Tuesday, May 5

Introduction and Opening Remarks
George T. Mencher, Ph.D.
Robert K. Coulling, PGER, Elks
Hon. Ronald Russell, C.D., Minister of Health
9:00

SESSION 1:
Sanford E. Gerber, Ph.D.
Chairperson

KEYNOTE ADDRESS:
Speech and Healing Disorders: A Worldwide Problem Requiring a World Health Perspective
George T. Mencher, Ph.D., Director
Nova Scotia Hearing and Speech Clinic
Halifax, Nova Scotia

After reviewing international initiatives against avoidable disablement and the goals of the World Health Organization and United Nations Programs for "Health for Everyone by the Year 2000", the paper will focus on worldwide centres and their contributions toward meeting the goals outlined. Of specific interest will be the role played by Canada and potentially the Canadian Association of Speech-Language Pathologists and Audiologists in this worldwide task.

Hearing and Speech Services in Southeast Asia
Suchitra Prasansuk, M.D., Director
Otological Centre, Bangkok Unit
Bangkok Unit for Worldwide Prevention of Hearing Impairments, Thailand

Three centres have been designated by the World Health Organization to provide hearing health care to the underdeveloped nations of the Third World. Dr. Prasansuk will describe, in detail, the work of one of those centres. Her presentation will include a journey into the rural communities of Thailand and a review of the audiological-oto logical and speech-language pathology services offered via highly mobile health teams.

Speech and Hearing in Pacific Island Nations: Big Problems for Little Countries
D. Elaine Pressman, Ph.D., Director
Speech Pathology Department
Children's Hospital of Eastern Ontario, Ottawa, Ontario
Lee Hsia Heah, Ph.D.
University of Malaya, Kuala Lumpur, Malaysia
and the Children's Hospital of Eastern Ontario

This paper will review the state of services available to children and adults with speech, voice and language pathologies in small, newly independent Pacific Island states and some southeast Asian countries. In particular, the status of services in Fiji, Malaysia and Indonesia will be considered within the context of the development plans for each of the countries and the priorities of each government.

SESSION 2:
Richard FitzZaland, M.S.
Chairperson

Communication Disorders in Latin American Countries
Pedro Berruecos, M.D.
Head of Audiology and Phoniatrics Unit
General Hospital of Mexico, Mexico City, Mexico
Auditory, voice, and oral and written language problems are studied and treated similarly in Latin American countries that have a common linguistic denominator and similar social, political, economical and health problems. A questionnaire was sent to all Spanish-speaking countries, in order to know panoramically what linguistic communication problems there are in Latin America. The information obtained from this survey became the basis for the organization of a Latin American Training Centre in Mexico City, under the auspices of the Mexican Ministry of Health and the IFOS/World Health Organization (WHO) Committee for worldwide prevention of hearing impairments. Dr. Berruecos will describe the work of this, the second of the centres designated by WHO, to provide health care to underdeveloped nation. International cooperation is needed to attend the more than 30 million people in our hemisphere with different communication disorders.

Canadian International Hearing Services: Canada and the Caribbean

Donald Hood, Ph.D., President
Audiology Limited, Thunder Bay, Ontario
Gordon Kerr, President
Canadian International Hearing Services
Westin, Ontario

Canadian International Hearing Services (CIHS), recently recognized by the World Health Organization/IFOS project as the major international provider of audiological and otological services for the Caribbean, has developed programs on eight island nations. This presentation will review those programs, their successes and problems, and CIHS's plans for the future.

Communication Disorders in Eastern European Countries: Educating Personnel and Delivery Services

Dr. I. Supacek, C.Sc., Director
Phoniatric Clinic, Prague, Czechoslovakia

The provision of speech-language pathology and audiological services in eastern European countries is quite different from that seen in the Western World. Dr. Supacek, Director of a major speech and hearing centre in Prague, will review the philosophy, procedures and programs offered in Czechoslovakia and throughout eastern Europe.

SESSION 3:

Recent Developments in Service Delivery for the Communication Disordered in the United States

James B. Lingwall, Ph.D., Director
Professional Affairs Department
The American Speech-Language-Hearing Association
Rockville, Maryland

The health care system in the United States has undergone many important developments, and likewise, services to those with communication disorders have been affected. Specific topics addressed will include reimbursement structures, managed care systems, emergence of the private practitioner, professional autonomy, quality assurance systems, services to the elderly and other special populations, prevention measures and new technological capacities.

Aphasia and Neurogenic Disorders: A Review

Roberta Chapey, Ph.D., Professor
Department of Speech, Brooklyn College
New York, New York

Language rehabilitation of the adult aphasic presents a challenge of enormous magnitude. This paper will review the numerous types and strategies of intervention applicable to the remediation of the language disordered adult. Therapeutic principles, approaches and the roles of various participants will be considered.

