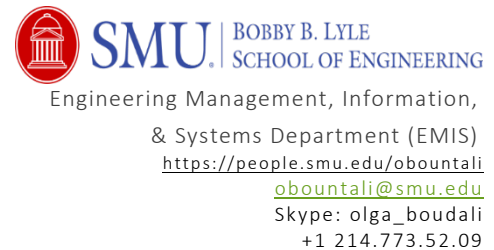


# Curriculum Vitae



OLGA BOUNTALI

## ACADEMIC EMPLOYMENT

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Postdoctoral Fellow, EMIS, Southern Methodist University.	2015 -
Postdoctoral Fellow, Department of Industrial Engineering, Koç University.	2014 - 2015
Research Assistant, Department of Mathematics, University of Athens.	2011 - 2015

## ACADEMIC AFFILIATIONS

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Research Associate, UT Southwestern Medical Center, Internal Medicine.	2017 -
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## EDUCATION

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Ph.D. in Mathematics, Department of Mathematics, University of Athens, Greece.	2014
M.Sc. in Statistics and Operations Research, Department of Mathematics, University of Athens, Greece.	2009
B.Sc. in Mathematics, Department of Mathematics, University of Athens Greece.	2005

## RESEARCH AND TEACHING INTERESTS

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Methodology: Queueing theory, game theory, stochastic modeling, applied probability, linear programming, stochastic dynamic programming, simulation, project management  
Applications: Supply chain management, healthcare operations management, revenue management, hospitality

## PUBLICATIONS

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### Published

1. Bountali O. and Economou A. (2017) Equilibrium threshold joining strategies in partially observable batch service queueing systems. *Annals of Operations Research: DOI 10.1007/s10479-017-2630-0*.
2. Bountali O. and Economou A. (2017) Equilibrium joining strategies in batch-service queueing systems. *European Journal of Operational Research*, **260(3)**, 1142-1151.
3. Boudali<sup>1</sup> O. and Economou A. (2013) The effect of catastrophes on the strategic customer behavior in queueing systems. *Naval Research Logistics* **60**, 571-587.
4. Boudali O. and Economou A. (2012) Optimal and equilibrium balking strategies in the single server Markovian queue with catastrophes. *European Journal of Operational Research* **218**, 708-715.

### Submitted, In Preparation

5. Bountali O., Burnetas A., and Örmeci L. (2017) Equilibrium strategies in systems with batch arrivals: How much you can protect your party (*submitted to Operations Research*).
6. Bountali O., Çetinkaya, S., and Ahuja, V. (2017) On the protocol treatment restrictions for indigent patients suffering from a chronic disease: The case of compassionate dialysis (target: *Management Science*, estimated submission: October 2017).
7. Bountali O. and Economou A. (2017) Strategic decisions in a two-stage network under partial information (target: *Manufacturing & Service Operations Management*).

### Work in Progress

8. Nourbakhsh, F., Bountali O., Çetinkaya, S., and Ahuja, V. (2017) Improving quality and efficiency in the delivery of care to uninsured patients: A simulation approach (target: *Interfaces*).
9. Bountali O. and Örmeci L. (2017) Admission control policies in a distribution system with consolidated orders (target: *IIE Transactions*).

## STUDENT MENTORING

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Farnaz Nourbakhsh (Advisor: Sila Çetinkaya, EMIS, Southern Methodist University, Dissertation in progress)

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<sup>1</sup> "Bountali" was previously spelled as "Boudali"

## HONORS AND AWARDS

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Postdoctoral Fellowship, sponsored by Dr. Sila Çetinkaya, Cecil H. Green Professor of Engineering.	2015 -
Postdoctoral Fellowship, sponsored by the Scientific and Technological Research Council of Turkey (TÜBİTAK, 2216 Research Fellowship Program).	2014 - 2015
Doctoral Fellowship (1st), Sponsored by the State Scholarship Foundation of Greece.	2010-2013
Award of excellence in postgraduate studies (1st), University of Athens, Greece.	2006
Award for top-10 entrance (9th), University of Athens, Greece.	2001

## TEACHING EXPERIENCE

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Adjunct Faculty, EMIS, Southern Methodist University. Probability and Statistics (graduate course, ~30 students)	2018 (scheduled)
Guest Instructor, EMIS, Southern Methodist University. Supply Chain, Operation, and Control (graduate course, ~10 students) Project Management (graduate course, ~40 students) Stochastic Models (graduate course, ~10 students)	2015-2017
Teaching Assistant, University of Athens. Introduction to Probability Theory (undergraduate course, ~80 students) Queueing Theory (undergraduate course, ~40 students) Stochastic Models in Operations Research (graduate course, ~20 students) Introduction to Linear Programming (undergraduate course, ~80 students) Stochastic Processes (graduate course, ~20 students)	2009-2014

## INVITED RESEARCH SEMINARS

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2017: University of Rochester (scheduled), George Washington University, ESSEC School of Business  
2016: Cornell College of Business, Bogazici University  
2015: Sabanci University, Koç University, University of Ioannina

## CONFERENCE PRESENTATIONS

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INFORMS 2017 (Invited Talk-scheduled), APS 2017 (Invited Talk), POMS 2017 (Invited talk), INFORMS 2016 (Invited talk/Invited Session Chair), POMS 2016 (Invited talk), APS-INFORMS 2015, EURO-INFORMS 2013, STOCHMOD 2012, National Conference of Hellenic Mathematical Society (HMS) and Hellenic Operations Research Society (HELORS) 2011, MCQT 2010, STOCHMOD 2010.

