

NEWSLETTER

Vol. 0, No. 1, December (1967)

This begins the first issue of the ? departmental newsletter; future issues will be circulated about the 15th of each month, excluding January, August, and September. Everyone in the department is encouraged to contribute any information which they consider to be of departmental interest; the value of the newsletter, of course, rests entirely upon this kind of active participation. News items should be written out and either deposited in the newsletter box in the lounges or given to any of the following people: J. Carney, M. J. Collins, A. Compton, A. Foster, J. Geith, D. Kuehn, D. Miller, B. Spriestersbach and J. Sturdevant. For additional information, please see Arthur J. Compton.

NEWSLETTER CONTEST: As you may have observed, this month's issue of the newsletter is entitled "?". This simply means that we haven't yet decided upon an appropriate title. Everyone one is invited to submit an entry for consideration by a panel of judges. The person contributing the winning title will be given appropriate recognition. In addition, Dr. Lilly and Dr. Small have agreed to donate 120 decibels at any frequency of the winner's choice.

General Department News and Announcements:

The Speech and Hearing Center will be open during the Christmas break from 8-5 PM daily except for December 25-26 and January 1.

The departmental library will be open from 1-5 PM December 18-22 and December 27-29 and closed otherwise until the regular schedule is resumed on January 2.

Dr. Moll reports that there have been a number of unavoidable delays in acquisition of books and periodicals in our library, but that most of the problems are temporary ones associated with the transition from East Hall to the Center. (Considering the magnitude of the move, the operation of the library has been remarkably efficient, and the library staff is to be commended for the additional effort that must have been required).

INFORMAL GRADUATE SEMINAR: The graduate students in the department have revived the "Informal Graduate Seminar". The purpose of this seminar is to provide an opportunity for all students (graduate and undergraduate) to discuss topics of practical interest which are not usually discussed in the formal courses.

Topics for discussion and one faculty member participant are to be proposed by the students. Generally only one faculty member will be invited and/or allowed to participate at one time. Faculty participants decide on the nature and length of their presentation, and a usual question period will follow the discussion.

On November 27th, Dean Spriestersbach discussed "Trends and Issues in the Profession". He stressed the need for a strong national organization and the importance of an awareness of impending federal and local legislation.

The next scheduled meeting will be at 8:00 PM on Monday, December 11th, in Room 206. Dr. Melrose will discuss "Clinical Supervision".

Students are requested to leave suggestions for any future topics and the name of the faculty member participant in Room 311-SHC.

SAH----WHAT IS IT? WHAT COULD IT BE?---Sandi Staubitz---As a transfer student I one day naively asked if there is a chapter of Sigma Alpha Eta at the U. of Iowa. People responded with "A what?" "Well, I think there used to be one, but I'm not sure what happened to it". Since I have been affiliated with SAH and consider it a worthwhile organization, I'd like to tell you a little about it in hopes that you will be interested in having an active chapter here.

SAH is an honorary open to students in speech and hearing. It is oriented toward undergraduates on most campuses, although graduate students are invited to participate. The chapter with which I had some contact sponsored several programs designed to provide professional resources and an opportunity to develop student-faculty relations. There was an annual spring picnic, initiation banquet, panel discussions, therapy demonstrations, and firesides. At Iowa, SAH might provide the same experience for undergraduates as does the Graduate Seminar for graduate students, and/or it may serve as a liaison between graduates and undergraduates. In short, it could be and could do anything that members initiate.

Sound interesting? Would you like to investigate the possibility of having an active chapter of SAH? If so, leave your name in my box this weekend. We can call a meeting in the lounge to answer the questions: What is SAH? What can it be?

Professional Activities of Members in the Department:

DR. SHERMAN has accepted a position on the editorial board of the Iowa Academy of Science.

A book, entitled Cleft Palate and Communication, edited by DEAN D. C. SPIRSTERSBACH and PROFESSOR DOROTHY SHERMAN, is to be published by Academic Press early in 1968. The book presents a systematic review of the research and clinical experience in communication problems of individuals with cleft lip and palate. Several of the chapters are authored by members of this department. Chapter titles and authors are as follows:

Dorothy A. Huntington.....	Anatomical and Physiological Bases for Speech
James F. Curtis.....	Acoustics of Speech Production and Nasalization
Kenneth L. Moll.....	Speech Characteristics of Individuals with Cleft Lips and Palates
Hughlett L. Morris.....	Etiological Bases for Speech Problems
William F. Prather and Clime Kahn.....	Audiologic and Otologic Considerations
Leonard D. Goodstein.....	Psychosocial Aspects of Cleft Palate
Ralph L. Shelton, Jr.; Elise Hahn; and Hughlett L. Morris.....	Diagnosis and Therapy
D. C. Spiersbach.....	Some Professional Implications

On December 6, 1967, DR. DEAN WILLIAMS and MR. PHILIP COX taped some interviews with two grade school children on WMT-TV. The tape will be shown on "Home Fare" at 1:00 Monday, December 11 on channel 2. The purposes are:

1) to show the types of interview procedures that are being developed for this age group, and 2) to show parents that school age children who stutter can be talked with in such a way as to gain information about their speech problem and not create more of a problem than already exists.