State of the Art in Phonology

Janis Costello Ingham, Ph.D., Professor
Speech & Hearing Sciences Department, University of California, Santa Barbara, California

Research in child phonology is burgeoning, and speech-language pathologists are struggling to make sense of it. This presentation will review the issues and attempt to reduce the schizophrenia caused by the clash between long-held views of speech sound production as perceptual-motor-based articulatory behaviour and the more recent view of speech sound production as primarily linguistic, phonologic behaviour, requiring a new approach to treatment.

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SESSION 4:
Patrick Alexander, Ph.D.
Chairperson

A Critic's Look at the State of the Art in Cleft Palate and Craniofacial Disorders: Where We Have Been, Where We Need to Go
Robert J. Shprintzen, Ph.D., Director
Center for Craniofacial Disorders, Montefiore Medical Center, Bronx, New York

Published research in cleft palate and craniofacial disorders is voluminous. Conclusions of research from 1950 to 1980 have resulted in numerous treatment plans for the speech, language and hearing problems associated with abnormalities of the head, neck and face. Unfortunately, a critical look at the research shows that over 90% of it is completely invalid, thus invalidating many treatment plans. The future course of both research and treatment is dependent on a more careful analysis of the population with congenital anomalies, with special reference to primary diagnoses and the reasons for the anomalies being present.

Accurate Visualization — A Key to Successful Voice Management
Frank Wilson, Ph.D., Professor
Department of Speech-Language Pathology
University of Alberta, Edmonton, Alberta

The development and use of flexible fibreoptic video nasendoscopy (FFVN) allows careful scrutiny of the structural and functional behaviour of the vocal folds during speech production. We, as voice pathologists, can, for the first time, correlate voice to the physical structure. As a result, management strategies that will most efficiently eliminate voice deviations can be developed. The FFVN procedure and advances in voice management will be discussed.

Wednesday, May 6

SESSION 5:
Philip Doyle, Ph.D.
Chairperson

Speech Naturalness and Stuttering: A Review
Roger J. Ingham, Ph.D., Chairperson and Professor
Department of Speech & Hearing, University of California, Santa Barbara, California

This presentation will review recent attempts to resolve the problems of measuring and changing the level of naturalness in the speech quality of treated stutterers. The results of investigations into the use of experimenter-controlled and subject-controlled procedures for modifying speech naturalness will be reviewed.

Profiles of Language-Impaired Children
Paula Taft, Ph.D., Professor
Department of Psychiatry, University of California
San Diego, California

One of the major focuses of the San Diego Longitudinal Study was to determine if specific profiles of language impairment predict language, social and emotional and/or academic outcomes. Specific patterns that were highly predictive of these outcomes were identified in 4-year-old language-impaired children. These results will be reviewed and their implication discussed.

Counselling Parents of Impaired Children
André Durieux-Smith, Ph.D., Director of Audiology
Ian Manion, Ph.D.
Tindy Finkelstein, M.S.W.
Children's Hospital of Eastern Ontario, Ottawa, Ontario

Advances in technology now make it possible to accurately diagnose all types of disabilities and disorders in infants. Early diagnosis, although very desirable, may give rise to parental reactions and feelings of loss that may interfere with the development of normal parent-infant interaction and may have far-reaching effects on the future of the child. This paper will address the counselling needs of parents in relation to the technology that makes it possible to diagnose impairment soon after birth.

SESSION 6:
George T. Mencher, Ph.D.
Chairperson

The State of the Art in Pediatric Audiology
Samuel E. Gerber, Ph.D., Professor of Audiology
Speech and Hearing Center, University of California, Santa Barbara, California

This review considers three general topics: the means to screen neonates and infants for communicative disorders; the means to perform diagnostic evaluations on neonates and infants; and trends in service delivery.
The paper will review what techniques are available and also those studies that have attempted to measure success. Recommendations will be offered.

**Screening Newborns for Hearing Loss: The Cradle Test**

Adrian Davis, M.D.
M.R.C. Institute for Hearing Research, University of Nottingham, Nottingham, England

After briefly reviewing general programs for speech-language pathology and audiology in Great Britain, the paper will move to the more specific topic of early identification of hearing loss in infants. Recent work with the Infant Cradle Hearing Screening Device will be reviewed, offering scientific analysis of the unit's strengths and weaknesses.

**Clinical Audiology: Utilizing the Test Battery**

Don W. Worthington, Ph.D., Director
Hearing and Balance Division, Boys Town Institute
Omaha, Nebraska

Audiological and electrophysiological tests are utilized to differentiate the site of lesion in audiology disorders. This presentation will review briefly the traditional tests and will recommend the test battery that is time-efficient, sensitive and cost-effective.

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**CONFERENCE PARTICIPANTS**

**ELKS SYMPOSIUM**

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