

SHC
NEWSLETTER

Vol. 1, No. 1, February 1968

The newsletter is circulated about the 15th of each month excluding January, August, and September. 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, and B. Priestersbach. For additional information, please see Arthur J. Compton or Doug Miller.

General Department News and Announcements:

THE SPEECH SCIENCE INTEREST GROUP met on January 15 at the residence of DR. MOLL. The meeting was devoted to a report by Ray Kent concerning his plans for an M.A. thesis research project which involves the study of supra-glottal differences between voiced and voiceless stop consonants in normal speakers.

INFORMAL GRADUATE SEMINAR: In the second meeting of the seminar on December 11th, Dr. Jay Melrose discussed clinical supervision and presented some directions for the future development of the clinical program here at Iowa.

Dr. James Curtis discussed the role of the federal government in higher education on February 12th. He included a review of the types of federal grants available for research and graduate training, and then explained the reviewing process by which grants are awarded.

On Monday, February 19th, Dr. Carl Betts will explore the practical implications of clinical ethics in the field of speech pathology and audiology. Dr. Hughlett Morris will be the faculty participant on February 26th; he will discuss journal editorial policy and describe the cleft palate grant.

Suggestions for future seminars should be left in room 311, SHC. All students, graduate and undergraduate, are encouraged to submit topics for discussion and attend any sessions of interest.

DR. DOROTHY SHERMAN will be included in the Sixth Edition of Who's Who of American Women. This edition will be an entirely new compilation of biographical information about outstanding women.

DR. CARL BETTS, director of the SPEECH & HEARING SECTION of the IOWA STATE SERVICES FOR CRIPPLED CHILDREN announces that the 1968 field clinic program gets under way February 20 and 21 at Fort Madison and Muscatine. There will be speech and hearing staff on 35 general multi-discipline clinics and 11 ENT specialty clinics. Graduate students who are in their last semester of training may attend these clinics as observers by contacting Mrs. Linda Jordan. The usual trip takes 2 1/2 days---all meals, lodging, and transportation furnished---and offers an opportunity to be involved in the differential diagnosis of approximately 25-35 children referred by their family physicians and/or local speech and hearing clinicians.

The annual "BIG TEN" CONFERENCE OF DIRECTORS OF SPEECH AND HEARING PROGRAMS was held in Iowa City February 9 and 10. The participants included John W. Black-Ohio State University, Harlan Bloomer-University of Michigan, James F. Curtis-University of Iowa, Claude Hayes-University of Wisconsin, John O'Neill-University of Illinois, Herbert Oyer-Michigan State University, David Rutherford-Northwestern University, Kennon Shank-Indiana University, Clark Starr-University of Minnesota, Mack Steer-Purdue University.

The annual IOWA ACADEMY OF SCIENCE meeting will be held at Wartburg College, in Waverly, Iowa on Friday and Saturday, April 19 and 20. Staff members or students who might be interested in giving a paper at this meeting are invited to submit papers (or abstracts) to the psychology section chairman, Robert A. Embree, Westmar College, by February 26. For further details see Dr. Sherman.

"The empiricist thinks he believes only in what he sees, but he is much better at believing than at seeing." -- G. Santayana

DR. JAY GOLDBERG of the Department of Physiology of the University of Chicago gave a public lecture on January 24, sponsored by the Department of Speech Pathology and Audiology. His lecture dealt with the neurophysiological correlates of binaural hearing. In particular he reported the results of his research dealing with the activity of single neurons located at the mid-brain level in response to various binaural stimuli. The lecture was held in Shambaugh Auditorium. The afternoon of the 24th Dr. Goldberg spoke to Dr. Small's seminar in Physiology of Hearing. He discussed, on a very informal basis, some of his earlier studies dealing with the auditory performance of brain lesioned animals.

WANTED: One pair of stilts for student mail boxes...or shorter students.

Professional Activities of Members in Department:

DR. CLETUS FISHER presented a paper, "Some Observations on Sign Language of the Deaf" to the University of Iowa Language Colloquium on February 13 at the Union.

The book, COMMUNICATION AND CLEFT PALATE, edited by Dean D. C. Spriestersbach and Dr. Dorothy Sherman, and including chapters written by Dr. James F. Curtis, Dr. Kenneth Moll and Dr. Hughlett Morris, is to be released in late February, 1968.

DEAN E. WILLIAMS was a participant in a conference sponsored by the Speech Foundation of America which was held in San Juan, Puerto Rico, from December 27, 1967 to January 2, 1968. The conference was concerned with success and failure in stuttering therapy. A report of the proceedings will be published by the Speech Foundation of America.

DR. ARNOLD M. SMALL, JR. presented a paper entitled "Loudness Adaptation: Short Term Effects" in Gainesville, Florida on Wednesday, January 25. His presentation was sponsored by the Communication Sciences Laboratory of the University of Florida.

DR. JAMES HARDY is on full-time leave this semester to complete a monograph based upon seven years of research with CP children.

DR. KENNETH L. MOLL and DR. HUGHLETT L. MORRIS were named Fellows in the American Speech and Hearing Association by the Executive Council upon the recommendation of the Committee on Honors on November 1, 1967.

The AMERICAN SPEECH AND HEARING ASSOCIATION sponsored a symposium on December 30 at the 1967 annual convention of the American Association for the Advancement of Science in New York City. The symposium was entitled "Speech Pathology, Some Principles Underlying Therapeutic Practices". DR. JAMES HARDY presented one of three papers. The title of his paper was "Respiratory Physiology: Implications of Current Research" and it reviewed some of the results of his research program in speech breathing physiology. Papers were also presented by Dr. Paula Menyuk, Massachusetts Institute of Technology, and Dr. Harris Winitz, University of Missouri at Kansas City. Dr. Hayes Newby, Queens College of the City University of New York, served as Chairman of the Symposium, and discussants of the three papers were Dr. R. S. Tikofsky, the University of Michigan, Dr. E. R. Garrett, New Mexico State University, and Dr. J. D. Noll, Purdue University. Our department was well represented in this special program since, in addition to Dr. Hardy's participation, Drs. Newby, Noll, and Winitz received their doctorates from Iowa.

Personals:

JILL CROWELL was married to J. D. Thoreson on December 28, 1967 in Galesburg, Illinois. Mr. Thoreson is a junior in medical school. The Thoresons will be spending the spring semester in Bethesda, Maryland. They plan to return to Iowa City and Jill will be enrolled again for classes in the department during the summer term.

JANE COLLINS passed Ph.D. Comprehensives in January, 1968.

New Students and Staff:

BARBARA BARD (Ph.D., N.Y.U., 1965) is employed half-time as a Speech Pathologist by both the Comprehensive Evaluation Unit of the Medical College at Oakdale and the Speech Clinic. She is married to R. L. Bard (Law) and the mother of two children. Her previous experience includes work in public schools, hospitals and clinics both in this country and abroad.

BARBARA MOELLER has recently joined the clinic staff in the position of social worker. Mrs. Moeller was formerly on the staff at Psychopathic Hospital from 1956 until February, 1967. She then joined the Comprehensive Evaluation Center at Oakdale Hospital where she remained until coming to the Speech and Hearing Clinic. She resides at Lake Macbride with her husband, Dr. William Moeller, who is on the medical staff at Psychopathic Hospital. Mrs. Moeller has two sons, one currently in his first year of Law School at Harvard and the other a freshman at the Community College in Cedar Rapids.

As of February 7th, two social work trainees began their ten month practicum placement under Mrs. Moeller's supervision. Mr. John Glasgow and Miss Connie Peterson will be participating in clinic activities three days a week and preparing for a busy summer on the residential program. Connie comes from Des Moines and John from Fergus Falls, Minnesota.

BILL NORTON received his BS degree in General Science from the U. of I. in 1955 and since then has done graduate work at the University of Denver and the University of Colorado. He is interested in teaching and clinical audiology and also has considerable experience in computer programming. Bill is the brother of Nan Norton Schmidt who received her MA in Speech Pathology from the U. of I. in 1963.

TONY STAIANO is a new graduate student in the department working on his MA in Speech Pathology. He received his BA from Queens College in Speech Pathology.

Departmental Research and Publications:

CINEFLUOROGRAPHIC STUDIES OF SPEECH ARTICULATION is the title of a three-year research project which began in October, 1967, and which is supported by the National Institute of Neurological Diseases and Blindness. Dr. Kenneth Moll is the principal investigator; Mrs. Amy Davis serves as laboratory assistant and Mrs. Elizabeth Arndt as secretary for the project.

The general purpose of this project is to investigate the movements of the articulatory structures during normal speech production, using cineradiographic techniques. Studies are designed to obtain descriptive data on the articulatory characteristics of selected consonant and vowel sounds of American English and to determine the timing interrelationships between various articulatory movements. Variations in articulatory characteristics and relationships will be studied as a function of changes in phonetic environment of speech sounds, stress, rate of utterance, and the position of boundaries between syllables, morphemes, or larger linguistic units. An attempt will be made to relate the findings of these studies to theoretical models of the organization of the speech articulatory processes.

