

GLEB ZAVADSKIY

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ACADEMIC EXPERIENCE

- **Assistant Professor**, Department of Information Systems, College of Business,
Auburn University at Montgomery, Montgomery, AL
September 2024 - current

EDUCATION

Ph.D. in Business Administration with a concentration in Information Systems,
University of South Florida, Tampa, FL, USA, August 2018 - August 2024

- Dissertation title “Essays on Information Technology in Healthcare”
Committee members: *Daniel Zantedeschi (Co-chair), Wolfgang Jank (Co-chair), Kellas Cameron, Sunil Mithas, Prasad Naik*

Master of Business Administration with concentrations in Finance and Compliance, Risk & Anti-Money Laundering, University of South Florida, Tampa, FL, USA
2014 - 2016

Master's in Applied Mathematics and Physics, Moscow Institute of Physics and Technology (MIPT), Dolgoprudny, Moscow Region, Russia
2011 - 2013

Bachelor's in Applied Mathematics and Physics, Moscow Institute of Physics and Technology (MIPT), Dolgoprudny, Moscow Region, Russia
2007 - 2011

RESEARCH INTERESTS

- Data Science/AI & ML
- Healthcare Information Technology
- Operations Research
- Science of Science
- IT for competitive advantage

PUBLISHED PAPERS IN INFORMATION SYSTEMS AND OTHER TOP JOURNALS

1. **Zavadskiy, G**, Guru Muniasamy, I., & Mithas, S. (2025). Concentration in Academic Publishing and Journal Impact: A Descriptive Assessment of Top 51 Journals in Business and Economics. *Accepted to Production and Operations Management*.
2. Mithas, S., Silveira, A., & **Zavadskiy, G.** (2025). What Do We Know about the Science of Science in Business and Economics? Insights from the Top 50 Journals, 2008-2022. *Production and Operations Management*, 34(10), 2943-2969.
3. **Zavadskiy, G.**, Zantedeschi D. & Jank W. (2024). A Functional Hidden Markov Models to Incorporate Dynamics into Bayesian Optimal Stopping Problems: Helping Physicians Manage Traumatic Brain Injuries. *Decision Support Systems*, 177, 114078

OTHER PUBLISHED PAPERS

1. Noureldine, M. H. A., Hartnett, S., **Zavadskiy, G.**, Pressman, E., Kim, J. K., Davis, D., ... & Agazzi, S. (2021). Predicting neurosurgical clearance in the polytrauma patient with concomitant traumatic brain injury. *Journal of Clinical Neuroscience*, 89, 51-55.
2. Noureldine, M. H. A., Pressman, E., Kumar, J. I., **Zavadskiy, G.**, Tran, N. D., Greenberg, M. S., & Alikhani, P. (2021). Sacroiliac joint arthropathy in adult spinal deformity patients with long constructs to the pelvis. *Clinical Neurology and Neurosurgery*, 203, 106593.
3. Jha, R. T., McBride, P., **Zavadskiy, G.**, van Loveren, H. R., & Agazzi, S. (2020). Retrosigmoid Transtentorial Approach Compared to Traditional Transpetrosal Approaches for the Resection of Petroclival Meningiomas: A Case-Control Study. *Journal of Neurological Surgery Part B: Skull Base*.
4. Peto, I., Abou-Al-Shaar, H., White, T. G., Abunimer, A. M., Kwan, K., **Zavadskiy, G.**, ... & Dehdashti, A. R. (2020). Sources of residuals after endoscopic transsphenoidal surgery for large and giant pituitary adenomas. *Acta Neurochirurgica*, 1-11.
5. Noureldine, M. H. A., Aum, D., Piper, K., **Zavadskiy, G.**, Peto, I., Bach, K., ... & Agazzi, S. (2020). Value of the Petromeatal Angle in Predicting Outcome of Translabyrinthine Resection of Vestibular Schwannomas. *Operative Neurosurgery*.
6. Pressman, E., Jha, R. T., **Zavadskiy, G.**, Kumar, J. I., van Loveren, H., van Gompel, J. J., & Agazzi, S. (2020). Teflon™ or Ivalon®: a scoping review of implants used in microvascular decompression for trigeminal neuralgia. *Neurosurgical Review*, 43(1), 79-86.

RESEARCH PAPERS UNDER REVIEW/REVISION

1. Xu, Z., **Zavadskiy, G.**, Mithas, S., De Vreede, T., & Steele, L. Institutional Creativity to Foster Innovative Behavior: The Role of Knowledge Management Strategy and Communication Channels. *To be submitted to Management Information Systems Quarterly (MISQ)*.

