OPERATIONS RESEARCH CENTER

2019-2020 Awards & Honors

Michael Alley, Max Biggs (PhD '19), Rim Hariss (PhD '19), Charles Herrmann (MBAn), Michael Li and Georgia Perakis were finalists in 2019 MSOM Practice-Based Paper Competition for their paper, "Pricing for Heterogeneous Products: Analytics for Ticket Reselling."

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Manufacturing-and-Service-Operations-Management/MSOM-Practice-Based-Research-Competition

Arielle Anderer, Hamsa Bastani, and **John Silberholz** (PhD '15), won the 2019 Pierskalla Best Paper Award for their paper, "Adaptive Clinical Trial Designs with Surrogates: When Should We Bother."

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Health-Applications-Society/Pierskalla-Best-Paper-Award

Lennart Baardman (PhD '19), Setareh Borjian (SM '15), Tamar Cohen-Hillel, Kiran Panchamgam and Georgia Perakis received honorable mention (second place) in the 2019 MSOM Practice Based Best Paper competition for their paper, "Detecting Customer Trends for Optimal Promotion Targeting" which will appear in the Manufacturing & Service Operations Management (MSOM) journal. The purpose of this award as listed by the MSOM Society is: "The objectives of the M&SOM Practice-Based Research Competition are to motivate, help develop, reward and highlight high-quality OM research papers with significant practical relevance, and to publish these papers in the MSOM Journal."

The same paper was also a finalist in the INFORMS Best Service Science Paper Award competition for their paper, "Detecting Customer Trends for Optimal Promotion Targeting" which will appear in the Manufacturing & Service Operations Management (MSOM) journal.

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Service-Science-Section/Best-Student-Paper-Award-Competition

as well as in the INFORMS Social Media Analytics Section Best Student Paper Award for their paper, "Detecting Customer Trends for Optimal Promotion Targeting."

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3242529

and in the Innovative Analytics Applications Award for their paper, "Detecting Customer Trends for Optimal Promotion Targeting."

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3242529

Lennart Baardman (PhD '19), **Elaheh Fata**, Abhishek Pani, and **Georgia Perakis** were finalists in the INFORMS Best Service Science Paper Award competition for their paper, "Learning Optimal Online Advertising Portfolios with Periodic Budgets."

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Service-Science-Section/Best-Student-Paper-Award-Competition

Hamsa Bastani, **Pavithra Harsha** (PhD '09), **Georgia Perakis** and **Divya Singhvi** won Second Place in INFORMS Best Service Science Paper Award competition for their paper, "Sequential Learning of Product Recommendations with Customer Disengagement."

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Service-Science-Section/Best-Student-Paper-Award-Competition

Mohammed Amine Bennouna won Ecole Polytechnique's Grand Prize of Research Internship in the category of Applied Mathematics.

Dimitris Bertsimas received the 2019 INFORMS Presidents Award.

https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/INFORMS-President-s-Award

Dimitris Bertsimas won the 2019 John von Neumann Theory Prize. https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/John-von-Neumann-Theory-Prize

Dimitris Bertsimas, Arthur Delarue (PhD), **Patrick Jaillet**, and **Sebastian Martin** (PhD '19) were finalists in the 2019 INFORMS Data Mining Competition for their paper, "The Price of Interpretability: Optimal Explanations of Linear Model."

Dimitris Bertsimas, Arthur Delarue (PhD) and **Sebastian Martin** (PhD '19) were finalists in the 2019 INFORMS Edelman Competition for their work with the Boston Public School System.

Dimitris Bertsimas, Ryan Cory-Wright, and **Jean Pauphilet** won first place in the 2019 INFORMS Computing Society, Best Student Paper Award for their paper, "A Unified Approach to Mixed-Integer Optimization: Nonlinear Formulations and Scalable Algorithms."

https://www.informs.org/Recognizing-Excellence/Community-Prizes/INFORMS-Computing-Society/ICS-Student-Paper-Award

Maxime Cohen (PhD '15), Ruben Lobel (PhD '12), and Georgia Perakis won the Best OM Paper in Management Science award for their paper, "The Impact of Demand Uncertainty on Consumer Subsidies for Green Technology Adoption", Management Science, Vol. 62, No. 5, 2015.

