

INFORMS Health Applications Society

Spring 2025 Newsletter

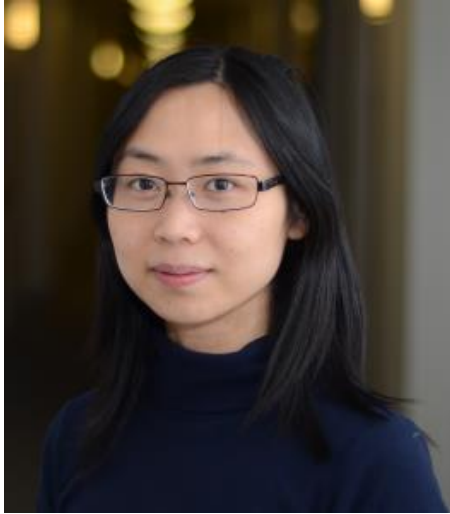


<http://www.informs.org/Community/HAS>

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Message from the President



It is a great honor to serve as President of the Health Applications Society (HAS) this year. Over the past decade and a half, my journey with INFORMS has allowed me to witness the incredible growth and evolution of our community. I am deeply grateful to both our long-standing members and those who have recently joined—your contributions are the foundation of HAS’s continued success.

I am fortunate to work alongside an exceptional Executive Team, including Pengyi Shi, Mariel Lavieri, Hrayr Aprahamian, Hyojung Kang, Wesley Marrero, Melike Yildirim, Huaiyang Zhong, Gian-Gabriel Garcia, Gizem Nemutlu, Reza Skandari, and Jennifer Lobo. Their commitment to fostering innovative programming and

meaningful engagement within our society is truly inspiring. I also want to extend my heartfelt thanks to the Executive Team members who completed their service last year—Mariel Lavieri, Timothy Chan, Justin J. Boutilier, Karen Hicklin, and Lauren Steimle—for their dedicated service and invaluable contributions over the years.

I am excited to share several key initiatives currently underway:

- **International Engagement:** Dr. Reza Skandari will lead a new role within the HAS leadership team — International Council Member. This position underscores our commitment to expanding global engagement within the Operations Research and Management Sciences (OR/MS) community, with several exciting initiatives in development.
- **2025 HAS Best Student Paper Competition:** The competition will take place during the 2025 INFORMS Annual Meeting. While this event traditionally occurs at the INFORMS Healthcare Conference, this year’s conference has been postponed. To maintain continuity, HAS will host the competition at the Annual Meeting instead.
- **Website Modernization:** Wesley Marrero, in collaboration with our student liaisons, is leading a comprehensive update of the HAS website. This effort aims to modernize the site, improve navigation, and align it with our current initiatives, while also adding new content and features to boost accessibility and user engagement.
- **Online Seminar Series:** Gian-Gabriel Garcia and Melike Yildirim continue to organize an outstanding virtual seminar series, with a dynamic lineup of engaging sessions planned for the year ahead.

- **Annual Meeting Cluster Planning:** Pengyi Shi and Lauren Steimle are chairing the HAS cluster for the 2025 INFORMS Annual Meeting, organizing an exceptional lineup of over 50 sessions. Given session constraints, we hope to feature a poster session outside our HAS business meeting to increase opportunities for our members to share work. We will also be featuring several panels on a variety of topics, including bridging practice and theory, early career guidance, tips for PhD students, equity, and junior faculty highlights.
- **Student Engagement:** Our student liaisons—Abel Sapirstein, Ming Luo, Amirhossein Moosavi, Sonza Singh, Yiwen Cao, and Yinsheng Wang—are playing a vital role in shaping HAS activities for the upcoming Annual Meeting. Their efforts include increasing student representation in society initiatives, leading social media and communications with a student focus, assisting cluster chairs, and contributing to the newsletter. If you are a student interested in getting more involved, we encourage you to apply to become a student liaison next year!
- **Awards and Recognition:** Our tradition of recognizing excellence continues this year. Many thanks to Arielle Anderer for chairing the Bonder Award Committee, Jackie Baek and Jónas Oddur Jónasson for leading the Pierskalla Award Committee, and Brian Denton for overseeing the Mehrotra Award Committee. Additional details are available in the awards section of this newsletter.

