



2012 i-FAB CONGRESS

THIRD INTERNATIONAL FOOT AND ANKLE
BIOMECHANICS CONGRESS
11 TO 13 APRIL 2012

Join the leaders in foot and ankle biomechanics for the 2012 international congress hosted by the University of Sydney's Faculty of Health Sciences in collaboration with the International Foot and Ankle Biomechanics Community (i-FAB).

An outstanding program will cover both basic and clinical aspects of foot and ankle biomechanics together with a social program that highlights one of the world's most exciting cities.

Registration rates:

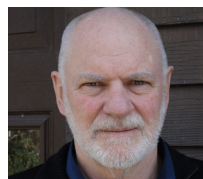
Full - AUD 695
Student - AUD 395
Day rate - AUD 350
Closes 31 March 2012

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Conference Leads:

Assoc Prof Joshua Burns
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Dr. Claire Hiller
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PROFESSOR JOSEPH HAMILL, PhD

Rearfoot and forefoot footfall patterns: Implications for barefoot running

Dr. Hamill is a Professor in the Department of Kinesiology at the University of Massachusetts and has been the Director of the Biomechanics Laboratory for the past 25 years. Dr. Hamill previously served as Chair of the department for 11 years and as Associate Dean of the School of Public Health and Health Sciences for 3 years. He has authored or co-authored over 120 research papers, over 160 research proceedings, several book chapters and three books. He has also presented over 170 papers at local, national and international conferences. During his academic career, Dr. Hamill has served on the Executive Boards of the International Society of Biomechanics, the Footwear Biomechanics Group, the International Society of Biomechanics in Sports, the New England Chapter of the American College of Sports Medicine and the Canadian Society of Biomechanics. His research interests are focused on lower extremity biomechanics during normal and pathological locomotion.



PROFESSOR PETER R. CAVANAGH, PhD

Alex Stacoff Memorial Lecture

Dr. Cavanagh's research interests include the foot complications of diabetes, lower extremity biomechanics, athletic footwear, bone loss during long duration spaceflight, and musculoskeletal health in women on earth. He is the principal investigator of an experiment that was completed on-board the International Space Station and his books include the 4th edition of *The Foot in Diabetes* published by John Wiley and Sons and *Bone Loss During Spaceflight* published by the Cleveland Clinic Press. He has authored, coauthored, or edited over 400 papers, abstracts, chapters, and books and has mentored more than 70 graduate students and postdoctoral fellows. His research is supported by NIH, NASA, and the National Space Biomedical Research Institute. Cavanagh is past President of both the American Society of Biomechanics and the International Society of Biomechanics and a past Chair of the American Diabetes Association's Council on Foot Care.

FOR MORE INFORMATION: sydney.edu.au/health_sciences/ifab2012



DR. CHARLES SALTZMAN, MD

Distracting the Arthritic Ankle: Does it really Work? If so, How?

Dr Saltzman is Professor and Chair of Orthopaedic Surgery at the University of Utah, where he holds the LS Peery Presidential Endowed Chair and an adjunct Professorship in the Department of Bioengineering. Dr Saltzman attended college in his home town, Providence, at Brown University and then matriculated to University of North Carolina in Chapel Hill for his undergraduate medical education. After receiving his MD degree with distinction, he served his internship and residency training at the University of Michigan. Dr Saltzman then joined the faculty of Orthopaedic Surgery at the University of Iowa where he worked his way up through the ranks to become a tenured full professor of three departments: Orthopaedic Surgery, Bioengineering and Physical Therapy and Rehabilitation Science. He has authored over 140 peer reviewed publications, 30 book chapters, and has co-edited three major textbooks, including the leading text in the field, Surgery of the Foot and Ankle. In addition to serving as chairman of the department he currently serves as Treasurer of the Association of Bone and Joint Surgeons and is past President of the American Orthopaedic Foot & Ankle Society.



ASSOCIATE PROFESSOR TONI ARNDT, PhD

Kinematics of the intrinsic bones of the foot

Dr Toni Arndt's academic life started with a BSc majoring in zoology at the University of Auckland in New Zealand. Eventually, Dr Arndt 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 invasive, in vivo measuring techniques. Toni followed his wife to Sweden and has been at the Karolinska Institute since 1998. Dr Arndt has published extensively in international peer reviewed journals, primarily covering Achilles tendon biomechanics and foot kinematics. He is a member of the executive committees of the International Society of Biomechanics (ISB) and its subgroup on Footwear Biomechanics. Toni is at present Secretary General of ISB.



PROFESSOR HYLTON MENZ, PhD

Biomechanics of the ageing foot and ankle

Professor Hylton Menz is a podiatrist who graduated with first class Honours and the University Medal from La Trobe University in 1993, and completed his PhD focusing on gait patterns, balance and falls at the University of NSW in 2002. He is currently a National Health and Medical Research Council of Australia Fellow, and Director of the Musculoskeletal Research Centre at La Trobe University. Professor Menz's broad research disciplines are human movement, rehabilitation and rheumatology, with a particular focus on musculoskeletal foot problems in older people. Professor Menz has published over 130 papers in podiatry, gerontology, rheumatology and biomechanics journals, and he is Editor-in-Chief of the Journal of Foot and Ankle Research.



DR. DANIEL FONG, PhD

An intelligent sport shoe to prevent ankle inversion sprain injury

Daniel Fong is currently a Research Assistant Professor and the Director of Sport Performance and Biomechanics Laboratory at the Department of Orthopaedics and Traumatology, Faculty of Medicine, The Chinese University of Hong Kong. His major research achievement is the invention of an intelligent sprain-free sport shoe in 2004, and he worked out the laboratory prototype in 2009 and the first wireless prototype in 2011. He has published extensively in international peer-reviewed journals, and has delivered over 120 presentations in local and international seminars and conferences.

CPD: 24 hours of continuing professional development credit points are available.



FOR MORE INFORMATION CONTACT

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