DR. JAMES HARDY presented a paper at the annual section of the American Academy for Cerebral Palsy on Sunday, December 10, 1967, in San Francisco, California. The paper, "Management of Velopharyngeal Dysfunction in Cerebral Palsy" was co-authored by Ronald Netsell, Research Associate; Dr. James W. Schweiger, Associate Professor of Otolaryngology and Maxillofacial Surgery; and Dr. Hughlett Morris. The paper is a report of seven years of experience with surgical and prosthetic management of parietic palates of children who have cerebral palsy.

Social Announcements and Personals:

CHRISTMAS PARTY: there will be a Christmas party Wednesday, December 13 from 2-5 PM at the Speech and Hearing Center. Everyone plan to come and join in the festivities. Refreshments will be served.

Michelle Joyce, daughter of Ron and LaVay Netsell, was born Tuesday, November 7, 1967.

Cadet Captain David R. Mason, husband of Cindi Mason, was awarded the Legion of Valor Bronze Cross at the ROTC Awards Ceremony on November 28, 1967. This award is made annually to the fourteen most outstanding cadets in the United States.

Departmental Research:

THE RESPIRATORY PHYSIOLOGY RESEARCH LABORATORY, Room 324, is the prime work area for the Public Health Service research grant from the National Institute of Neurological Diseases and Blindness, "A Study of the Physiology of Speech Breathing", for which Dr. James Hardy is the Principle Investigator. The research staff are Mrs. Kathy Krall, Secretary-Editorial Assistant; Terry Edmonds, Laboratory Supervisor; and Ronald Netsell, Research Associate.

The primary goals of this research program are to determine (1) the magnitude of physical work (aerodynamic power) supplied to the vocal tract by the respiratory musculatures during speech production, (2) whether those musculatures have the role of (a) generating a relatively constant amount of aerodynamic power upon which the laryngeal and articulatory structures act to produce the speech signal (b) initiating discrete pulses of such power during speech production, or (c) combinations of those roles, (3) what systematic patterns of respiratory muscular activity at various lung volumes, (4) what deviations from those normal processes may be found with respect to such aerodynamic and respiratory phenomena in dysarthric subjects, particularly subjects with cerebral palsy, and (5) those variables influencing the mobility of the speech mechanisms of dysarthric speakers. In addition, since the manner with which the respiratory mechanism generates the speech air stream may depend upon how that air stream is acted upon by the laryngeal and articulatory mechanisms, patterns of articulatory and laryngeal valving of the speech air stream are being investigated.

ANTICIPATION AND STUTTERING: A PUPILLOGRAPHIC STUDY by Kenneth C. Grey
A number of theories of stuttering have stressed the importance of anticipation in precipitating the moment of stuttering. This research was planned to investigate one possible correlate of this anticipation, namely, the arousal which might be reflected in changes in pupil size, the pupil being recognized as an extremely responsive indicator of autonomic activation.

Subjects gave a single word response to an auditory word stimulus; they were required to delay their responses until a signal was given. In general the results showed that, 1) simply attending to an auditory word stimulus produced significant differences in the nature and extent of the pupil change, 2) the extent and rate of pupil reaction are related to the nature of the stimulus presented, so that more strongly emotional words are accompanied by greater pupil dilation and, 3) such differences, however, do not appear to occur to any greater degree in stutterers compared to nonstutterers or in stutterers prior to words which are stuttered compared to words which are not stuttered.

Alumni Notes:

DR. KAY CANAHL will begin teaching at Emory University in Atlanta, Georgia this winter quarter. DR. JULES CANAHL is a Research Audiologist at the Veterans Administration Hospital in Atlanta, working on a signal detection study of binaural masking level differences.

TED GLATTKE began work as a post-doctoral fellow at Stanford University Palo Alto, California under Dr. Blair Simmons in November.

MISS ANN WILLUMSON, M.A. (speech pathology, 1966) will be married on December 20, 1967, to Edward Lorson in St. Joseph, Missouri. The bride to be has been working as a Trainee in speech pathology for SSCC during the past year. Mr. Lorson is presently a junior in the College of Dentistry, Northwestern University. The couple plans to live in Chicago while Mr. Lorson continues his studies.

New Materials, Equipment, and Instrumentation:

Room 2 now contains basic television equipment necessary to videotape materials for teaching, research, and clinical practice. Miss Terri Allen is the television assistant in charge of the studio. Her job is to help you in transforming ideas into reality.

To date, the equipment has been used primarily by those interested in speech reading research; however, it was not designed to be restricted to this function. Additional uses have included the taping of therapy sessions for evaluation by clinicians and supervisors, and the taping of a lecture to be presented in the absence of the instructor.

Terri's office hours are from 1:00 to 5:00 on Monday, Wednesday and Friday, and 9:00 to 12:00 on Tuesday and Thursday. Drop in and get acquainted: new ideas are welcomed. Perhaps you will get some ideas about how television can help you in your day to day professional activities.