

## **MURAT BAYIZ, Ph.D.**

Data Sciences and Operations  
Marshall School of Business  
University of Southern California  
Los Angeles, CA 90089-0809  
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## **EXPERIENCE**

Jan. 2020 – Present

### **Marshall School of Business, University of Southern California, Los Angeles, CA**

Professor of Clinical Operations Management  
Susan M. Kosasa Chair in Teaching Excellence  
Vice Chair for the Department of Data Sciences and Operations  
President – Marshall Faculty Council in AY 2023 - 2024

- Received the Golden Apple Teaching Excellence Award for Graduate Electives in Spring 2020
- Received the Golden Apple Teaching Excellence Award for MS GSCM Core in Fall 2022
- Received the Golden Apple Teaching Excellence Award for Graduate Electives in Spring 2023
- Received the Dean's Award for Teaching Excellence in Spring 2023
- Courses:
  - “New Trends in Supply Chain Network Design”, MS in Supply Chain Management Core, Fall 2025
  - “Spreadsheet Modeling for Modeling Insights” MBA Elective, Spring 2023 - 2025, Fall 2023, 2024
  - “Operation Management,” FT MBA Core, Spring 2021, 2022 & 2023
  - “Operation Management,” PM MBA Core, Summer 2022 - 2025
  - “Operation Management,” MS in Supply Chain Management Core, Fall 2020..., 2023
  - “Project Management,” MBA Elective, Spring 2020..., 2025 and Fall 2020..., 2025
  - “Online Project Management,” MBA and MS Elective, Summer 2020 & 2021
  - “Operations Consulting,” MBA Elective, Spring 2020
- Academic Service:
  - DSO Representative in Marshall Academic Council 2022 - 2023
  - Faculty Advisor for Graduate Operations Management Club
  - Faculty Advisor for Graduate International Students Club
  - Chair of the RTPC Recruiting Committee in 2021, 2022, 2023
  - Member of the Marshall School RTPC Faculty Committee until July 2021
  - Member of the DSO Chair Search Committee
  - Member of MBA PM Curriculum Design Committee
  - Chair and Member of Several PEG Committees
  - Member of MBA Ranking Committee
  - Chair Online Jumpstart/Bootcamp Business Math Course Development Committee

Jul. 2020 – Jul. 2022

### **Marshall School of Business, University of Southern California, Los Angeles, CA** Academic Director for Full Time MBA Program

Feb. 2015 – Jan. 2020

### **Marshall School of Business, University of Southern California, Los Angeles, CA** Associate Professor of Clinical Operations Management

- Received a Golden Apple Teaching Excellence Award in MBA Electives in Spring 2019
- Received Faculty Externship Award in Spring 2019
- Received two Golden Apple Teaching Excellence Awards (MS in GSCM and Undergraduate) in Spring 2017

- Courses:
  - “Operation Management,” MS in Supply Chain Management Core, Fall 2015 - 2019
  - “Project Management,” Undergraduate Elective, Fall 2015 - 2019
  - “Project Management,” MBA Elective, Spring 2015 - 2019, and Fall 2015 - 2019
  - “Online Project Management,” MBA and MS Elective, Spring 2015, 2015, 2016 and Summer 2015 - 2019
  - “Operations Consulting,” Undergraduate Elective, Spring 2015 - 2018
  - “Operations Consulting,” MBA Elective, Spring 2015 - 2019
  - “Problem Solving and Decision Making An Integrative Approach” Full-Time MBA Core, Fall 2015
- Service:
  - Chair of the DSO Curriculum Committee
  - Department coordinator for course/faculty scheduling
  - Member of the Marshall School Clinical Faculty Committee in since 2015
  - Member of MBA.PM curriculum improvement committee and member of MBA.PM online education implementation committee
  - Chair of the INFORMS Awards Committee in 2015 and 2016
  - Member of the DSO Department Electives Marketing Committee
  - Faculty advisor for Operations Management elective courses
  - Faculty advisor for the Operations Management Association (Undergraduate Student Organization) and Turkish Student Association
  - Faculty mentor in Marshall Connections Program

Jan. 2016 – July 2017

**Marshall School of Business, University of Southern California, Los Angeles, CA**  
Academic Director for MS in Global Supply Chain Management

Aug. 2010 – Feb. 2015

**Marshall School of Business, University of Southern California, Los Angeles, CA**  
Assistant Professor of Clinical Operations Management

- Received two Golden Apple Teaching Excellence Awards (MBA and Undergraduate) in Spring 2013
- Received Evan Thompson Award for Teaching and Learning Innovation in Spring 2014
- Courses:
  - “Operation Management,” MS in Supply Chain Management Core, Fall 2013, 2014
  - “Operations Management,” Undergraduate Core, Fall 2010, Spring 2011
  - “Supply Chain Management,” MBA Elective, Fall 2010
  - “Supply Chain Management,” Undergraduate Elective, Fall 2010 - 2013
  - “Project Management,” Undergraduate Elective, Spring 2011, 2012, Fall 2012 - 2014
  - “Project Management,” MBA Elective, Spring 2011 - 2015 and Fall 2012 - 2014
  - “Online Project Management,” MBA and MS Elective, Spring 2014, 2015 and Summer 2014
  - “Operations Consulting,” Undergraduate Elective, Fall 2011 and Spring 2011 - 2015
  - “Operations Consulting,” MBA Elective, Fall 2011 and Spring 2012 - 2015
  - “Learning About International Commerce,” Spring 2013 - 2015
- Service:
  - Member of the INFORMS Awards Committee, 2014
  - Chair for the Future Practitioner Colloquium at INFORMS 2011 Annual Meeting
  - Member of the Committee on Undergraduate Programs at Marshall School
  - Member of the USC Marshall Strategic Initiative for Student Advising Committee 2011
  - Member of the DSO Department Electives Marketing Committee
  - Faculty advisor for Operations Management elective courses
  - Faculty advisor for the Operations Management Association (Undergraduate Student Organization)
  - Faculty mentor in Marshall Connections Program

