

# Gediminas Adomavicius

Department Chair, Professor, Carolyn I. Anderson Chair in  
Business Education Excellence



## EDUCATION

- **PhD 2002**  
Computer Science, New York University
- **MS 1998**  
Computer Science, New York University
- **BS 1995**  
Mathematics, Vilnius University

## EXPERTISE

- Electronic Market Mechanisms
- Data Mining and Knowledge Discovery
- Personalization Technologies and Recommender Systems

## ABOUT

His general research interests revolve around computational techniques for aiding decision-making in information-intensive environments and include personalization technologies, knowledge discovery and data mining, and electronic market mechanisms. His current research deals with next generation recommender systems and real-time bidder support in complex auction mechanisms. He has published in several leading academic journals, including "Management Science", "Information Systems Research", "Management Information Systems Quarterly", "Journal of Operations Management", "IEEE Transactions on Knowledge and Data Engineering", "ACM Transactions on Information Systems", and "Data Mining and Knowledge Discovery". He received the National Science Foundation CAREER award in 2006 for his research on personalization technologies as well as several other grants from various national funding agencies. He currently serves on the editorial boards of "Information Systems Research" and "INFORMS Journal on Computing". At the Carlson School, he teaches in the undergraduate, MBA, MSBA, and PhD programs.

## RECENT WORKS

1. D.M. Vock, J. Wolfson, S. Bandyopadhyay, G. Adomavicius, P.E. Johnson, G. Vazquez-Benitez, and P.J. O'Connor. Adapting machine learning techniques to censored time-to-event health record data: a general-purpose approach using inverse probability of censoring weighting. *JOURNAL OF BIOMEDICAL INFORMATICS*. *Forthcoming*.
2. G. Adomavicius and J. Zhang. Classification, Ranking, and Top-K Stability of Recommendation Algorithms. *INFORMS JOURNAL ON COMPUTING*, 28(1):129-147, 2016.
3. J. Wolfson, S. Bandyopadhyay, M. Elidrisi, G. Vazquez-Benitez, D. Vock, D. Musgrove, G. Adomavicius, P. Johnson, and P. O'Connor. A Naïve Bayes Machine Learning Approach to Risk Prediction Using Censored, Time-to-Event Data. *STATISTICS IN MEDICINE*, 34(21):2941-2957, 2015.