# Alexandre Jacquillat

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

alexjacq@mit.edu
mitmgmtfaculty.mit.edu/ajacquillat/
617-715-4848

## PROFESSIONAL EXPERIENCE

Massachusetts Institute of Technology, Sloan School of Management, Cambridge, MA
- *Maurice F. Strong Career Development Associate Professor* 2024–present
- *Associate Professor of Operations Research and Statistics* 2023–present
- *Class of 1942 Career Development Assistant Professor* 2021–2024
- *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 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)

## STUDENT AWARDS

- A. Schmid: Finalist, INFORMS Transportation Science & Logistics Best Student Paper (2025, winner to be announced at the INFORMS Annual Meeting)
- 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: Runner-up, 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; 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; $125,000; 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

*15.093: 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. 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", under third review at ***Operations Research*** (minor revision).
2. A. Jacquillat and M. Li, "Learning to cover: online learning and optimization with irreversible decisions", under fourth review at ***Management Science*** (minor revision).
3. 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 second review at ***Operations Research*** (major revision).
   [Finalist, INFORMS Transportation Science & Logistics Best Student Paper, A. Schmid (2025)]
4. A. Jacquillat, S. Martin and K. Wang, "Value of sharing in routing-scheduling operations", under third review at ***Management Science*** (major revision).
5. P. Adjiman, M. Cohen, D. Fresco, A. Jacquillat and R. Sasson, "Targeted alerts to improve road safety", under second review at ***Management Science*** (major revision).
6. A. Jacquillat, A. Schmid and K. Wang, "Optimizing relay operations toward sustainable logistics", under second review at ***Manufacturing & Service Operations Management*** (major revision).
7. A. Jacquillat and S. Lo, "Subpath-based decomposition for the electric vehicle routing problem", under second review at ***Operations Research*** (reject & resubmit).
   [Runner-up, INFORMS Transportation Science & Logistics Best Student Paper, S. Lo (2024)]
8. L. Boussioux, A. Jacquillat and J. Wachspress, "Predictive and prescriptive analytics toward optimizing wildfire suppression", Working paper.
9. F. Cordera, A. Jacquillat and S. McDonald, "Optimizing Urban Air Mobility operations in a corridor network", Working paper.
10. A. Delarue, A. Jacquillat, S. Karam and J. Yan, "Microtransit design: fixed-route transit, flexible on-demand services, or both?", Working paper.
11. A. Jacquillat and S. Karam, "Integrating qualitative data into transit service design: a stochastic estimate-then-optimize approach", Working paper. Preliminary version accepted to the NeurIPS 2025 MLxOR Workshop.
12. J. Drossman, A. Jacquillat and S. Martin, "LLM for decision-making: an interactive optimization chatbot with conversation-based assessment", Working paper.

## PUBLISHED PAPERS

1. M. Dogan and A. Jacquillat, "On-demand service sharing via collective dynamic pricing", ***Manufacturing & Service Operations Management***, accepted, 2025.

2. K. Cummings, A. Jacquillat and V. Vaze, "Activated Benders decomposition for day-ahead paratransit itinerary planning", ***INFORMS Journal on Computing***, Articles in Advance, 2025.
[Finalist, Dupačová-Prékopa Best Student Paper in Stochastic Programming, K. Cummings (2023)]

3. 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.

4. A. Jacquillat, M. Li, M. Ramé and K. Wang, "Branch-and-price for prescriptive contagion analytics", ***Operations Research***, 73(3):1558-1580, 2024.

5. 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)]

6. 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)]

7. 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.

8. W. Zhang, A. Jacquillat, K. Wang and S. Wang, "Optimized scenario reduction: solving large-scale stochastic programs with quality guarantees", ***INFORMS Journal of Computing***, 35(4):886-908, 2023.

9. 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)]

10. 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)]

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

12. S. Birolini, A. Jacquillat, P. Schmedeman and N. Ribeiro, "Passenger-centric slot allocation at schedule-coordinated airports", ***Transportation Science***, 51(1):4-26, 2022.

13. 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)]

14. 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.

15. 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)]

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

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

18. 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.

19. 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)]

20. 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)]

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

22. 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)]

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

24. 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)]

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

26. 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)]

27. 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.

28. 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)]

29. 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)]

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

31. 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.

32. 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)]

33. 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.

34. 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.

35. 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)]

36. 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** Cornell University; Johnson Graduate School of Management (scheduled)
University of Southern California; Marshall School of Business (scheduled)
University of Texas at Austin; McCombs School of Business (scheduled)
University of North Carolina at Chapel Hill; Kenan-Flagler Business School (scheduled)
**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 (expected) | 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 (expected) | 2026 |
| Dimitris Koutentakis, Leaders for Global Operations (expected) | 2026 |
| Marine Maisonneuve, Leaders for Global Operations (expected) | 2026 |
| Julia Allen, Operations Research Center (expected) | 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

| | |
|---|---|
| Committee Member; Common Ground; Machine Learning, AI and Data Science | 2024-present |
| 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 |
| 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

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|---|---|
| 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 *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–present |

## LANGUAGES

English (fluent)
French (native)