SPEECH IMPROVEMENT IN DYSARTHIC PERSONS FOLLOWING MANAGEMENT OF THE VELO-PHARYNX by Ron Netsell: More than 15 of our graduate students recently evaluated tape recorded speech of dysarthric persons who had received either pharyngeal flap surgery or prosthetic management of the velopharynx. The recordings were of standardized material. Each speaker was represented three times on the tape: 1) prior to management, 2) one to two months following management, and 3) six to eight months post management. Using a modified magnitude-estimation technique, the mean of 20 listener values was employed as a criterion measure of speech defectiveness. Three measures (one for each condition) were obtained for each speaker. The results, briefly summarized, follow:

1. The six speakers who had received pharyngeal flap surgery were, as a group, not improved in speech.
2. The nine speakers who received prosthetic management of the velopharynx invariably shows some speech improvement; the improvement ranged from very little to a great deal.
3. The modified magnitude-estimation technique employed in the study proved to be a relatively unstable and hence gross instrument. Despite the inter- and intra-listener variability, trends for speech improvement following prosthetic management were evident.

Hopefully, details of this report will soon be appearing in JSND. However, I would be happy to provide anyone with further detail prior to that report. Again, to those who served as listeners, thank you very much.

THE EFFECT OF REINFORCEMENT ON THE STUTTERING BEHAVIOR OF CHILDREN by Carol Emrick (M.A. thesis, January 1968): The role of positive and negative reinforcement in the onset and perpetuation of stuttering has been widely theorized. This study was designed to investigate the effects of reinforcement on the stuttering behavior of children. Three conditions, designated "reward" of stuttering, "punishment" of stuttering, and "awareness" of stuttering were conducted. Children in each condition read or told stories during the reinforcement periods, and the children heard a chip drop into a metal container contingent upon each instance of their stuttering. In the "reward" condition each chip represented money earned and in the "punishment" condition each chip represented a loss of money. There was no monetary attachment to the chips dropped in the "awareness" condition. Results were similar in all conditions. Under each type of reinforcement some children displayed an increased frequency of stuttering behavior while others displayed a decrease. Many subjects appeared to assume a "set" not to stutter during reinforcement.

Results of this study suggested that the operant paradigm for stuttering modification should be reviewed and changed in terms of the individual subject's attitudes about reinforcement and the specific behavior being reinforced.

RELIABILITY OF IDENTIFICATION OF "UNUSUAL" PAUSES IN THE SPONTANEOUS SPEECH OF MALE ADULT STUTTERERS AND NONSTUTTERERS by Jeffrey A. Knox (M.A. thesis, January 1968): Attempts to categorize "pause" in classificational schemes of speech disfluency have generally been unsuccessful. The chief problem is how to operationally define pause. The purpose of this study was to formulate a procedure for identifying pause and test its reliability.

Twenty adult males, ten stutterers and ten nonstutterers, spoke spontaneously for five minutes. Three listeners, all experienced in the identification of types and instances of disfluency, served as subjects. They listened to each of the twenty speech samples and identified each instance of "unusual" pause, which was operationally defined as a period of silence which tends to call attention to itself.

Reliability of identification, both interlistener and intralister, was determined using the Sander (1961) Self-Agreement Index. Intralister agreement was considerably higher than interlistener agreement. There was a marked difference between listeners in the number of "unusual" pauses identified.

It was concluded that, using the present procedure, the reliability of identification of "unusual" pauses was not high enough to warrant its inclusion in the classification schemes now being used for types and instances of disfluency. Further study of the pause is necessary due to the possible relationship between pause occurrence and such subjective judgments as spontaneity of speech, or severity of stuttering.

A STUDY OF VELOPHARYNGEAL MOVEMENT PATTERNS IN CEREBRAL PALSIED SPEAKERS by Karen Carr (M.A. thesis, January 1968): This study was designed to investigate the patterns of velopharyngeal movement exhibited by 30 cerebral palsied subjects during speech production when the following phonetic features were varied: (1) consonant voicing, (2) manner of consonant production, and (3) place of consonant production. Cinefluorographic pictures were taken, and tracings were made of all frames associated with the production of five VCV dissyllables. Three measures of velar elevation and two measures of tongue elevation were made. Ten speakers who exhibited moderate or moderate to severe dysarthria and nine speakers who exhibited little or no dysarthria were selected from the total group of subjects.

Although statistical analyses generally showed nonsignificant differences, examination of subgroup means of the cinefluorographic measures showed some consistent trends within both subgroups of speakers.

These trends offer support for the conclusion that a mechanical linkage exists between the tongue and the velum that results in a relationship between the elevation of the velum and posterior portion of the tongue during speech. Although study of tongue movements was not a purpose of this investigation, the data suggest that neuromuscular involvement of the tongue from an upper neuron lesion may so restrict its flexibility that the dorsum of the tongue elevates abnormally for those speech sounds that require only elevation of the tongue tip.

SPEECH CLINICIANS' STEREOTYPE OF ELEMENTARY SCHOOL-AGE BOYS WHO STUTTER by Ehud Yairi (M.A. thesis, January 1968): This study was a preliminary investigation of the stereotype (i.e., preconceptions, images, beliefs, etc.) which speech clinicians have of elementary school-age male stutterers. The content and structure of the stereotype, differences in the stereotype held by male and female clinicians, effect of clinical experience on the stereotype, and the desirability of the stereotype's components were the particular problems investigated. Clinicians working in schools in the state of Iowa were asked to list all words, adjectives, or traits which they needed to adequately describe school-age boys who stutter. One hundred and twenty-seven clinicians turned in complete responses. Ninety-three University of Iowa students then judged the desirability or undesirability of the most frequently mentioned items as determined from clinicians' responses.

A summary of the main results indicates the following: 1) male and female clinicians were more similar than they were different in the traits they assigned; 2) the entire group of clinicians demonstrated a considerable consensus in the assignment of traits to stuttering boys; 3) clinicians tend to stereotype stuttering boys in terms of "personality" characteristics rather than in terms of physical characteristics or "mental abilities"; 4) the traits "nervous", "shy", "withdrawn", "tense", and "anxious", appeared at the top of the list of the most frequently mentioned words; 5) the subgroup of clinicians with the lowest number of years of clinical experience shows the least agreement on the most frequently mentioned items; 6) out of the 26 most frequently mentioned items, 17 were evaluated by judges as undesirable and 9 were evaluated as desirable. It is interesting to note that the terms "talkative", "aggressive", and "perfectionistic" were found to be highly desirable.

PUBLICATIONS:

Lubker, James F., An Electromyographic-Cinefluorographic Investigation of Velar Function During Normal Speech Production. Cleft Palate Journal, 5:1-19, (1968).

Carpenter, Mary and Morris, Hughlett, A Preliminary Study of Passavant's Pad. Cleft Palate Journal, 5:61-72, (1968).

Silverman, Franklin H., and Williams, Dean E., Loci of Disfluencies in the Speech of Nonstutterers During Oral Reading. Journal of Speech and Hearing Research, 10, 4:790-794, (1967).

Editorial:

After the shock of learning you had done a reasonably good job on your Intro to Research paper, you watched your advisor lean back in his chair and casually say, "If you'd like to, you may write a thesis." You rapidly responded, "You must be kidding. No thank you. I hope that's the last paper I ever have to write. I want to take comps and get out of here in February."

Don't be too hasty in your decision. Thesis writing does have its benefits. The following are but a few of the myriad advantages of thesis writing:

1. If you are a weight watcher but have little will power when it comes to avoiding food, here is an excellent way to lose 10 pounds in a semester.
2. If friends and family have been annoying you, this is a fine opportunity to leave them all and set up housekeeping in the speech path building.
3. If you have been wanting to test the hypothesis that man can live on only four hours of sleep a night, thesis writing can provide the perfect opportunity.
4. If you want a really different vacation, try Iowa City during Christmas, spring or late summer vacation when the only students in town are those writing theses.
5. If you have never had a high school typing course this is your chance to learn. You will have plenty of practice and drill from typing the same chapter seven times.
6. If you were an English major or received an A in rhetoric and think technical writing should be rather easy for you, you may be in for a rude awakening. Faulkner or Joyce would have flunked a course in thesis writing because their sentences were too long and complex and could not be understood by the average eight-year-old.
7. Selecting a faculty member can be fun. Your decision may be based on two criteria: either you are extremely interested in his special area or you are impressed with his smooth talking and/or sharp dressing. (The latter possibly being more important for girls.)
8. If you believe that faculty members aren't really human, give them a chance to exonerate themselves by writing a thesis. If you think they don't remember how it feels to be a graduate student, that they're not aware of the frustrations you experience, nor do they care, and that they regard you only as #17 49 11, then you should write a thesis to learn that the faculty does know more about you than just your ID number and grade point average and that they're not completely oblivious to your feelings.
9. If you have had difficulty in interpreting or evaluating the journal articles you read, thesis writing provides a concentrated course in "literary" criticism of scientific writings.
10. If you infrequently have feelings of exhilaration over completed work, try handing in a bound copy of your thesis to your advisor, throwing away a dozen old thesis drafts, and seeing your thesis placed on the library shelf.
11. If you find it difficult to talk to faculty members and, in fact, are afraid of them, a few months of having conferences with your advisor several times a week for an hour or longer could remedy this. (Note: Don't panic if your advisor yells. He's not necessarily angry with you; he's just trying to get you to think.)

The above list is but a few of the many advantages we have found in writing theses. If you have been given the opportunity to write a thesis, we heartily recommend that you do so. It's a great experience and we'd do it all over again.

---by CAROL EMRICK and JEFF KNOX

Graduating Students:

BS Degrees

JUDITH BOWEN - Judy will be working toward an MA degree in the Rehabilitation Counselor Education Program in the College of Education.

