CURRICULUM VITA

EUNJI LIM

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EDUCATION

- Ph.D. in *Management Science and Engineering*, Stanford University, Stanford, CA, USA (Sep 2002 – Aug 2008)
- B.S. in *Electrical Engineering* and *Mathematics* (Double Major), KAIST, Daejeon, South Korea (Mar 1996 – Aug 2001)

PROFESSIONAL EXPERIENCE - ACADEMIC

- Associate Professor, Department of Decision Sciences, School of Business, Adelphi University, Garden City, NY (Sep 2023 – Present)
- Assistant Professor, Department of Decision Sciences, School of Business, Adelphi University, Garden City, NY (Sep 2018 – Aug 2023)
- Assistant Professor, School of Management and Marketing, College of Business and Public Management, Kean University, Union, NJ (Sep 2013 – Aug 2018)
- Assistant Professor, Industrial Engineering Department, College of Engineering, University of Miami, Coral Gables, FL (Aug 2008 – Aug 2013)

PROFESSIONAL EXPERIENCE - NON-ACADEMIC

- Summer Intern, DemandTec, Inc., San Mateo, CA (July 2007 – Sep 2007)
- Summer Intern, Samsung Securities Co., Seoul, South Korea (June 2003 – Aug 2003)

PUBLICATIONS

BOOK CHAPTERS

- Glynn, P. W. and Lim, E. (2009). Asymptotic Validity of Batch Means Steady–State Confidence Intervals. In *Advancing the Frontiers of Simulation: A Festschrift in Honor of George Samuel Fishman (International Series in Operations Research & Management Science)*, Springer, New York, pp. 87–104.

REFEREED JOURNAL ARTICLES

- Lim, E. (2025). Estimating a function and its derivatives under a smoothness condition. *Mathematics of Operations Research*, 50(2), 1112–1138. `https://doi.org/10.1287/moor.2020.0161`
- Lim, E. and Glynn, P. W. (2022). Simulation-based prediction. *Operations Research*, 71(1), 47–60. `https://doi.org/10.1287/opre.2021.2229` (FT50, UTD24)

- Lim, E. (2021a). Simulation-based optimization for convex functions over discrete sets. *International Journal of Statistics and Probability*, 10, 31–37.
- Lim, E. (2021b). Estimation of unknown parameters using partially observed data. *Journal of Modelling in Management*, 16, 651–667.
- Lim, E. (2021c). Consistency of penalized convex regression. *International Journal of Statistics and Probability*, 10, 69–78.
- Lim, E. and Kim, E. (2020). Estimating smooth and convex functions. *International Journal of Statistics and Probability*, 9, 40–48.
- Lim, E. (2020). The limiting behavior of isotonic and convex regression estimators when the model is misspecified. *Electronic Journal of Statistics*, 14, 2053–2097.
- Lim, E., Choi, J. and Kim, Y. (2018). A theoretically sound approach to sizing analog circuits. *Journal of Semiconductor Technology and Science*, 18, 200–210.
- Lim, E. and Tavarez, E. (2017). Nonparametric tests for convexity/monotonicity/positivity of multivariate functions with noisy observations. *International Journal of Statistics and Probability*, 6, 18–28.
- Lim, E. and Gonzalez, F. (2017). Estimation of multivariate smooth functions via convex programs. *International Journal of Statistics and Probability*, 6, 1–8.
- Lim, E. and Attallah, M. (2016). Estimation of smooth functions via convex programs. *International Journal of Statistics and Probability*, 5, 150–155.
- Luo, Y. and Lim, E. (2016). On consistency of least absolute deviations estimators of convex functions. *International Journal of Statistics and Probability*, 5, 1–18.
- Lim, E. (2014). On convergence rate of convex regression in multiple dimensions. *INFORMS Journal on Computing*, 26, 616–628. (UTD24)
- Luo, Y. and Lim, E. (2013). Simulation-based optimization over discrete sets with noisy constraints. *IISE Transactions*, 45, 699–715.
- Lim, E. (2012). Stochastic approximation over multi-dimensional discrete sets. *ACM Transactions on Modeling and Computer Simulation*, 22, 19:1–19:23.
- Lim, E. and Glynn, P. W. (2012). Consistency of multi-dimensional convex regression. *Operations Research*, 60, 196–208. (FT50, UTD24)
- Lim, E. (2011). On the convergence rate for stochastic approximation in the nonsmooth setting. *Mathematics of Operations Research*, 36, 527–537.

