

# **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.

---

[Please click here to view the full profile.](#)

This profile was created by [Expertfile.](#)