SANDRA HAMMERS -- future plans unknown.

KATHLEEN KREBS -- Kathy's future plans include marriage and working as a secretary in the Iowa City area.

BARBARA MAYS - Barbara is taking a vacation in Key West, Florida. Her future plans are undecided.

MA Degrees

CAROL EMRICK, JEFFREY KNOX AND EHUD YAIRI completed a thesis and are staying at U. of I. to work toward a Ph.D.

KAREN CARR - Karen completed a thesis and her future plans are undecided.

JANICE HILSMAN - Janice has accepted a position as a speech clinician in the Solano County Schools, Fairfield, California. She will be working with Susan Sears (Iowa, MA, 1967) who is also working in the same school system.

MARCIA HUNTER - Marcia has accepted a position as a clinical audiologist in the Department of Otolaryngology at Washington University, St. Louis, Missouri.

MARILYN LANG - Marilyn completed a thesis and is now working as a full-time research assistant in the Department of Neurology with Dr. Benton on his aphasia test-battery series.

SUSAN WILDE - Sue has accepted a position as a speech clinician at the Toledo Hearing and Speech Center in Toledo, Ohio.

Ph.D. Degrees

TED GLATTKIE - Ted is now a post-doctoral fellow at Stanford University, Palo Alto, California.

KENNETH GRAY - Ken has accepted a position as senior lecturer in the Department of Psychology at the University of Sydney in Sydney, Australia.

DEPARTMENT OF SPEECH PATHOLOGY AND AUDIOLOGY
UNIVERSITY OF IOWA

Newsletter

Vol. 1, No. 2, March 1968

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General Department News and Announcements:

DR. DONALD HENDERSON, who is now at the Central Institute for the Deaf in St. Louis, was here on February 26. He gave a talk on "The Relation Between Auditory Evoked Cortical Electrical Activity and Behaviorally Determined Auditory Thresholds in the Chinchilla."

WENDELL JOHNSON: The General Semantics Bulletin, No. 32-33, pp. 133-146, carries a special article entitled "In Memorium" which includes a sketch of the life of Wendell Johnson and an account of his "Experiences in Developing a University Course in General Semantics."

STUDENT SEMINAR: On February 19, Dr. Carl Betts discussed "Practical Clinical Ethics." Dr. Betts reviewed the Code of Ethics of ASHA and presented examples of the types of problems which the clinician might encounter in making practical application of this Code.

Dr. Hughlett Morris reviewed the procedures for publishing an article including a brief discussion of the types of editorial policies on February 26.

Two additional seminars have been scheduled. Dr. Dean Williams will discuss "Stuttering Research" on March 18 and Dr. David Lilly and Dr. Charles Anderson will present the pros and cons of "Audiologists and the Sale of Hearing Aids" on March 25.

BICYCLE RACK: The University plans to install a bicycle rack near the SHC building. Until then please park bicycles in the lot across from the SHC in the motorcycle area. Bicycles parked out of regulation areas may be ticketed and/or confiscated.

The 6-WEEK SUMMER RESIDENTIAL PROGRAM begins on June 23 and runs through August 2. There are to be about 55 children between 8-16 years of age. They will be housed in the D.U. fraternity house. Plans for the Hillcrest boys group in the ages of 16-18 are indefinite.

SEMINAR IN PROGRAMMED LEARNING to be offered during the summer session, 1968. This seminar will be offered by Dr. Compton and Dr. Fisher and will cover programmed learning with particular emphasis on applications to speech and hearing. Study in depth will cover the following three areas:

1. General principles underlying programmed learning
2. Application of these principles to programming and evaluation of programs

3. Application of these techniques to the teaching of didactic material and to clinical procedures in speech and hearing

The goal is to develop interest in research in programmed learning and application of programmed learning to teaching didactic material and clinical procedures in speech and hearing.

DR. MURIEL MORLEY, a well known speech pathologist from Britain, visited the University and the Iowa Cleft Palate Research Program on March 11. Dr. Morley, now retired, was formerly the director of speech therapy at Newcastle upon Tyne Hospital. During her visit she gave a lecture on the "Results of Cleft Palate Surgery"; her lecture was the first official use of the auditorium in the Wendell Johnson Speech and Hearing Center.

CONCERNING THE STUDENT LOUNGE....A copy of the faculty newsletter will be posted weekly on the board in the lounge. This publication provides considerable information about the University (calendar, faculty senate, ect.), and students may find the material of interest.

The bulletin board has been full of miscellaneous announcements which should be removed as soon as they are outdated. However, in the past few weeks, some current information and departmental items have been indiscriminately discarded. Please do not, in a moment of compulsive destruction, throw away information or announcements which should remain available to other students.

Money collected for coffee has been generally adequate over the last two weeks. A few individuals still seem to expect free refreshments, however. Please pay for donuts and coffee in full and at the time you indulge...not six weeks later. Also, the pot is often left empty. It takes only a few minutes to make a new batch, and the suggested proportions are posted on the wall. It may be nonprofessional work, but it's essential.

The EDUCATIONAL PLACEMENT OFFICE is encouraging graduating students to take advantage of its services. In addition to providing information about job opportunities, the Placement Office maintains permanent files of letters of reference, academic transcripts, work experience, etc., which can be kept up to date without charge. Since many graduating students are likely to change jobs two or three times during the next 10 or 12 years after graduation, a complete and up-dated file that can be forwarded to prospective employers at a moment's notice is obviously invaluable. For further details about application forms, additional services, fees, etc., contact the Placement Office (353-4365).

Wise men talk because they have something to say; fools because they have to say something. --Plato.

JOURNAL BINDING: For the past three years several members of the Department have had professional journals bound in hard cover by Iowa State Industries. The work is quite satisfactory and the fees reasonable. Sometime within the next three or four weeks a representative from the bindery will be here to collect journals for binding. For additional details, see A. Compton, D. Lilly, or D. Miller.

Professional Activities of Members in Department:

MALCOLM H. HAST, Otolaryngology and Maxillofacial Surgery, was elected to the Society of Experimental Biology and Medicine.

DR. KENNETH MOLL attended the Bell System Business Communications Seminar in Chicago on February 26-27. This seminar was sponsored by the Northwestern Bell Telephone Company primarily for participants from Iowa universities. Information was provided concerning available techniques for transmitting numerical and graphic data over various communications systems. The operation of different types of instrumentation, including computers, teletypes, and T.V. equipment was demonstrated.

DR. ARTHUR COMPTON was elected to full membership in the Society of the Sigma Xi by the Iowa Chapter.

Blessed is the man who, having nothing to say, abstains from giving wordy evidence of the fact. --George Eliot.

DR. CURTIS, DR. ANDERSON, AND DR. FISHER attended the regular meeting of the Committee on Hearing Conservation for the State of Iowa at the Maytag plant in Newton, on Friday, March 8. This is a study committee of the State Department of Health and serves in an advisory capacity to the State Health Commissioner and his staff.

The committee has a definite interest in industrial hearing health and took advantage of the opportunity to review the industrial hearing conservation program at the Maytag Corporation. The committee also considered the need for adequate audiometric calibration in the state and the ramifications of hearing conservation legislation, both in Iowa and in other states.

Dr. Melrose is also a member of the committee but was unable to attend.

DR. ARTHUR COMPTON gave a talk entitled "Some Thoughts on Phonological Development and Disorders" at the Departmental Clinic Staff meeting on March 18.

The typical Eskimo family is composed of a father, mother, three children and an anthropologist or linguist.

New Students and Staff:

ELIZABETH ARNDT is the SHC's newest secretary, working for Dr. Compton and Dr. Moll. Her husband Victor (A4) is majoring in political science and history. Sonja Elizabeth, age 17 months, is the queen of their home at 1023 Finkbine Park.

JAN INNES, research assistant, is doing editorial work - editing and rewriting articles in preparation for publication - for Dr. Hardy and Dr. Williams. Her husband Bruce began work this semester on a Ph.D. in English literature. They moved to Iowa City in February from Washington, D.C., where Bruce was taking graduate work at George Washington University and Jan was employed as an editorial assistant on a communications electronic journal.

Departmental Research and Publications:

HISTORY OF THE DEPARTMENT: The department plans to publish, probably this summer, a history of the development of the program of speech pathology and audiology at the University of Iowa. The history will also include a considerable amount of information about the beginnings of the discipline itself since many of these beginnings are rooted in the so-called Seashore-Orton experiment at Iowa. That experiment, a unique interdepartmental venture in the early twenties, included pioneering use of scientific method in the study of speech disorders.

Dorothy Moeller, research associate, is now gathering materials and will begin writing in the near future. In past weeks she has interviewed Dr. Lee Travis in Los Angeles, Dr. Bryng Bryngelson and Dr. Ernest Henrikson in Minneapolis, and Dr. Charles Strother of Seattle in Chicago. She expects to make one or two more out-of-town trips. She is also interviewing people here, checking local records, and corresponding with people in various parts of the country who have had some connection with the development of the program.

The faculty expects the history to serve a dual purpose. It will be a reference for the chronology of events. It also will be a story of the Iowa people whose work has contributed to the growth of the department and the discipline.

A DESCRIPTION OF THE DISFLUENT SPEECH BEHAVIOR OF STUTTERING AND NON-STUTTERING JAPANESE CHILDREN by Sumiko Sasanuma (Ph.D. Dissertation, June 1968).