Healthcare continues to be a cornerstone of societal well-being, and our community plays a crucial role through research, education, and partnerships with practitioners. I am humbled by the collective achievements of our members and inspired by what lies ahead. Wishing you all a year filled with good health, happiness, and impactful work!

Warm regards,



Sze-chuan Suen
2025 INFORMS HAS President
Associate Professor Industrial and Systems Engineering
University of Southern California

2024 Bonder Scholarship for Applied Operations Research in Health Services

As announced at the HAS business meeting, the 2024 Bonder Scholarship was awarded to Che-Yi Liao from Georgia Tech for his research titled Data-Centric Healthcare OR: From Public Health to Personalized Medicine. Che-Yi's research advisors are Dr. Gian-Gabriel García and Dr. Kamran Paynabar.



Congratulations to Che-Yi Liao and many thanks to this year's award committee chairs, Pooyan Kazemian and Jennifer Mason, and to the evaluation committee involved.

About the Bonder Scholarship: The purpose of the Bonder Scholarship for Applied Operations Research in Health Services is to promote the development and application of operations research analyses in healthcare design, delivery, and operations. The scholarship provides funding of \$5,000 to support the development of promising new researchers in healthcare operations research.

2024 Pierskalla Award

As announced at the HAS business meeting, the 2024 Pierskalla Best Paper award goes to **Jackie Baek, Justin Boutilier, Vivek Farias, Jónas Oddur Jónasson, and Erez Yoeli** for their paper, “Policy Optimization for Personalized Interventions in Behavioral Health.”



Runner-up:

- Cristobal Pais, Jianfeng Liu, Robert Voigt, Elizabeth Wade, Vin Gupta, and Mohsen Bayati. “Large Language Models for Preventing Medication Direction Errors in Online Pharmacies”.

Finalists:

- Douglas R. Bish, Ebru K. Bish, Hussein El Hajj. “Disease Bundling or Specimen Bundling? Cost- and Capacity-Efficient Strategies for Multi-disease Testing with Genetic Assays”.
- Fernanda Bravo, Ashvin Gandhi, Jingyuan Hu, Elisa Long. “Closer to Home: An Estimate-then-Optimize Approach to Improve Access to Healthcare Services”.

Congratulations to the winners, runners-up, and all the finalists on this achievement! Many thanks to the chairs, Rafid Mahmood and Ian Yihang Zhu, and to all the judges involved.

About the Pierskalla Best Paper Award: The Pierskalla Award recognizes research excellence in the field of health care management science. The award includes a \$1,000 honorarium for the best paper presented in a Health Applications Section-sponsored session at the annual INFORMS conference. The award is named after Dr. William Pierskalla to recognize his contributions and dedication to improving health services delivery through operations research.

Dr. Pierskalla is a Distinguished Professor Emeritus at the Anderson School at UCLA and the Ronald A. Rosenfeld Professor Emeritus at The Wharton School, University of Pennsylvania. He serves as an editor for numerous operations research journals.

2024 Sanjay and Panna Mehrotra Research Excellence Award

As announced at the HAS business meeting, the 2024 Sanjay and Panna Mehrotra Research Excellence Award went to Mehmet Ayvaci from University of Texas at Dallas for significant contributions to the practice of health applications through operations research (OR) and management science (MS) modeling and methodologies. His research broadly explores the economics of information and information technology in healthcare, with a specific focus on algorithmic decision-making, artificial intelligence, and human behavior. His interdisciplinary research combines decision theory, game theory, econometrics, and machine learning.



Finalists:

- Mustafa Akan, Carnegie Mellon University
- Tugce Martagan, Eindhoven University of Technology

Congratulations to the winner and finalists! Many thanks to chair Susan Lu and committee members Tinglong Dai and Sridhar Seshadri.

About the Sanjay and Panna Mehrotra Research Excellence Award: The Sanjay and Panna Mehrotra Research Excellence Award recognizes a mid-career researcher for their significant contributions to the practice of health applications through operations research (OR) and management science (MS) modeling and methodologies. Named in honor of Professor Sanjay Mehrotra and his wife, the award celebrates Professor Mehrotra's dedication to translating OR/MS modeling and methodology research into practice, thereby improving the quality and efficiency of healthcare systems. It will be presented at the Health Applications Society Business Meeting during the INFORMS annual meeting. Dr. Mehrotra, a professor in the Department of Industrial Engineering and Management Sciences at Northwestern University, has served on the Editorial Board of numerous operations research journals. The award includes a \$1,000 honorarium.

