

The revolution is here

Seminar: Tools for Language Discovery

Help people learn

Reading

Speech

Second Language

Teaching reading, second languages, and speech is undergoing a revolution with insightful new tools provided by university and educational research. This seminar will introduce new science-based tools for representing language in ways that greatly help learners. We will review issues concerning design, application, and evidence-based evaluation.

The new tools indicate that the “computer revolution” is finally reaching maturity, bearing significant educational fruit. Computers can be both useful and personal, and personally engaging. This can revolutionize language learning and help bring the world together.

New Tools include:

The Dynamic Alphabet — Embodies the alphabetic principle for learners and teachers in a personal way, allowing students to interact with their own creations. (http to come; being developed here at USF!)

Animated Speech Software — A talking robot illustrates speech, teaches the hearing impaired, and interacts with autistic children. Used for speech pathology, reading, autism; evidence-supported. <http://animatedspeech.com/index.html>

Perception Attention Therapy — New methods for visual training of reading skill following from brain research, evidence-supported. <http://www.pathtoreading.com/>

Coursework

Participants will use these and other software programs, observe and participate in design processes, consider evaluation methods, make presentations, and reflect on their experiences through two short and one longer paper.

Course details: Psychology, EXP 7099 Grad / PSY 4913 Undergrad
Tuesdays 6 - 8 PM + application time
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