Thirty elementary school Japanese children, fourth through sixth grades, who had been identified as having a stuttering problem and their nonstuttering matched controls performed two kinds of speaking tasks: (1) oral reading of a 369-word passage three times consecutively and (2) telling stories in response to each of the five Children's Apperception Test cards. Their tape recorded speech samples were analyzed in terms of five parameters of disfluency: frequency effect, and loci of disfluencies. The data were evaluated for similarities and differences between (1) Japanese stutterers and their nonstuttering peers; (2) Japanese stutterers and their American counterparts of comparable age and school grade; and (3) Japanese nonstutterers and their American counterparts of comparable age and school grade. The findings indicated that (1) the pattern and the extent of overlap in disfluent speech behavior between Japanese stutterers and nonstutterers were highly parallel to those found between American stutterers and nonstutterers, and that (2) the disfluent speech behavior of Japanese stutterers and that of nonstutterers were strikingly similar to that of American stutterers and of nonstutterers, respectively. Implications of the findings for cultural, social and linguistic variables are discussed.

JOHNSON, WENDELL, "Communicology?", ASHA 10:43-56, 1968 - edited and compiled by Dorothy Moeller.

Alumni Notes:

RAY DANILOFF (Ph.D. 1967) and TOM SHRINER (Ph.D. 1965), both now at the University of Illinois, visited U. of Iowa last month. Ray was here to use the cine equipment for a joint research project he is doing with Dr. Moll.

SUMIKO SASANUMA will be leaving the Department to take an appointment as a fellow at the Mayo Graduate School of Medicine with Dr. Frederick L. Darley and his associates, starting April 6, 1968. Her address in Rochester will be: 914 West Center Street, Rochester, Minnesota. She plans to return in June to officially receive her doctoral degree.

MISS KAREN CARR (M.A. 1968) has accepted a position as a Speech and Hearing Consultant for State Services for Crippled Children. Karen has been working as a trainee for SSCC during the past year.

MRS. JULIA GIBB (M.A. 1965) has accepted a position as a Speech and Hearing Consultant for State Services for Crippled Children. Julia returns to Iowa from Tucson, Arizona, where she was employed as a speech consultant at the Tucson Medical Center.

MISS BARBARA BOGK (M.A. 1967) has announced her engagement to Mr. Edward Rogalski. The couple plans to be married on June 1, 1968, in Wauwatosa, Wisconsin. Barbara is currently employed as a public school speech clinician for the Cedar County schools. Mr. Rogalski is a graduate student in the school of education. He expects to receive his Master of Arts degree in August, 1968.

March 32nd Supplement:

GRADUATE SEMINAR:

Suggested Topic: ELECTRICAL CHARACTERISTICS OF ACTIVE FILTERS

Suggested Participant: Gerri Kahn

Note: Discussion will include the following topics --

- (1) Exponential Discharge Patterns of Charged Capacitors
- (2) Clinical Management of 3rd Degree Burns or "What to do until the doctor arrives?"
- (3) Decreasing your wardrobe without really trying

STUDENT SEMINAR:

Topic: Post-comp slump

Participants: MAC - Long Term Effects

Collins - Short Term Effects

Mills - The Travel-Bug Effect

Favors, Murphy, Netsell - Effect on Student-Staff Relations

Frazen - Effect on First Grade Teachers

Woods - Effect on Fluency of Wives

Carney - Effect on Dissertation Idea₁, Dissertation Idea₂....Dissertation Idea_n (as $n \rightarrow \infty$).

DEPARTMENTAL:

A Symposium will be offered for the next ten years on the SHC Elevator Syndrome. Participants and topics to be discussed are:

Jeff Knox and Dr. Dean Williams - "The Usual Pause"

Dr. David Lilly - "Calibration Techniques for Chaotic Behavior"

Dr. Hughlett Morris - "Surgical Repair of Elevator Induced Clefts"

Dr. Cletus Fisher - "Observations of Sign Language of Elevator Victims"

Bette Spriestersbach - "MMPI Trends in Elevator Induced Schizoid Personalities"

Dr. Kenneth Moll - "A Preliminary Investigation of the On-Off Mechanism"

NEW DEPARTMENTAL POSITION -- The Lady Bird Graduate Fellowship, awarded to one qualified student, will begin April 1, 1968. The assignment will involve 15-80 hours a week cleaning and waxing the plants in the waiting room. It is understood that the student will also remove spider webs and dead birds from the foliage and help locate lost children and clinicians. Hedge clippers will not be provided. Experience gained will be of value later to the student in jungle survival and administrative work. Applications (printed in block letters) should be submitted to the White House before March 32.

LYNN TSCHIRNER AND JANE SPREITZER STAR in a video production that was taped Thursday. The production is titled "Visual Perception of Terminal Pitch Contour", or "Shut your mouth smells fresh?" The premiere showing will be at 2:30 Monday, March 18th in the little theatre off the electronics shop. When asked about the production, Clete G. Fisher, writer-producer-director said, "These girls will surely be nominated for something." Also up for nomination is Miss Terri Allen, who handled the photography and technical work with imagination and enthusiasm.

DEPARTMENT OF SPEECH PATHOLOGY AND AUDIOLOGY
UNIVERSITY OF IOWA

Newsletter

Vol. 1, No. 3, April 1968

The newsletter is circulated about the 15th of each month excluding January, August, and September. News items should be written out and either deposited in the newsletter box in the lounges or given to any of the following people: E. Arndt, J. Carney, M.J. Collins, A. Compton, A. Foster, J. Geith, D. Kuehn, D. Miller, or B. Spriestersbach. For additional information, please see Arthur Compton or Doug Miller.

General Department News and Announcements:

ALL FACULTY MEMBERS AND STUDENTS are invited to attend an evening of slides on Tuesday, April 23 at 7:30. This will be an "open door" presentation where those attending are free to come and go at any time throughout the evening. Those who are interested in presenting slides, please contact Jan Gesas by leaving a note in her box. Slides will be shown of Europe, the Middle East, Africa, Russia, etc. The room will be announced in the faculty and student lounges.

CLINICAL OBSERVATIONS: Jay Melrose, Clinical Director, announced that Clinical Staffings may be observed at any time by all students and staff. These staffings are held in the auditorium on Wednesdays and Thursdays, beginning at 1:00 p.m. They last approximately $1\frac{1}{2}$ hours and provide an excellent opportunity to observe and discuss a variety of case types. Lists of cases to be presented at each staffing will be posted weekly in Room 118. Students are urged to check the lists and attend any sessions of interest.

In addition to these diagnostic sessions, it will be possible to observe staff members doing therapy. Lists of interesting cases being seen will be posted weekly in Room 118.

SAMA NOON MOVIES, sponsored by students of the American Medical Association, are open to students in Speech Pathology and Audiology. The schedule follows:

April 26 Heart Crippler

May	3	Essentials of Neurological Exam
	10	Mechanism of Analgesia and Pain
	17	Infectious Disease Due to Ascaris Lumbricodes
		Physical Exam of Newborn
	24	Management of Compound Fracture

All of the movies will be shown on Fridays at 12:00 in room E331 General Hospital.

DR. WILLIAM S.Y. WANG, Department of Linguistics, University of California at Berkeley will present a paper "The Physical Basis of Phonological Theory," to the Language Colloquium at 7:30 p.m., April 30 in the Iowa Union.

DR. JOEL WERNICK, University of Florida, visited the Department on April 4-5 and gave a paper on "Effects of Descending Neural Pathways on Auditory Coding."

SAMUEL PRUZANSKY, D.D.S., Director of the Center for Craniofacial Anomalies, University of Illinois, visited the University on April 9 and gave a series of three lectures on facial growth, otocephalic anomalies, and congenital palatopharyngeal incompetence.

EASTERN IOWA SPEECH AND HEARING ASSOCIATION: The Fifth Annual Eastern ISHA Spring Meeting will be held at the Wendell Johnson Speech and Hearing Center Auditorium on Saturday, May 4, 1968. Registration will begin at 8:45 a.m. Tours of the building will be conducted during registration as well as after the meeting. Dr. Robert Milisen of the University of Indiana will speak at 9:30 a.m., followed by Mr. Paul Spong speaking on "ASHA Reorganization." The morning meeting will also include a panel discussion of "ISHA Apathy." A luncheon at the Iowa City Athletic Club is scheduled at noon. Dr. Frederic Darley of the Mayo Clinic will be luncheon speaker, presenting "When is Aphasia not Aphasia?" Tickets for the luncheon may be purchased from Betty Benzies for \$3.75 before April 29, 1968. Students are encouraged to attend these meetings and to take advantage of the opportunity to hear the interesting papers to be presented.

A CLINICAL STAFF MEETING will be held on Monday, April 29 in Room 233. The agenda is a pre-ISHA discussion concerning ISHA problems in program planning and ASHA reorganization plan. (Please read and study ASHA materials concerning reorganization.)

ALL-STUDENT MEETING: A meeting of all graduate and undergraduate majors in speech pathology and audiology will be held on Thursday, April 25 at 7:30 p.m. in the SHC auditorium. At that time, Dr. Melrose and Dr. Lilly will present and discuss the departmental plans concerning the conference and dedication ceremonies for the Wendell Johnson Speech and Hearing Center.

INFORMAL STUDENT SEMINARS: On March 18 Dean Williams presented some practical suggestions on writing research grant applications and discussed the allocation of these funds.