  * UTD24 = Top 24 journals for UTD Top 100 Business School Research Rankings.

  * FT50 = Top 50 Journals used in Financial Times Research Rank.

REFEREED CONFERENCE PROCEEDINGS

- Lim, E., Kim, Y., and Choi, J. (2015). Optimization of analog circuits via simulation. *Winter Simulation Conference*, 1206–1217.

- Lim, E. and Luo, Y. (2014). Estimating convex functions via least absolute deviations. *Winter Simulation Conference*, 2682–2691.
- Luo, Y. and Lim, E. (2011). Simulation-based optimization with noisy constraints. *Winter Simulation Conference*, 4013–4025.
- Glynn, P. W. and Lim, E. (2011). Brownian bridge hypothesis testing. *Winter Simulation Conference*, 481–487.
- Lim, E. (2010). Response surface computation in the presence of convexity. *Winter Simulation Conference*, 1246–1254.
- Lim, E. (2009). Newton-Raphson stochastic approximation. *Winter Simulation Conference*, 613–622.
- Lim, E. and Glynn, P. W. (2006). Simulation-based surface computation. *Winter Simulation Conference*, 264–271.

CONFERENCE PRESENTATIONS (NON-REFEREED)

- INFORMS Annual Meeting (2023, 2021, 2020, 2019, 2011, 2010, 2009, 2006)
- Applied Probability Society Conference (2023, 2011)
- Stochastic Approximation Workshop, University of Bristol, Bristol, UK (2010)

INVITED TALKS

- Department of Mathematical Sciences, KAIST, South Korea (2011)
- School of Business, University of Miami (2008)

WORK IN PROGRESS

- Liao, Z., Dai, S., Lim, E., Kuosmanen, T. (2025). Overfitting reduction in convex regression. Under review, *European Journal of Operational Research*.
- Lim, E. (2025). Convex regression with a penalty. Under review, *Mathematics of Operations Research*.
- Lim, E. (2025). Overfitting in isotonic regression. Under review, *Statistics and Probability Letters*.
- Lim, E. (2025). Uniform almost sure consistency of smoothing spline estimators. Under review, *Journal of Computational and Applied Mathematics*.

PROFESSIONAL SERVICE

- Associate Editor, *Journal of Modelling in Management* (Sep 2023 – Present)
- Ad-hoc reviewer for *Operations Research, Mathematics of Operations Research, INFORMS Journal on Computing, Operations Research Letters, IEEE Transactions on Automatic Control, ACM Transactions on Modeling and Computer Simulation, Statistics & Probability Letters, Mathematical Reviews, Electronic Commerce Research*, and *Asian Journal of Probability and Statistics*.

COURSES TAUGHT

UNDERGRADUATE

- Adelphi University
  - DSC 272: Analytical and Statistical Modeling
  - DSC 373: Management of Productions/Operations
- Kean University
  - MGS 2150: Business Statistics and Applications
  - MGS 4120: Supply Chain Management
  - MKT 3720: Logistics and Transportation
  - MGS 4010: Operations Management
  - MGS 3110: Managerial Decision Modeling
  - MGS 2110: Quantitative Methods
- University of Miami
  - IEN 311: Applied Probability and Statistics
  - IEN 465: Production and Inventory Control

GRADUATE

- Adelphi University
  - DSC 678: Creating Organizational Value through Operations and SCM
  - DSC 662: Supply Chain Management
  - DSC 663: Procurement and Global Sourcing
  - DSC 665: Service Management
  - DSC 669: Supply Chain Capstone
  - DSC 670: Statistical Methods
  - DSC 784: Optimization and Prescriptive Models
- University of Miami
  - IEN 665: Advanced Production Systems

Ph.D. SUPERVISION

- Yao Luo (Aug 2009 – May 2013) First Position: Supply Chain Management Team, Office Depot