

## FACULTY

**Arnold Barnett** was awarded the Sloan School's Jamieson Prize for Excellence in Teaching, which is the school's most prestigious teaching prize. The Jamieson Prize was established in 2006 and is awarded each year to two MIT Sloan faculty members and two electrical engineering and computer science faculty members for their contributions to educational excellence at MIT.

**Cynthia Barnhart** was awarded the degree Doctor of Science from the University of Toronto, honoris causa, for her leading contributions to the field of operations research and her outstanding service to her students and academic community.

**Dimitris Bertsimas** has won the Harold Larnder Prize for 2016. The Harold Larnder Prize is awarded annually to an individual who has achieved international distinction in operational research. The prize winner delivers the Harold Larnder Memorial Lecture, on a topic of general interest to operational researchers, at the National Conference of the Canadian Operational Research Society.

**Erik Brynjolfsson** and Andy McAfee have won the German Business Book Award for the best business book in German in 2015 for the book, "The Second Machine Age".

Their book established the standard reference for a new industrial world in which machines talk to machines, robots pass objects using sensor skin on their gripper arm and systems learn by themselves. That's what makes the book, which is based on the authors' previous epic work "Race against the Machine," worthy of a prize and a Handelsblatt jury chose it as...the business book of 2015." (Handelsblatt Global Edition)

**Vivek Farias** has won the INFORMS Revenue Management and Pricing section Prize, which recognizes the "best contribution to the science of pricing and revenue management published in English." Vivek was honored for his 2013 Management Science paper (co-authored with Srikanth Jagabathula of NYU Stern and Devavrat Shah of MIT EECS), "A Nonparametric Approach to Modeling Choice with Limited Data." The award was presented at the 2015 INFORMS Annual Meeting in Philadelphia.

**Vivek Farias** and **Devavrat Shah** have received the 2016 Best OM Paper in Management Science Award from the MSOM (Manufacturing and Service Operations Management) Society of INFORMS (Institute for Operations Research and the Management Sciences). This award honors their outstanding contribution among the prior three years of articles published in Management Science.

Vivek and Devavrat's winning paper, co-authored with Srikanth Jagabathula (NYU Stern), is entitled "A Nonparametric Approach to Modeling Choice with Limited Data" (Management Science 59(2), 2013).

**Richard Larson** along with his student Yi Xue has won the Lawrence M. Klein Fund Best Paper of the Year Award, for their paper "STEM crisis or STEM surplus? Yes and yes", published in the Bureau of Labor Statistics journal, Monthly Labor Review.

The Klein Award was established by Lawrence R. Klein, editor-in-chief of the Monthly Labor Review from 1946 until his retirement in 1968. The purpose of the award is to encourage Review articles that exhibit originality of ideas or method of analysis, adhere to principles of scientific inquiry, and are well written.

**Andrew Lo**, Charles E. and Susan T. Harris received the IMCA's Richard J. Davis Ethics, Legal, Regulatory Insight Award for the paper, "The Gordon Gekko Effect: The Role of Culture in the Financial Industry." The Richard J. Davis Ethics, Legal, Regulatory Insight Award honors the authors of an article that has made a

significant contribution to advancing the understanding and knowledge of investment consulting and/or private wealth management in the area of ethics, and/or the fiduciary, legal, or regulatory issues that affect these professional practices.

**Amedeo Odoni** supervised the thesis of Alexandre Jacquillat (Engineering Systems Division) which won the INFORMS 2015 George B. Dantzig Dissertation Award for his Ph.D. thesis "An Alternative Approach to Capacity Allocation at Congested Airports". At the INFORMS Meeting, Alex was also awarded (by a completely different committee) the 2015 Dissertation Award of the Transportation and Logistics Society of INFORMS.

**Carolina Osorio** was invited as a speaker to the upcoming National Academy of Engineering's (NAE) EU-US Frontiers of Engineering (EU-US FOE) symposium, to talk on the topic of "The Road to Future Urban Mobility". A total of 30 engineers from a variety of companies, universities, and government labs have been invited to participate in discussions on leading-edge research and technical work in the areas including: The Road to Future Urban Mobility; Integrated Photonics; Frontiers of Carbon Capture, Utilization, and Storage; and Smart Systems for Personalized and Connected Healthcare.

**Cynthia Rudin** advises student Tong Wang who won Second Place in the 2015 Doing Good with Good OR - Student Paper Competition for the paper they worked on together, "Finding Patterns with a Rotten Core: Data Mining for Crime Series Detection".