Five graduate students on March 25 conducted a panel presentation and discussion of aspects of clinical training at other universities. The following individuals participated in the panel: Priscilla Arthur, Boston University; Jane Collins, Vanderbilt; Rick Franzen, Washington University; Lee Kallstrom, Omaha University; Mary Lou Starkweather, Wichita University.

On April 1 Charles Anderson and David Lilly presented a discussion of the different points of view on the controversial question, "Should audiologists dispense hearing aids?"

Three additional seminars have been scheduled. Kenneth Moll will present his views on "A Philosophy of Clinical and Research Training Programs" on April 22 and William Leith will discuss "Clinical Management Procedures" on April 29. On May 13 Dean Williams will discuss "Criteria for Graduate Student Selection." All students, undergraduate and graduate, are invited to attend and participate in the discussion.

Professional Activities of Members in Department:

MALCOLM HAST, Otolaryngology and Maxillofacial Surgery, presented a paper at the regular meeting of the Iowa Section of the Society for Experimental Biology and Medicine on February 28, 1968, entitled "Studies on the Extremis Laryngeal Muscles."

DEAN WILLIAMS

presented a lecture on April 9 at the University of South Dakota entitled "Implications of Research on Stuttering Therapy."

presented a lecture entitled "Stuttering Therapy in the Public Schools" at the Indiana Speech and Hearing Association Convention on April 19-20.

JAMES HARDY

attended a site committee visit for NIH in Baltimore, Maryland, on April 18-19.

presented a paper entitled "Aerodynamic-Mechanical Model for Speech Breathing Research," for the Communication Sciences Laboratory lecture series, March 19-21 at the University of Florida.

HUGH MORRIS

attended the Annual Convention of the International Association for Dental Research at San Francisco, California, on March 21-24.

presented two lectures which constituted a short course in cleft palate at the University of Missouri, Columbia, Missouri, on April 11-12.

attended the winter meeting of the ASHA Publications Board at the National Office in Bethesda, Maryland, March 29-30. Dr. Williams is also a member of the Publications Board but was unable to attend the March meeting because of previous commitments.

ARTHUR COMPTON attended the University of Chicago Sociolinguistics Forum on March 29-30.

SALLY PETERSON presented a paper entitled "Interrelation of Findings in a Syndrome with Congenital Malformations of the External Ear, Temporal Bone, Face and Mandible," at the International Association for Dental Research, San Francisco, March 21-24. The paper was authored by S. Pruzansky, S. Peterson, and G.E. Valvassori.

ELECTED FOR MEMBERSHIP IN IOWA CHAPTER OF SOCIETY OF THE SIGMA XI:

Full Members -- John F. Brandt, alumnus
Arthur J. Compton
James F. Lubker
Fred D. Minifie, alumnus
Thomas H. Shriner, alumnus
Frank H. Silverman

Associate Members -- Patrick Jerome Carney
Mary Jane Collins
Raymond D. Kent
Ronald W. Netsell
Charles L. Woods

Social Announcements and Personal:

KEVAN CHRISTIAN, son and first child of Christian and Gudrun Stehr was born Friday, March 29, 1968.

MEGHAN, daughter and second child of James and Bonnie Lubker was born on Sunday, March 31, 1968.

ELLEN SILVERMAN passed Ph.D. comprehensives in March 1968.

Departmental Research and Publications:

A COMPARISON OF STUTTERING AND NONSTUTTERING CHILDREN IN TERMS OF FIVE MEASURES OF ORAL LANGUAGE DEVELOPMENT by Ellen-Marie Silverman and Dean E. Williams, (accepted for publication by the Journal of Communicative Disorders.)

Twenty-two kindergarten and first grade children who had been identified as having a stuttering problem and their nonstuttering matched controls individually told stories in response to each of the ten Children's Apperception Test cards. A 50 utterance sample was abstracted for each subject from his tape recorded responses to these cards. The following scores were computed for each subject: (1) number of one word responses, (2) mean length of response, (3) standard deviation of the mean length of response, (4) mean of five longest responses, and (5) structural complexity score. The mean scores for the stutterers were smaller for all measures than the corresponding mean scores for the nonstutterers, with the exception of the number of one-word responses. On the average, the stutterers produced approximately twice as many one-word responses as did the nonstutterers. This difference was statistically significant. The most reasonable interpretation of the results is that the differences between the two groups may reflect either unspecified differences in oral language development, or differences in verbal output, or both.

The fact that individuals who stutter frequently exhibit avoidance behavior should be considered. Although, at present, there is no information to suggest that stutterers exhibit avoidance behavior at this age, the possibility warrants consideration, since avoidance behavior may be reflected in a reduction of verbal output. Therefore, avoidance behavior should be viewed as a possible performance variable which might contaminate an estimate of the stutterer's oral language competence.

THE UNIVERSITY OF IOWA CLEFT PALATE RESEARCH PROGRAM: June 1, 1968, marks the beginning of the 13th year of the federally supported research program in cleft palate at this University. The first federal support was provided in 1956 with a research grant from the National Institute of Mental Health to D. C. Spriestersbach to investigate the psychosocial aspects of "the cleft palate problem." Principally, the design was the conduct of rather extensive parent interviews, patterned after the Kinsey format, to learn about the possible effect of cleft lip and cleft palate on the family constellation. Other observations of physiological parameters were also made.

From the study it became clear that additional information was needed about the effectiveness of physical and behavioral management of cleft palate, particularly as evaluated over a period of time. In addition, there was a need to be able to predict success of general management with greater reliability.

In 1958, the National Institute of Dental Research awarded a research grant to D. C. Spriestersbach to identify pre-management observations that would have value in predicting post-management status. The program project included two kinds of research: longitudinal and time-limited (cross-sectional).

The longitudinal investigation was designed to be clinical and interdisciplinary in nature. The procedure was to make careful observation of a large number of cleft palate children over a number of years during which management was being provided. No experimental management was to be used but rather the intent was to assist in aiding the various clinicians (surgeon, dentist, speech pathologist, etc.) in recording a description of management, and more importantly, the bases for that management.

Essentially the same design is used in the current phase of the research program, now under the direction of H. L. Morris. To date about 250 subjects have been enrolled in the study, ranging in age from two weeks to 16 years 10 months.

Subjects younger than 6 years of age return every six months. Subjects older than 6 years return for observation on a yearly basis. On each "research return" the subject is examined by a surgeon, dentist, speech pathologist, and audiologist. At prescribed intervals, he or his parents, or both, are interviewed by a social worker and a psychologist. Additional observations are made: x-ray films, speech recordings, dental models, photographs, etc. The procedures for obtaining, storing, and retrieving these data are directed by Rosemary Tharp, University Hospitals.

The second phase of the program-project consists of research efforts of a time-limited, cross-sectional type. They may or may not use data collected as part of the longitudinal study. The organization is purposely kept flexible to permit research projects which draw from many disciplines. There are five general areas of study with an investigator responsible for development in each.

1. Facial growth (C.R. KREMENAK, Orthodontics and Otolaryngology and Maxillofacial Surgery). This project provides information about the general relationship between cleft lip and palate surgery and the growth of the face. Currently, Dr. Kremenak is assessing individual effects of several aspects of cleft palate surgery, such as denudation of the horny palate. Dogs are used for such experiments. The facial growth project is housed in Westlawn but will be moved to the Oakdale Dental Research Center.

2. Speech pathology (D.R. VANDEMARK, Otolaryngology and Maxillofacial Surgery and coordinator of the Cleft Palate Clinics). Dr. VanDemark is primarily interested in speech pathology research important to problems in clinical management. One such example is his therapy research project now in its second year which uses children in the Summer Residential Speech Clinic. For that project, his objectives are to make systematic observations about therapy and to assess pre- and post-therapy status. Another example is a project to provide information about the predictive value of articulation consistency for cleft palate speakers.

3. Speech physiology (J.F. LUBKER, Otolaryngology and Maxillofacial Surgery). The purpose of the speech physiology research project is to provide information about parameters which may be important to speech production, both normal and pathological. The speech physiology laboratory includes equipment for cinefluorography, cephalometry, electromyography, and the assessment of air pressure and air flow rate.

4. Dentistry (J.W. SCHWEIGER, Otolaryngology and Maxillofacial Surgery). Much of Dr. Schweiger's work has been in assessing parameters of facial growth in humans. Another portion of his research, along with Dr. Lubker, has been designed to develop techniques for assessing the effectiveness of obturation. Recently, he and H. Morris have begun an investigation about the effect of pharyngeal flap surgery on nasopharyngeal growth.

5. Surgery-medicine. Since the recent death of Dr. Huffman, there is no investigator in surgery-medicine projects. Dr. Litton, Dr. Bernstein, and Dr. McCabe are interested in individual projects, some of which are under way (for example, the effect of pharyngeal flap surgery on adenoidal regrowth) and some of which are still in the planning stage. A plastic surgeon will also be working in this area in the near future.

The University of Iowa Cleft Palate Research Program has been relatively productive during the 13 years of its existence. A total of 51 articles, parts of four books, and two scientific exhibits have been published or produced with the support of the Program. In addition, four films have been produced with general support of the Program although specific funding for the films came from a different source.

The staff extends an open invitation to visitors who are interested in learning more about our program. To arrange a visit, call Dr. Morris at 338-0525, extension 292.