WORKING PAPERS

1. Brown, A., Mithas, S., **Zavadskiy, G.**, & Sun, S. Patient Reminders Info System-Based Interventions: The Role of Preference and Reminder Frequency. *Manuscript under preparation for a journal submission*.
2. **Zavadskiy, G.**, Mithas, S., & Quick, J. Is the Glass Half-Full or Half-Empty? Evolution and State of the Information Systems Journals in the Financial Times List, 1990-2023. *Manuscript under preparation for journal submission*.
3. **Zavadskiy, G.** & Mithas, S. Benchmarking INFORMS Journals Against Disciplinary Peers: A Comparative Analysis of Top Business Journals (2007–2022). *Data analysis and modelling stage*

CONFERENCE PAPERS

1. Brown, A., Mithas, S., **Zavadskiy, G.**, & Sun, S. (2025). Patient Reminders Info System-Based Interventions: The Role of Preference and Reminder Frequency. In *Academy of Management Proceedings* (Vol. 2025, No. 1, p. 22315). Valhalla, NY 10595: Academy of Management.

2. **Zavadskiy, G.**, Zantedeschi D. & Jank W. A Bayesian Optimal Stopping Framework for Traumatic Brain Injuries Patients (2021). *ICIS 2021 Proceedings*. 2. https://aisel.aisnet.org/icis2021/is_health/is_health/2
3. Pressman, E., Jha, R. T., **Zavadskiy, G.**, Kumar, J. I., Peto, I., van Loveren, H., ... & Agazzi, S. (2020). Teflon or Ivalon®: A Scoping Review of Implants Used in Microvascular Decompression for Trigeminal Neuralgia. *Journal of Neurological Surgery Part B: Skull Base*, 81(S 01), P147.
4. Noureldine, M. H. A., Aum, D., **Zavadskiy, G.**, Peto, I., Piper, K., Bach, K., ... & Agazzi, S. (2020). Impact of Petromeatal Bone Angle on Degree of Tumor Resection and Facial Nerve Injury for Vestibular Schwannomas During the Translabirinthine Approach. *Journal of Neurological Surgery Part B: Skull Base*, 81(S 01), P231.

CONFERENCE PRESENTATIONS

1. **Zavadskiy, G.**, Mithas, S. & Champagnie, S. Can Information Technology Reduce Upcoding Errors and Improve Billing Accuracy in US Healthcare? (2022). *Conference on Health IT and Analytics (CHITA) 2022*
2. **Zavadskiy, G.**, Zantedeschi D. & Jank W. Managing Uncertainty in the Scheduling of Traumatic Brain Injuries Patients with Hidden Markov Models (2020). *Workshop on Information Technologies and Systems (WITS) 2020*
3. **Zavadskiy, G.** & Olenev, N. Moscow Real Estate Market (2014). *8th Russian Scientific Conference “Mathematical modeling of Economics, Ecology, and Technology” Ecomod-2014*
4. **Zavadskiy, G.** & Olenev, N. Moscow Real Estate Market (2014). *6th International Scientific Conference “Modernization and Innovative Development of Economic Systems: Challenges, Strategies, Structural Changes” 2014*
5. **Zavadskiy, G.** & Olenev, N. The Influence of Shadow Sector on Kirov Region Economy (2012). *55th Russian Scientific Conference 2012*

GRANTS

- **Alabama Talent Development Project** \$200,000 grant from Innovate Alabama Network to enhance AUM's pioneering Master of Science in Artificial Intelligence (MSAI) program — the first of its kind in Alabama housed within a business college.

TEACHING INTERESTS

- Data Analytics
- Machine Learning & Artificial Intelligence in Business
- Information Technology and Systems

TEACHING EXPERIENCE

- **Auburn University at Montgomery (AUM):** Data Analytics for Competitive Advantage, Information Security, Machine Learning and AI, Machine Intelligence Environment, Deep Learning
- **University of South Florida (USF):** Global Cyber Ethics, Systems Analysis and Design, Data Analytics with R, Python for Analytics, Business Application Development

PROFESSIONAL EXPERIENCE

- **Graduate/Research Assistant**, University of South Florida, Tampa, FL, USA, August 2018 – current
- **Teaching Assistant**, University of South Florida, Tampa, FL, USA, January 2018 – May 2018
- **Post-graduate Intern, Amruss Inc.**, Beaver Falls, PA, USA, December 2016 – June 2017
- **Account Executive**, Kirkwood, Cincinnati, OH, USA, September 2016 – December 2016
- **Data Analyst**, SmartLab, Moscow, Russia, September 2013 – December 2013
- **Marketing Manager/Analyst**, VESCO FACTORY HOUSE LTD, Moscow, Russia, June 2008 – December 2012

SERVICE EXPERIENCE

- Co-Director MS in AI Program at AUM
- Alabama Talent Development Project Leader

REFERENCES

1. Dr. Sunil Mithas

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2. Dr. Daniel Zantedeschi

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