

KEYNOTE: THURSDAY, JUNE 20, 2013

Senses and Sensibilities: An Inside View on Sensory Issues

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Tracks: Educators/Clinicians, Family

ABSTRACT:

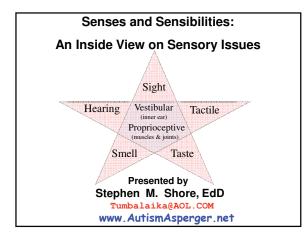
The variation in perception of sensory stimuli for many with autism often causes great discomfort and the information received may be not even be usable. The aim of this presentation is to enable susceptible individuals and those close to them to avoid and minimize the effect of sensory overload through easy to implement solutions, thereby enabling those with sensory issues to lead fulfilling and productive lives.

OBJECTIVES:

- Participants will be able to experience what sensory overload may feel like for an individual on the autism spectrum.
- 2. Participants will be able to list at least three situations that might indicate that a sensory issue is present.
- 3. Participants will be able to learn how to develop and implement accommodations for sensory issues.
- Participants will be able to become familiar with instruments for assessing for sensory issues.

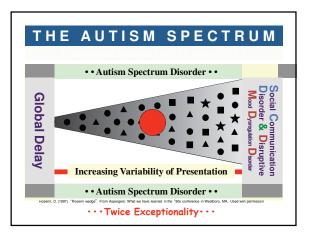
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was diagnosed with atypical development and strong autistic tendencies and considered too sick for outpatient treatment. Stephen was recommended for institutionalization. Nonverbal until four, and with much support from his parents, teachers, wife, and others, Stephen is now a professor at Adelphi University where his research focuses on matching best practice to the needs of people with autism. In addition to working with children and talking about life on the autism spectrum, he presents and consults internationally on adult issues pertinent to education, relationships, employment, advocacy, and disclosure as discussed in his books Beyond the Wall: Personal Experiences with Autism and Asperger's Syndrome, Ask and Tell: Self-Advocacy and Disclosure for People on the Autism Spectrum and the critically acclaimed Understanding Autism for Dummies. President emeritus of the Asperger's Association of New England and former board member of the Autism Society, Stephen serves in the Interagency Autism Coordinating Committee, Asperger's Syndrome and High Functioning Autism Association, United States Autism and Asperger Alliance and other autism-related organizations.

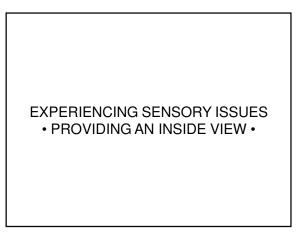








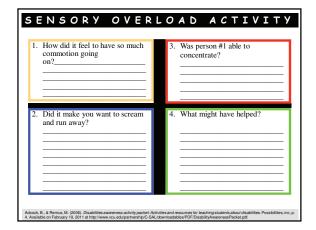


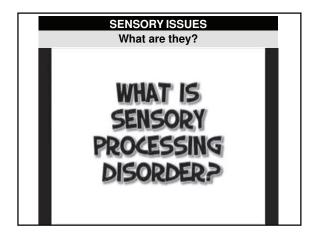


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ORY OVERLOAD ACTIVITY				
of 5, each person plays a specific role. Start when given the signal.				
You play the role of a person with autism. Your job is to listen to what Person #5 is reading to you so you can take a test on the material. Try to ignore everyone else.				
Stand behind the student playing the part of someone with autism. Rub the edge of an index card (or piece of cardboard) against the back of their neck. You do not need to rub hard, but keep doing it over and over.				
Grab a book (any book will do), lean close to Person #1 and read in a loud voice the entire time.				
Pat Person #1 on the head and shoulder the entire time.				
Using a normal voice, read a paragraph to Person #1 then ask him or her questions about what you read. Do NOT try to drown out the other noises.				
e group members take a turn being Person #1. it feel to have so much commotion going on? ke you want to scream and run away? son #1 able to concentrate on the paragraph being read? ght have helped?				