2025 HAS Best Student Paper Competition



We are pleased to announce that the 2025 Health Applications Society (HAS) Best Student Paper Competition will be held during the 2025 INFORMS Annual Meeting. Although this competition has historically been hosted at the INFORMS Healthcare Conference, this year's conference was postponed. In response, HAS has chosen to continue the tradition by organizing the competition at the Annual Meeting instead.

The HAS Best Student Paper Competition aims to recognize and encourage exceptional student research in health care applications, with a particular emphasis on work that utilizes operations research, analytics, or management science methodologies. The objective is to highlight innovative,

student-led research that addresses pressing challenges in health care delivery, policy, or operations. Ultimately, the competition seeks to promote the use of analytical approaches to improve health outcomes and the efficiency of health systems.

We invite students conducting research in health care applications to submit one paper for consideration. Applicants are also encouraged to submit their work for presentation at the 2025 INFORMS Annual Meeting, which will be held in Atlanta, GA, from October 26–29, 2025. A panel of leading health care scholars will serve as judges and will evaluate submissions based on the quality, novelty, and importance of the methodology, the contribution to health care research, and the potential impact on practice.

Four finalists will be selected and notified. Finalists must register for the INFORMS Annual Meeting and present their work in a special session at the conference. Presentation quality will factor into the selection of the first and second prize winners, who will be announced during the conference. The awards are as follows:

- First Prize: \$750
- Second Prize: \$500
- Finalist: \$250 each.

More information about selection criteria, eligibility, the application process, and submission details can be found here: <https://connect.informs.org/healthapplications/awards/has-student-paper-competition>

We extend our sincere thanks to the competition chairs, Osman Ozaltin (North Carolina State University) and Sait Tunc (Virginia Tech), for their leadership in organizing this important event.

2025 INFORMS HAS Awards and Deadlines

2025 Bonder Scholarship in Applied Operations Research in Health Services

Committee chair: Arielle Anderer

Submission deadline: June 30, 2025

Applicants will be notified with the results of the competition before September 2024.

2025 Pierskalla Award

Committee chair: Jackie Baek and Jónas Oddur Jónasson

Submission deadline: June 15, 2025

The winning paper will be announced at the HAS Business Meeting during the 2025 INFORMS Annual Meeting. More information regarding submission guidelines and eligibility criteria can be found here: <https://connect.informs.org/healthapplications/awards/pierskalla-award>

2025 Sanjay and Panna Mehrotra Research Excellence Award

Committee chair: Brian Denton

Submission deadline: July 18, 2025

Up to three finalists will be selected and invited to present their work at the 2025 INFORMS Annual Meeting in a session sponsored by the Health Applications Society and devoted to the competition.

2025 HAS Best Student Paper Competition

Committee chair: Osman Ozaltin and Sait Tunc

Submission deadline: May 30, 2025

Up to four finalists will be selected and notified.

2024 HAS Distinguished Lecturers Session

One of the highlights of the 2024 Health Applications Society events was our Distinguished Lecturers Session, which featured three eminent researchers whose work is shaping the future of health and healthcare through innovative applications of operations research and analytics.

1- Rema Padman, PhD

Heinz College of Information Systems and Public Policy
Carnegie Mellon University

2- Brian Denton, PhD

Department of Industrial and Operations Engineering
University of Michigan

3- Stefanos Zenios, PhD

Graduate School of Business
Stanford University



Each speaker shared unique insights into pressing challenges in healthcare, highlighting the breadth and depth of methodologies being applied to real-world problems. Topics included the optimization of active surveillance strategies for prostate cancer under model uncertainty; the application of operations research to organ allocation and the evaluation of healthcare administrative costs; and the use of AI, digital therapeutics, and advanced analytics to enhance health literacy and promote social good.

