David Bergman
Associate Dean, Faculty & Research, and Associate Professor
Operations and Information Management Department
School of Business, University of Connecticut

(Updated November 10, 2025)

Contact Information

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Professional Experience

School of Business, **University of Connecticut** (UConn), Storrs, CT

Department of Operations and Information Management

Associate Dean, Faculty & Research	Sep 2025 - Present
Associate Professor	Aug 2019 - Present
Interim Associate Dean, Faculty & Research	Jan 2025 - July 2025
Assistant Professor	Aug 2014 - Jul 2019
Visiting Assistant Professor	Aug 2013 - Jul 2014

Education

Tepper School of Business, **Carnegie Mellon University** (CMU), Pittsburgh, PA

Ph.D., Algorithms, Combinatorics, and Optimization — May 2013

- Dissertation: *New Techniques for Discrete Optimization*
- Committee Members: John Hooker (co-advisor), Willem-Jan van Hoeve (co-advisor), R. Ravi, Tuomas Sandholm

M.S., Algorithms, Combinatorics, and Optimization — May 2010

Stony Brook University, Stony Brook, NY

M.S., Applied Mathematics & Statistics — May 2008

B.S., Mathematics and Applied Mathematics & Statistics — May 2007

Consulting Experience

NY Sun Works — Apr 2022 - Present

Built an optimization model and a tool for allocating workforce for school to provide training on in-school farms

ID.me — Jan 2022 - Mar 2022

Designed a simulation model to estimate load on website as ID.me became the main verification system for the IRS

Estimated peak demand and provided recommendations for optimizing queueing system

McKinsey & Company — Aug 2016 - Jul 2022

Designing algorithms for large-scale automated decision making

- *Crop planning*: Implemented an optimization model for planning inventory for annual crop plan

- *COVID Testing Tool*: Created a tool for optimizing scarce testing resources to different portions of the population to minimize *Rt* rate across multiple segments of the US population
- *Public Housing Authority Property Optimization*: Designed and implemented an optimization algorithm and tool to assist a housing authority determine a plan for redevelopment for their portfolio of affordable housing in the face of increased funding pressure and quickly deteriorating properties
- *Bank Branch Optimization*: Improved optimization model for determining branch network opening and closing to maximize expected revenue, leading to orders-of-magnitude reduction in both solution time and memory consumption
- *Military Training Scheduling*: Built custom tool for scheduling all training activities and asset transfers for an entire military force, increasing force readiness from 60% to near 100%
- *Delivery Service Time Series Modeling*: Created predictive models for major parcel delivery client to uncover market trends and align long-term plans
- *Airline Crew Scheduling*: Constructed optimization algorithm for pilot crew scheduling for a $2 billion airline to size impact of upcoming regulations on pilot working hours
- *Military Procurement Modeling*: Designed optimization algorithm to optimize over a billion dollars of procurement decisions
- *University Grant Funding*: Integrated predictive and prescriptive analytics models for allocation of grant funding for a large public university to optimize yield and quality of incoming class
- *Chemical Plant Simulation and Optimization Modeling*: Generated simulation model for large chemical plant to understand bottleneck in production process and an optimization algorithm to maximize plan throughput
- *Water Network Design*: Assisted with implementing an optimization model to measure cost-saving potential from consolidating treatment plants

Mitsubishi Electric Research Laboratories Sep 2014 - Present

Developing optimization algorithms for large multinational electronics and electrical equipment manufacturing company for various service lines and products

Westchester Management, LLC Jul 2010 - Present

Creating and maintaining information systems for residential real estate company

BlueVoyant Jan 2018 - Mar 2018

Constructed advanced analytics models for cybersecurity risk assessment

Additech, Inc Jul 2015 - Jul 2016

Integrating advanced data science and optimization algorithms to select expansion locations to maximize expected revenue for at-the-pump gasoline additive company

Jacksonville Jaguars May 2014 - Jul 2014

Analyzed exercise data to understand player attributes and fatigue levels for professional football team

Honors, Grants, and Awards

2022 40 Under 40 Hartford Business Journal March 2022

Received honor for young professionals in Hartford.

2022 MIT Sports Analytics Hackathon —Second Place March 2022

Received second place recognition for hackathon on NHL sports tracking data.

2020 DraftKings Daily Fantasy Sports World Champion December 2020

Won fantasy sports world championship competition with top prize of $2.5M.

