Guide to the Karen Landahl Papers 1940-2004
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Descriptive Summary

Identifier: ICU.SPCL.LANDAHL

Title: Landahl, Karen. Papers

Date: 1940-2004

Size: 25 linear feet (50 boxes)

Repository: Special Collections Research Center
            University of Chicago Library
            1100 East 57th Street
            Chicago, Illinois 60637 U.S.A.

Abstract: Karen Landahl (1951-2003) was a linguist who taught at the University of Chicago, in the Department of Linguistics, from 1982 to 2003. She was also the Academic Director of the Language Labs and Archives and the Language Faculty Resource Center, and the Associate Dean for Computing and Language Technologies at the University. The materials in this collection include teaching materials for the courses she taught, a range of academic papers on various topics in the field of linguistics and speech pathology, and material related to her own research on early language development, craniofacial anomalies, and Japanese phonetics. This collection would be of interest to researchers interested in developments in the field of linguistics and communications disorders between 1980 and 2000.

Information on Use

Access:
The collection is open for research, with the exception of material in Series IX, Restricted. This series contains restricted personnel and financial information, grant proposals with social security numbers, evaluative student material, and medical information. Materials in Box 38 are restricted for 50 years from date of record creation. Materials in Box 39 are restricted for 80 years from date of record creation. Materials in Boxes 40-50 are restricted indefinitely.

Citation:
When quoting material from this collection, the preferred citation is: Landahl, Karen. Papers, [Box #, Folder #], Special Collections Research Center, University of Chicago Library.

Biographical Note:
Karen Landahl was born on December 20, 1951, to John and Betty Landahl of Tinley Park, Illinois. Her family moved to Flossmoor in 1960, where she attended Homewood-Flossmoor High School. Upon graduation she studied at St. Olaf College, spending her junior year in Oxford. She earned her B.A. in Linguistics in 1974. In 1976 she received an M.A. and in
1982 a Ph.D. from Brown University, both in Linguistics. Her dissertation was entitled "The Onset of Structured Discourse: A Developmental Study of the Acquisition of Language." She examined how five children learned to speak through interactions with parents and caretakers and presented a major challenge to the dominant theories of Noam Chomsky and Steven Pinker. According to her dissertation advisor, Philip Lieberman, Professor of Linguistics at Brown University, she was one of the first people to show that children have different styles of acquiring language.

While working on her dissertation she pursued a second major area of interest as a consultant and a collaborative researcher in Chicago at the Center for Craniofacial Anomalies at the University of Illinois Medical Center. Her work here focused on the effects of Crouzon and Apert syndromes on speech production.

Following a National Science Foundation Postdoctoral Fellowship in Speech Communications at MIT in 1981-2, she returned to Illinois and took a position as an assistant professor at the University of Chicago.

At the University of Chicago she worked on the connections between phonetics, computers, and language learning. In the 1990s, with her student Yukari Hirata, she researched the use of the Visipitch software program in language learning. With this program, students could watch how pitch rises and falls when a native speaks a language, and then learn to imitate it. Landahl had a wide variety of other linguistic interests, including the study of linguistic "others" such as feral children, sign-language using chimps and humans without tongues or with cleft palates, and the origins of human language.

She was diagnosed with cancer in 2000 and her illness rendered her unable to speak. As a result, she moved from classroom teaching to spearhead a program in educational technology as Associate Dean for Computing and Language Technologies. Here she used her knowledge of speech perception and production to become a leader in the use of computers in language teaching.

She died on February 2, 2003.

**Scope Note**

The collection is organized into nine series, and span the period 1940-2004. The bulk of the collection dates from 1970 to 1990.

Series I, Personal, contains a partial copy of Landahl's curriculum vitae and cartoon clippings.
Series II, Correspondence, contains a small collection of personal and professional correspondence. Materials are arranged alphabetically by correspondent.

Series III, Research, contains materials related to Landahl's research activities. This series is organized into five subseries:

Subseries I, Child Language Development, contains materials related to early language development and Landahl's doctoral dissertation project. This subseries contains transcripts of speech samples, as well as statistical analysis.

Subseries II, Craniofacial Anomalies, contains materials connected to Landahl's work at the Center for Craniofacial Anomalies at the University of Illinois Medical Center.

Subseries III, Japan Visipitch Research Project, contains materials relating to Landahl's study of the use of computers to teach Japanese phonemes and intonation. The bulk of this subseries is made up of tabulated data from research subjects.

Subseries IV, General, contains unlabeled and miscellaneous research materials and notes, as well as materials from several smaller projects on glossectomy, teaching Norwegian, and aprosodia.

Subseries V, Index Cards, contains several card files of index cards. These contain notes on dialectical variations, a phonology and phonetics glossary, as well as cue cards from research projects.

