

## FACULTY

**Daron Acemoglu** elected to the National Academy of Sciences (NAS).

Members are elected to the National Academy of Sciences in recognition of their distinguished and continuing achievements in original research. Membership is a widely accepted mark of excellence in science and is considered one of the highest honors that a scientist can receive.

**Itai Ashlagi** and **Peng Shi** received the 2013 INFORMS Section on Public Programs, Services and Needs Best Paper Competition Award. The INFORMS Section on Public Programs, Services and Needs Best Paper Competition is intended to encourage journal-quality research in all of the disciplines and application areas represented within SPPSN, and to build a tradition of scholarly exchange of knowledge at our research meetings beyond attendance at sessions.

**Itai Ashlagi**, **David Gamarnik**, and **Ross Anderson** are finalists of the INFORMS Edelman Prize for 2014. The Franz Edelman competition attests to the contributions of operations research and analytics in both the profit and non-profit sectors.

**Cynthia Barnhart** was named MIT's new Chancellor.

**Dimitris Bertsimas**, **Allison O'Hair**, **Steve Relyea**, and **John Silberholz** received the 2013 INFORMS William Pierskalla Best Paper Award in health care for their paper: "An Analytics Approach to Designing Clinical Trials for Cancer." The Pierskalla Award recognizes research excellence in the field of health care management science.

**Dimitris Bertsimas** also received the 2013 INFORMS Philip McCord Morse lectureship. The Philip McCord Morse lectureship is an award given every two years to honor an individual who "is an outstanding spokesman for the Operations Research profession". The Lectureship is awarded in honor of Philip McCord Morse, the founder of the ORC, in recognition of his pioneering contribution to the field of operations research and the management sciences. Prior recipients include John Little in 1987 and Dick Larson in 1997.

**Dimitris Bertsimas**, **Amedeo Odoni** and Guglielmo Lulli (from University of Milan, Italy) received the 2013 INFORMS Best Paper Award in Transportation Science and Logistics for their paper, "An Integer Optimization Approach to Large-Scale Air Traffic Flow Management", *Operations Research*, 59 (1), 211-217, 2011. The TSL Best Paper Award is given every year to an outstanding paper in the field of transportation science and logistics.

**Erik Brynjolfsson** and **Duncan Simester** received the (first annual) 2013 Management Science Best Paper Award in Information Systems, sponsored by the INFORMS Information Systems Society (ISS). The Management Science Best Paper Award in Information Systems recognizes the best contribution to the theory and practice of information systems among papers published in Management Science in the previous three years. Their winning paper, "Goodbye Pareto Principle, Hello Long Tail: The Effect of Search Costs on the Concentration of Product Sales," is co-authored with Jeffrey Hu.

**Patrick Jaillet** was inducted as an INFORMS Fellow for "opening the field of a priori optimization for stochastic programming and for being regarded as the world leader in the field of probabilistic and online optimization". INFORMS Fellows are examples of outstanding lifetime achievement in operations research and the management sciences. They have demonstrated exceptional accomplishments and made significant contributions to the advancement of OR/MS over a period of time.

**Richard Larson** and **Anna Teytelman** were selected by the ISPOR Awards Committee as the recipient of the 2013 ISPOR Value in Health Paper of the Year Award for their paper “Modeling the Effects of H1N1 Influenza Vaccine Distribution in the United States”, *Value Health* 2012;15:158-66. The ISPOR Award for Value in Health Paper of the Year was established in 2011 to promote quality research, originality, and utility in health care decisions for articles published in Value in Health.

**Retsef Levi** along with Yale Herer and Assaf Avrahami received first place in the 2013 INFORMS Daniel H. Wagner Prize for Excellence in Operations Research Practice for the paper “Matching Supply and Demand via Delayed 2-Phase Distribution at Yedioth Group - Models, Algorithms and IT.” The Daniel H. Wagner Prize for Excellence in Operations Research Practice emphasizes the quality and coherence of the analysis used in practice. Dr. Wagner strove for strong mathematics applied to practical problems, supported by clear and intelligible writing. This prize recognizes those principles by emphasizing good writing, strong analytical content, and verifiable practice successes.

**John Little** was the IFORS (International Federation Of Operational Research Societies) Plenary Speaker at the Euro-INFORMS 2013 Conference in Rome.

**Andrew Lo** has been inducted into the 233rd Class of Members of the American Academy of Arts and Sciences. The Academy membership encompasses over 4,600 Fellows and 600 Foreign Honorary Members and reflects the full range of disciplines and professions: mathematics, the physical and biological sciences, medicine, the social sciences and humanities, business, government, public affairs, and the arts. Among the Academy's Fellows are more than 250 Nobel laureates and 60 Pulitzer Prize winners. Also, he received the 2014 Samuel M. Seegal Prize, an MIT Sloan Excellence in Teaching Award for the 2013-2014 academic year, in recognition of his having inspired students in pursuing and achieving excellence.

**Eytan Modiano**, his student Krishna Jagganathan, and their collaborator at Qualcomm received the IEEE WiOpt 2013 Best Paper Award for their paper, "Scheduling Strategies to Mitigate the Impact of Bursty Traffic in Wireless Networks".

**Carolina Osorio** received a CAREER Award from the National Science Foundation (NSF) for her project entitled “Simulation-Based Optimization Techniques For Urban Transportation Problems.” CAREER Awards are the NSF’s “most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations.” Also, she received the MIT CEE Maseeh Excellence in Teaching Award. This award recognizes the most outstanding faculty instructor in the past academic year.

