

# GENERATIVE AI IN SLP: PRACTICAL TOOLS AND ETHICAL INSIGHTS

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EMILY IS AN EMPLOYEE OF WIDENER UNIVERSITY AND STEPPING STONES GROUP.

BETH GORMAN HAS NO RELEVANT RELATIONSHIPS TO DISCLOSE.

### Learning Objectives:

- Identify key applications of artificial intelligence in both SLP education and clinical therapy settings.
- Demonstrate how AI tools can be used to create curriculum-aligned therapy materials that support academic success.
- Evaluate ethical considerations and best practices for integrating AI into speech-language pathology.



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This session examines the transformative role of generative artificial intelligence (AI) in speech-language pathology, focusing on therapy planning, clinical delivery, and education. The presentation begins with a brief overview of AI and explores the emerging research on its use in SLP. We will explore and practice practical applications for clinicians and educators. Finally, we will discuss ethical considerations surrounding the use of AI in SLP. The session will explore the use of AI for streamlining documentation, enhancing therapy planning, and creating personalized, curriculum-aligned materials. Attendees will see how AI can simulate clinical scenarios, generate engaging therapy resources, support social communication interventions, and align therapy with academic content to promote literacy and classroom success. The session will also provide strategies for crafting effective prompts to optimize AI-generated output, ensuring relevance and clinical utility. Ethical considerations—such as privacy, accuracy, and responsible use—will be addressed throughout, equipping participants to integrate AI mindfully into evidence-based practice. Clinicians, educators, and students will leave with actionable tools and insights to leverage AI in school-based and outpatient settings.

**Speaker's Bio:** Emily is a clinical associate professor at the Institute for Speech-Language Pathology at Widener University. She earned her MS in CSD with a bilingual extension from Teachers College, Columbia University. Her main areas of focus include language development in culturally and linguistically diverse children, and best practices in clinical education.

Mary Beth is a graduate student in the SLP program at Widener University. She earned her B.A. in CSD from West Chester University and TESL certificate from Drexel University. She utilizes AI to create personalized therapy materials to enhance engagement for her SLP clients at Widener's Chester Community SLP Clinic.