Collectively, these talks demonstrated how rigorous analytical methods can inform complex decisions, improve patient outcomes, and drive meaningful change across the healthcare landscape. The session was not only intellectually stimulating but also reinforced the vital role of operations research in addressing some of healthcare's most complex and urgent challenges. We extend our sincere thanks to our distinguished speakers for their impactful contributions and for inspiring continued innovation in our community.

New HAS Officer: International Council Member

We are thrilled to announce the creation of a new leadership position within the HAS team: International Council Member. This role marks a significant step forward in our mission to strengthen global engagement within the Operations Research and Management Sciences (OR/MS) community.

OR/MS is a profoundly international discipline, with impactful research and groundbreaking applications emerging from institutions across the globe. Recognizing this, the International Council Member will serve as a bridge between our U.S.-based community and our colleagues around the world. The overarching goal of this role is to foster deeper international collaboration, enhance the visibility of global research contributions, and create new opportunities for scholarly exchange.

The responsibilities of the International Council Member will span a wide range of initiatives, including but not limited to:

- Organizing HAS-sponsored sessions at prominent international OR/MS conferences, such as the biennial EURO Conference and the INFORMS International Conference.
- Coordinating panel discussions and roundtables with distinguished international experts to highlight diverse perspectives on pressing issues in the field.
- Launching an online seminar series featuring scholars and practitioners from various regions to promote dialogue, share insights, and cultivate connections across borders.
- Expanding our Research Spotlight section to regularly feature contributions from international faculty, showcasing their innovative work to a broader audience.
- Facilitating collaborative research and networking opportunities between HAS members and international institutions or societies.
- Serving as a liaison to identify strategic partnerships and joint ventures with OR/MS groups worldwide.



We are proud to announce that Dr. Reza Skandari will serve as the inaugural International Council Member. Dr. Skandari has already made impressive progress toward realizing the vision of this role. Notably, he has organized five HAS-sponsored technical sessions at the upcoming INFORMS International Conference in Singapore, which will feature exciting talks delivered by a diverse group of international scholars.

Additionally, thanks to Dr. Skandari's efforts, this edition of our newsletter includes a Research Spotlight featuring the work of an international faculty member—an initiative that exemplifies our commitment to elevating the global contributions to OR/MS.

We extend our sincere thanks to Dr. Skandari for his leadership, energy, and dedication. His work is laying a strong foundation for what we hope will become a long-standing and impactful tradition of global engagement within HAS.

We look forward to seeing the continued growth of this role and encourage our members to reach out with ideas or initiatives that align with this international vision.

HAS Virtual Seminar Series

The INFORMS Health Applications Society (HAS) is continuing its dynamic online seminar series aimed at fostering greater community engagement by connecting researchers in healthcare operations, medical decision-making, health systems and policy, and healthcare analytics.

For 2025, the advisory board features Gian-Gabriel Garcia (Georgia Tech) and Melike Yildirim (Wayne State University).

The seminar takes place on the fourth Friday of each month from January through September. Since launching in June 2021, the series has welcomed presentations from Nobel Laureates, INFORMS Fellows, top healthcare researchers, and prominent award recipients in the healthcare domain.

An impressive lineup of speakers is already confirmed for the summer sessions:

- *Dr. Nikos Trichakis (MIT)*
- *Dr. Nan Liu (Boston College)*
- *Dr. Qiushi Chen (Penn State)*
- *Dr. Stephen E. Chick (INSEAD)*

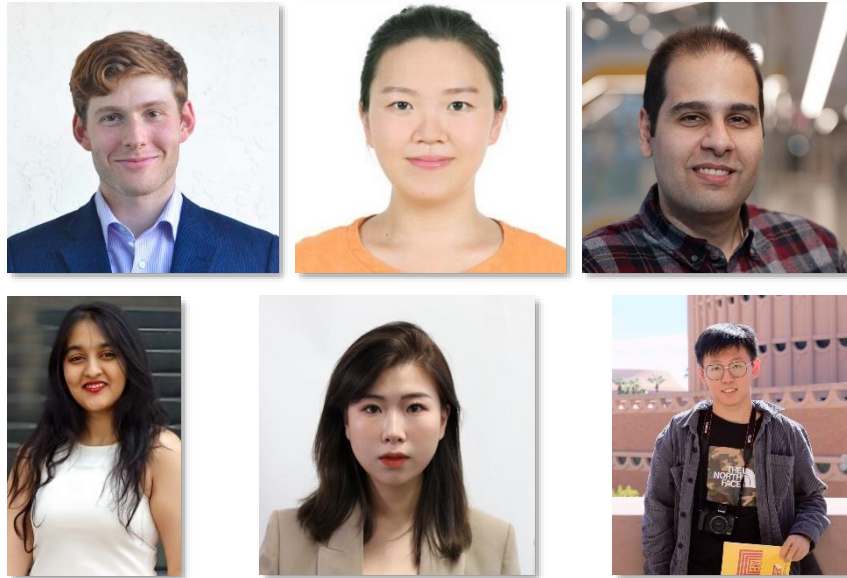
Visit our home page for the seminar series at <https://connect.informs.org/healthapplications/home> and stay tuned!