**Duncan Simester** has won the 2014 Paul E. Green Award from the American Marketing Association (AMA). This annual award honors the Journal of Marketing Research article published in the prior year that demonstrates the greatest potential to contribute significantly to the practice of marketing research. The winning paper, co-authored with Eric T. Anderson (of Kellogg), is entitled: "Reviews Without a Purchase: Low Ratings, Loyal Customers, and Deception."

**John Tsitsiklis** won the 2016 ACM SIGMETRICS Achievement Award in recognition of his fundamental contributions to decentralized control and consensus, approximate dynamic programming and statistical learning.

**Juan Pablo Vielma** has won First Place in the INFORMS 2015 JFIG (Junior Faculty Interest Group) Paper Competition. His winning paper, which he recently submitted for possible publication in Mathematics of Operations Research, is entitled, "Embedding Formulations and Complexity for Unions of Polyhedra."

**Juan Pablo Vielma** has won the 2015 Best Publication Award in Natural Resources from the INFORMS Section on Energy, Natural Resources, and the Environment, for "Imposing Connectivity Constraints in Forest Planning Models." This paper, co-authored with Rodolfo Carvajal (Georgia Tech and Univ. Adolfo Ibáñez, Chile), Miguel Constantino (Univ. de Lisboa, Portugal), Marcos Goycoolea (Univ. Adolfo Ibáñez, Chile), and Andres Weintraub (Univ. de Chile and Instituto Milenio Sistemas Complejos de Ingeniería, Santiago, Chile), was published in Operations Research in 2013.

**Karen Zheng** has won Second Prize in the INFORMS Behavioral Operations Management Section Best Working Paper Competition. Karen was honored for her working paper, "Transparency and Indirect Reciprocity in Social Responsibility: An Incentivized Experiment," co-authored with Tim Kraft (of the University of Virginia's Darden School of Business) and her PhD student Leon Valdes (of MIT Sloan).

### STUDENTS

**Wang-Chi Cheung** was a Finalist in the 2015 George Nicholson Student Paper Competition for his paper "Sampling-Based Approximation Schemes for Capacitated Stochastic Inventory Control Models".

**Maxime Cohen** and **Charles Thraves** won the Production and Operations Management Society College of Supply Chain Management 2015 Best Student Paper Competition for the paper "Competition and Externalities in Green Technology Adoption".

**Tamar Cohen** won the Rothblum Prize that is awarded by ORSIS (the Operations Research Society of Israel) for her Masters thesis entitled: "The Periodic Joint Replenishment Problem is Strongly NP-Hard".

The award is in the memory of the late Professor Uriel Rothblum, the Rothblum Foundation awards the Rothblum Prize to acknowledge and encourage excellence in research in OR. Professor Rothblum was a member of the Operations Research Society of Israel and served as the society's president from 2006 to 2008.

**Iain Dunning**, **Joey Huchette** and **Miles Lubin** won the 2015 COIN-OR Cup for their work on JuMP, an open-source optimization modeling language.

**Jerry Kung** and **Chiwei Yan** won First Place in 2015 AGIFORS Anna Valicek Award Paper Competition. The winning paper is entitled: "Robust Aircraft Routing". The Anna Valicek Medal recognizes original and innovative research in the application of operations research to airline and/or airline related business problems. This annual award is sponsored by the Airline Group of the International Federation of Operational Research Societies (AGIFORS).

**Jerry Kung** received the 2015-2016 Sloan Outstanding Teaching Assistant Award for serving as a TA in 15.060: Data, Models, and Decisions in Fall 2015.

**Paul Grigas** was selected as the winner of the 2015 INFORMS Optimization Society Student Paper Prize for his paper "A new perspective on boosting in linear regression via subgradient optimization and relatives" co-authored with **Rob Freund** and **Rahul Mazumder**.

**Chiwei Yan** won the 2015 INFORMS Aviation Application Section best presentation award. The winner is chosen based on both the quality of the presentation itself and the extended abstract.

### ALUMNI

**Charu Aggarwal** received the IEEE ICDM Research Contributions Award. The IEEE ICDM Research Contributions Award is the highest recognition for research achievements in Data Mining, and is annually given to one individual or one group who has made influential research contributions to the field of Data Mining.

**Margaret L. Brandeau** received the 2015 Philip McCord Morse Lectureship Award. The Lectureship is awarded in honor of Philip McCord Morse in recognition of his pioneer contribution to the field of operations research and the management sciences.

**Pitu Mirchandani** was elected as an INFORMS Fellow for fundamental research contributions to dynamic and stochastic networks, location models, adaptive control of transportation systems, and traffic modeling and analysis.