## PROFESSIONAL TRAINING

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Teaching Effectiveness Symposium, INFORMS 2017, Houston, TX, 2017.  
Simulation Modelling for System Design and Optimization, Averill M. Law and Associates, Washington, DC, 2017.  
NSF Professional Grant Development Workshop, Grant Training Center & University of North Texas Health Science Center, Fort Worth, TX, 2016.  
Advanced Training in Project Management, Southern Methodist University, Dallas, TX, 2016.  
24th Annual Teaching Effectiveness Symposium, Southern Methodist University, Dallas, TX, 2016.  
The road to Tenure Workshop, Southern Methodist University, Dallas, TX, 2016.

## SERVICE, PROFESSIONAL ACTIVITIES

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Conferences' Organization: Invited Session Chair, INFORMS 2016; Local Committee, APS-INFORMS 2015; Local Committee, STOCHMOD 2010  
Referee: Management Science, European Journal of Operational Research, Queueing Systems, Annals of Operations Research, Naval Research Logistics, Omega, Applied Mathematical Modeling, Advances in Operations Research, Operations Research Spectrum  
Memberships: INFORMS (MSOM, WORMS), POMS, Hellenic Mathematical Society, Decision Science Institute

## FUNDED RESEARCH PARTICIPATION

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Improving Quality & Efficiency in the Delivery of Care to Uninsured Patients at Parkland Hospital.

*Investigators:* Sila Çetinkaya (Principal), Vishal Ahuja

*Funded by:* Lyle School of Engineering Seed Funding with matching funds from Cox School of Business and in-kind support by Parkland Memorial Hospital and UT Southwestern (\$20K, 2015 - present)

*Role:* Postdoctoral researcher

New Methods in Analysis of Market Competition: Oligopoly, Networks & Regulation.

*Investigators:* N. Vettas (Coordinator), A. Burnetas, Y. Katsoulakos, G. Stamoulis, E. Petrakis (team leaders)

*Funded by:* The European Union and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF) (\$560K, 2012 - 2014).

*Role:* Doctoral researcher

Service Systems with Strategic Customers: Equilibrium Analysis & Value of Information.

*Investigators:* O. Z. Askin-Karaesmen (PI), A. Burnetas (PI), F. Karaesmen, A. Economou, L. Örmeci, G. Liberopoulos

*Funded by:* The Scientific and Technological Research Council of Turkey (TUBITAK), General Secretary of Research & Technology of Greece (GRST); (\$15K, 2011-2013)

*Role:* Doctoral researcher

## GRADUATE COURSEWORK

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Mathematics and Statistics (Department of Mathematics, University of Athens): Real Analysis, Measure Theory, Complex Analysis, Measure-Theoretic Probability Theory, Difference Equations, Numerical Analysis, Parametric and Non-Parametric Statistics, Data Collections/Sampling, Statistical Inference, Bayesian Statistics, Regression Analysis, Time Series, Multivariate Analysis, Simulation

Operations Research (Department of Mathematics, University of Athens): Applied Probability, Stochastic Processes, Queueing Theory, Game Theory, Stochastic Models in OR, Deterministic Models in OR, Decision Theory, Computational Methods, Reliability Theory, Linear and Integer Programming, Non-Linear Programming, Stochastic Dynamic Programming

Applications of Operations Research and Management Science: Supply Chain Management (School of Industrial Engineering, Koç University; EMIS, SMU; Cox School of Business, SMU), Operations Management (Cox School of Business, SMU), Project Management (EMIS, SMU; Cox School of Business, SMU)

## SKILLS & COMPETENCIES

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Programming/Commercial Software: Latex, MATLAB, SIMIO, SPSS, Microsoft Office Suite, Minitab, C, Mathematica

Languages: Greek, mother tongue; English, fluent; French, well written and spoken; Italian, well written and spoken

## REFERENCES

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Dr. Vishal Ahuja, Assistant Professor  
COX School of Business, SMU, Dallas, TX  
[vahuja@smu.edu](mailto:vahuja@smu.edu)

Dr. Zeynep Askin, Professor  
Department of Administrative Sciences and  
Economics, Koç University, Istanbul, Turkey  
[zaskin@ku.edu.tr](mailto:zaskin@ku.edu.tr)

Dr. Apostolos Burnetas, Professor  
Department of Mathematics,  
University of Athens, Greece  
[aburnetas@math.uoa.gr](mailto:aburnetas@math.uoa.gr)

Dr. Sila Çetinkaya, Professor (*Postdoctoral advisor*)  
Department of EMIS, SMU, Dallas, TX  
[sila@smu.edu&](mailto:sila@smu.edu&)

Dr. Antonis Economou, Professor (*PhD advisor*)  
Department of Mathematics,  
University of Athens, Greece  
[aeconom@math.uoa.gr](mailto:aeconom@math.uoa.gr)

Dr. Fikri Karaesmen, Professor  
Department of Industrial Engineering,  
Koç University, Istanbul, Turkey  
[fkaraesmen@ku.edu.tr](mailto:fkaraesmen@ku.edu.tr)

Dr. Lerzan Örmeci, Associate Professor  
(*Postdoctoral advisor*)  
Department of Industrial Engineering,  
Koç University, Istanbul, Turkey  
[lormeci@ku.edu.tr](mailto:lormeci@ku.edu.tr)