



*University of Memphis  
Partnership Center*

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Area of Expertise



Mission/Vision/Goals



Current Projects/Focus



Challenges



## Area of Expertise

- Adaptive Instructional Systems (AIS)
- Intelligent Tutoring Systems (ITS)
- Data science research
- Assessment
- Semantic representation & analysis
- Efficacy studies of learning systems

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- Mission:
  - R&D in Science of Learning (SL)
- Vision:
  - RDSL can improve learning
- Goal:
  - To provide solutions that work

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- AIS implementation: PAL3, ET
- Data sciences: Learner Data Institute
- Assessment: OECD, PISA
- Semantic processing portal

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## Challenges

- Human resources
- Test populations
- Science convergence
- Data convergence
- Efficient use of AISs

