

THOMAS MAIERHOFER

EDUCATION

09/2018 - 06/2023	University of California, Los Angeles Ph.D. in Statistics, Thesis: Antarctic Sea Ice Reconstruction
10/2012 - 09/2017	University of Munich MSc Statistics, Thesis: Classification of Functional Data BSc Statistics with minor in Biology, Thesis: Estimation of Entropies
10/2014 - 09/2015	Cardiff University, Study Abroad as Erasmus Scholar Mathematics, Operations Research and Statistics

PROFESSIONAL EXPERIENCE

10/2023 - present	Lecturer, UCLA Department of Statistics & Data Science
10/2017 - 08/2018	Senior Statistician, UCLA CRESST

PUBLICATIONS

Raphael, M., **Maierhofer, T.**, Fogt, R., Handcock, M. (2025). A twenty-first century structural change in Antarctica's sea ice system, forthcoming

Maierhofer, T., Raphael, M., Fogt, R., Handcock, M. (2024). A Bayesian model for 20th century Antarctic sea ice extent reconstruction, *Earth and Space Science*, 11(10)

Liu, P., **Maierhofer, T.** (2024). U0126 Significantly Impacts Survival of Bisected Planaria, Poster presented at UCLA Undergraduate Research Week

Maierhofer, T. (2023). Statistical Reconstruction of 20th Century Antarctic Sea Ice, University of California, Los Angeles

Summer, B., Lill, D., Remmel, K., Schraml, A., Schopf, C., Banke, I.J., Kuechenhoff, H., **Maierhofer, T.**, Endres, S. & Thomas, P.(2022). An interleukin-1 polymorphism additionally intensified by atopy as prognostic factor for aseptic non-mechanical complications in metal knee and hip arthroplasty. *Frontiers in Immunology*, 13.

Boekels, C., **Maierhofer, T.**, & Schroeter, F. (2020). Method for Checking Plug Connections, US Patent US20200083644A1, Bayerische Motoren Werke AG

Maierhofer, T., Iseli, M., & Savitsky, E. (2018). Functional Regression for Analyzing Human Ratings of Ultrasound Probe Alignment. Poster presented at: CRESSTCON'18; 2018 Oct 1-2; Los Angeles, CA

Lee, A., & **Maierhofer, T.** (2018). Latent Ability Estimation in Serious Games Through Gameplay Data Visualization. Poster presented at: CRESSTCON'18; 2018 Oct 1-2; Los Angeles, CA

Maierhofer, T., Pfisterer, F., Bender, A., Küchenhoff, H., Moerer, O., Burchardi, H., & Hartl, W. H. (2017). Cost analysis as a tool for assessing the efficacy of intensive care units, *Medizinische Klinik-Intensivmedizin und Notfallmedizin*, 1-7.