

## POSTER 58

**THE EFFECTS OF THE INTERACTION OF ANIMALS WITH CHILDREN  
DIAGNOSED WITH AUTISM SPECTRUM DISORDER AND THEIR FAMILIES**

K. M. Carlisle, RN, BSN, MEd (Doctoral Student)

Charlotte A. McKenney, RN, BSN

Jessa R. Love, PhD

(Rebecca A. Johnson, PhD, RN, FAAN)

MU Sinclair School of Nursing

College of Veterinary Medicine

**Background:** The CDC estimates that one in 110 children receive a diagnosis of Autism Spectrum Disorder (ASD) annually. Pet dogs have been found to be a social catalyst and service dogs have demonstrated measurable benefits for children with ASD. Given that 39% of American households have a dog, this survey investigates the perceived benefits and barriers of having a dog in a family with a child with ASD.

**Methods:** A survey of parents with a child (N=22) diagnosed with ASD and health care providers (HCP's) (N=40) was completed at an Autism Conference.

**Results:** Sixty eight to 95% of the parents agreed that having a dog in the family of a child with ASD would be a benefit. Sixty to 83% of the HCP's agreed that having a dog would be a benefit. Fifty to 95% of the parents perceived that having a dog would be a barrier. Forty three to 93% of the HCP's perceived having a dog would be a barrier. For children with ASD who were less than eight years old, parents strongly disagreed that the dog would interfere with social interactions, be a burden, not be helpful with therapy, would put the child in danger or that the dog itself would be in danger.

**Conclusion:** Participants surveyed consistently reported both actual and perceived benefits to having a dog in a family with a child with ASD while disagreeing that these dogs would be a problem for the child or the family.