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INTRODUCTION

This is the fourteenth 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.

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

(April 1979 - March 1980)

Professor Emeritus: Ichiro Kirikae* (D. M. Sc.) Director: Masayuki Sawashima Research Staff: Masayuki Sawashima (D. M. Sc.) Professor of Speech Physiology Shuzo Saito (D. Eng.) Professor of Speech Science Hajime Hirose (D. M. Sc.) Associate Professor of Speech Physiology Shigeru Kiritani (D. M. Sc.) Associate Professor of Speech Science Miss Sumiko Sasanuma (Ph. D.) ** Lecturer (part time) Mrs. Tazuko Uyeno (Ph. D.) *** Lecturer (part time) Kenji Itoh (D. Eng.) Research Associate Seiji Niimi (M. D.) Research Assistant (- July 1979) Sotaro Sekimoto (B. Eng.) Research Assistant Hirohide Yoshioka (M. D.) Research Assistant (on leave for research work at Haskins Laboratories, Connecticut, U.S.A.) Kiyoshi Honda (M. D.) Research Assistant (Aug. 1979 -) Graduate Students (Division of Medical Science): Seishi Hibi (M.S.) Special Students: Mrs. Mariko Tatsumi (M. A.) Miss Park Hea Sook (M. A.) Guest Researchers: Osamu Fujimura (D. Sc.) Head, Linguistics and Speech Analysis Department, Bell Laboratories (Aug.-Sept. 1979) Frances J. Freeman (Ph. D.) Assistant Professor, Northwestern University (Aug. -Sept. 1979) Technical Staff: Hiroshi Imagawa (B. Eng.) Takahisa Nagai (part time) Secretaries: Miss Kikuko Yamakoshi Miss Nobuko Uchida Miss Tokiko Sugano (part time) Miss Naoko Orihashi (part time)

Cooperative Groups:

University of Tokyo, Faculty of Medicine, Department of Otolaryngology: Voice and Speech Group

^{*} Also Professor, Department of Otolaryngology, Jichi Medical School.

^{**} Also Professor of Speech Pathology, Department of Education, Yokohama National University.

^{***} Also Head of the Second Research Section, Centre for Teaching of Japanese as a Foreign Language, the National Language Research Institute.

University of Tokyo, Faculty of Engineering:

Hiroya Fujisaki (D. Eng.) Professor, Department of Electrical Engineering

Kitazato University, School of Medicine:

Zyun'ici Simada (M.D.), Assistant Professor, Department of Physiology

Voice and Speech Clinic, Department of Otolaryngology University of Electro-Communications:

Kiyoshi Hasimoto (D. Eng.) Associate Professor, Research Laboratory of Communication Science

Tokyo University of Foreign Studies, Institute for the Study of Languages and Cultures of Asia and Africa:

Ryohei Kagaya (B. Eng.) Research Assistant

National Rehabilitation Center for the Disabled:

Sadao Shibata (M. D., M. A.) Head of Section of Otolaryngology, and Director of College

Toshiki Manabe (D. M. Sc.) Director of Department of Speech and Hearing Disorders, and Head of Otolaryngology

Tokyo Metropolitan Institute of Gerontology, Section of Communication Research:

Motonobu Itoh (Ph. D.) Head

Itaru Fujii Tatsumi (M. Eng.)

Yo Kobayashi (B. Eng.)

Tokyo Metropolitan Geriatric Hospital (Yoikuin), Department of Speech Pathology:

Miss Yoko Fukusako (D. M. Sc.)

Musashino Electrical Communication Laboratory, the Fourth

Research Section:

Tsunehiko Koike (B. Eng.)

Fumitada Itakura (D. Eng.)

Tokyo Gakugei University, Research Institute for Education of Exceptional Children:

Hideo Hayashibe (M. A.) Research Assistant

Osaka Shoin Women's College

Mrs. Miyoko Sugito, Professor

Note: 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.