

Dr. Amit Gefen

Professor of Biomedical Engineering, Tel Aviv University

Amit Gefen has Ph.D. in Biomedical Engineering from Tel Aviv University. He is currently a Full Professor with the Department of Biomedical Engineering at the Faculty of Engineering of Tel Aviv University and the Herbert J. Berman Chair in Vascular Bioengineering. His research interests include studying normal and pathological effects of biomechanical factors on the structure and function of cells, tissues and organs, with emphasis on applications in chronic wound research. In 2007-2008 he was a visiting scientist at Eindhoven University of Technology in the Netherlands, where he developed tissue-engineered model systems to study pressure ulcers. To date, Prof. Gefen published more than 200 articles in peer-reviewed international journals, many of which on mechanobiology, cell and tissue biomechanics, with applications that are mostly in chronic wound prevention. He was awarded the best paper awards by journals such as *Medical & Biological Engineering & Computing* and *Medical Engineering & Physics*. He is the Editor-in-Chief of *Clinical Biomechanics* (published by Elsevier) and has also edited several books. He has served as an Associate Editor or at Editorial Boards of several international journals which are ranked at the top of his field, e.g. *PLoS One*, the *Annals of Biomedical Engineering*, the *Journal of Biomechanics*, *Medical Engineering & Physics*, *Computer Methods in Biomechanics and Biomedical Engineering*, *Journal of the Mechanical Behavior of Biomedical Materials*, the *Journal of Tissue Viability*, *Ostomy Wound Management* and the *Journal of Wound Care*, to mention a few. In 2015, he was awarded the Editorial Excellence Award by the *Annals of Biomedical Engineering* and the Biomedical Engineering Society in the USA. Prof. Gefen has been the President of the European Pressure Ulcer Society (the European Pressure Ulcer Advisory Panel, EPUAP, www.epuap.org) in 2013-2015. He is a member of the World Council of Biomechanics and a Fellow of the International Academy of Medical and Biological Engineering and the European Alliance for Medical and Biological Engineering. Prof. Gefen was awarded the Pressure Care career award by the World Union of Wound Healing Societies in 2016 and the Experienced Investigator Award of EPUAP in 2017. His research is funded for example by the Israel Science Foundation, Israeli Ministry of Health, Ministry of Science, Ministry of Defense and national as well as international corporates. Prof. Gefen is advising and reviewing for funding bodies worldwide including the European Commission. He also serves as a scientific advisor to the global medical device industry.

Kaylem Boileau:

Kaylem Boileau is the Corporate Wound Care Lead, and Registered Dietitian at the Salvation Army Toronto Grace Health Centre. At Toronto Grace, she supports inter-professional wound prevention and care across the organization, and delivers staff education on pressure injury prevention, and wound assessment, management. She has also led the implementation of the RAO Best Practice Guidelines for the Assessment and Management of Pressure Injuries for the Interprofessional Team at Toronto Grace.