UConn School of Business Research Award May 2020

Received annual award for best researcher over five-year span.

Optimizing Team Composition: Theoretical and Computational Advancements Nov 2018 - Oct 2020

Army Research Institute for the Behavioral and Social Sciences (ARI), Solicitation number: W911NF-18-S-0001 (Tannenbaum, S. I., Mathieu, J. E., and Bergman, D.)

UConn-AAUP Teaching Excellence: Early Career Award April 2018

Annual teaching award given by the University of Connecticut honoring teaching excellence for faculty with fewer than 6 years of teaching experience.

ACP Doctoral Research Award Sep 2014

Annual research award given by the Association for Constraint Programming for the best doctoral dissertation in the area of constraint programming

CMU Graduate Student Teaching Award Apr 2012

Annual university-wide award recognizing best graduate student teacher at CMU

Egon Balas Award Mar 2010

Annual award recognizing best student paper in the area of Operations Research or Algorithms, Combinatorics, and Optimization at Carnegie Mellon University

Startups

Diversify Core, LLC, Founder. 2023-Present

Develops financial tools and classroom AI tools.

Gamification State, LLC, Founder. 2023-Present

Creates educational games for higher education.

SelfTeeMe 2013-2015

Custom shirt company with smart cropping.

Editorial Roles

Editor for *Constraints*

Books

D. Bergman, A. A. Cire, W.-J. van Hoeve, and J.N. Hooker. Decision Diagrams for Optimization. Springer-Verlag New York, 2016.

Patents

Thiago Serra, **David Bergman**, Arvind U Raghunathan, System and Method for Scheduling Multiple Modes of Transport with Incomplete Information, Pat# 11,085,781 (Granted)

- Pub# US20200272954A1, System and Method for Scheduling Multiple Modes of Transport with Incomplete Information (Published Application)
- Pub# US20190392368A1, System and Method for Scheduling Multiple Modes of Transport (Published Application)
- Pub# US20190114595A1, Systems and Methods for Joint Control of Multi-Modal Transportation Networks (Published Application)

Arvind U Raghunathan, **David Bergman**, System and Method for Scheduling Electric Generators using Decision Diagrams, Pat# 10,969,750 (Granted)

- Pub# US20200310369A1, System and Method for Scheduling Electric Generators using Decision Diagrams (Published Application)

Arvind U Raghunathan, **David Bergman**, Systems and Methods for Resource Allocation for Management Systems, Pat# 10,362,139 (Granted)

- Pub# US20180103116A1, Systems and Methods for Resource Allocation for Management Systems (Published Application)

Articles In Preparation

Bergman, D., Emadikhiav, M., Qu, M., Shi, C., Sylvestre-Décary, J. Robust Propensity Score Matching.

Mehrani, S., Bai, M., Caronha, C., and **Bergman, D.**. Data-driven Online Allocation Scheduling in a Radiology Practice.

Bergman, D., Huang, T., and Mathieu, J.. Data-Driven Optimization for Team Formation.

Emadikhiav, M. and **Bergman, D.**. Cyclic Scheduling for New York Sun Works.

Shi, C., **Bergman, D.**, Zuber, A., Wanik, D., and Bhattacharjee, S. Vegetation Management for Electrical Grid Resilience through Machine Learning and Optimization.

Emadikhiav, M., Cardonha, C., Eftekhar, M., and **Bergman, D.**. Workforce Scheduling for Efficient and Equitable Access to Education.

Wang, K., Lozano, L., Emadikhiav, M., and **Bergman, D.** (2025). Models and Algorithms for Cluster-Plus-Optimize.

Articles Under Review

Bergman, D., Kutlu, S.N., Patterson, R., Wang. K. Towards Better Recommendations: Integrating Counterfactual Learning and Trust Regions in Digital Platforms. *Decision Support Systems*. Major Revision.

Sylvestre-Décary, J., **Bergman, D.**, and Zou, B. Log-Optimal Portfolio Construction for Binary Options with Combinatorial Constraints. *Management Science*. Under Review.

Lozano, L., **Bergman, D.**, and Cire, A. Network Relaxations for Discrete Bilevel Optimization under Linear Interactions. *Operations Research*. Reject and Resubmit.

