

PHONETIC RESEARCH AT THE UNIVERSITY OF ILLINOIS

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Since a modest Phonetics Laboratory was installed in the fall of 1969, students taking the phonetics classes in the Department of Linguistics have been given the option of writing either a review-type term paper or an experimental paper. The experimental papers, together with the original data, have been filed and stored in the laboratory primarily for internal reference and as guides for further study. Listed below are these experimental papers written during the past five years. (The actual period covered is three years and a half. The use of the laboratory was lost for the fall semester of 1971, when the lab had to be dismantled and moved from its temporary location to the present permanent location, and for the academic year 1972-73 when Professor Kim took a leave of absence.) The list includes papers written by students in the beginning, as well as the advanced, phonetics classes. Consequently, the papers vary somewhat widely in their merits. Some are quite elementary, but two have found their way into journals, and a few more appear in the present issue of SLS.

In the following list, dates of the papers are given in parentheses, and the data used for each paper, mostly in the form of tapes, spectrograms, mingograms, and some palatograms, are given in square brackets. The list, alphabetized by authors' names, is followed by an index of subjects and an index of languages. The numbers in these indices refer to the papers in the first list.

It is hoped that this small collection will eventually grow into an

archive of working papers and data that will prove to be useful not only to departmental students and faculty but also to other researchers in phonetics and phonology.

1. Amerman, James D.: An acoustical search for nasality characteristics existing in vowels embedded in various word-end phrase contexts: A preliminary study. (1970)
[Spectrograms]
2. Awoyale, Yiwola: A re-examination of Yoruba vowels. (1972)
[Tapes, spectrograms]
3. Barnitz, John B.: Chom-p-sky, Bloom-p-field, and phonetic enpen-t-thesis. (1973)
[Tapes, spectrograms]
4. Beng, Joseph: Vowel harmony in Akan. (1971)
[Tapes, spectrograms]
5. Bereiter, Marilyn: A study of \acute{V} t V.
[Tapes]
6. _____: A study of duration in speech production. (1974)
[Mingograms]
7. Bhatia, Taj: Hindi stops: An experimental study. (1971)
[Mingograms, tapes]
8. _____: A study of aspirated consonants as spoken and recognized by Hindi speakers. (1973)
[Tapes, spectrograms]
9. Chantorn, Charuvan: Stress in Thai. (1973)
10. Colberg, Thomas: Some findings on tonal interaction in Yoruba. (1971)

11. Daugherty, John: "aI Estædi iŋlitiš for faI dži:rs". (1973)
12. Döllein, Jürgen: On the diphthongization of /æ/ in a Hudson Valley dialect. (1971)
[Spectrograms]
13. Dunlop, Wayne: An experiment in internal open juncture in American English. (1972)
[Tapes, spectrograms]
14. Fox, Samuel E.: A spectrographic analysis of the vowels of Chicago English. (1973)
[Tapes, spectrograms]
15. Gammon, Ann: The role of auditory feedback in the monitoring of stress and juncture differences in American English. (1970)
16. Greenberg, Roberta: The nature of stop consonant following an initial s. (1972)
[Tapes, spectrograms]
17. Habick, Timothy: A description of the phonetic capabilities of a two year old child with special consideration of consonant clusters. (1972)
[Tapes]
18. Houston, Jr., John: Syllable structure and stress placement. (1972)
[Tapes]
19. Johnson, David: Acoustic characteristics of long and short vowels. (1972)
[Tapes, spectrograms, mingograms]
20. Kahane, Charles: Relics of the underlayer in the pronunciation of American English by a native speaker of Greek. (1969)
[Tapes]
21. Koermandy, Adrienne: On the reality of the phoneme. (1972)
22. Kuo, Wu-Yu: A comparison of Cantonese and Mandarin tones. (1970)
[Tapes]

23. Lee, Sang Oak: English Pronunciation problems of Korean. (1973)
24. Linder, Sharon: Intonation and emotion. (1972)
- [Tapes]
25. Mahmoud, Samir M.: Emphatic consonants in Cairo Arabic. (1972)
- [Tapes]
26. Nakano, Keiko: Japanese diphthongs?. (1970)
- [Tapes, spectrograms]
27. Paik, Keumju: Vowel length in Korean. (1972)
- [Tapes]
28. Ryder, Thomas and Sandra Chappe: English as a rhythm-stressed language. (1973)
29. Schwarte, Barbara: Devoicing of final voiced stops in Black Dialect. (1972)
- [Tapes, spectrograms]
30. Shih, Katherine I-Ping: Aspiration in relation to tones in Chinese. (1971)
31. Smith, Chihae: On morea of consonants in Japanese. (1971)
- [Tapes, mingograms]
32. Skousen, Royal: Vowel and consonant length in Finish. (1970)
- [Tapes, mingograms]
33. Sohn, Han: The pronunciation of Korean diphthong /ɨy/. (1972)
- [Tapes spectrograms]
34. Stock, Roberta and Yeal Ziv: The /ɛ/æ/distinction in English. (1972)
- [Tapes]
35. _____: Initial consonant clusters in Hebrew. (1972)
- [Tapes]
36. Waag, Mike: Geographic distribution of the allophones of /s/ in Spanish America. (1973)

37. Walsh, Robert E.: An investigation of the perception of English vowels by native Japanese. (1971)
38. Warie, Pairat: Occurrences of tones in different types of syllables in Thai. (1973)
39. Wentz, James: An experimental study of French unstable "e" deletion. (1970)
- [Tapes]
40. White, Gregory: Vowel length in minimal pairs. (1972)
- [Tapes, spectrograms]
41. White, Maribeth: The formant frequencies of onglides and offglides. (1970)
- Tapes, spectrograms
42. Woywod, Ferdinand: On the description of the three Polish sounds [s], [ś] and [š]. (1971)
- Tapes, palatograms, spectrograms

Index of subjects

Aspiration: 8, 30

Auditory feedback: 15

Child language: 17

Consonants: 23, 25, 31, 35, 36, 42 (See also Stops)

Contrastive analysis: 11, 20, 37

Diphthongs: 12, 26, 33

Duration (length): 6, 19, 27, 32, 40

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Glides: 41

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Juncture: 13, 15

Nasality: 1
 Phoneme: 21
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 Syllable: 18, 38
 Tones: 10, 22, 30, 38
 Vowels: 2, 14, 19, 27, 34, 37, 39, 40
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Index of languages

Akan: 4
 Arabic (Cairo): 25
 Chinese: 22, 30
 English, American: 1, 3, 5, 6, 13, 16, 20, 23, 28, 34, 40, 41
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