

## Invited Plenary Presentations

### Rumelhart Prize Lecture:

Emergence of Semantic Structure from Experience

*James McClelland, Stanford University.*

*Thursday, August 12, 3:00 – 4:00 p.m.*

A Hierarchical Competing Systems Model of the Emergence and Early Development of Executive Function

*Philip Zelazo, University of Minnesota.*

*Thursday, August 12, 9:15 – 10:15 a.m.*

Accelerated Learning through Adaptive, Data-Driven Instructional Design

*Marsha Lovett, Carnegie-Mellon University.*

*Friday, August 13, 8:45 – 9:45 a.m.*

Bridge Over Troubled Water: From Cognitive Science to Designing Digital Instruction

*Peter Gerjets, University of Tübingen.*

*Saturday, August 14, 8:45 – 9:45 a.m.*