Patel, R., Khalil, E., and **Bergman, D.** Heuristic Multiobjective Discrete Optimization using Restricted Decision Diagrams. *INFORMS Journal on Computing*. Under 1st round review.

Decray, J., Lodi, A. **Bergman, D.**, Imbrogno, J., and Cardonha, C. Simplifying the Madness of Multiple Entries in March Madness. *Production and Operations Management*. Major Revision.

Lozano, L., **Bergman, D.**, and Cire, A. Decision Diagram-Based Approaches for Combinatorial Defender-Attacker-Defender Optimization Problems. *INFORMS Journal on Computing*. Under 2nd round review.

Refereed Journal Publications

Cardonha, C., **Bergman, D.**, Cire, A. Lozano, L, and Yunes, T. The Sensitivity of the U.S. Presidential Election to Coordinated Voter Relocation. *INFORMS Journal on Computing*, forthcoming.

Cardonha, C., Raghunathan, A., Nohra, C., and **Bergman, D.** (2024). Recursive McCormick Linearization of Multilinear Programs. *INFORMS Journal on Computing*, forthcoming. https://doi.org/10.1287/ijoc.2023.0390

Shi, C., Emadikhiav, M., Lozano, L., and **Bergman, D.** (2024). Constraint Learning to Define Trust Regions in Optimization Over Pre-Trained Predictive Models. *INFORMS Journal on Computing*, 36(6), 1382–1399.

Mantri, S., **Bergman, D.**, and Lownes, N. (2024). Evaluation of AV Deadheading Strategies. *Future Transportation*, 4(3), 1059–1077. https://www.mdpi.com/2673-7590/4/3/51

Emadikhiav, M., Bhattacharjee, S., Day, R., and **Bergman, D.** (2024). A decision support framework for integrated lane identification and long-term backhaul collaboration using spatial analytics and optimization. *Decision Support Systems*, 114186.

Raghunathan, A.U., **Bergman, D.**, Hooker, J.N., Serra, T. and Kobori, S. (2024). Seamless Multimodal Transportation Scheduling. *INFORMS Journal on Computing*, 36(2), 336-358.

Wang, K., Lozano, L., Cardonha, C., and **Bergman, D.**. (2023). Optimizing over an ensemble of trained Neural Networks. *INFORMS Journal on Computing*, 35(3), 652-674. (FEATURE ARTICLE)

Bergman, D., Cardonha, C., Imbrogno, J., and Lozano, L. (2023). Optimizing the expected maximum of two linear functions defined on a multivariate gaussian distribution. *INFORMS Journal on Computing*, 35(2), 304–317.

Imbrogno, J., and **Bergman, D**. (2022). Computing the Number of Winning NFL Survivor Pool Entries. *The College Mathematics Journal*, 53(4), 282–291.

Cardonha, C., **Bergman, D.**, and Day, R. (2022). Maximizing student opportunities for in-person classes under pandemic capacity reductions. *Decision Support Systems*, 154, 113697.

Atef Yekta, H., **Bergman, D.**, and Day, R. (2022). Balancing stability and efficiency in team formation as a generalized roommate problem. *Naval Research Logistics (NRL)*, 70(1), 72–88.

Cappart, Q., Bergman, D., Rousseau, L.-M., Prémont-Schwarz, I., and Parjadis, A. (2022). Improving variable orderings of approximate decision diagrams using reinforcement learning. *INFORMS Journal on Computing*, 34(5), 2552–2570.

Mehrani, S., Cardonha, C., and **Bergman, D.** (2022). Models and algorithms for the Bin-packing problem with minimum color fragmentation. *INFORMS Journal on Computing*, 34(2), 1070–1085.

Serra, T., Huang, T., Raghunathan, A. U., and **Bergman, D.** (2022). Template-Based Minor Embedding for Adiabatic Quantum Optimization. *INFORMS Journal on Computing*, 34(1), 427–439. https://doi.org/10.1287/ijoc.2021.1065

Bergman, D., Bodur, M., Cardonha, C., and Cire, A. A. (2022). Network models for multiobjective discrete optimization. *INFORMS Journal on Computing*, 34(2), 990–1005.

Bergman, D., Huang, T., Brooks, P., Lodi, A., and Raghunathan, A. U. (2022). JANOS: An integrated predictive and prescriptive modeling framework. *INFORMS Journal on Computing*, 34(2), 807–816. (FEATURE ARTICLE)

Emadikhiav, M., **Bergman, D.**, and Day, R. (2020). Consistent routing and scheduling with simultaneous pickups and deliveries. *Production and Operations Management*, 29(8), 1937–1955.

