Sensory processing disorder is a condition in which the brain has trouble receiving and responding to information that comes through the senses. It may affect one sense such as hearing or touch or it may affect multiple senses. Children can be over or under responsive to sensory input. Children with sensory processing disorder do not all manifest it in the same way or in the same sensory systems. When symptoms becomes severe enough to affect normal function and disrupt everyday life, Occupational Therapists and Physical Therapists address the difficulties through targeted intervention. Therapists need the tools to assess the disorder in children. The Sensory Processing Measure (SPM) is a norm-referenced tool that provides a complete picture of children's sensory processing difficulties at school and at home. Dr. Parham, an author of the SPM, will review the research conducted in developing the Sensory Processing Measures. She will discuss how to use the tool and introduce case studies regarding sensory processing disorder.