**Pablo Parrilo** received the 2013 Farkas Prize of the INFORMS Optimization Society. The Farkas Prize of the INFORMS Optimization Society was established in 2006 and is awarded annually at the INFORMS Fall National Meeting to a mid-career researcher for outstanding contributions to the field of optimization, over the course of their career.

**Georgia Perakis** received the 2014 Jamieson Teaching Award. The Jamieson Prize for Excellence in Teaching Award, the most prestigious teaching prize offered by the School, was established in 2006 and is awarded each year to two MIT Sloan faculty members, as well as two electrical engineering and computer science faculty members, for their contributions to educational excellence at MIT.

**Cynthia Rudin** was the winner of the Innovative Applications in Analytics Award for the paper “Machine Learning for Power Grid Reliability: Predicting Manhole Events in New York City.” The Innovative

Applications in Analytics Award to recognize the creative and unique application of a combination of analytical techniques in a new area.

**Devavrat Shah** and Jinwoo Shin received the 2013 Best Publication Award from the Applied Probability Society of INFORMS for their paper “Randomized Scheduling Algorithm for Queueing Networks”, *The Annals of Applied Probability*, 2012, Vol. 22, 128-171. The Award recognizes an outstanding contribution to the field of Applied Probability during the years 2010-2013.

**David Simchi-Levi** was inducted in August 2013 as a Distinguished MSOM (Manufacturing and Service Operations Management) Fellow in recognition “For his contributions to supply chain management and his ground-breaking work on the use of worst-case and probabilistic analysis in algorithm development.” Election as an MSOM Fellow recognizes outstanding research and scholarship in operations management.

**John Tsitsiklis** and Kuang Xu received the Best Paper Award at the 2013 ACM SIGMETRICS for their paper “Queueing System Topologies with Limited Flexibility.” Mr. Xu also received the Kenneth C. Sevcik Outstanding Student Paper Award for the same paper. This is the first time that both awards were given to the same paper at SIGMETRICS since its inception in 1973.

**Juan Pablo Vielma** won second place in the INFORMS Junior Faculty Interest Group (JFIG) paper competition. Also, he received a CAREER Award from the National Science Foundation (NSF) for his project entitled “Advanced Mixed Integer Programming Formulations.” CAREER Awards are the NSF’s “most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations.”

**Karen Zheng** was named Runner Up for the INFORMS Behavioral Operations Management Section Best Working Paper Award. The paper, co-authored with Ozalp Ozer and Yufei Ren, is entitled “Trust, Trustworthiness, and Information Sharing in Supply Chains Bridging China and the U.S.” The paper is forthcoming in *Management Science*. The goal of this Award is to highlight the best working paper in the area of Behavioral Operations.

## STUDENTS

**Setareh Borjjan** was awarded the second-place prize in the INFORMS RAS (Railway Applications Section) Problem Solving Competition.

**Vishal Gupta** was a finalist in the 2013 INFORMS George Nicholson Student Paper Competition. The George Nicholson Student Paper Competition is held each year to identify and honor outstanding papers in the field of operations research and the management sciences written by a student. Also, he was also awarded the INFORMS Best Paper Presentation in Financial Services Section 2012. The prize recognizes the best presentation given in the Financial Services Section sponsored Cluster at the Annual INFORMS Meeting.

**Kris Johnson** was awarded the Graduate Student Award for Excellence in Engineering Systems Teaching For her work as a TA in ESD.267 and ESD.268.

**Nathan Kallus** was a finalist in the INFORMS George Nicholson Student Paper Competition 2013. The George Nicholson Student Paper Competition is held each year to identify and honor outstanding papers in the field of operations research and the management sciences written by a student.

**Benjamin Letham** with **Cynthia Rudin**, Tyler H. McCormick, and David Madigan won the INFORMS 2013 Data Mining Best Student Paper Award for the paper "An Interpretable Stroke Prediction Model using Rules and Bayesian Analysis."

**Maokai Lin** and **Hai Wang**, along with Jiangang Jin (SJTU, Shanghai, China) received first prize in the INFORMS RAS Problem Solving Competition.

**Miles Lubin** was the winner of the 2013 COIN-OR INFORMS Cup along with Cosmin Petra and Mihai Anitescu of Argonne National Laboratory and Julian Hall of University of Edinburgh for their work on parallelizing the simplex algorithm for structured linear programs on top of the COIN-OR open-source software.

**Peng Shi** won the Doing Good with Good OR Student Paper Competition 2013 for his paper "Guiding School Choice Reform through Novel Applications of Operations Research." The Doing Good with Good OR - Student Paper Competition is held each year to identify and honor outstanding projects in the field of operations research and the management sciences conducted by a student or student group that have a significant societal impact.

**Zhe Zhu** was awarded Honorable Mention for the INFORMS-Financial Services Section (FSS) Best Student Paper, 2013.

### ALUMNI

**Jason Acimovic** was the winner of the CSCMP Doctoral Dissertation Award, Council of Supply Chain Management Professionals (CSCMP), 2013. The Doctoral Dissertation Award (DDA) is for doctoral students who demonstrate significant originality and technical competence in any supply chain function. The DDA is open to all who will have completed their doctoral work in a field related to functions within the supply chain. Also, he was also awarded the INFORMS George B. Dantzig Dissertation Award, 2013. The George B. Dantzig Award is given for the best dissertation in any area of operations research and the management sciences that is innovative and relevant to practice.

**Dan Iancu** and **Nikolaos Trikakis** won the INFORMS Junior Faculty Interest Group (JFIG) paper competition.

**Garrett van Ryzin** received second place in the INFORMS Case and Teaching Materials Competition.