

# **Treating Speech Sound Disorders at Multiple Levels of Representation: The Dynamic Interplay of Phonetics and Phonology**

*Susan Rvachew, PhD*

Phonological development at multiple levels of representation will be described from a dynamic systems perspective. Procedures for the assessment and treatment of speech sound disorders at the levels of perceptual, articulatory and phonological knowledge will be demonstrated and the research evidence for each of these procedures will be evaluated.

## **Learning Outcomes:**

Upon completion of this course, participants will be able to:

- Explain why it is important to address multiple levels of representation when designing an effective speech therapy intervention.
- Select appropriate intervention goals based on developmental and linguistic criteria.
- Implement effective intervention procedures for the improvement of children's speech perception, phonological awareness, and speech production abilities.

**Susan Rvachew, PhD, S-LP(C)**, is an Associate Professor at the School of Communication Sciences at McGill University. Her research interests focus on the inter-relationships among speech perception, speech production and phonological development in typical and atypical development and the promotion of evidence-based practices in the treatment of speech sound disorders.