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Manufacturing-and-Service-Operations-Management/Best-OM-Paper-in-Management-Science

as well as received an honorable mention in the 2019 ENRE Best Publication Award in Environment and Sustainability. https://pubsonline.informs.org/doi/abs/10.1287/mnsc.2015.2173

Maxime Cohen (PhD '15) was a finalist in the 2019 INFORMS Data Mining Section Best Paper Competition along with K. Jiao, and R. Zhang for their paper, "Data Aggregation and Demand Prediction," (working paper).

Maxime Cohen (PhD '15), G. Allon, and W. P. Sinchaisri were finalists in the 2019 INFORMS BOM Section Best Working Paper Competition for their paper, "The Impact of Behavioral and Economic Drivers on Gig Economy Workers," (working paper).

Maxime Cohen (PhD '15), Daniel Guetta, Kevin Jiao, and Foster Provost were finalists in the 2019 INFORMS Case Competition for their paper, "Data-Driven Investment Strategies for Peer-to-Peer Lending".

Peter Cohen and **Colin Fogarty** received a Young Investigator Award from the Section on Statistics in Epidemiology (SIE) of the American Statistical Association (ASA) for the paper titled "Gaussian Prepivoting for Finite Population Causal Inference"

https://arxiv.org/abs/2002.06654

Louis Anthony Cox Jr. (PhD '96) became an INFORMS Fellow.

Richard de Neufville won the Robert Horonjeff Award, American Society of Civil Engineers, 2019 (For contribution to Airport Systems Planning, Design, and Management).

https://www.asce.org/transportation-and-development/news/20190222-richard-de-neufville-announced-as-winner-of-robert-horonjeff-award/

Richard de Neufville won Gold Medal of 100th Anniversary, Poznan University of Technology, 2019 (for contributions to development of Master in Construction Technology Management).

Richard de Neufville won Silver Medal for Effective Teaching, Division of Construction Technology, Poznan University of Technology 2019.

Celia Escribe won Ecole Polytechnique's Best Research Internship Award in the category of Statistical and Probabilistic Modelling.

Hamza Fawzi, **Pablo A. Parrilo**, and **James Saunderson** (PhD '15, (now Lecturer at Monash U., Melbourne), have been selected to receive the 2020 SIAM Activity Group on Optimization Best Paper Prize (SIAG/OPT Best Paper Prize) for the paper "Semidefinite Approximations of the Matrix Logarithm," published in Foundations of Computational Mathematics (April 2019).

https://www.siam.org/prizes-recognition/activity-group-prizes/detail/siag-opt-best-paper-prize

Chong Yang Goh (PhD '18), Chiwei Yan (PhD '17), and Patrick Jaillet were finalists in the POMS-JD 2019 Best Data-Driven Research Paper Competition for their paper, "Estimating Primary Demand in Bike-Sharing Systems".

Bruce L. Golden (PhD '76) received the 2019 INFORMS Robert Herman Lifetime Achievement Award. This award is presented to individuals who throughout his or her professional career has made fundamental and sustained contributions to transportation science and logistics, and has influenced the field through her or his writings, teaching, service, and nurturing of younger professionals.

