



# Inviting Research Ideas & Collaborations

Lisa Scott Holt, Ph.D.  
Research Scientist  
Soar Technology, Inc.



# Graduate career (1992-2001)

## University of Pittsburgh

 Ph.D. Cognitive Studies in Education

 Thesis: Interactive physics tutor

## Carnegie Mellon University

 Tutoring strategies & Instructional design (physics course & tutor development w/Reif)

 Cognitive Psychology (Simon, Larkin)


 School of Design (interface design)



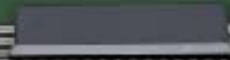
# Post Doctoral Fellowship (2002-2005)

 Center for Highly Interactive Computing  
in Education, School of Education,  
University of Michigan

 Science curricula, Backward design,  
Professional development

 American Association for the  
Advancement of Science




 Assessment item analysis & development







# Soar Technology (May 2005 - present)

-  Self-explanation strategies in battlefield visualization training
-  Evaluation for interactive storytelling architecture for training (ISAT)
-  Instructional design guiding director actions in ISAT



# Areas of interest

 Instructional strategies

 Engaging learners in productive actions

 Backward design

 Instructional design starting with operationalized learning goals

 Scaffolding & fading strategies

 Adapting to individual learner needs





Let's collaborate!

 Lisa Scott Holt

 [lholt@soartech.com](mailto:lholt@soartech.com)

 734-327-8000 x349