

*Invited Presentation****BIOMEDICAL ENGINEERING SEMINAR***

11:00 a.m.-12:00 noon, Friday, January 16, 2009
Mann Hall, Medical Sciences Building

**Title: Roll-Over Shapes of Lower Limb Systems and
Their Clinical Implications for Prosthetics and Orthotics**

**Presenter: Andrew H. Hansen, Ph.D
Research Assistant Professor,
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Abstract: The roll-over shape, which is the effective rocker shape the lower limb system conforms to during the stance phase of walking, will be introduced. The roll-over shape has been studied in able-bodied humans under a variety of walking conditions. It has also been examined in lower limb prosthesis and orthosis users. Results of these studies and their implications for design, evaluation, and alignment of ankle-foot prostheses and orthoses will be presented and discussed.

Host: Ken Kaufman, Ph.D.

◆ See BME web page for list of speakers:

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