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Transportation-Science-and-Logistics-Section/Robert-Herman-Lifetime-Achievement-Award

Negin Golrezaei, Hamid Nazerzadeh and Ramandeep S. Randhawa were finalists for their paper entitled "Dynamic Pricing for Heterogeneous Time-Sensitive Customer" in the 2019 Best Service Science Paper Award. The paper will appear in the Manufacturing & Service Operations Management (MSOM) journal. https://pubsonline.informs.org/doi/10.1287/msom.2018.0763

Hussein Hazimeh and **Rahul Mazumder** were runners up in the 2019 Mixed Integer Programming (MIP) Workshop Student poster competition for "Learning Sparse Hierarchical Interactions at Scale". https://sites.google.com/view/mipworkshop2019/posters

John Hull, **Andrew Lo**, and **Roger Stein** received the 2019 Harry M. Markowitz from the Journal of Investment Management for the paper "Funding Long Shots".

https://www.bloomberg.com/press-releases/2020-01-28/the-journal-of-investment-management-and-new-frontier-advisors-name-2019-harry-m-markowitz-award-winners

Alexandre Jacquillat and Vikrant Vaze (PhD '13) won the 2019 INFORMS Transportation Science and Logistics Society prize for Outstanding Paper in Air Transportation for their paper, "Interairline Equity in Airport Scheduling Interventions" (Transportation Science (2018) 52(4):941-964).

https://www.informs.org/Recognizing-Excellence/Community-Prizes/Transportation-Science-and-Logistics-Section/Outstanding-Paper-in-Air-Transportation

Retsef Levi, Elisabeth Paulson, and **Georgia Perakis** were finalists in the INFORMS Best Service Science Paper Award competition for their paper, "Optimal Interventions for Increasing Healthy Food Consumption Among Low-Income Populations."

https://www.informs.org/Recognizing-Excellence/Colobemmunity-Prizes/Service-Science-Section/Best-Student-Paper-Award-Competition

Retsef Levi, Manoj Rajan, **Somya Singhvi**, and **Yanchong (Karen) Zheng** won the best student paper award in the INFORMS competition "Doing Good with Good OR" for their paper, "Improving Farmers' Income on Online Agriplatforms: Theory and Field Implementation of a Two-stage Auction."

https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/Doing-Good-with-Good-OR-Student-Paper-Competition

as well as First Place in the 2020 POMS College of Supply Chain Management Student Paper Competition https://www.poms.org/colleges/cscm/

the People's choice Award, Early Career Sustainable OM Workshop,
https://www.scheller.gatech.edu/centers-initiatives/ray-c-anderson-center-for-sustainable-business/news/articles/Early-Career-Sustainable-Operations-Workshop.html

and finally, won First Place in the 2020 POMS College of Sustainable Operations Student Paper Competition.

Meghna Lowalekar, Pradeep. Varakantham, and **Patrick Jaillet** won the Best Applications Paper Award ICAPS 2019, for their paper "ZAC: A Zone pAth Construction Approach for Effective Real Time Ride Sharing."

Sebastien Martin (PhD '19) won the 2019 George B. Dantzig Dissertation Award. https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/George-B.-Dantzig-Dissertation-Award

Sebastien Martin (PhD '19) won the 2019 Transportation Science Dissertation Award. https://connect.informs.org/tsl/awards/dissertation

Eytan H Modiano won the Infocom Achievement Award for 2020. https://infocom2020.ieee-infocom.org/awards

Liangyuan (Irra) Na received an Honorable Mention for the 2019 INFORMS Undergraduate Operations Research Prize. https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/Undergraduate-Operations-Research-Prize

Milashini Nambiar (PhD '19), David Simchi-Levi and He Wang (PhD '16) won the Best Student Paper award in the MSOM Student Paper Competition for their paper, "Dynamic Learning and Pricing with Model Misspecification." https://www.informs.org/Recognizing-Excellence/Community-Prizes/Manufacturing-and-Service-Operations-Management/MSOM-Student-Paper-Competition

Chung-Piaw Teo (PhD '96) became an INFORMS Fellow.

Caroline Uhler was awarded a 2019 Simons Investigator in Mathematical Modeling of Living Systems. https://www.simonsfoundation.org/grant/simons-investigators/?tab=awardees