SENSORY PROCESSING

Making the World a More Sensorially Friendly Place

"**Sensory integration** is the neurological process of organizing the information we get from our bodies and from the world around us for use in daily life" (Kranowitz, 1998, p. 42).

According to Dr. Ayres, "Over 80% of the nervous system is involved in processing or organizing sensory input, and thus the brain is primarily a *sensory processing machine*" (Kranowitz, 1998, p. 42). The brain modulates this input which in turn guides our activity level. Activity may be mental, physical or emotional.

SENSORY PROCESSING

Making the World a More Sensorially Friendly Place

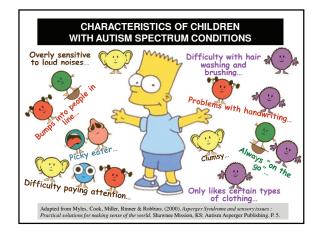
"Sensory integration dysfunction is the inability to process information received through the senses" (Kranowitz, 1998, p. 8).

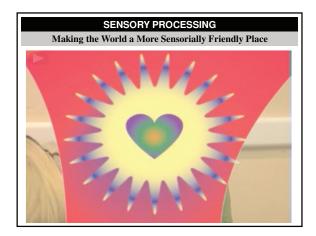
... inefficient neurological processing. "The brain cannot analyze, organize, and connect -- or integrate -- sensory messages" (Kranowitz, 1998, p. 8).

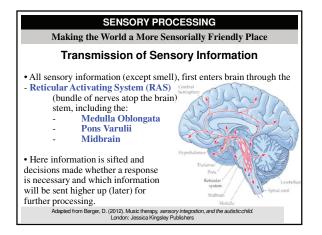
Not brain damage but rather "indigestion" or a "traffic jam" of the brain (Kranowitz, 1998, p. 50).

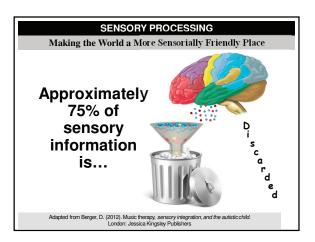
Child may be hyper, hypo, or alternate between the sensitivities at any given time.

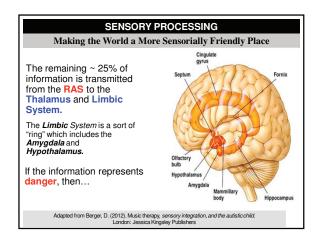


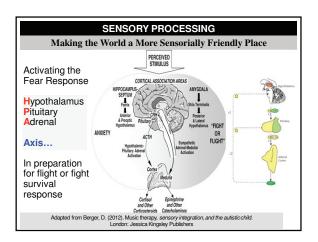


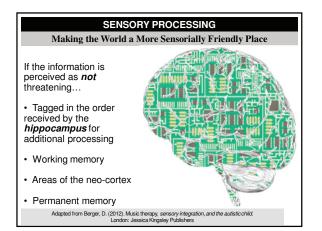


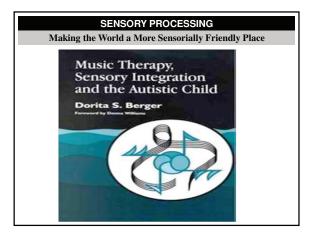


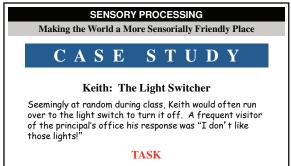






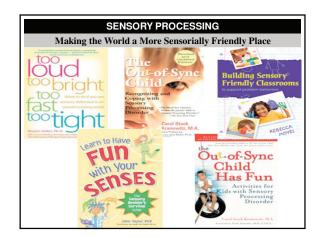




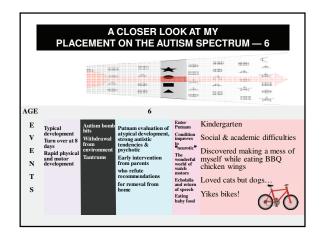


You, as a member of Keith's team, please...

