

# FY24 Behavioral Health Grand Rounds

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## Parent Child Interaction Therapy Augmented With Artificial Intelligence – an important way for AI to make behavioral therapy better

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**Wednesday, December 6, 2023**  
**@ 11:00am – 12:00pm**

**Virtual (Zoom)**

<https://childrensnational.zoom.us/j/96102569437>

Passcode: 3932

### Abstract:

It is estimated that nearly 25% of preschool-aged children struggle with psychosocial stress and social-emotional issues. Between 15 and 34% of same aged children are reported to have significant early externalizing behavior problems (EBP). Early intervention programs that are evidence-based and easy to implement are crucial in helping young children with EBP. Wearable technologies such as Garmin smartwatches allow for objectively measuring activities that extend beyond observations reported in the clinical settings. Despite the clinical need, wearable technologies have not been widely studied nor implemented in for the treatment of young children with EBP.

This presentation is going to discuss an innovative study that aims to improve treatment of young children with behavioral difficulties. It will explain why AI technology can augment administration of behavioral therapy.

### Learning Objectives:

At the end of this presentation, the learner will be able to:

1. Describe a minimum of 3 different skills to effectively work with young children with behavioral difficulties.
2. Explain why AI technology can augment administration of behavioral therapy.
3. Discuss an innovative study that aims to improve treatment of young children with behavioral difficulties.

### Audience:

Psychiatrists, Psychologists, Neuropsychologists, Child and Adolescent Psychiatry fellows, Psychology Doctoral Interns

**Accreditation Information:** This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of INOVA and Children's National Medical Center. The INOVA Office of Continuing Medical Education is accredited by the MSV to provide continuing medical education for physicians. Children's National Medical Center is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

**Psychology Registration and CE credit:** All confirmed participants will earn one (1) CE credits (Instructional Level, Intermediate Learning) upon successful completion of the seminar and evaluation. Any questions, please email [PsychologyCE@childrensnational.org](mailto:PsychologyCE@childrensnational.org).

**Credit Designation:** Children's National Hospital is approved by the American Psychological Association to sponsor continuing education for psychologists. Children's National Hospital maintains responsibility for this program and its content.



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