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**Assistant Professor**

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Beate Jahn, Dipl.-Math. oec., Dr.rer.soc.oec., is an Assistant Professor at the Institute of Public Health, Medical Decision Making and Health Technology Assessment, Department of Public Health, Health Services Research and Health Technology Assessment at UMIT - University for Health Sciences, Medical Informatics and Technology in Hall i.T., Austria.

After her studies of Mathematics and Economics, Dr. Jahn worked in the Department of Structured Finance & Project Finance at the German Railway Company "Deutsche Bahn". She then moved to Austria where she worked as a research assistant at the Department of Medical Statistics, Computer Sciences and Health Management at Innsbruck Medical University. During this time she spent several months at PATH, the research institute for Assessment of Technology in Health, Hamilton, Canada. She completed her doctoral degree in Social Science with the focus on health-economic evaluation at the Leopold-Franzens-University of Innsbruck. She joined the Department of Public Health and Health Technology Assessment at UMIT in June 2007. In 2011/12 she spent two month as a Visiting Researcher at Toronto Health Economics and Technology Assessment Collaborative, University of Toronto, Canada. In 2017 she was a Visiting Scholar at the Center for Health Decision Science, Harvard School of Public Health, Boston, MA, USA. In 2018 Dr. Jahn was invited for a research visit at the Ben-Gurion-University of the Negev, Be'er Scheva, Israel.

Dr. Jahn's research interests include applying decision-analytic modelling, mathematical methods, quality-of-life assessment and cost-effectiveness analysis in health economics and policy decision making. Currently, she focuses on the application of discrete event simulation for economic evaluation and optimization. Her field research includes the development of a breast cancer outcome & policy model, the economic evaluation of colorectal cancer screening, a community-based aging and care study and a population modelling study. She is a senior lecturer at UMIT and Co-Director of the Practical Hands-on Workshop 'Modeling Approaches for HTA' in the Department's HTADS Program. She is Principal Investigator of the economic evaluation on colorectal cancer screening in cooperation with the Main Association of Austrian Social Security Institutions. She is also Work Package Coordinator and Key Researcher in the HTA Modelling Network Project DEXHELPP (Decision Support for Health Policy and Planning: Methods, Models and Technologies Based on Existing Health Care Data). Her research has been presented at international conferences and published in scientific articles and a text book chapter.

She is a member of the Board of Trustees of the Society of Medical Decision Making (SMDM), Director of the Austrian Regional ISPOR Chapter, a member of the ISPOR-SMDM Modeling Good Research Practices Task Force, a scientific review co-chair of the European conference of the SMDM 2018 and a member of the SMDM Education Committee and the Nominations Committee.

She held pre-conference workshops on decision analysis, modelling and discrete event simulation at meetings of the Society for Medical Decision Making in Europe, North America and Asia. She has been teaching in the summer school on decision analysis at Harvard T.H. Chan School of Public Health. She received the Award for the Best Short Course for the course on Discrete Event Simulation at SMDM in June 2012, Oslo.