- 1. Arrive at a possible explanation of this behavior, and,
- 2. what might be done about it?



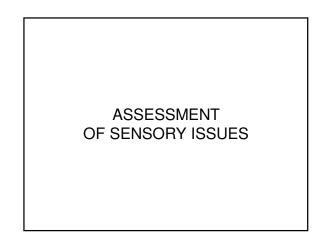


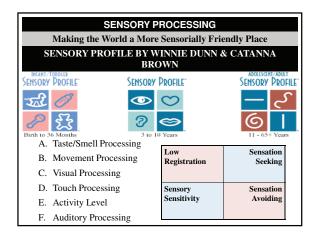


Senses and Sensibilities: An Inside View on Sensory Issues

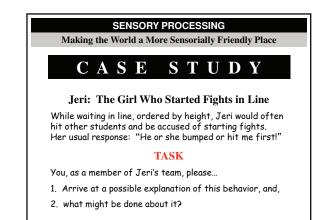
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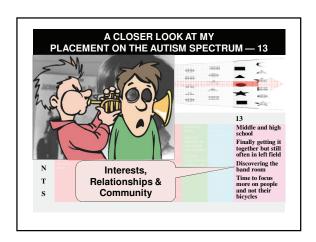
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SENSORY PROCESSING						
Making the World a More	Sensorially Friendly Place					
SENSORY PROFILE BY WINN						
Low Registration	Sensation Seeking					
 High thresholds + passive self-regulation 	 High thresholds + active regulation 					
 Don't notice what is going on around them, because brain isn't activating enough 	 Seekers add movement, touch, sounds, and visual stimuli to every life event to increase 					
 May be withdrawn or difficult to engage 	sensory input					
 Need extra sensory input to be able to participate in school activities 	 May lack caution in play, display excitability, and engage in impulsive behavior 					
Sensory Sensitivity	Sensation Avoiding					
 Low thresholds + passive self-regulation 	· Low thresholds + active self-regulation					
 Tend to be more hyperactive, distracted, and easily upset 	 Children actively work to reduce input in order to avoid discomfort 					
 Have difficulty completing tasks as new stimuli keep capturing their attention 	 Resistant and unwilling to participate in activities, especially new ones 					
 Frequent disruptions in routine make it difficult to learn 						









SENSORY ISSUES

SENSORY ISSUES & RELATIONSHIPS

- Dating?
 - Hygiene?
 - Intimate Relationships?

Making the World a More Sensorially Friendly Place Matching Needs to Possible Employment Positions					
Deficit in verbal and nonverbal communication	Few communication requirements	Stock shelves			
Challenges in socialization	Limited contact with public, more solitary job duties	Filing, sorting, stapling paper shredding, after-hours cleaning			
Unusual response to sensory stimulation	Provider of preferred sensory input, ability to avoid noxious sensory stimulation	Hanging clothes, washing cars (for those enjoying that type of tactile input)			
Difficulty with change and transition	Few changes, stable work environment, little staff turnover, same work task all day	Small business, family business, assembly line			

Making the World a More Sensorially Friendly Place Matching Needs to Possible Employment Positions					
Personal Characteristics	Preferred Job Attributes	Possible Positions			
Strong visual-motor skills	Requires good visual-motor skills	Small-parts assembly, manufacturing, printing			
Behavior challenges	Few antecedents to challenging behaviors, with situations where possible problems don't endanger others	Situations where behavior doesn't cause dangerous situations; avoid factories or jobs using heavy machinery			
Savant skills	Responsibilities capitalizing on these strengths	Matching stock numbers to packing lists, mathematically oriented positions for those with good math skills			

SENSORY ISSUES & EMPLOYMENT



