

# DICLE YAGMUR OZDEMIR

Ph.D. Candidate | Information Systems

Naveen Jindal School of Management, JSOM 3.222

University of Texas at Dallas, Richardson, TX 75080

✉ [yagmur@utdallas.edu](mailto:yagmur@utdallas.edu)

🌐 [dyagmurozdemir.github.io](https://dyagmurozdemir.github.io)

## EDUCATION

---

<b>The University of Texas at Dallas</b> , Richardson, TX Ph.D. in Management Science (Information Systems) Advisor: Dr. Sumit Sarkar	2017-2023 ( <i>Expected</i> )
<b>Sabanci University</b> , Istanbul, Turkey M.S. in Industrial Engineering	2015-2017
<b>Istanbul Technical University</b> , Istanbul, Turkey B.S. in Industrial Engineering	2010-2014

## RESEARCH INTERESTS

---

**Topics:** User-Generated Content, Social Media, E-Commerce, Recommender Systems

**Methodologies:** Econometrics, Machine Learning, Text-Mining, Optimization

## RESEARCH PAPERS

---

**Ozdemir, D. Y.**, H. Singh, S. Sarkar. “Novelty in Restaurant Reviews: The Impact on Businesses and Consumers.” In preparation for submission to *MIS Quarterly*.

**Ozdemir, D. Y.** “Tell Me Something New: Selecting Novel Online Reviews.” Under review at *Information Systems Research*.

**Ozdemir, D. Y.**, H. Singh, S. Sarkar. “Credibility, Novelty, and Helpfulness in Online Reviews.” Working paper.

**Ozdemir, D. Y.**, S. Sarkar. “Axiomatic Characterization of Novelty for Textual Content.” Work in progress.

## PRESENTATIONS AND INVITED TALKS

---

### **REFEREED CONFERENCE PRESENTATIONS**

**Ozdemir, D. Y.**, H. Singh, S. Sarkar. Credibility, Novelty, and Helpfulness in Online Reviews, International Conference on Information Systems (ICIS), December, 2021, Austin, TX

**Ozdemir, D. Y.** Online Review Selection with Maximized Novel Information, Conference on Information Systems and Technology (CIST), October, 2021, Newport Beach, CA.

**Ozdemir, D. Y.** Tell Me Something New: Online Review Selection and Review Novelty, Workshop on Information Technologies and Systems (WITS), December, 2020

**Ozdemir, D. Y.**, S. Sarkar. Novelty Detection in Online Reviews and Review Helpfulness, Winter Conference on Business Analytics (WCBA), March, 2019, Snowbird, UT.

## OTHER PRESENTATIONS

(Upcoming) **Ozdemir, D. Y.**, H. Singh, S. Sarkar. Novelty in Restaurant Reviews: The Impact on Businesses and Consumers, INFORMS Annual Meeting, October, 2022, Indianapolis, IN.

**Ozdemir, D. Y.**, H. Singh, S. Sarkar. The New and the Reliable: Novelty, Credibility, and Helpfulness in Online Reviews, INFORMS Annual Meeting, October, 2021, Anaheim, CA.

**Ozdemir, D. Y.** Tell Me Something New: Online Review Selection and Review Novelty, INFORMS Annual Meeting, October, 2020.

**Ozdemir, D. Y.**, S. Sarkar. Novelty Detection in Online Reviews and Review Helpfulness, INFORMS Annual Meeting, October, 2019, Seattle, WA.

## TEACHING EXPERIENCE

---

### INSTRUCTOR, THE UNIVERSITY OF TEXAS AT DALLAS

Introduction to Programming,

(Traditional Classroom Mode) Enrollment: 60, Instructor Evaluation: 4.90/5.00 Fall 2021

(Flexible Mode) Enrollment: 59, Instructor Evaluation: 4.54/5.00 Fall 2020

### TEACHING ASSISTANT, THE UNIVERSITY OF TEXAS AT DALLAS

**PhD:** Advanced Topics in Knowledge Management

**MBA/MS:** Database Foundations for Business Analytics, Healthcare Informatics, Information Technology for Management, Managing IT in the Analytics Age, User Experience Design, Business Analytics with SAS

**Undergraduate:** Object-Oriented Programming, Introduction to Programming, Information Technology for Business

### TEACHING ASSISTANT, SABANCI UNIVERSITY

**Undergraduate:** Simulation

## TEACHING INTERESTS

---

**Topics:** Data Analytics, Machine Learning, Natural Language Processing, Database Foundations

## SELECTED DOCTORAL COURSEWORK

---

Applied Econometrics	Econometrics II
Special Topics in Econometrics and Spatial Analysis	Advanced Topics in Knowledge Management
Nonparametric and Structural Models	Optimization
Deterministic Models in Operations Research	Stochastic Models in Operations Research
Probability and Stochastic Processes	Advanced Statistics and Probability
Game Theory	Advanced Managerial Economics

## HONORS AND AWARDS

---

The University of Texas at Dallas, Dean's Excellence Scholarship	2022
The University of Texas at Dallas, Best Student Teacher Award Nomination	2022
The University of Texas at Dallas, JSOM Three Minute Dissertation Competition, 2 <sup>nd</sup> place	2021

The University of Texas at Dallas, President’s Teaching Excellence Award Nomination	2021
The University of Texas at Dallas, JSOM PhD Scholarship, (Full tuition waiver + Stipend for 5 years)	2017
Sabancı University Faculty of Engineering and Natural Sciences Best Teaching Assistant Award	2016
Sabancı University Graduate Scholarship (Full tuition fee waiver + Stipend for 2 years)	2015
High Honor List, Sabancı University	Spring 2015 - 2016
Honor List, Istanbul Technical University	Fall 2012 - 2014
Ranked in top 0.3% among 1.9 million candidates in the Turkish University Entrance Exam	2010

## COMPUTER SKILLS

---

Python, Stata, R, MATLAB, Java, MySQL, Ample, GAMS, Arena, Minitab, LATEX

## PROFESSIONAL SERVICES AND ASSOCIATIONS

---

**Membership:** Association for Information Systems (AIS), Institute for Operations Research and the Management Science (INFORMS), Information Systems Society of INFORMS

**Reviewed articles/papers for** Transactions on Management Information Systems, Electronic Commerce Research and Applications, International Conference on Information Systems (ICIS) Proceedings in 2022, 2021, 2020, European Conference on Information Systems (ECIS) Proceedings in 2022, Workshop on Information Technology and Systems (WITS) 2022

## REFERENCES

---

<p>Sumit Sarkar  Charles and Nancy Davidson Chair and Professor  Information Systems  Jindal School of Management  The University of Texas at Dallas, Richardson TX  ✉ sumit@utdallas.edu  ☎ +1 (972) 883-6854</p>	<p>Harpreet Singh  Associate Professor  Information Systems  Jindal School of Management  The University of Texas at Dallas, Richardson TX  ✉ harpreet@utdallas.edu  ☎ +1 (972) 883-4770</p>
<p>Syam Menon  Full Professor  Information Systems  Jindal School of Management  The University of Texas at Dallas, Richardson TX  ✉ syam@utdallas.edu  ☎ +1 (972) 883-4779</p>	<p>Alejandro Zentner  Associate Professor  Finance and Managerial Economics  Jindal School of Management  The University of Texas at Dallas, Richardson TX  ✉ azentner@utdallas.edu  ☎ +1 (972) 883-5966</p>