

**Toni Arndt**  
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**President-Elect of the International Society of Biomechanics, ISB**

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Toni's academic life started with a BSc majoring in zoology at the University of Auckland in New Zealand. After a few years travelling abroad, he returned Down Under and completed his MSc (Human Movement Science) at the University of Wollongong in Australia. The MSc thesis was on the topic of knee injury mechanisms in alpine mogul skiing. Toni proceeded to the German Sports University in Cologne where he completed his PhD from 1993-1997. This work was the beginning of his interest in Achilles tendon biomechanics and also the scientific potential of invasive, in vivo measuring techniques. The PhD thesis provided the first scientific evidence of asymmetrical loading within the Achilles tendon.

Toni followed his wife to Sweden and was at the Karolinska Institute from 1998 – 2013, first as a post-doc and subsequently in charge of a biomechanics laboratory in the department of Orthopedic Surgery. Up until 2011 he was also Program Director for Karolinska Institute's undergraduate Podiatry Program. Since 2013 he is professor in Biomechanics at the Swedish School of Sport and Health Sciences (GIH), where his present position combines biomechanical research with research supervision, teaching and administration. He is the Dean of Research and Doctoral Education at GIH.

Toni has published over 60 articles in international peer reviewed journals, primarily covering Achilles tendon biomechanics and foot kinematics. He is at present main supervisor for five PhD students within various research areas of musculoskeletal biomechanics, in particular functional biomechanics of the Achilles tendon and high performance cycling biomechanics. He is President-Elect of the International Society of Biomechanics (ISB) and has chaired the ISB Technical Group of Footwear Biomechanics.

Toni lives in Stockholm with his wife and three children and has outdoor sports, in particular alpine skiing and road cycling, as major interests.

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