**Vision 3D: Digital Discovery for the Deaf**

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Principal Investigators:
Dr. Becky Sue Parton & Dr. Robert Hancock
Lead Methodologist - Dr. Jeff Oescher

**Summary:**
Grant funding supports development and research activities related to the Language Acquisition Manipulatives Blending Early-childhood Research and Technology (LAMBERT) project. This system connects the digital and physical world by providing a platform for young Deaf children to select tangible toys and receive computer-based multimedia instruction. By leveraging Radio Frequency Identification (RFID) technology, the child only needs to wave the object over a sensor to activate the presentation which focuses on acquisition of American Sign Language (ASL) and expansion of the objects variations. The grant will culminate with a 500 vocabulary kit that is feasibility tested in two schools for the Deaf.

**Prototype Images:**

Pilot Study Article:

**Partner Schools:**
Louisiana School for the Deaf
Jean Massieu Academy for the Deaf