winner, INFORMS Air Transportation Section Best Paper Prize (2020)]

29. N. Ribeiro, A. Jacquillat, A. Antunes and A. Odoni, "Improving slot allocation at Level 3 airports", ***Transportation Research Part A: Policy and Practice***, 127:32-54, 2019.

30. A. Jacquillat and V. Vaze, "Interairline equity in airport scheduling interventions", ***Transportation Science***, 52(4):941-964, 2018.
[Winner, INFORMS Transportation Science & Logistics Outstanding Paper, Air Transportation (2019)]

31. N. Ribeiro, A. Jacquillat, A. Antunes, A. Odoni and J. Pita, "An optimization approach for airport slot allocation under IATA guidelines", ***Transportation Research Part B: Methodological***, 112: 132-156, 2018.
[Winner, Anna Valicek Award, best student paper (N. Ribeiro), AGIFORS Annual Symposium (2018)]

32. A. Jacquillat and A. Odoni, "A roadmap toward airport demand and capacity management", ***Transportation Research Part A: Policy and Practice***, 114: 168-185, 2018.

33. A.Jacquillat and S. Zoepf, "Deployment and utilization of plug-in electric vehicles in round-trip car-sharing systems", ***International Journal of Sustainable Transportation***, 12(2):75-91, 2018.

34. A. Jacquillat, A. Odoni and M. Webster, "Dynamic control of runway configurations and of arrival and departure service rates at JFK airport under stochastic queue conditions", ***Transportation Science***, 51(1):155-176, 2017.
[Winner, Anna Valicek Award for best student paper, AGIFORS Annual Symposium (2013)]

35. A. Jacquillat and A. Odoni, "A new airport demand management approach based on targeted scheduling interventions", ***Journal of Transport Economics and Policy***, 51(2):115-138, 2017.

36. D. Gillen, A. Jacquillat and A. Odoni, "Airport demand management: the operations research and economics perspectives and potential synergies", ***Transportation Research Part A: Policy and Practice***, 94: 495-513, 2016.

37. A. Jacquillat and A. Odoni, "An integrated scheduling and operations approach to airport congestion mitigation", ***Operations Research***, 63(6):1390-1410, 2015.
[Winner, INFORMS Transportation Science & Logistics Best Paper Prize (2017)]
[Winner, INFORMS George B. Dantzig Dissertation Award (2015)]
[Winner, INFORMS Transportation Science & Logistics Dissertation Prize (2015)]
[Winner, Milton Pikarsky Memorial Award for Best PhD Dissertation in transportation science and technology, Council of University Transportation Centers (2015)]

38. A. Jacquillat and A. Odoni, "Endogenous control of service rates in stochastic and dynamic queuing models of airport congestion", ***Transportation Research Part E: Logistics and Transportation Review***, 73:133-151, 2015.

SELECTED INVITED TALKS

2026 National University of Singapore (scheduled)
New York University; Stern School of Business (scheduled)
McGill University; Desautels Faculty of Management (scheduled)
2026 Cornell University; Johnson Graduate School of Management
University of Southern California; Marshall School of Business
University of Texas at Austin; McCombs School of Business
University of North Carolina at Chapel Hill; Kenan-Flagler Business School
2025 Columbia Business School; Decision, Risk and Operations Division
Duke University; Fuqua School of Business; Decision Sciences area
Keynote Speaker, INFORMS Transportation and Logistics Early-Career Workshop
University of California Berkeley; Industrial Engineering & Operations Research Department
Carnegie Mellon University; Tepper School of Business; Operations Research
University of Illinois Chicago; Department of Information and Decision Sciences
Northwestern University; Kellogg School of Management; Operations Department
2024 Keynote Speaker, 19th INFORMS Workshop on Data Mining and Decision Analytics
Dartmouth College; Tuck School of Business; Operations and Management Science
HEC; Department of Information Systems and Operations Management
INSEAD; Technology and Operations Management
Ecole Polytechnique Federale de Lausanne
London Business School; Management Science & Operations
Imperial College; Imperial Business School; Control & Optimization
Georgetown University; McDonough School of Business; Operations and Analytics
University of Maryland; Robert H. Smith School of Business; Decision, Operations & IT
2023 Massachusetts Institute of Technology; Mobility Forum
University of Colorado Boulder; Leeds School of Business; Strategy, Entrepreneurship and Operations
Mila - Quebec AI Institute
University of Southern California; Daniel J. Epstein Department of Industrial and Systems Engineering
2022 University of British Columbia; Sauder School of Business; Operations and Logistics
Georgia Institute of Technology, H. Milton Stewart School of Industrial and Systems Engineering
University of Toronto; Rotman School of Management; Operations Management and Statistics
2021 University of Cambridge; Judge Business School; Operations & Technology Management
2020 Massachusetts Institute of Technology; Mobility Forum
Lancaster University; Management School; Department of Management Science
2019 Singapore University of Technology and Design; Engineering Systems and Design Pillar
University of Pittsburgh; Department of Industrial Engineering
Massachusetts Institute of Technology; Sloan School of Management; Operations Research & Statistics
2018 Pennsylvania State University; Department of Industrial and Manufacturing Engineering
Carnegie Mellon University; Department of Civil and Environmental Engineering
2017 City University of Hong Kong; Department of Systems Engineering and Engineering Management
Hong Kong Polytechnic University; Department of Logistics and Maritime Studies
2015 Massachusetts Institute of Technology; Department of Aeronautics and Astronautics
Cornell University; School of Civil and Environmental Engineering
University of Texas at Austin; Operations Research and Industrial Engineering Program
University of Washington; Department of Civil and Environmental Engineering
Carnegie Mellon University; Heinz College of Information Systems and Public Policy
University of Illinois Urbana-Champaign; Department of Industrial & Enterprise Systems Engineering
2014 University of British Columbia; Sauder School of Business; Operations and Logistics

