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INTRODUCTION

This is the eighth issue of the annual reports from the Research Institute of Logopedics and Phoniatrics. The Institute was established in 1965 in the Faculty of Medicine, University of Tokyo, starting with one research section for speech science. The second section, for speech physiology, was begun in 1971. We are proposing two more research sections to complete this organization: one for research in speech and language pathology, another for perceptual and psycholinguistic studies.

Last year in July, Dr. Osamu Fujimura, Director of the Institute and professor in the section of speech science, left the University of Tokyo to become head of the Linguistic and Speech Analysis Department of Bell Laboratories in Murray Hill, New Jersey. Since then, however, we have had little change in the major research projects of the Institute and a close cooperation between us and Dr. Fujimura is being maintained in order to extend our research activities. In April of this year, Dr. Hiroya Fujisaki, professor in the engineering department of the University of Tokyo, joined the Institute as professor of the speech science section.

Our research results are reported here in preliminary form for exchange of information and cooperative technical discussions with other research groups all over the world. Most of the projects reported on here will appear in more formal publications later, but quotations are welcome strictly for research purposes, with the understanding of the preliminary nature of these reports. It is advisable, therefore, to contact the author(s) beforehand, since more recent or corrective information may be available, perhaps as a more formal publication in preparation.

Copies are not for sale and our distribution policy is to send one to each of the active research groups with common research interests for exchange of similar interim reports and/or reprints of publications. For individual investigators who may wish personal copies, reprints from issue No. 3 onwards are available on request, as well as some other publications from our group. We hope we can continue this policy in the future with the kind cooperation of international peers, and also by appropriate funding.

Masayuki Sawashima
Director

PERSONNEL

Professor Emeritus: Ichiro Kirikae (D. M. Sc.) *

Director: Masayuki Sawashima

Research Staff:

Masayuki Sawashima (D. M. Sc.) Professor of Speech Physiology
Hiroya Fujisaki (D. Eng.)** Professor of Speech Science
Hajime Hirose (D. M. Sc.) Associate Professor of Speech Physiology
Shigeru Kiritani (B. S.) Assistant Professor of Speech Science
Haruhisa Ishida (Ph. D.)*** Associate Professor of Speech Science
Mrs. Tazuko Uyeno (Ph. D.) Lecturer (Oct. 1973 -)
Miss Sumiko Sasanuma (Ph. D.)**** Lecturer (part time)
Tatsujiro Ushijima (D. M. Sc.) Research Associate (on leave for
research work at the Haskins Laboratories, Connecticut, U. S. A.)
Kenji Itoh (D. Eng.) Research Associate (April 1974-)
Seiji Niimi (M. D.) Research Assistant
Sin Iti Harada (M. A.) Research Assistant (- March 1974)
Sotaro Sekimoto (B. Eng.) Research Assistant

Graduate Students (Division of Medical Science):

Miss Emiko Tagami (M. A.)
Seishi Hibi (M. S.)
Olle Kjellin (M. A.)
Miss Kuniko Miyawaki (M. A.)

Guest Researchers:

David M. Perlmutter (Ph. D.), Associate Professor, Massachusetts
Institute of Technology (- Sept. 1973)
Osamu Fujimura (D. S.) Head, Linguistics and Speech Analysis
Department, Bell Laboratories (Sept. 1973, Feb. 1974)
Miss Julie B. Lovins (Ph. D.), Lecturer, English Department,
Tsuda College
John V. Hinds (Ph. D.), Lecturer, Department of Foreign Language
and Foreign Literature, Sacred Heart University (Sept. 1973-)

Technical Staff:

Hiroshi Imagawa

Secretaries:

Miss Kikuko Yamakoshi
Miss Akemi Maeda
Miss Ayako Mano (part time)
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** Also Professor at the Department of Electrical Engineering, Faculty of Engineering, University of Tokyo

*** Also Associate Professor at the Computer Center, University of Tokyo

**** Also Head at the Section of Communication Research, Tokyo Metropolitan Institute of Gerontology

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Tokyo University of Foreign Studies, Institute for the Study of Languages and Cultures of Asia and Africa:
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Mrs. Mariko Tatsumi (B. A.), Graduate Student
Tokyo Metropolitan Institute of Gerontology, Section of Communication Research:
Miss Sumiko Sasanuma (Ph. D.), Head
Itaru Fujii Tatsumi (M. Eng.)
Yo Kobayashi (B. Eng.)
The National Center of Speech and Hearing Disorders:
Sadao Shibata (M. D. , M. A.)
Asaji Ino (B. A.)
Okitsugu Koba (B. A.)

Notes: The position "jokyoju" is translated here as "associate professor" when the person has a doctoral degree, and as "assistant professor" otherwise. Likewise, "josyu" is either research associate or research assistant depending on whether the person has a doctoral degree. The distinction is merely conventional to make the words appear in a better correspondence to some English equivalents.