



School of Health Professions

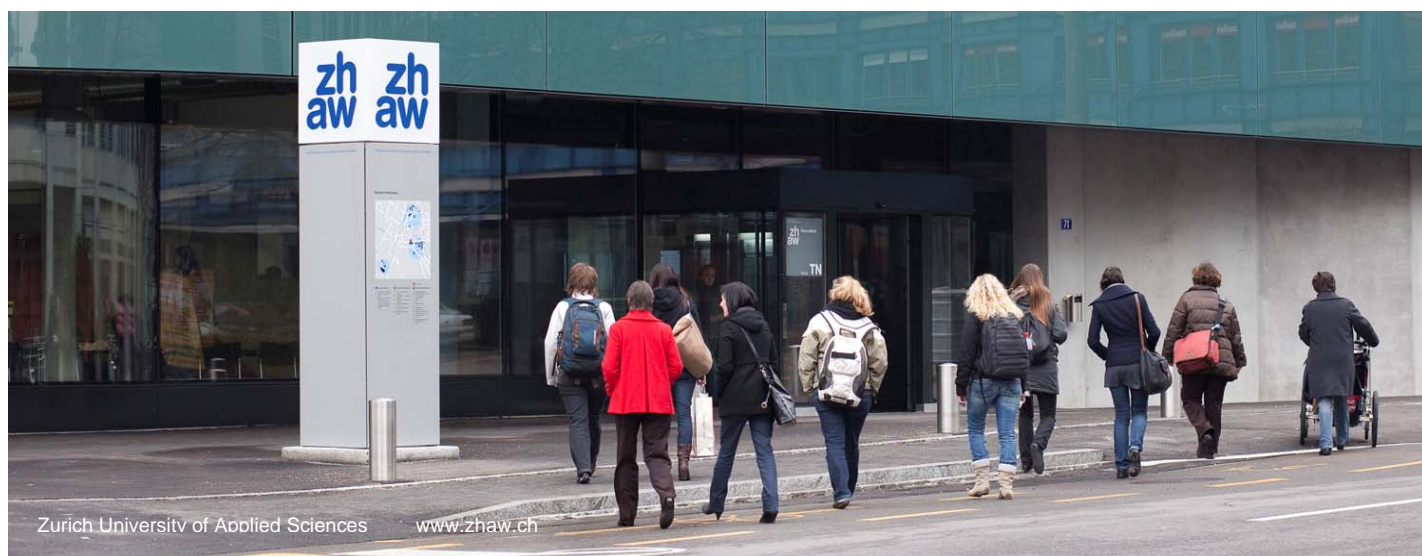
After Work Lecture

From Physical Activity to Physical Performance: How Mobile Technology is Changing Spine and Musculoskeletal Medicine

Prof. Dr. Matthew Smuck

Chief of Physical Medicine & Rehabilitation, Medical Director of Rehabilitation Services, Director Stanford Interventional Spine Fellowship and Associate Professor in Orthopaedic Surgery, Stanford University Hospital & Clinics and Stanford School of Medicine, Stanford University, California, USA

Monday, 13 October 2014, 5.30 to 6.30pm
Room TN E0.58, Technikumstrasse 71, 8400 Winterthur



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Prof. Dr. Matthew Smuck

Matthew Smuck is the Chief of Physical Medicine & Rehabilitation at Stanford University, Medical Director of Rehabilitation Services for Stanford Hospitals and Clinics, Director of Stanford PM&R Interventional Spine Fellowship and Associate Professor of Orthopaedics at Stanford University. In addition to his many positions, Prof. Smuck is Deputy Editor of The Spine Journal, Co-Editor of the Orthopedics Knowledge Update in Spine and is on the Assistant Editorial Board of the European Spine Journal. He also holds leadership roles in national and international physician societies including the International Spine Intervention Society, the Advanced Lumbar Spine Injection Course and the Annual Meeting for the North American Spine Society. Prof. Smuck's research interests focus on objective physical performance measures and functional outcome assessments in musculoskeletal diseases as well as on maximising the effectiveness and safety of percutaneous spine interventions. At the University Spine Center, he specialises in the comprehensive conservative management of spine disorders. Prof. Smuck has received multiple awards for 'best research' across numerous societies and journals.

From Physical Activity to Physical Performance: How Mobile Technology is Changing Spine and Musculoskeletal Medicine

Prof. Matthew Smuck will discuss how Stanford University medical research and Silicon Valley mobile technologies are combining forces to innovate outcome analysis. Focusing on the developments and findings from his Stanford University research lab, Prof. Smuck will talk about new technologies impacting spine and musculoskeletal medicine and address the great need to develop standardised, objective and quantifiable functional outcome measure in spine and musculoskeletal medicine. His talk will cover the scientific process behind activity monitors and the robust clinical insights already gained from the early application of this new technology in the field of spinal medicine.

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