DEPARTMENT OF SPEECH PATHOLOGY AND AUDIOLOGY
UNIVERSITY OF IOWA

Newsletter

Vol. 1, No. 4, May 1968

The newsletter is circulated about the 15th of each month excluding January, August, and September. News items should be written out and either deposited in the newsletter box in the lounges or given to any of the following people: E. Arndt, J. Carney, M. J. Collins, A. Compton, B. Foster, J. Geith, J. Knox, D. Kuehn, D. Miller, and B. Spriestersbach. For additional information, please see Dr. Arthur J. Compton or Douglas Miller.

Schedule of Events and General Information for the SHC Conference and Dedication Ceremony:

MONDAY, JUNE 10 -- Arrival of Conferees

TUESDAY, JUNE 11 through JUNE 14 -- Conference: Major Issues in Doctoral Training in Speech Pathology and Audiology.

The conference faculty will include R. Carhart, J. F. Curtis, F. L. Darley, R. Goldstein, A. House, H. Lillywhite, E. McDonald, K. L. Moll, R. Schiefelbusch, E. D. Schubert, D. C. Spriestersbach, and C. R. Strother.

The conference program will be available prior to the conference, and all faculty, staff, and students in the Department are welcome to attend the meetings. Please observe the seating arrangements. The spectator section will be marked off in the rear of the auditorium.

FRIDAY, JUNE 14, 5:00-7:00 p.m. -- Cocktail parties for conference participants to be hosted by the faculty members.

FRIDAY, JUNE 14, 7:00 p.m. -- Alumni Banquet at Iowa Memorial Union.

All members of the Department and guests are invited. Reservations and payment (\$5.00 per plate) must be sent to Jay Melrose no later than May 27. Make checks and money orders payable to the University of Iowa.

SATURDAY, JUNE 15, 10:00 a.m. to noon -- Dedication Ceremony for the Wendell Johnson Speech and Hearing Center.

The ceremony will be held in the open air in front of the building. In case of inclement weather, the ceremony will be held in the Main Lounge of the Iowa Memorial Union. The Dedication Ceremony Program is posted in the lounges and departmental library.

Dr. J. F. Curtis will act as Master of Ceremonies. Dr. D. C. Spriestersbach will pay special tribute to Wendell Johnson and unveil the plaque. The guest speaker will be Richard L. Masland, M.D. His talk is entitled "Human Communication." Dr. Masland is presently the Director of National Institute of Neurological Disease and Blindness, Department of Health, Education, and Welfare. Beginning June 1 he will be Professor of Neurology and Chief, Department of Neurology, College of Physicians and Surgeons, Columbia University.

Tours of the building in conjunction with the Dedication Ceremony are to be conducted Friday, June 14 from 2:30 through 4:30 p.m., and Saturday, June 15 from 8:30 through 9:30 a.m. and after the ceremony through 3:00 p.m.

General Department News and Announcements:

The appointment of KENNETH MOLL as Departmental Chairman has been approved by the Board of Regents. He will begin his duties in September.

JOEL WERNICK, Auditory Physiologist from the University of Florida, has accepted a position in the Department and will join the faculty in September.

JERRY CARNEY has accepted a position as Research Associate in the Department beginning this fall and will be working with Kenneth Moll.

LEE WOODS has accepted a position as Research Associate in the Department this fall and will be working with Dean Williams.

MARGARET EVANS has accepted a position as Clinical Research Associate in the Department this fall and will be working with Dean Williams.

WILLIAM YOVETICH has accepted a position as Clinical Research Associate in the Department this fall and will be working with Dean Williams.

The SPEECH AND HEARING CENTER OPEN HOUSE for the University of Iowa and Iowa City community will be held Friday, May 24 from 2:00-5:00 p.m. Tours will be provided and coffee served.

CONFERENCE PICNIC -- The graduate students are planning to sponsor a picnic for the participants of the conference. The picnic will be on Wednesday evening, June 12. All volunteers will be most welcome; students interested should leave their names in room 309.

INFORMAL STUDENT SEMINARS: In a meeting on April 22, Kenneth Moll discussed his philosophy about academic and clinical training in speech pathology and audiology. He stressed the need for programs which prepare the student to integrate research findings with clinical practice. In addition, he suggested that graduate programs are usually developed to meet the needs of the students and that students should make a greater effort to communicate their feelings and ideas to staff members.

William Leith, on leave from Colorado State University, led a discussion on clinical management and training on April 29. He raised questions about the nature of our profession, the responsibilities of the clinician, and the elements of clinical training.

On May 6 Aaron Favors presented a lecture entitled "Are We Signifying Right, Baby?" He also administered the Dove Counter Balance Intelligence Test. The test was developed by Watts' social worker Adrian Dove to measure intelligence as the term applies in lower-class Black America. If an individual scored less than 20 (65%) on the test he virtually failed and it might therefore be concluded that he had a low ghetto I.Q. As white middle-class educators might put it, "he was culturally deprived." Approximately 25 members of the seminar had scores ranging from 4-21.

In the last seminar of this semester, Dean Williams discussed criteria for graduate student selection. A review of the relative importance of several different criteria was presented and the seminar was concluded with a discussion of the selection procedures used at Iowa.

Additional seminars will be scheduled during the summer session. All students, graduate and undergraduate, are encouraged to submit topics for discussion and attend any sessions of interest.

MISS JUDY REED, a junior honor student in Speech Pathology and Audiology, was recently one of eighteen students selected for the University of Iowa Women's Mortar Board. The initiation ceremony took place on May 4 in the Old Capitol. Judy transferred to the University when she was a sophomore from Joliet Junior College in Joliet, Illinois. At the present time, she is an advisor in the Kate Daum Dormitory, and has held several offices in dormitory government. She is planning to take the Honors Seminar in Introduction to Research in Speech Pathology and Audiology this coming fall.

Regular appointments for OUTPATIENT HEARING EVALUATIONS in the Speech and Hearing Clinic will be available beginning June 17, 1968. Questions concerning this service should be directed to Charles V. Anderson.

The SIGMA ALPHA ETA chapter from the UNIVERSITY OF NORTHERN IOWA visited the Speech and Hearing Center on April 24 and was given a guided tour of the building.

MARY DONOHUE, clinic secretary, will be working as a secretary in the Activities Center at the Iowa Memorial Union beginning June 5.

Professional Activities of Members in Department:

The following people attended the ANNUAL CONVENTION OF THE AMERICAN CLEFT PALATE ASSOCIATION in Miami Beach, Florida, April 24-27: C. R. Kremenak, J. F. Lubker, K. L. Moll, H. L. Morris, W. H. Olin, S. J. Peterson, J. K. Smith, D. R. VanDemark.

W. H. Olin is president-elect and H. L. Morris is editor of the Association. J. F. Lubker and S. J. Peterson presented papers:

"INTERRELATION OF FINDINGS IN A SYNDROME WITH CONGENITAL MALFORMATIONS OF THE EXTERNAL EAR, TEMPORAL BONE, FACE AND MANDIBLE" presented by S. J. Peterson; "PREDICTING CINEFLUOROGRAPHIC MEASURES OF VELOPHARYNGEAL OPENING FROM LATERAL STILL X-RAY FILMS" presented by J. F. Lubker.

DEAN WILLIAMS

presented a lecture to teen-age boys and girls at the Psychiatric Hospital on May 9 entitled "Communication on the Way We Behave."

AARON FAVORS

was a guest speaker at Cedar Falls Institute on Language and Linguistics sponsored by the Department of Public Instruction on May 2. His presentation was entitled "Some Effects of Language on the Black Child and the Speech Pathologist: Another Perspective."

CLETUS FISHER

attended the 1st Annual Forum of the Conference of Organizations Serving the Deaf in Washington, D.C., on April 24-27.

took the Hearing Conservation class on a field trip on May 17 to the Maytag plant in Newton, Iowa, to survey their industrial hearing conservation program.

CHARLES ANDERSON

took the Hearing Measurement Practicum class to Glenwood State Hospital and School to test hearing on April 26 and 27. Lois Sutton, Jim Lynn, Al Silverio, Jane Spreitzer, Margaret Maxwell, Linda Schubert, and Carl Betts accompanied Dr. Anderson. Pauline Lipson also attended in the capacity of speech evaluator.

KENNETH MOLL

presented a paper entitled "Coarticulation and Models of Speech Production" to the Department of Communicative Disorders, University of Wisconsin, Madison, Wisconsin, on May 10. He also served as a consultant on a research project concerned with the use of ultrasonic techniques for the study of speech physiology.

CARL BETTS

presented two lectures ("Mobile Diagnostic Clinics" and "Speech and Hearing Activities in Public Health") at Stanford University School of Medicine in Palo Alto, California, on May 21.

attended the Region VI Conference on "Problems in Delivery of Comprehensive Services to Children with Communicative Disorders." He led a discussion on "Delivering Comprehensive Service in Crippled Children's Field Clinics." The Conference was held May 22-23 at St. Paul, Minnesota.

DEAN SPRIESTERSBACH

attended the American Cleft Palate Association sponsored by the American Association of Dental Schools Council on Dental Education on April 30 at Chicago, Illinois. He participated on a panel: "Psychological Complications of Cleft Palate."

MICHAEL MURPHY

attended a conference "Linguistics and Language: New Approaches in Identifying and Programming for the Education of Children with Sub-Standard Language," sponsored by the Iowa Department of Public Instruction, May 1-4.

New Students and Staff:

PEGGY JEDLICKA is the new secretary at SHC working for Drs. Anderson, Fisher, Lilly, and Small. Her husband Jim is now serving in the Army on active duty in Viet Nam. After spending five months at Ft. Belvoir, Virginia, Peggy has returned to her home town of Iowa City.