Please also join our Google Group (<https://groups.google.com/g/hasseminarseries>) or subscribe to our Mailing List (<https://forms.gle/49iDWihs5pU5RVwq6>) to receive the latest announcement on the upcoming seminars! If you have any questions, please feel free to contact us at hasseminarseries@gmail.com, and Twitter @informshas.

Thank you for your interest from the organizing committee: Gian-Gabriel Garcia (Georgia Tech) and Melike Yildirim (Wayne State University).

2025 HAS Student Liaisons

Shout out to our six awesome liaisons:



Top row, left to right: Abel Sapirstein (Georgia Institute of Technology), Ming Luo (Northeastern University), Amirhossein Moosavi (University of Michigan). Bottom row, left to right: Sonza Singh (University of Massachusetts), Yiwen Cao (University of Southern California), Yinsheng Wang (University of Washington).

Twitter: @HASstudent; LinkedIn: INFORMS Health Applications Society – Students

INFORMS HAS International Seminar Series: The INFORMS HAS International Seminar Series is a collegial forum where doctoral candidates and postdoctoral fellows from around the world present their healthcare analytics research to a broad, multidisciplinary audience. The series provides participants with an invaluable opportunity to practice clear, engaging communication and to receive feedback from a network of international peers—strengthening their work and expanding their professional community. Further details will be announced soon.

Interview with Dr. Sze-chuan Suen: The HAS student liaisons met with this year's HAS President, Dr. Suen, to learn more about her professional background, her advice for graduate school and early career, her plans for HAS, and what she likes to do for fun. The full interview can be found on the "Newsletters" page of the HAS website.

Research Spotlight: Lauren Steimle



Dr. Lauren N. Steimle is the Harold R. and Mary Anne Nash Early Career Professor and an Assistant Professor in the H. Milton Stewart School of Industrial and Systems Engineering at the Georgia Institute of Technology. She earned her Ph.D. and M.S.E. in Industrial and Operations Engineering from the University of Michigan, and her Bachelor's degree in Systems Science and Engineering from Washington University in St. Louis.

Dr. Steimle's research interests are in operations research and industrial engineering with applications to public health and medicine. Her work focuses on optimization, simulation, and predictive modeling to design effective, efficient, and equitable strategies for preventing and controlling diseases and adverse health outcomes at both the population- and

individual- levels. Her recent work focuses on maternal and child health, with a specific focus on systems of risk-appropriate maternal care and outbreak prevention and response for poliovirus.

In maternal health, there have been great advances in the clinical management of high-risk pregnancies, but leading medical societies have pointed to the need for more to be done at a systems-level to improve maternal health outcomes. Dr. Steimle's work focuses on the use of mathematical modeling and operations research approaches to evaluate and design systems of risk-appropriate maternal care to ensure that mothers and babies are able to access care that is appropriate for their risk in a timely manner. This work has been invited for talks to the Centers for Disease Control and Prevention's working group on Obstetric Unit Closures and featured by Atlanta News First, which is Atlanta's local CBS news affiliate.

Another on-going stream of her research involves mathematical modeling of poliovirus. While the Global Polio Eradication Initiative has successfully eradicated two of the three serotypes of poliovirus, a major challenge in achieving complete eradication is outbreaks of "circulating vaccine-derived poliovirus" (cVDPV). cVDPV outbreaks are caused when the oral poliovirus vaccine used to control outbreaks reverts to a form that has similar properties to wild poliovirus. Dr. Steimle's work in this area has used simulation modeling to inform resource allocation decisions related to outbreak prevention and response.

