

George Fox University School of Physical Therapy Presents  
**Experience and Evidence – Evolution of a Custom  
Fiber Device to Restore Limb Function**

***By Jason Wilken, PT, PhD***

April 11, 2017

CANYON COMMONS - ROOM 103 – 6:30-8:30PM

No RSVP Necessary

*(CEU'S WILL BE OFFERED)*



Individuals who experience catastrophic limb injuries often face a life of reduced function and pain due to the limitations of commonly available devices. Improvements in rehabilitative techniques and custom carbon fiber ankle foot orthoses over the last 10 years now enable the return to high level athletic activities, and even a full return to active duty. The presentation will provide a succinct overview of the problem, present key aspects of device design, evidence to support their use and considerations for training individuals seeking to return to high level function.



Jason Wilken, PT, PhD, is an Associate Professor in the Department of Physical Therapy and Rehabilitation Sciences at the University of Iowa. Prior to the University of Iowa, he was the founding Director of the Military Performance Laboratory at the Center for the Intrepid, Brooke Army Medical Center, JBSA Fort Sam Houston, Texas, Senior Scientist for the Extremity Trauma and Amputation Center of Excellence and adjunct faculty for the US Army-Baylor University Doctoral Program in Physical Therapy. While at Brooke Army Medical Center, he developed a well-funded and patient centric research program focused on maximizing physical function in individuals who have been injured during military service. His efforts and publications focus primarily on

the development and evaluation of advanced prosthetic and orthotic technologies, virtual reality based interventions, clinically relevant outcomes assessments, and development of novel approaches to enhance walking stability.

