



LiLaC: Library-Laboratory Collaboration for Research Data*

Project 1: Data Preservation, Archiving, and Delivery in Support of the Cornell Language Acquisition Laboratory (CLAL) and Virtual Center for Language Acquisition (VCLA)

GOAL: Data and materials collected through the Cornell Language Acquisition Lab (CLAL) and the Virtual Center for Language Acquisition (VCLA) should serve as a source of valuable insight for people in the academic community of scholars involved in many disciplines of cognitive science: developmental psychology, linguistics, neuroscience, education, medicine. Teachers and parents as well can benefit from these.

Specific Objective: Provide a means for researchers and others in related endeavors to discover the accumulated scientific materials for the study of language acquisition, primary data resources, and intellectual output of the Cornell Language Acquisition Laboratory (CLAL).

Approach:

- Evaluate the costs involved in and recommend best practices for **digitization** of the existing collection of audio and videotapes of child speech at continuous developmental periods in more than 20 languages.
- Provide a flexible and intuitive interface for exposing **metadata** about projects and materials in the Open Language Archives Community (**OLAC**).
- Provide interconnected metadata via a public Web **portal**.
- Deposit and preserve data sets in Cornell's digital repository, **DSpace**.

GOAL: Support the development of a Virtual Center for Language Acquisition (VCLA) by ensuring that scientific materials, metadata, and data gathered via the VCLA's software tools are maximally discoverable and reusable by VCLA participants as well as the greater research community. VCLA members will assist in development of community-wide best practices and metadata standards.

Approach:

- Create a research **portal**, with background information and research interests of VCLA participants and links to data available across institutions
- Extract metadata from the VCLA's Data Transcription and Analysis (**DTA**) tool and automatically make targeted projects visible in the Open Language Archives Community (OLAC).
- Maintain metadata and data about VCLA member projects in a flexible format to promote future reuse.
- Produce basic metadata packages to facilitate the deposition of VCLA member materials and data into institutional and inter-institutional repositories.

Preview the portal:

<http://cugir-tng.mannlib.cornell.edu:8080/vcla/>

Learn more about Open Language Archives Community

<http://www.language-archives.org/>

Learn more about the CLAL and VCLA:

<http://www.clal.cornell.edu/>
<http://www.clal.cornell.edu/vcla/>

Visit Cornell's DSpace:

<http://dspace.library.cornell.edu/handle/1813/2687>

Information we need from **you**:

- researchers' names and interests
- languages of study
- published projects about which more detailed information may be made readily available
- projects in progress about which only limited metadata should be available prior to official publication

Send questions and suggestions to:

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