THESES SUPERVISED

PhD Theses

Kayla Cummings, Operations Research Center	2023
Alexandria Schmid, Operations Research Center	2026
Sean Lo, Operations Research Center (expected)	2027
Felipe Cordera, Operations Research Center (expected)	2027
Jason Luo, Transportation (expected)	2027
Shriya Karam, Operations Research Center (expected)	2028
Joshua Drossman, Operations Research Center (expected)	2029
Ryne Reger, Operations Research Center (expected)	2030

SM Theses

Gabriel Yong, Operations Research Center (expected)	2027
Anastasiia Holubova, Leaders for Global Operations	2026
Dimitris Koutentakis, Leaders for Global Operations	2026
Marine Maisonneuve, Leaders for Global Operations	2026
Julia Allen, Operations Research Center	2025
Mohit Kasliwal, Leaders for Global Operations	2025
Jacob Wachspress, Operations Research Center	2024
Arnaud Robin, Operations Research Center	2024
Ashhad Alam, Master's of Engineering	2024
Martin Rame, Operations Research Center	2023
Spencer McDonald, Transportation, Aeronautics and Astronautics	2023
Samuel Humphries, Operations Research Center	2022
Christian Dowell, System Design and Management	2021
Phillip Schmedeman, System Design and Management	2021
Oliver Wilson, System Design and Management	2020
Kayhan Babakan, System Design and Management	2020

PROFESSIONAL AND LEADERSHIP ACTIVITIES

MIT service

Master's of Business Analytics; Faculty Director	2026-present
Committee Member; SCC Common Ground Steering Committee	2026-present
TFUAP Probability, Statistics, and Machine Learning curricular committee	2026
Lecturer search; Schwarzman College of Computing	2026
Operations Research Center; PhD Admissions Committee	2022-present
Undergraduate Academic Advisor; Sloan School of Management; Business Analytics	2020-present
Master's of Business Analytics; Admissions Committee	2020-present
Master's of Business Analytics; Capstone advisor	2020-present
Faculty search; Sloan School of Management; Operations Research & Statistics	2020-present
Subcommittee Member; Common Ground; Machine Learning, AI and Data Science	2024-2025
Faculty search; Schwarzman College of Computing/Civil and Environmental Engineering	2026
Faculty search; Schwarzman College of Computing/Urban Studies and Planning	2025
Panelist; MIT Career Advising & Professional Development; STEM Research Statements	2025
Faculty search; Schwarzman College of Computing/Aeronautics and Astronautics	2024
Committee member; Sloan Reappointment committees	2020, 2024
Panelist; Sloan Orientation; Session on teaching	2022, 2024
Panelist; Inclusive & Equitable Teaching Practices; Teaching + Learning Lab	2022, 2023
Co-chair; Operations Research Center Common Experience	2022-2023
Operations Research Center; SM Admissions Committee	2021

Industry presentations

Amazon Fulfillment Simulation Symposium	2025
ABI Logistics	2025
MIT Generative AI Impact Consortium Symposium	2025
MIT Industrial Liaison Program, R&D conference	2024
MIT Mobility Initiative Vision Day	2023, 2024
MIT Climate Project	2024
World Bank Workshop: Decarbonization of Freight and Logistics	2022
OECD/ITF Capacity Building through Efficient Use of Existing Airport Infrastructure	2017
Airport Stakeholders' Workshop on Airport Capacity Management and Slot Allocation	2017
NEXTOR 20th Anniversary Workshop, Federal Aviation Administration	2016
Getting it right at Mexico City's new airport: International conference on aviation services	2015
Global Challenges to Improve Air Navigation Performance Workshop, FAA	2015
American Airlines, Operations Research department	2014

INFORMS

INFORMS Transportation Science & Logistics Conference, Chair	2026
INFORMS Computing Society Conference, Cluster chair	2025
Transportation Science & Logistics Best Paper Prize, Committee chair	2024
George Nicholson Student Paper Competition, Committee member	2022–2023
Transportation Science & Logistics Best Paper Prize, Committee member	2022–2023
Health Applications Society, Pierskalla Award, Committee member	2021–2022
Chair, Air Transportation Section	2020–2022
Vice chair, Air Transportation Section	2018–2020
Secretary/Treasurer, Air Transportation Section	2016–2018
Dissertation Prize, Air Transportation Section, Committee member	2016
Best Student Presentation, Air Transportation Section, Committee member	2014–2016

Reviewer for major academic journals, including *Operations Research*, *Management Science*, *Transportation Science*, *Manufacturing and Service Operations Management*, *Production and Operations Management*, *European Journal of Operational Research*, *Naval Research Logistics*, *Transportation Research Part A: Policy and Practice*, *Transportation Research Part B: Methodological*, *Transportation Research Part C: Emerging Technologies*, *Transportation Research Part D: Transport and Environment*, *Transportation Research Part E: Logistics and Transportation Review*, and *EURO Journal on Transportation and Logistics*

Editorial Activities

Associate Editor for *Manufacturing & Service Operations Management*	2026–present
Associate Editor for *Operations Research*, Optimization area	2024–present
Guest Associate Editor for *Naval Research Logistics*	2022–2024
Associate Editor for *INFORMS Journal on Optimization*	2021–2025
Associate Editor for *Transportation Science*, Modes & Industries area	2020–present
Associate Editor for *Transportation Research Part C: Emerging Technologies*	2020–2026

LANGUAGES

English (fluent)
French (native)