- May 2008 – Aug. 2010     **PRTM Management Consultants, Newport Beach, CA**  
Senior Researcher and Management Consultant
- Developed operations and supply strategies for leading electronics companies and implemented high impact solutions
  - Select clients: Cisco, Hewlett-Packard, Sun Microsystems, Qualcomm, Ekol Logistics
  - Received “Move the Needle” Award
- Aug. 2005 – May 2008     **Marshall School of Business, University of Southern California, Los Angeles, CA**  
Visiting Assistant Professor of Operations Management
- Courses
    - “Project Management,” MBA Elective, Spring 2006, 2007, 2008, Fall 2006
    - “Project Management,” Undergraduate Elective, Spring 2006, 2007, 2008
    - “Operations Management,” Undergraduate Core, Spring 2007, 2008
  - Researched on coordination of stochastic projects under information asymmetry
- Sep. 2000 –Jul. 2005     **University of California, Los Angeles, CA**  
The Anderson School of Management  
Teaching assistant for the following courses
- Professor Rakesh Sarin, “Data and Decisions,” Core Executive MBA, Fall 2000, ..., 2004
  - Professor Rakesh Sarin, “Data Analysis, Probability and Statistics,” Core MBA, Fall 2001
  - Professor Chris Tang, “Managerial Model Building,” Elective MBA, Spring 2001
  - Professor Chris Tang, “Operations and Technology Management,” Core Executive MBA, Winter 2002
  - Professor Charles Corbett, “Operations and Technology Management,” Core Executive MBA, Winter 2003, 2004, 2005
  - Professor William Pierskalla, “Elements of Production and Operations Research,” Undergraduate, Winter 2002, 2003, 2004, Spring 2002
- Jan. 1998 – Jan. 2005     **Kiran Consulting Group, San Diego, CA**  
Consultant
- Developed optimization and simulation models for complex consulting projects
  - Led high impact projects for companies including Wells Fargo Bank, Neutrogena, Exel Logistics, Qualcomm, Avery Dennison, Universal Studios, Walt Disney World, Disneyland, NASSCO, and Qwest
- Sep. 1997 – Jan.1998     **Tulane University, A. B. Freeman School of Business, New Orleans, LA**  
Visiting Researcher in Supply Chain Management Consortium
- Researched impact of supplier alliances in efficient supply chains
- Sep. 1995 – Aug. 1997     **Bilkent University, Industrial Engineering Department, Turkey**  
Teaching Assistant for Professor Ihsan Sabuncuoglu, “Simulation,” Spring 1996, 1997

## EDUCATION

- 2000-2005     **Ph.D. in Management, UCLA Anderson School of Management, Los Angeles, CA**  
GPA: 3.99/4.00, Full scholarship from UCLA for five years  
Research and training focus on operations, project, and supply chain management  
Dissertation Title: Coordination and Incentive Contracts in Stochastic Project Management
- 1995-1997     **M.S. in Industrial Engineering, Bilkent University, Turkey**  
Summa cum laude, GPA: 3.97/4.00  
Full scholarship from Bilkent University  
Thesis Title: Reactive Scheduling of Stochastic Production Systems

1990-1995

**B.S. in Industrial Engineering, Bilkent University, Turkey**

GPA: 3.86/4.00 – Graduated first in the department

Full scholarship from Bilkent University

## WORKING PAPERS and PUBLICATIONS

- “Incentives in Project Teams”, working paper
- “Resource Allocation in Projects with Stochastic Activity Durations”, joint work with Charles Corbett, working paper
- “Incentive Contracts in Project Management under Asymmetric Information”, joint work with Charles Corbett, UCLA, *R&R from MSOM*
- “An Integrated Planning System for Managing the Refurbishment of Thermoluminescent Badges”, 2004, *Interfaces*, 34-5, pp 383-393, with Christopher Tang
- “Analysis of Reactive Scheduling Problems in a Job Shop Environment”, 2000, *European Journal of Operational Research*, 126, pp. 567-586, joint work with Ihsan Sabuncuoglu
- “Job Shop Scheduling with Beam Search”, 1999, *European Journal of Operational Research*, 118, pp 390-412, joint work with Ihsan Sabuncuoglu
- “System and method for workforce requirements management”, WO Patent WO/2005/106,746, 2005, joint work with Ali Kiran, Celal Kaplan, Tekin Cetinkaya and Jeffrey Cameron

## CONFERENCES

- “Incentives in Project Teams”, *MSOM Conference, Atlanta*, 2006, *INFORMS – Pittsburgh*, 2006
- “Staff Mix Optimization in Service Organizations”, *INFORMS – San Francisco*, 2005
- “Incentive Contracting in Project Management”, *INFORMS – Denver*, 2004
- “Managing the Exchange Services for Reusable Products”, *INFORMS – Atlanta*, 2003
- “Capacity Planning Analysis for Neutrogena”, *ProModel User’s Conference*, 2000
- “Capacity Planning by Using Simulation” *IEE Simulation Solutions Conference*, 2000
- “Increasing the Power of Simulation with Forecasting” *IEE Simulation Solutions Conference*, 1999
- “Hilltop Parking Operations Planning at Universal Studios, Hollywood” *ProModel User’s Conference*, 1999
- “Branch Staffing Optimization by Using Simulation” *ProModel User’s Conference*, 1998