Lozano, L., **Bergman, D.**, and Smith, J. C. (2020). On the consistent path problem. *Operations Research*, 68(6), 1913–1931.

Bergman, D, and Lozano, L. (2021). Decision diagram decomposition for quadratically constrained binary optimization. *INFORMS Journal on Computing*, 33(1), 401–418.

Huang, T., **Bergman, D.**, and Gopal, R. (2019). Predictive and prescriptive analytics for location selection of add-on Retail Products. *Production and Operations Management*. https://doi.org/10.1111/poms.13018

Bergman, D. (2019). An exact algorithm for the quadratic multiknapsack problem with an application to event seating. INFORMS Journal on Computing, 31(3), 477–492.

Bergman, D., Cardonha, C., Cire, A.A. and Raghunathan, A. (2019). On the Minimum Chordal Completion Polytope. *Operations Research*, 67(2), 532-547.

Bergman, D., and Cire, A. A. (2018). Discrete nonlinear optimization by state-space decompositions. *Management Science*, 64(10), 4700–4720.

Bergman, D. and Imbrogno, J.P. (2017). Surviving an NFL Survival Pool. *Operations Research*, volume 65(4), pages 1343-1354, 2017.

Bergman, D., Cire, A.A., van Hoeve, W.-J., and Hooker, J.N. (2016). Discrete Optimization with Decision Diagrams. *INFORMS Journal on Computing*, volume 18(1), pages 47-66, 2016.

Bergman, D. and Cire, A.A. (2016). Theoretical Insights and Algorithmic Tools for Decision Diagram-Based Optimization. *Constraints*, volume 21(4), pages 533-556, 2016.

Bergman, D., Cire, A.A. and van Hoeve, W.-J. (2015). Lagrangian Bounds from Decision Diagrams. *Constraints*, volume 20(3), pages 346-361, 2015.

Bergman, D., Cire, A. A., van Hoeve, W.-J., and Hooker, J.N. (2014). Optimization Bounds from Binary Decision Diagrams. *INFORMS Journal on Computing*, volume 26(2), pages 253-268, 2014.

Bergman, D. and Hooker, J. N.. (2014). Graph coloring inequalities from all-different systems. *Constraints*, volume 19(4) pages 404-433, 2014.

Bergman, D., Cire, A.A., and van Hoeve, W.-J. (2014). MDD Propagation for Sequence Constraints. *Journal of Artificial Intelligence Research*, volume 50, pages 697-722, 2014.

Bergman, D., Cire, A.A., van Hoeve, W.-J., and Yunes, T. (2014). BDD-Based Heuristics for Binary Optimization. *Journal of Heuristics*, volume 20(2), pages 211-234, 2014.

Refereed Conference Publications [1]

Wang, K., Lozano, L., **Bergman, D.**, and Cardonha, C. (2021). A two-stage exact algorithm for optimization of Neural Network Ensemble. Integration of Constraint Programming, Artificial Intelligence, and Operations Research, 106–114.

Goyal, M., **Bergman, D.**, and Duggirala, P. S. (2020). Generating longest counterexample: On the cross-roads of mixed integer linear programming and Smt. 2020 American Control Conference (ACC).

T. Serra, A.U. Raghunathan, **D. Bergman**, J.N. Hooker, and S. Kobori. Last-Mile Scheduling Under Uncertainty. *CPAIOR 2019*, accepted.

D. Bergman, C.H. Cardonha, and S. Mehrani. Binary Decision Diagrams for Bin Packing with Minimum Color Fragmentation. *CPAIOR 2019*, accepted.

Q. Cappart, E. Goutierre, **D. Bergman**, and L.M. Rousseau. Improving Optimization Bounds using Machine Learning: Decision Diagrams meet Deep Reinforcement Learning. *Proceedings of the 33rd AAAI Conference on Artificial Intelligence (AAAI 2019)*, accepted, 2018.

A.U. Raghunathan, **D. Bergman**, J.N. Hooker, T. Serra and S. Kobori. The Integrated Last-Mile Transportation Problem (ILMTP). *Proceedings of the International Conference on Automated Planning and Scheduling (ICAPS 2018)*, pages 388-398, 2018.

