

Christos Zacharias

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Education

- 2009–2014 **PhD Operations Management**, Stern School of Business, New York University.
2005–2009 **BSc Mathematics**, School of Sciences, University of Athens. **GPA: 9.56/10, Rank: 1st.**

Academic Positions

- 2016–Present **Assistant Professor of Management Science.**
University of Miami Business School.
- 2015–2016 **Research Assistant Professor of Management Science.**
University of Miami Business School.
- 2014–2015 **Visiting Assistant Professor of Management Science.**
University of Miami Business School.
- **Teaching Experience:**
 - MAS 342: Introduction to Optimization and Decision Making
 - MAS 442: Stochastic Models in Operations Research
 - MAS 452: Systems Analysis
 - MAS 632: Management Science Models for Decision Making (MSBA)

Research Interests and Methodologies

Stochastic Modeling, Stochastic Calculus, Applied Probability, Queueing Theory, Scheduling, Discrete Optimization, Predictive Modeling, Service Operations, Healthcare Operations.

Publications

- Zacharias, C. and T. Yunes. 2018. Multimodularity in the Stochastic Appointment Scheduling Problem with Discrete Arrival Epochs. *Management Science* (forthcoming).
“POMS College of Healthcare Operations Management Best Paper Competition”, runner-up.
- Zacharias, C. and M. Armony. 2017. Joint Panel Sizing and Appointment Scheduling in Outpatient Care. *Management Science* **63**(11) 3978–3997.
- Zacharias, C. and M. Pinedo. 2017. Managing Customer Arrivals in Service Systems with Multiple Identical Servers. *Manufacturing & Service Operations Management* **19**(4) 639–656.
“INFORMS Service Science Section Best Paper Award”, first prize.
- Pelechrinis, K., C. Zacharias, M. Kokkodis and T. Lappas. 2017. Economic Impact and Policy Implications from Urban Shared Transportation: The Case of Pittsburgh’s Shared Bike System. *PLoS ONE*. **12**(8) e0184092.
- Pinedo, M., C. Zacharias and N. Zhu. 2015. Scheduling in the Service Industries: An Overview. *Journal of Systems Science and Systems Engineering* **24**(1) 1–48.
- Zacharias, C. and M. Pinedo. 2014. Appointment Scheduling with No-Shows and Overbooking. *Production and Operations Management* **23**(5) 788–801.

Selected Working Papers

- Revenue Management & Optimal Assortment in Online Search Results for Hotels, with Y. Hu, X. Li.
- Dynamic Inter-day and Intra-day Appointment Scheduling.
- Stochastic Comparisons and Monotonicity Properties for Queues with Appointment-driven Arrivals in Transient State.
- Promoting Awareness for Public Health Issues and Treatment Options, with Z. Chen, M. Kokkodis, J. Zhang.
- Optimal Scheduling of Field Service Personnel, with V. Kanuri.

Academic Service

- **Journal reviewer:** Management Science, Operations Research, Production and Operations Management, Manufacturing & Service Operations Management, Decision Sciences, INFORMS Journal on Computing, European Journal of Operational Research, IIE Transactions, OMEGA.

Selected Honors and Awards

- 2018 **POMS College of Healthcare Operations Management Best Paper Competition**, runner-up.
- 2014 **INFORMS Service Science Section Best Paper Award**, first prize.
- 2014 **Alexander S. Onassis Foundation**, graduate scholarship.
- 2013 **Panpaphian Association of America**, graduate scholarship.
- 2009-2014 **NYU Stern School of Business**, doctoral fellowship.
- 2005-2009 **Greek State Scholarships Foundation**, awards for excellent academic performance.
- 2005-2009 **Greek State Scholarships Foundation**, undergraduate scholarship.
- 2004 **45th International Mathematical Olympiad**, member of the Cypriot team.
- 2003 **Cypriot Physicists Society**, first prize in regional physics competition.
- 2003 **Cypriot Mathematical Society**, gold medal in national mathematics competition.
- 2003 **Cypriot Mathematical Society**, first prize in regional mathematics competition.

Invited and/or Refereed Research Presentations

- INFORMS Healthcare 2019, MIT Sloan School of Management, Cambridge, MA.
- INFORMS Annual Meeting 2018, Phoenix, AZ.
- 2018 College of Engineering Research Day, University of Miami, Coral Gables, FL. [video](#)
- POMS Annual Conference 2018, Houston, TX. Session chair.
- Feb 2018 Faculty Colloquium, University of Miami Business School, Coral Gables, FL.
- INFORMS Annual Meeting 2017, Houston, TX.
- INFORMS Healthcare 2017, Rotterdam, Netherlands.
- POMS International Conference 2017, Tel Aviv, Israel.
- POMS Annual Conference 2017, Seattle, WA.
- INFORMS Annual Meeting 2016, Nashville, TN.
- POMS Annual Conference 2016, Orlando, FL.
- INFORMS Annual Meeting 2015, Philadelphia, PA.
- Rutgers Applied Probability Conference 2015, New Brunswick, NJ.
- POMS Annual Conference 2015, Washington, DC.
- INFORMS Annual Meeting 2014, San Francisco, CA.
- POMS Annual Conference 2014, Atlanta, GA.
- INFORMS Annual Meeting 2013, Minneapolis, MN.
- M&SOM 2013, INSEAD, Fointainebleau, France. Session chair.
- INFORMS Healthcare 2013, Chicago, IL.
- INFORMS Annual Meeting 2012, Phoenix, AZ.
- M&SOM 2012, Columbia University, New York, NY.
- INFORMS Annual Meeting 2011, Charlotte, NC.
- INFORMS Healthcare 2011, Montreal, Canada.

Military Service

- 2003-2005 **Cyprus National Guard**, honorably discharged as Second-Lieutenant.

Miscellaneous

- **Computer skills:** MATLAB, L^AT_EX.
- **Languages:** English (fluent), Greek (native).
- **Personal interests:** guitar, marathons, karate (2nd DAN), yoga, know thyself.