Social Announcements and Personals:

DANIEL RUSSELL, son and second child of Mr. and Mrs. Dow Voss was born Monday, May 13 at Mercy Hospital. Mrs. Voss was the secretary to Drs. Anderson, Fisher, Lilly, and Small until a month ago.

MARY "The Planner" MIKESELL was hostess for a post-comps celebration at her apartment on Friday, May 17. The party was also sponsored by Julie Cunningham, Bunny Foster, Joyce Lewis, Pat Williams, and Gayle Wimpee.

THE GRADUATE STUDENTS served a picnic breakfast to approximately sixty people at Lake McBride on Saturday, May 18. The graduating students were honored at this time and presented with awards and mementoes of their years at Iowa by Dr. Curtis. A special thank you goes to Mary Carpenter, Jane Collins, and Pauline Lipson for their efforts in planning and organizing the picnic.

TERRY EDMONDS is to be married to Miss Connie Musser on June 9. Miss Musser is the secretary at Pine School. The couple would like to invite all friends to their wedding dance at the Ramada Inn on June 9 at 8:00 p.m.

OBITUARY: MacGregor, the departmental alligator who resided in the student lounge and various offices, passed away over the Easter vacation.

ANN MERKEL to be married to Mike Hill on June 22 -- Mike is a freshman medical student and Ann will be starting graduate work in September. Both will be working in Iowa City this summer and will be making their home at 402 6th Street, Coralville.

MARILYN HOUSER to be married to Larry Earley on June 8 -- the Earleys will be living at 516 East College Street in Iowa City this summer while Marilyn and Larry are working. Both will be back in school in September. Larry is working on a double major in education and sociology.

MARY WILMETH to be married to Tom Bowstead on June 8 -- Mary and Tom will be living at 914 9th Avenue, Coralville, this summer. Tom will be employed as a research assistant in the medical labs until he enters medical school in September. Mary has a job as a psychiatric attendant at the psychiatric hospital for the summer and will be back to classes in the fall.

SUE ADDIS to be married to Chuck Dayton on June 9 -- Chuck, a senior in pharmacy, will be working in the V.A. pharmacy this summer. Sue also plans to work this summer, before completing her bachelors degree.

JULIE SHADLE to be married to Larry Snyder on June 10 -- the Synders will be in Iowa City through the summer while Julie continues work on her M.A. Larry will be employed as a programmer at the University Computer Center before beginning work on his Ph.D. at Carnegie-Mellon University, Pittsburgh, in September. Julie plans to stay in Iowa City until her degree is completed.

DAVE KUEHN to be married to Maxine Jugelt on June 15 -- Miss Jugelt has signed a contract to teach at the College Community School system in Cedar Rapids. They will live in Iowa City while Dave continues work on his M.A.

SUSAN WHALEN will be married to Ron Thomsen on June 15.

Departmental Research and Publications:

REPRODUCING STYLI FOR SPEECH AUDIOMETRY by D. J. Lilly and R. L. Franzen (scheduled to be published in the September 1968 issue of JSJR). This report presents a rationale for using a 1.0 mil stylus for playing Technisonic discs used in speech audiometry. The tone arms on many speech audiometers are still equipped with a 2.5 mil stylus. This larger stylus is appropriate for records pressed by Technisonic Studios prior to 1959; however, the smaller stylus is preferable for the more recently pressed discs.

CONFUSIONS AMONG CONSONANTS VISUALLY PERCEIVED, C. G. Fisher (to appear in JSJR). Visual confusions of consonants were produced through a method of forced error, providing a test of the classical listings of homophenous sounds. Results support the concept of homophenous sounds but not the classical listings. The degree of homopheny appears to vary as a function of increased redundancy.

VISIBILITY OF TERMINAL PITCH CONTOUR, C. G. Fisher (to appear in JSJR). TPC was tested for one type of structure as a part of a larger study of the visibility of supra-segmental morphemes. Identification of the direction of TPC was significant beyond chance for that structure for each of the speakers.

Graduating Students:

B.A. and B.S. Degrees: JODIE L. CHALLY, SALLY L. HOFFMAN, MARILYN V. HOUSER, MARY S. KEALEY, VERNA J. LIBBY, ANN MERKEL, SANDRA S. MILLER, KAY M. MONKHOUSE, MITZI R. MULMED, MARY A. NIX, EULA M. RUSSELL, JULIE A. SHADLE, MARY C. STIRLING, NANCY A. WELCH.

M.A. Degrees:

DOUG MILLER completed a thesis and will be staying at the U. of Iowa to work toward a Ph.D. degree.

MARY MIKESELL, JOYCE LEWIS, BUNNY FOSTER and PAT WILLIAMS have no definite plans for next year.

JULIE CUNNINGHAM will continue to work in the Iowa City Public Schools as a speech therapist.

GAIL WIMPÉE plans to begin work in September at the Houston Speech and Hearing Center as a teacher-clinician in the pre-school language program.

"In public we say the race is to the strongest; in private we know that a lopsided man runs the fastest along the little side-hills of success."

--Frank Moore Colby

DEPARTMENT OF SPEECH PATHOLOGY AND AUDIOLOGY
UNIVERSITY OF IOWA

Newsletter

Vol. 1, No. 5, June 1968

The newsletter is circulated about the 15th of each month excluding January, August, and September. News items should be written out and either deposited in the newsletter box in the lounges or given to any of the following people: E. Arndt, J. Carney, M. J. Collins, A. Compton, J. Geith, J. Knox, D. Kuehn, D. Miller, and B. Priestersbach. For additional information, please see Arthur Compton or Douglas Miller.

History of Speech Pathology and Audiology at Iowa:

The newsletter will feature in the next few issues a series of historical notes on the developing field of Speech Pathology and Audiology at U. of I. The information has been compiled by Dorothy Moeller in her work in preparing a history of the Department.

The first two Ph.D.'s in speech pathology and audiology at Iowa were granted long before the discipline was recognized as such and even before the terms "speech pathology" and "audiology" were in general use. These degrees, like many more to follow, were based on a new laboratory-centered and interdepartmental doctoral program which was conceived probably as early as 1915 by Carl E. Seashore, head of the department of psychology and dean of the graduate college. At that time speech and hearing problems were being given almost no systematic attention in either education or the health sciences.

The first of the two pioneer degrees was granted in 1920 to C. C. Bunch who thus became the first known psychologist of doctoral rank to specialize in the complexities of hearing testing. The second was granted in 1924 to Lee Edward Travis who was, as Wendell Johnson put it, "the first individual in the world to be trained by clearly conscious design at the doctoral level for a definite and specific professional objective of working experimentally and clinically with speech and hearing disorders."

Dr. Bunch, who joined the otology staff in the college of medicine, worked with Dean Seashore and Dr. L. W. Dean, head of otology and ophthalmology, to develop the first electrical pitch range audiometer. In the early thirties, Dr. Scott Reger succeeded him and has continued to serve in that position carrying on the pioneering tradition, often building his own instruments, recently devising, for example, new attachments for the Bekesy audiometer.

Travis, who from 1924 through 1937 was to be a central figure in Iowa's emerging program in speech pathology and audiology, also pioneered in the laboratory. He was the first person in America to record action potentials from muscles and the first in America to record brain waves. When in 1931 he published his first book he called it SPEECH PATHOLOGY and in this way more or less formally introduced the phrase "speech pathology" into the professional vocabulary. It would be a decade before the word "audiology" joined it.

General Department News and Announcements:

THE AUDIOVISUAL CENTER has circulated a listing of films new to the University as of June 10. Several of these will be previewed in SHC during the summer. Among them are the following:

Dr. B. F. Skinner, Part I.....	55 minutes
Dr. Gordon Allport, Part I.....	55 minutes
Teaching Machines and Sidney Pressey.....	12 minutes
Perception and Communication.....	32 minutes
Language.....	28 minutes
Modern Concepts of Epilepsy.....	25 minutes
PKU - Preventable Mental Retardation.....	15 minutes
Process of Communication.....	45 minutes
Reading.....	30 minutes
Visual Perception and Failure to Learn.....	20 minutes

Descriptions of the films are posted in the library and student lounge. The films will be scheduled at different times during the day and evening. Ehud Yairi will be scheduling the previews at times allowing the widest possible coverage, so if you are interested, let him know immediately the times that are most convenient for you.

SUMMER RESIDENTIAL PROGRAM: The 1968 Summer Residential Program will officially begin on Sunday, June 23 when a record 57 children will arrive for six weeks of intensive therapy. The children will be living at the Delta Upsilon House at 320 Ellis Avenue. Ranging in age from 8 to 16 years, the participants come from throughout Iowa as well as from surrounding states. Following local referral, the children are selected for the program by our clinical staff. Therapy will be provided for 13 articulation cases, 12 cleft palate cases, 13 hard of hearing cases, 8 stutterers, 8 reading cases and 3 with neuropathological problems. A number of children will receive help in more than one of these areas.

The residential program, which was instituted nearly 20 years ago, serves as a combined training-service program. From two to four hours of therapy is provided daily for each child, for a total of approximately 2000 half-hour sessions per week. As a result of this intensive program, many of the children make significant gains in speech, language, social relationships and in learning recreational skills.

A daily newsletter, the Cliniclatter, will be posted each morning. Visitors are welcome at the house at any time. If you are interested in volunteering to help around the house and/or with the recreation program, please contact Lee Fisher, Program Supervisor.