D. Bergman and A.A. Cire. On Finding the Optimal Relaxed Decision Diagram. *Proceedings of the International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems (CPAIOR 2017)*, volume 10335 of Lecture Notes in Computer Science, pages 41-50, 2017.

D. Bergman and A.A. Cire. Multiobjective Optimization by Decision Diagrams. *Proceedings of the International Conference on Principles and Practice of Constraint Programming (CP 2016)*, volume 9892 of Lecture Notes in Computer Science, pages 86-95, 2016.

D. Bergman and A.A. Cire. Decomposition Based on Decision Diagrams. *Proceedings of the International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems (CPAIOR 2016)*, volume 9676 of Lecture Notes in Computer Science, pages 45-54, 2016.

D. Bergman, A.A. Cire, and W.-J van Hoeve. Improved Constraint Propagation via Lagrangian Decomposition. *Proceedings of the International Conference on Principles and Practice of Constraint Programming (CP 2015)* , volume 9255 of Lecture Notes in Computer Science, pages 30-38, 2015.

D. Bergman and A. Raghunathan. A Benders Approach to the Minimum Chordal Completion Problem. *Proceedings of the International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems (CPAIOR 2015)* , volume 9075 of Lecture Notes in Computer Science, pages 47-64, 2015.

D. Bergman, A.A. Cire, A. Sabharwal, H. Samulowitz, W.-J van Hoeve. DDX10: Parallel Combinatorial Optimization with Decision Diagrams. *Proceedings of the International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems (CPAIOR 2014)* , volume 8451 of Lecture Notes in Computer Science, pages 351-367, 2014.

D. Bergman, A.A. Cire, W.-J. van Hoeve, and J.N. Hooker. Variable Ordering for the Application of BDDs to the Maximum Independent Set Problem. *Proceedings of*

[1] Note that refereed conference proceedings are the preferred academic outlet in computer science

the International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems (CPAIOR 2012), volume 7298 of Lecture Notes in Computer Science, pages 34-49, 2012.

D. Bergman and J.N. Hooker. Graph Coloring Facets from All-Different Systems. *Proceedings of the International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems (CPAIOR 2012)*, volume 7298 of Lecture Notes in Computer Science, pages 50-65, 2012.

D. Bergman, W.-J. van Hoeve, and J.N. Hooker. Manipulating MDD Relaxations for Combinatorial Optimization. *Proceedings of the International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems (CPAIOR 2011)*, volume 6697 of Lecture Notes in Computer Science, pages 20-35, 2011.

Extended Abstracts

T. Huang, **D. Bergman**, and R. Gopal [Abstract]. Predictive and Prescriptive Analytics for Location Selection of Add-on Retail Products. *2019 INFORMS Workshop on Data Mining and Decision Analytics.*

D. Bergman. New Techniques for Discrete Optimization [Extended Dissertation Abstract]. *Constraints*, volume 20(4), pages 486-487, 2015.

D. Bergman, A. A. Cire, W.-J. van Hoeve, and J.N. Hooker. Discrete Optimization with Decision Diagrams [Extended Abstract]. *Proceedings of the International Conference on Principles and Practice of Constraint Programming (CP 2015)* , to appear.

D. Bergman, A.A. Cire and W.-J. van Hoeve. MDD Propagation for Sequence Constraints [Extended Abstract]. *Proceedings of the International Conference on Principles and Practice of Constraint Programming (CP 2015)* , to appear.

D. Bergman, A.A. Cire, and W.-J van Hoeve. Lagrangian Bounds from Decision Diagrams [Extended Abstract - Paper Selected for *Journal Fast Track*]. *Proceedings of the International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems (CPAIOR 2015)* , volume 9075 of Lecture Notes in Computer Science, page XIV, 2015.

D. Bergman, A.A. Cire, W.-J van Hoeve, and J.N. Hooker. Optimization Bounds from Binary Decision Diagrams [Extended Abstract]. *Proceedings of the International Conference on Principles and Practice of Constraint Programming (CP 2014)* , volume 8656 of Lecture Notes in Computer Science, pages 903-907, 2014.

Media Mentions

In the business of winning: How a DFS champ used analytics to win $2.5M. ESPN, September 8, 2021.