Series IV, Writing, contains photocopies and reprints of articles and chapters authored or co-authored by Landahl. Materials are arranged chronologically.

Series V, Writings by Others, contains photocopies and reprints of a range of academic papers on various topics in the field of linguistics and speech pathology. These include early language development, glossectomy, acoustic perception, and foreign language learning. Materials are arranged alphabetically by author.

Series VI, Professional Activities, contains materials related to Landahl's participation in workshops and conferences. Materials are arranged chronologically.

Series VII, Teaching, contains materials connected to Landahl's teaching career at the University of Chicago. The series contains syllabi, copies of reading materials, lab assignments and
instructions, and ungraded student work. Materials are arranged chronologically, with general files of photocopied readings gathered at the end of the series.

Series VIII, Oversize, contains two folders of enlarged research data.

Series IX, Restricted, contains restricted personnel and financial information, grant proposals with social security numbers, evaluative student material, and medical information. Materials in Box 38 are restricted for 50 years from date of record creation. Materials in Box 39 are restricted for 80 years from date of record creation. Materials in Boxes 40-50 are restricted indefinitely.

**Related Resources**
The following related resources are located in the Department of Special Collections:

http://www.lib.uchicago.edu/e/spcl/select.html

Language Laboratories and Archives. Records.

McQuown, Norman A., Papers

**Subject Headings**
- Landahl, Karen Louise, 1951-
- University of Chicago. Department of Linguistics
- Apert’s syndrome
- Crouzon’s disease
- Craniofacial dysostosis
- Language acquisition
- Language acquisition--Computer-assisted learning
- Language acquisition--Testing
- Linguistics

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Index Card File - Scripts and Books, undated
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Index Card File - Languages and Dialects, undated [1/2]
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Series IV: Writing

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Folder 1
Effect of Aberrant Supralaryngeal Vocal Tracts on Transfer Function – Landahl and Peterson-Falzone – Speech and Language: Advances in Basics Research and Practice, circa 1975

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On the Role of Invariant Acoustic Properties and Context Dependent Cues – Landahl and Blumstein – Brown University, circa 1975

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Abnormal Laryngeal Vocal Quality in Ectodermal Dysplasia – Archives of Otolaryngology, May, 1981

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Review: Speech and Language, Norman J. Lass – Contemporary Psychology, Vol 27.6, 1982

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The /b/-/w/ Contrast and Considerations of Syllable Duration – Landahl and Maxwell - Papers from the Nineteenth Regional Meeting, Chicago Linguistics Society, 1983

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The Stop-Glide Contrast and Considerations of Phonetic Context – Landahl and Maxwell
- MIT Speech Communications Working Papers, Vol III, undated

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"Syndromes" of Linguistic Development – Landahl, Farley, and Ziolkowski, undated

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Notebooks and miscellaneous notes, undated

Series V: Writing by Others

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Anderson, S., and R. Port – Evidence for Syllable Structure, Stress, and Juncture from

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Bates, E., and B. Macwhinney - Competition, Variance and Language Learning, undated

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Folder 12
Bever, T. – Normal Acquisition Processes Explain the Critical Period for Language
Learning, 1981

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Bever, T. – Psychologically Real Grammar Emerges Because of Its Role in Language
Acquisition, undated

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Billings, S., and K. Gruber - Systematicity and Speaker Variation in Acoustic Realization,
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Bless, H., and Faber – Videostroboscopic Evaluation of the Larynx - Ear, Nose and Throat
Journal, undated

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Society of America, October 1979

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Blumstein, S., and K.N. Stevens – Phonetic Features and Acoustic Invariance - Cognition,
1981

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Folder 18
Boysson-Bardies and Vihman – Adaptation to Language: Evidence from Babbling and First Words in Four Languages, 1991; and Boysson-Bardies, Sagart, and Durand - Discernible Differences in the Babbling of Infants According to Target Language, 1984

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Brentari – American Sign Language Phonology – undated

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Broad, D.J. – Toward Defining Acoustic Phonetic Equivalence - Phonetica, 1976

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Browman, C.P., and L. Goldstein – Articulatory Phonology, 1992

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Carden, G., and A. Levitt – Evidence for Phonetic Processing of Cues to Place of Articulation: Perceived Manner Affects Perceived Place - Perception and Psychophysics, 1981

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Cohn, A. – Quantitative Characterization of Degree of Coarticulation in CV Tokens, 1987

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Folder 5
Cole, R. – Listening for Mispronunciations: A measure of what we hear during speech – Perception and Psychophysics, 1973

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Folder 6
Copper and Eady - Metrical Phonology in Speech Production - Journal of Memory and Language, 1986

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Folder 7
Darden, B.J. – A Critical Look at Natural Phonology, and Explanation and Reality in Phonology, undated