Her work has been supported by the Centers for Disease Control and Prevention, the National Science Foundation, and the Georgia Clinical & Translational Science Alliance. She is the recipient of the INFORMS Minority Issues Forum Best Paper Award, the Best Paper of IISE Transactions Focus Issue on Operations Engineering & Analytics, and the INFORMS Service Science Best Cluster Paper Award (Finalist).

Research Spotlight: Collin Drent



Collin Drent is an Assistant Professor of Operations Management in the School of Industrial Engineering at Eindhoven University of Technology (TU/e) in the Netherlands. He earned his PhD in Applied Mathematics (with highest honors) from TU/e in 2022. His dissertation received two prestigious national awards: the Willem R. van Zwet Award and the Beta PhD Award.

His doctoral research, conducted in collaboration with Philips Healthcare, focused on optimizing maintenance operations for deteriorating medical imaging systems such as interventional X-ray machines. Recognizing that each system deteriorates in its own unique way, Collin developed a novel mathematical framework for system-specific maintenance. This approach integrates Markov decision theory and Bayesian statistics to (i) learn unknown, system-specific

characteristics from real-time sensor data and (ii) optimally tailor the maintenance moment to each system, thereby moving beyond traditional one-size-fits-all policies.

This work exemplifies the broader paradigm of personalized decision-making, which harnesses the growing availability of individual-specific data to deliver tailored service decisions that adapt dynamically over time. Collin's research advances this field by combining tools from operations research, statistics, and machine learning to develop novel adaptive decision-support systems.

His current work is driven by challenges in healthcare operations, with a particular focus on designing novel models for the delivery of precision medicine. These models aim to optimize treatment plans based on individual patient characteristics, ultimately improving health outcomes and care efficiency. He is passionate about bridging the gap between theory and practice, collaborating closely with practitioners to co-develop implementable solutions that enhance clinical decision-making.

Collin's research has been published in leading academic journals, including *Manufacturing & Service Operations Management*. Beyond his academic work, Collin is actively involved in the Dutch operations research community, serving on the board of the Netherlands Society for Operations Research.

Research Spotlight: Karmel S. Shehadeh



Karmel S. Shehadeh is an Assistant Professor in the Department of Industrial Systems and Engineering (ISE) at Lehigh University. She will join the Daniel J. Epstein Department of Industrial and Systems Engineering (ISE) at the University of Southern California as the Gabilan Assistant Professor of ISE in August 2025. Before joining Lehigh, she was a Presidential and Dean Postdoctoral Fellow at Heinz College of Information Systems and Public Policy of Carnegie Mellon University. She holds a Ph.D. in Industrial and Operations Engineering from the University of Michigan, an M.S. in Systems Science and Industrial Engineering from Binghamton University, and a B.S.E in Biomedical Engineering from Jordan University of Science and Technology.

Shehadeh's research program aims to push the boundaries of the theory and applications of stochastic and (distributionally) robust optimization (SRO). She has a track record of designing, analyzing, and implementing innovative and computationally efficient SRO and mixed-integer programming (MIP) methodologies to solve challenging real-world optimization problems across diverse application domains, including healthcare, facility location, humanitarian logistics, and transportation. Another stream of her research focuses on designing fairness-promoting optimization frameworks. Her research has been published in top-tier journals, including *Operations Research*, *Transportation Science*, *Healthcare Management Science*, *European Journal of Operational Research*, *Naval Research Logistics*, and *Transportation Research Part C: Emerging Technologies*. Professional recognition of Shehadeh's work includes an INFORMS Minority Issues Forum (MIF) Early Career Award (honorable mention), an MIF Paper Award (winner), a Junior Faculty Interest Group (JFIG) Paper Prize (finalist), a Service Science Best Cluster Paper Prize (finalist), and Lehigh's Alfred Noble Robinson Faculty Award. She is also very active in the operations research community, holding various leadership roles, including serving as an associate editor for top-tier journals (TS, TR-C, and INFORMS Journal on Computing), Vice President of Communications of INFORMS Section on Public and Societal Operations Research, Vice President of the INFORMS Section on Location Analysis, and President of JFIG.

