

<b>Name of Speaker(s):</b> Jill Kolczynski, MSRE, ATP
<b>Date of Presentation:</b> June 21, 2012
<b>Session Title:</b> Using IR (Infrared) Transmission to Control Devices in the Environment
<b>Abstract/Description of Session:</b> The ability to independently control devices within an individual's environment can have significant impact on both their physical and emotional well-being. Over the last few years, the options available to allow for infrared control of consumer electronics through the power wheelchair drive control has grown and been made much simpler to set-up and operate. This presentation will cover the options currently available on the market, components needed to interface them to the wheelchair, and programming options available.
<b>Learning Objectives:</b> <ol style="list-style-type: none"><li>1. The participant will be able to list the required components to provide IR transmission for each of the 3 rehab power wheelchair electronics systems presented</li><li>2. The participant will be familiar with the programming options available to provide IR transmission through the power wheelchair</li><li>3. The participant will be able to describe functional benefits of using IR transmission through the power wheelchair</li></ol>
<b>Speaker Qualifications (brief bio):</b> Jill is a seating and mobility specialist with United Seating and Mobility in Minneapolis, Minnesota. She has a Master's degree in Rehab Engineering, holds the RESNA ATP certification, and has over 12 years of experience in complex rehab technology for power wheelchairs. In addition to her work evaluating and fitting individuals for this type of equipment, she has spent much of the last 8 years as the Quantum Product Manager in research and development for Pride Mobility. During that time, she worked to further develop Quantum electronics and power positioning and was a frequent domestic and international speaker / educator.