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Delattre, P. – Some Factors of Vowel Duration and Their Cross-Linguistic Validity, 1962

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Duanmu, S. – Syllabic Weight and Syllabic Duration – Phonology, 1994

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Erbaugh, M. – Pre-Narrative Roots of Time Reference in Child Mandarin, July 1989

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Farley, A. – Acoustic Cues to Discourse Units: A Study of Paragraph Marking, undated

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Fowler, Best, and McRoberts – Young Infants’ Perception of Liquid Coarticulatory Influences on Following Stop Consonants – Perception and Psychophysics, 1990
Frege, Gottlob - On sense and Reference (1892) - The Logic of Grammar, 1975

Fujimara, O. – Methods and Goals of Speech Production Research – Language and Speech, 1990

Fujimara, O., and J. Lovins – Syllables as Concatenative Phonetic Units - Syllables and Segments, 1978


Georgian, Logemann, and Fisher – Compensatory Articulation Patterns of a Surgically Treated Oral Cancer Patient - Journal of Speech and Hearing Disorders, 1982

Gilbert, J. – Acoustical Features of Children's Vowel Sounds, undated

Goldstein, M. – Speech without a Tongue - The Journal of Speech Disorders, March 1940

Grice, H.P. – Logic and Conversation – The Logic of Grammar, 1975

Han and Weitzman - Acoustic Features of Korean /P, T, K/, /p, t, k/ and /ph, th, kh/l - Phonetica, 1970


Hirose, Lee, and Ushijima - Laryngeal Control in Korean Stop Production - Journal of Phonetics (fragment), 1974

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Institute for Academic Technology - "Technology in Higher Education" series - Multiple articles, 1989-1990

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Isshiki, N. and R. Ringel – Air Flow during the Production of Selected Consonants – Journal of Speech and Hearing Research, 1964

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Folder 1
Jakobson, Fant, Halle – Preliminaries to Speech Analysis: The Distinctive Features and their Correlates, 1967

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Johnson, K. – Multiple papers, 1998 and undated

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Karnell, Michael P. - Curriculum vitae and multiple articles, 1982-1983

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Kazazis, K. – Dismantling Greek Diglossia (fragment), undated

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Kewley-Port, D. - Time-Varying Features as Correlates of Place of Articulation in Stop Consonants – Journal of the Acoustic Society of America, January 1983

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Klein, Martin J. - The Physics of J. Willard Gibbs in His Time - Physics Today, 1990

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Lehiste, I., and D. Meltzer – Vowel and Speaker Identification in Natural and Synthetic Speech, 1971

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Local, J. – Syllabification and Rhythm in Non-Segmental Phonology, undated

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MacWhinney, B. – Hungarian Language Acquisition as an Exemplification of a General model of Grammatical Development, undated

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Maddieson, I. – Phonetic Cues to Syllabification, undated
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Malmberg, B. – The Phonetic Basis for Syllable Division, undated

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Makashay, M.J and K. Johnson – Surveying Auditory Space Using Vowel Formant Data, undated

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Mann, Virginia – Influence of Preceding Liquid on Stop Consonant Perception – Perception and Psychophysics, 1980

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Miller, James D. – Auditory Processing of the Acoustic Patterns of Speech –Arch Otolaryngol, 1984

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Miller and Eimas - Studies on the Categorization of Speech by Infants - Cognition, 1983

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Ohala, John J. – Multiple articles, 1974-1990

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Pike – Phonetic Symbolism, undated

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Rakerd, B. – Vowels in Consonantal Context are Perceived More Linguistically than are Isolated Vowels: Evidence from an Individual Differences Scaling Study – Perception & Psychophysics, 1984

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Subtelny and Worth - Intraoral Pressure and Rate of Flow during Speech - Journal of Hearing and Speech Research, 1966

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Terrace, Pettito, Sanders, and Bever – Can an Ape Create a Sentence? - Science, 1979
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Warren, Donald W. – Multiple articles, 1964, 1981, and undated

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Winters, S., and K. Johnson – An Exemplar-Based Model of Silent-Center Syllable Perception, undated

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Caroline Wiltshire - Phonetics Minor Exam Reading List, January 1991

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Convocation program, June 14, 1991

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Series IX: Restricted

This series contains restricted personnel and financial information, grant proposals with social security numbers, evaluative student material, and medical information. Materials in Box 38 are restricted for 50 years from date of record creation. Materials in Box 39 are restricted for 80 years from date of record creation. Materials in Boxes 40-50 are restricted indefinitely.

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- Speech Production Studies in Craniofacial Anomalies - Grant application, correspondence, notes, progress reports, and photocopied articles, 1983-1985

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- Replacement of acoustic spectrum analyzer - Grant application, Campus Research Board, 1984

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