Her contributions to healthcare operations research and analytics are motivated by collaboration with various health systems in the U.S., including NYU Grossman School of Medicine, Columbia University Irving Medical Center, and the Medical University of South Carolina. These contributions include (i) new computationally tractable SRO and MIP approaches for resource-constrained healthcare planning and scheduling problems, (ii) distributionally robust optimization methodologies for modeling and solving integrated home service staffing and capacity planning problems, and (iii) machine learning approaches for clinical decision-making. Moreover, she has introduced innovative fairness-promoting integer-programming approaches and a user-friendly tool for medical resident scheduling. Her future contributions to healthcare operations research will involve collaborative efforts to enhance healthcare systems efficiency, effectiveness, and equity. She will continue to pioneer innovative and practical approaches to address complex staffing and scheduling problems for health professionals (e.g., physicians, nurses, and residents), resource-constrained scheduling and capacity planning problems, and

clinical decision-making problems.

Research Spotlight: Hadi El-Amine



Hadi El-Amine is an associate professor of Systems Engineering and Operations Research at George Mason University, where his work centers on stochastic modeling, optimization, and decision making under uncertainty—particularly in the realm of healthcare resource allocation.

In one of his recent collaborations with two transplant centers, Hadi is engaged in designing personalized immunosuppressive treatments for kidney transplant recipients. The project involves determining, in a context of imperfect testing and constrained budgets, which biomarkers should be screened to maximize the success rates of these tailored treatment plans. The framework is envisioned for integration into kidney paired donation programs, where the matching process

takes into account the potential for patient desensitization. The outcome is an integrated stochastic simulation-optimization model that not only proposes paired matchings but also provides statistical estimates of key system performance metrics and simulated patient behaviors. Beyond its immediate application in kidney transplants, this model holds promise for broader use in other organ transplant systems, such as heart, lung, and liver transplants, potentially influencing policy decisions by central administrative bodies like UNOS—the current authority overseeing organ allocations.

In another project, Hadi investigates the evolution of illicit organ trafficking networks. Organ trafficking is a particularly heinous form of human trafficking that preys upon vulnerable “donors”—often refugees—whose dire circumstances are exploited for swift financial gain, frequently leaving them in severely compromised health. This research project aims to model the intricate dynamics of global illicit kidney trade networks with the goal of developing strategies to disrupt them. A central hypothesis is that the evolution of these networks is driven by a set of underlying principles that remain poorly understood. Comprehending the progression of transnational organ trafficking networks is essential for implementing effective measures to control illegal transplants worldwide. The challenge is akin to a game of “whack-a-mole,” where quelling trafficking activities in one region often results in their emergence elsewhere; thus, any intervention strategy must address the complex, interconnected dynamics and inherent uncertainties of the entire network. To this end, the work incorporates novel network evolution models that utilize innovative estimation procedures based on inverse optimization.

Hadi’s work has earned recognition through the Bonder Scholarship, and he has been a finalist for awards including the Pierskalla Award, the IISE Pritsker Doctoral Dissertation Award, and the INFORMS JFIG competition.

Health Applications Society Officers

2025 Officers

Sze-Chuan Suen (President)
Pengyi Shi (Vice President/President-Elect)
Mariel Lavieri (Past President)
Hyojung Kang (Treasurer, 2nd year of term)
Hrayer Aprahamian (Secretary, 2nd year of term)
Wesley Marrero (Communications & Outreach Coordinator, 1st year of term)
Melike Yildirim (Council Member)
Huaiyang Zhong (Council Member)
Gian-Gabriel Garcia (Council Member)
Gizem Nemutlu (Council Member)
Reza Skandari (International Council Member)
Jennifer Lobo (HAS Subdivision Council Representative)

2024 Officers

Mariel Lavieri (President)
Sze-Chuan Suen (Vice President/President-Elect)
Timothy Chan (Past President)
Hyojung Kang (Treasurer, 1st year of term)
Hrayer Aprahamian (Secretary, 1st year of term)
Justin J. Boutilier (Communications & Outreach Coordinator, 2nd year of term)
Karen Hicklin (Council Member)
Lauren Steimle (Council Member)
Gian-Gabriel Garcia (Council Member)
Gizem Nemutlu (Council Member)