

Kumar Muthuraman

Professor, Department of Information, Risk and Operations Management and Director of the Center for Research and Analytics at The University of Texas at Austin, McCombs School of Business

Austin, TX, US

Creating computational models with immediate, real-world applicability

Description

Kumar Muthuraman is a professor with expertise in modeling and forecasting. In addition, he serves as the director for the Center of Research and Analytics. As the recipient of a prestigious National Science Foundation grant, he's worked closely with hospitals and clinics to create innovative scheduling models that dramatically reduce patient wait times while improving clinic profitability. His work is currently being tested in more than 300 clinics as well as a large university hospital.

His other research areas include asset pricing, derivatives, and operations. Before joining the faculty at McCombs, Muthuraman was an assistant professor at Purdue University and a graduate research assistant at Stanford.

Industry Expertise

Health Care - Services, Financial Services, Manufacturing

Topics

Asset Pricing, Derivatives, Operations Research, Energy, Financial Risk Management, Healthcare Scheduling and Profitability

Affiliations

Editor, Financial Engineering, Editor, Life Sciences and Healthcare, Editor, Scheduling, Consultant, Highfields Capital Management, Founder and Board Member, GetFriday.com, Founder and Board Member, HomeShikari.com, Founder and Board Member, YourManinIndia.com, Founder and Board Member, SimplyCrow.com

Education

Stanford University

Ph.D. Scientific Computing and Computational Mathematics

Stanford University

M.S. Scientific Computing and Computational Mathematics

Central Electrochemical Research Institute

B.Tech. Chemical and Electro-Chemical Technology

Accomplishments

Award for Research Excellence

Recognized for contributions to teaching and research at the McCombs School of Business.

Regents' Outstanding Teaching Award

Awarded by The University of Texas System.

CBA Foundation Research Award

Department nominee, 2011 and 2013.

Best Paper in Operations Engineering and Analysis

Awarded by IIE Transactions.

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