

SELECTED PUBLICATIONS

Mencia Ledo, J., Noaeen, M., Shakeri, Z., (2026) Externally Validated Longitudinal GRU Model for Visit-Level 180-Day Mortality Risk in Metastatic Castration-Resistant Prostate Cancer <https://doi.org/10.48550/arXiv.2601.20046> (Pre-Print)

Mencia Ledo, J., Siddiqui, S., Lau, H.K.C. et al. (2026) Evaluating the Validity of the GM@W Survey: A Psychometric Study Across Gender and Industry. **J Occup Rehabil**. <https://doi.org/10.1007/s10926-026-10367-x>

Shahzad, M., **Mencia Ledo, J.**, Azarmi, M. et al. Safeguarding the skilled trades: burnout, job satisfaction, and the risk of turnover in Ontario electricians. **npj Mental Health Res** 5, 4 (2026). <https://doi.org/10.1038/s44184-026-00189-3>

Li, K. C., **Mencia Ledo, J.**, Neel, R. (2026) The Differential Roles of Minority Stressors in LGB Identity Disclosure **Journal of Homosexuality** <https://doi.org/10.1080/00918369.2025.2610502>

Obeidat, D., Lau, H.C.K., **Mencia Ledo, J.**, Siddiqui S., Sarawan A., Shi Z., Premji R., Howe, A., Bani-Fatemi, A., Asgary A., Gohar B., Kumar Chattu V., Maina G., Sunil T., Nowrouzi-Kia, B. (2025) Worker Health and Well-being in Ontario's Electrical Sector: A Quantitative Study of Occupational Health Outcomes **Frontiers in Public Health** <https://doi.org/10.3389/fpubh.2025.1735294>

Dolker, T., Dolma, T., Spoerel, A., Cameron, M., Bortolin, B., Colebatch, A., Crooks, C., Toolsiedas, H., **Mencia Ledo, J.**, Long, B.-Z.S., Siddiqui, S., Premji, R., McDougall, A., Nowrouzi-Kia, B. (2025) Yoga as a modality in occupational therapy practice for adults experiencing mood disorders: SR and MA **The British Journal of Occupational Therapy** <https://doi.org/10.1177/03080226251412253>

PRESENTATIONS

7th Work Disability Prevention and Integration Meeting, Vancouver BC, May 2026. **J. Mencia Ledo**, Z. Touma, B. Nowrouzi-Kia. "Predicting Early Workforce Departure in Systemic Lupus Erythematosus Patients: A Machine Learning Approach to Guide Early Clinical Intervention" (*Oral*)

15th European Lupus Meeting, Lisbon PT, March 2026. **J. Mencia Ledo**, Z. Touma, B. Nowrouzi-Kia. "Early Prediction of Labour Force Dropout in SLE Patients: Integrating Longitudinal Deep Learning" (*Poster*)

Canadian Rheumatology Association (CRA) Annual Scientific Meeting, Halifax NS, April 2026:

- **J. Mencia Ledo**, Z. Touma, B. Nowrouzi-Kia. "Predicting Work Disability in Systemic Lupus Erythematosus Patients: a Machine Learning Approach to Guide Early Clinical Intervention" (*Selected for Poster Tour*)
- **J. Mencia Ledo**, Z. Touma, B. Nowrouzi-Kia. "Effects of Pharmacotherapy on Fibromyalgia Symptoms and Functional Outcomes in Systemic Lupus Erythematosus: a Moderation Analysis on a Multicenter Canadian Study" (*Poster*)

Data Sciences Institute SUDS Showcase, Toronto ON, August 2025. **J. Mencia Ledo**, D. Bonilla, Z. Touma, B. Nowrouzi-Kia. "Early Prediction of Labour Force Dropout in SLE Patients: Integrating Longitudinal Deep Learning through an LSTM RNN with Random Forests" (*Oral*)

Institute of Medical Sciences SURP Research Day, Toronto ON, August 2025. **J. Mencia Ledo**, D. Lim. "Differential Chemotherapy Benefit in Triple-Negative Breast Cancer: Invasive Lobular vs. Ductal Carcinoma" (*Poster*)

Society for Personality and Social Psychology Self and Identity Preconference, Denver CO, February 2025. C. K. Li, **J. Mencia Ledo**, R. Neel. "To conceal or disclose? The differential role of minority stress in LGB identity concealment and disclosure." (*Poster*)

Undergraduate Research Presentations Department of Statistical Sciences, Toronto ON, August 2024. **J. Mencia Ledo**, F. Liu, S. Schwartz. "Demonstrating the feasibility of automating experimental bias evaluations within probabilistic programming frameworks" (*Oral*)

AWARDS

SURP Scholar, University of Toronto Institute of Medical Sciences (\$6,974 CAD) 2025

SUDS Scholar, University of Toronto Data Science Institute (\$7,200 CAD) 2025

UDSC Scholar, University of Toronto School of Cities (\$9,500 CAD - Declined) 2025

Faculty of Arts and Science Dean's List Scholar 2021, 2025

VOLUNTEER EXPERIENCE

President of the University of Toronto Run Club September 2024 – Present

• Coordinating 15 run leaders to organize events for over 500 runners each semester, and creating partnerships.

Co-Chief of Data Management at Food Security Analytica September 2024 – August 2025

• Researching UofT Scarborough food security via survey design, regression analysis, and stakeholder reporting