UConn Today Feature Article on Surviving an NFL Survival Pool, published in *Operations Research.*

Teaching Experience

Instructor

OPIM 6204: Seminar in Operations Research, Fall 2024. Fall 2022. Spring 2021.

- Doctoral-level course in the Ph.D. degree program at the University of Connecticut
- Course focuses an introduction to optimization.

OPIM 5603: Statistics in Business Analytic, Spring 2025, Fall 2022, Spring 2020, Fall 2019, Fall 2018, Fall 2017.

- Graduate course in the Business Analytics and Project Management M.S. degree program at the University of Connecticut
- Course includes `R` programming and an introduction to probability and statistics

OPIM 5641: Business Decision Modeling. Spring 2025, Summer 2024, Summer 2023, Spring 2023, Summer 2022, Spring 2022, Summer 2021, Fall 2021, Spring 2016.

- Graduate course in the Business Analytics and Project Management M.S. degree program at the University of Connecticut
- Course includes spreadsheet modeling and optimization in Python.

OPIM 3510: Business Data Analytics. Fall 2015, Spring 2015, Fall 2014.

- Undergraduate course in Business Data Analytics major in the School of Business at the University of Connecticut
- Course includes data visualization, predictive analytics, and optimization

OPIM 5272: Business Process Modeling and Data Management. Fall 2020, Fall 2019, Fall 2018, Spring 2018, Fall 2017, Fall 2014, Spring 2014, Fall 2013.

- Graduate course in the Business Analytics and Project Management M.S. degree program at the University of Connecticut
- Course covers database design and implementation

OPIM 3506: Business Application Programming. Spring 2014, Fall 2013.

- Undergraduate course in the Business and Technology major in the School of Business at the University of Connecticut
- Course covers programming for developing applications for businesses Required course in the Business and Technology major
- Course is fully administered online, including assignments, exams, lectures, etc.

BUS 70-374: Forecasting and Data Mining. Spring 2011.

- Undergraduate course in the Tepper School of Business at Carnegie Mellon University
- Upper-level elective course for Business major
- Designed this new course, including the drafting of all course materials, which are still used today, both in undergraduate and graduate courses at Carnegie Mellon University

Service

University of Connecticut

- Interim Associate Dean, Faculty & Research. PhD. Coordinator, Faculty Search Committee Member, Journal Evaluation Committee, Qualifying Exam Committee, Qualifying Paper Committee, PhD Recruiting Committee, Merit Policy Committee, PTR Committee, Masters Committee, SET Plus Committee, Teaching and Excellence Committee Member.

Association for Constraint Programming

- President (2023-2024)
- Secretary (2021-2022)
- Voted as member of Executive Committee (2021-2024)

Conference Program Committee Member

- CPAIOR - International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023

- CP - International Conference on Principles and Practice of Constraint Programming, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023
- AAAI - Conference on Artificial Intelligence, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023
- IJCAI - International Joint Conference on Artificial Intelligence, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023
- ICORES - International Conference on Operations Research and Enterprise Systems, 2017, 2018
- Lash - Workshop on Logic and Search, 2014.

Conference Organization

- CP 2019 - Conference Chair
- CPAIOR 2018 - Master Class Chair
- CP 2018 - Operations Research Track - Chair
- CP 2017 - Operations Research Track - Chair
- CORS/INFORMS International Conference 2015 - Cluster Chair, Session Chair
- CP 2015 - Doctoral Program Chair
- CPAIOR 2015 - Publicity Chair, Session Chair
- CPAIOR 2016 - Session Chair
- ACP Summer School 2016 - Co-organizer

Competitions

- 2018 INFORMS Student Competition Judge

Professional Memberships

- The Institute for Operations Research and the Management Sciences (INFORMS); INFORMS New York Metro Chapter

Reviewer

- Swiss National Science Foundation Ambizione Grant reviewer
- Ad-hoc reviewer for the following journals: INFORMS Journal on Computing; International Conference on Principles and Practice of Constraint Programming; International Conference on Integration of Artificial Intelligence and Operations Research Techniques in Constraint Programming; International Joint Conference on Artificial Intelligence; Journal of Combinatorial Optimization; The Journal of Artificial Intelligence Research; Mathematical Programming Computation; Constraints; Annals of Mathematics and Artificial Intelligence; Production and Operations Management; Management Information Systems Quarterly. European Journal of Operational Research; Production and Operations Management.