

# Pradeep Pendem

Lundquist College of Business  
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## EMPLOYMENT

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- **Charles H. Lundquist College of Business, University of Oregon, Eugene** Sep'18 - Current  
Assistant Professor, Department of Operations and Business Analytics

## EDUCATION

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- **Kenan-Flagler Business School, UNC Chapel Hill** Aug'13 - Aug'18  
Doctor of Philosophy, *Operations, Technology & Innovation Management*
- **Indian Statistical Institute** Jun'06 - Jul'08  
Master of Technology, *Quality, Reliability & Operations Research*
- **Andhra University** May'02 - Apr'06  
Bachelor of Engineering, *Electrical & Electronics Engineering*

## RESEARCH INTERESTS

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- Data-Driven Operational Analytics in Service Operations, People Analytics  
Methodologies: Statistics/Econometrics, Machine Learning, Stochastic Modeling, Optimization

## RESEARCH PAPERS

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- **Pendem P**, Deshpande V. 2020. Logistics Performance, Ratings, and its impact on Customer Purchasing Behavior and Sales in E-commerce Platforms (Under Second Round Review at MSOM)
- Kesavan S, Lambert S, Willams J, **Pendem P**. 2020. Doing Well By Doing Good: Improving Store Performance with Employee-friendly Scheduling Practices at the Gap, Inc (Major Revision at Management Science)
- **Pendem P**, Green P, Staats B, Gino F 2020. The Micro-structure of Work : Understanding Breaks and the Productivity Benefits of Pauses. (Under Second Round Review at MSOM)
- **Pendem P.**, Deshpande V. 2020. Demand Estimation and Allocation of Bikes Using Real-Time Trip and Inventory Data to Maximize Ridership in Bike-Sharing Systems. (Ready for submission at MSOM)
- Narayanan S, Tiwari V, **Pendem P**. 2020. Learning in Robotic Surgeries (*working*)
- Narayanan S, Tiwari V, **Pendem P** 2020. The Role of Robotic Surgeries Experience on Learning and Forgetting in Minimally Invasive Surgeries (*working*)
- **Pendem P**, Piri S. 2020. The Operational Value of Integrated Warehouse and Logistics on Logistics Performance and Business Growth for Sellers (*working*)

## AWARDS/HONORS

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- Recipient of 2019 *Elwood S. Buffa* Doctoral Dissertation Award
- Recipient of 2017 *Harvey Wagner* scholar award for research progress in the PhD program

## RESEARCH EXPERIENCE

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- **Indian School of Business** Nov'11 - Jul'13  
Topic: Operational and Clinical drivers of patients Length of Stay (LOS) in Eye-Care Outpatient Services  
Advisors: Sarang Deo (ISB), Aditya Jain (Baruch College)
- **Indian Statistical Institute** Jan'08 - Mar'08  
Topic: Multivariate Stress-Strength Reliability Modeling of Complex Systems  
Advisors: Ashis Kr.Chakraborty (SQC & OR practice), Tapas Samanta (Stat-Math unit)

## TEACHING EXPERIENCE

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- Predictive Analytics (in R) (OBA 410/510), Operations Management (OBA 335)  
Winter and Spring 2019, 2020
- Business Analytics (BUSI 410, Undergraduate core course), Instructor  
Summer 2017, Course rating: 4.5, Instructor rating : 4.75 (Ratings on scale of 1 to 5, with 5 being the best)
- Business Analytics (BUSI 410), Data Analytics: Tools and Opportunities (MBA 706, MBA elective)  
Teaching Assistant, Spring 2016

## SERVICE

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- PhD Thesis Committee member - Hossein Rikhtehgar Berenji, Mona Jabbari
- UO PhD Qualifier Exam Committee member 2019
- Job Search Committee member for OBA department, Lundquist College of Business 2018-19
- Referee for Management Science, MSOM, Production and Operations Management, Journal of Operations Management

## INVITED TALKS

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- University of Kansas, Lawrence, Kansas
- Indian School of Business, Hyderabad, India
- Fisher School of Business, Ohio State University, Columbus, Ohio
- Charles H. Lundquist College of Business, University of Oregon, Eugene, Oregon
- George Mason University, Fairfax, Virginia

## CONFERENCE PRESENTATIONS

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- Logistics Performance, Ratings, and its impact on Customer Purchasing Behavior and Sales in E-commerce Platforms - INFORMS 2018, MSOM 2019
- The Micro-structure of Work: Understanding Breaks and the Productivity Benefits of Pauses - POMS 2015, 2016, 2017, INFORMS 2016, 2017, Wharton Empirical Workshop 2017
- Demand Estimation and Allocation of Bikes Using Real-Time Trip and Inventory Data to Maximize Ridership in Bike-Sharing Systems - INFORMS 2016, 2017, POMS 2017, MSOM 2017

## INDUSTRY EXPERIENCE

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- **Fidelity Investments**, Forecasting Analyst Jan'10 - Oct'11  
Tax-Exempt Market 401(k) Inbound Call volume Demand Forecasting, Call Center Queue Redesign, Portfolio Optimization
- **Wipro Consulting Services**, Consultant Sep'08 - Jan'10  
Microsoft OCIM, Decision making uncertainty, Software Engineering Process Group

## SOFTWARE EXPERTISE

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- R, SAS, STATA, MATLAB, GAMS, Crystal Ball

## CERTIFICATION & TRAINING

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- BASE & Advanced SAS certified by SAS Institute, USA
- Applied Analytics using SAS Enterprise Miner & Advanced Business Analytics training at SAS, Cary, NC