

UC SANTA BARBARA

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Thinking Outside the Box

When Lynn Koegel was asked to help a 3-year-old with autism, she didn't hesitate, even though millions of people would watch her work on the television show "America's Supernanny." Koegel is the clinical director of UC Santa Barbara's [Koegel Autism Center](#), where she and her husband, Robert Koegel, developed pivotal response treatment (PRT), one of only a handful of autism therapies supported by recognized empirical evidence.

At the 7th International Pivotal Response Treatment Conference for Autism Spectrum Disorder (ASD), held Sept. 18 and 19 at UCSB's Corwin Pavilion, more than 250 attendees learned the basics of PRT and earned continuing education credits. Scholars, educators, health care professionals and parents heard presentations or attended workshops on cutting-edge interventions and treatments strategies for autism and Asperger's syndrome.

The conference opened with keynote speakers Robert Koegel, director of the Koegel Autism Center, and Ty Vernon, director of the center's assessment clinic. Both provided an overview of PRT, a protocol based on principles of positive motivation. PRT research has shown that increasing children's participation in activities they enjoy can actually lessen the severity of ASD symptoms and open the door to more positive social interaction.

Communication is key and language acquisition plays an important role in PRT. For example, on "Supernanny" Lynn Koegel used some of the child's favorite activities — swinging and being tickled — to teach him to verbalize. Millions of viewers heard

Tristin speak his first word, “tickle.” Koegel spent a week working with him, and by the end of that time Tristin’s vocabulary had already expanded to 20 words.

At the conference, Lynn Koegel’s presentation went beyond the importance of language acquisition and being able to make simple requests. She emphasized the importance of teaching people with ASD how to initiate communication, pointing to studies that indicate those who are able to do so experience better outcomes. “I always teach initiation; it really makes a difference,” she told the audience. “Initiations are important no matter where on the spectrum.”

Additional presentations covered specific aspects of PRT, such as how to teach independent skill monitoring (self-management) and how to increase food flexibility in ASD children.

“We use PRT quite a bit,” said Kyle Gravel, a clinical manager in Orange County for Behavioral Support Partnership, an organization that provides support to children with developmental disabilities and their families. “The self-management information is going to be really useful, especially as some of our clients are getting older and reaching a level where self-management will be helpful as a next step. We also have many clients with food selectivity issues so information from that presentation will also be very useful.”

The conference also incorporated a variety of workshops and breakout sessions. In “What Helps? Evidence Based Practices for Parents of Children with Autism or Intellectual Disabilities,” for example, George Singer, a professor in UCSB’s Gevirtz Graduate School of Education, reviewed evidence-based practices for teaching first words and multiple words to children with ASD.

Alvdis Roulund and her colleague Marcus Hansen traveled from Norway to attend the conference and, more specifically, Singer’s workshop. “We also went to another workshop for people working on Level 5 PRT certification, which was really useful, too,” said Roulund, an applied behavior analysis consultant for an Oslo-area center for autism. At a poster session capping the conference’s first day, Roulund and several colleagues presented information about PRT implementation in Norway.

The Koegels recently returned from China where they are implementing a nationwide PRT certification program modeled on others they have set up in the Netherlands and in Italy. “In order to get the treatment to millions of people, you have to develop a technology to train millions of people,” Robert Koegel said. “So

that's been our biggest discovery in the last year.”

The conference continues Friday afternoon with additional presentations and workshops, including one at 3 p.m. during which Grace Gengoux, clinical assistant professor at Stanford University's Autism and Developmental Disabilities Research Program, will focus on using group parent PRT education to address language and social skills. At 4 p.m., alumnus Paul Griffin, IV, an adult with ASD, will share his personal experiences, struggles and successes transitioning from college to the workforce.

Additional information, including a complete schedule of remaining presentations is available at <http://www.education.ucsb.edu/autism>.

About UC Santa Barbara

The University of California, Santa Barbara is a leading research institution that also provides a comprehensive liberal arts learning experience. Our academic community of faculty, students, and staff is characterized by a culture of interdisciplinary collaboration that is responsive to the needs of our multicultural and global society. All of this takes place within a living and learning environment like no other, as we draw inspiration from the beauty and resources of our extraordinary location at the edge of the Pacific Ocean.