CORRECTION: CARL BETTS, Ph.D., was not registered in 3:31L Practicum in Hearing Measurement last semester; however, it was through his leadership that the trip to Glenwood was made possible. Thank you, Carl. (CVA)

INFORMAL STUDENT SEMINARS: Additional seminar meetings will be held throughout the summer and next fall if there is sufficient interest and support from the students. Any suggested topics for future sessions may be left in either room 220C or room 309. All students, graduate and undergraduate, are encouraged to submit topics for discussion and attend any seminars of interest.

A series of seminar sessions dealing with questions relating to theories, evaluation techniques, and remediation programs in the area of special learning disabilities is being planned for the summer session. Dr. Jane Anderson of the Psychology Department has agreed to chair these sessions. These seminar sessions will present material from a related area of clinical services for children and will cover material that speech clinicians will often encounter in both public school and clinical settings. In light of the great demands on student time during the summer session, this series will be held during the lunch hour with students invited to bring a sack lunch. At the time of this publication, the exact dates have not been set, but a series of three dates during a two-week period in early July is being considered. Please watch the bulletin board in the student lounge for further information.

Professional Activities of Members in Department:

DEAN C. SPRIESTERSBACH

attended Region (III) meeting of Training Directors in Speech Pathology/Audiology and Dentistry Programs sponsored by the Joint Committee of Speech Pathology/Audiology and Dentistry, ASHA in Washington, D.C., on May 20. (Co-chairman of JCDSPA)

attended the May 22-23 meeting of Board of Directors of ABESPA (American Board of Examiners - Speech Pathology/Audiology) for American Speech and Hearing Association in Chicago, Illinois. (Member of the Board)

attended Region (IV) meeting of Training Directors in Speech Pathology/Audiology and Dentistry Programs sponsored by the Joint Committee of Speech Pathology/Audiology and Dentistry, ASHA in Chapel Hill, N.C., on May 24. (Co-chairman of the Conference)

attended the May 27 meeting of Region (II) Training Directors in Speech Pathology/Audiology and Dentistry Programs sponsored by the Joint Committee of Speech Pathology/Audiology and Dentistry, ASHA in Iowa City, Iowa. (Participant)

attended meeting of the Joint Committee of Speech Pathology/Audiology and Dentistry, ASHA on May 28 in Iowa City. (Co-chairman of Committee)

DEAN WILLIAMS

served as a consultant to a stuttering research project in speech pathology at the University of Southern California in Los Angeles on June 5-6.

attended the ABESPA Board of Directors Meeting in Chicago on May 22-23.

ELIZABETH ANN BENZIES

attending the University of Wisconsin summer session from June 24 to August 17. She serves as a speech consultant to Carl Betts. Her course schedule is in the areas of speech and hearing.

Social Announcements and Personals:

SYLVIA HUIZENGA, clinic receptionist, will be leaving June 21 and returning to Pollock, South Dakota.

JEFFREY DEWAYNE, son and first child of Fred and Kathy Krall, was born on Wednesday, May 29, 1968. He weighed in at 9 lb. 4½ oz!

Sincere "SPEEDY RECOVERY" wishes from all the faculty and staff at SHC are out to Bruce Innes after his recent mishap on June 20. Bruce's wife, Jan, is Dr. Hardy's research assistant.

New Students and Staff:

WALTER DAUM received his B.S. degree from Clarion State College in Clarion, Pa. He is enrolled for the summer and plans to continue work toward an M.A. in audiology during summer sessions.

SUSAN M. HOGAN received her B.S. degree from Marquette University and will be a full-time graduate student in the program at Iowa working for a M.A. degree in Speech Pathology. Prior to coming to Iowa, Susan had been working as a speech clinician in the Kennedy Center in Bridgeport, Conn., and the Chicago Public School System.

JUDITH C. JOHNSON received her B.A. at Iowa in 1966. She is now returning to do full-time graduate work towards an M.A. in Speech Pathology.

TRUDY KOS is the newest secretary at SHC. She works on the Stuttering

Research Grant for Dr. Williams. Trudy graduated from the Mid-Prairie High School at Wellman, Iowa, in May.

KAY A. MONKHOUSE, MARY A. NIX, and JODIE L. CHALLEY, all of whom received undergraduate degrees at the June 1968 convocation, are continuing work this summer towards M.A. degrees.

MARION NEILD and JULIE CUNNINGHAM have been hired by Dr. Williams for the summer to help with the supervision of the stuttering practicum. Both hold M.A. degrees from the University. Marion is a speech clinician in Winnipeg, Manitoba, Canada, during the school year. Julie holds a similar position with the Iowa City public schools.

DONALD PRICE received his undergraduate degree at Montana University. He attended the summer session at Iowa last year and is back for another summer.

SISTER MARY JOSEPH SIEBERT has returned this summer to continue graduate work towards an M.A. in clinical audiology. She had previously been here during the summers of 1965 and 1966. She is a teacher at St. Joseph's Institute for the Deaf in St. Louis, Missouri, during the school year.

TERRY L. THIES received his B.S. at Iowa in 1964. He is enrolled in the program this summer taking work towards an M.A. in audiology. During the school year Terry is a speech therapist in the Dubuque County public schools.

MARY J. C. THORESON has returned to Iowa to continue studies towards an M.A. degree. She had left after the first semester last year to get married.

GLORIA J. VANLUE received her B.S. degree from Purdue University. She is enrolling this summer to begin work towards an M.A. degree, with an emphasis in clinical audiology.

JACK WALCHKO is enrolled as a graduate student in the program for the summer and will be working for a Ph.D. in Clinical Audiology. He received his M.A. from Kent State. Jack will be presently enrolled for the summer only, but he plans to return in a year as a full-time student to complete his program.

PEGGY McGARVEY (ZEIS) -- M.A., 1966 -- is working part-time for the summer with Duane VanDemark on clinical research with cleft palate children. Prior to this summer Peggy was working with an otological medical group in Los Angeles while her husband was doing his internship. He is now a resident in surgery at University Hospitals.

Departmental Research and Publications:

"ELECTRONIC INTEGRATOR FOR MEASUREMENT OF PARTITIONS OF THE LUNG VOLUME" by James C. Hardy and Terry Edmonds has been accepted for publication by the Journal of Speech and Hearing Research.

HARSHNESS AND PITCH LEVEL by Douglas Miller (M.A. thesis, June 1968): This study was designed to determine for adult male voices whether use of natural pitch level and use of pitch levels varying from natural pitch level are associated with differing degrees of harshness. A sample of 25 speakers was chosen: 10 with natural and habitual pitch levels which were approximately the same; 5 with habitual pitch level three semitones below natural pitch level; and 10 with habitual pitch level four or more semitones below natural pitch level. A short, reading passage was recorded for each speaker and the passages were randomized and spliced together

with sample identification numbers in a manner to provide for backward play of the experimental samples. Median scale values were determined for each sample from judgments made by 63 listeners on a seven-point equal-appearing-intervals scale.

Within the limits of this investigation there was no evidence that male voices with habitual pitch levels four or more semitones below natural pitch level are perceived as more harsh than are male voices with habitual and natural pitch levels which coincide.

Editorial:

CONFERENCE AND DEDICATION CEREMONY (June 11-15): The conference on Major Issues in Doctoral Training in Speech Pathology and Audiology included approximately 75 participants representing more than 50 of the major doctoral training programs in the United States as well as four federal granting agencies sponsoring traineeships and research programs in Speech Pathology and Audiology. The conference sessions were also open to our staff and students and it goes without saying that Iowa was well represented. All sessions were well conducted, stimulating -- sometimes even heated, and dealt with some of the more crucial issues facing training programs today. Though there were perhaps few issues resolved, the free and open discussions sharply brought them into focus and will no doubt have a very dramatic impact in many subtle ways on the future of our field. The conference was very fittingly climaxed by the dedication of the Wendell Johnson Speech and Hearing Center which was attended by more than 450 people including most of the conference participants, alumni, University officials, staff, students and friends.

Undoubtedly the two most enjoyable highlights of the week's activities were the conference picnic conceived and carried out entirely by the graduate students and the Alumni banquet, particularly the reminiscing of "How It Really Was" by Herbert Koepp-Baker, Frederic Darley, Mack Steer, and Scott Reger.

The success of the Conference and Dedication Ceremony must, of course, be attributed to the efforts of many now recuperating individuals. Everyone in the Department congratulates you for a job well done. We are particularly indebted to James Hardy and Jay Melrose who carried the major responsibilities and will be perhaps somewhat longer in recuperating.

The faculty would also like to take this opportunity to express their sincere thanks and appreciation to the graduate students for a most gracious gesture extended to the conference participants. The very tone of the conference itself was in large measure set by the hospitality and informality generated at the picnic.

Alumni Notes:

JOYCE LEWIS, (M.A., 1968), has accepted a position as Speech Pathologist at the University of Tennessee Medical Center in Memphis, Tennessee. Joyce will begin work in Memphis in September after spending the summer in West Virginia.

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Newsletter

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History of Speech Pathology and Audiology at Iowa:

If the Iowa Program in Speech Pathology and Audiology can be said to have grown out of the psychological laboratory -- which is the way history has it -- then George Thomas White Patrick stands as patriarch to the Program. He came to the University of Iowa in 1887 as professor of mental and moral science and didactics, offered a course in "empirical psychology" -- when psychology was all but unknown -- and that very first year introduced experiments into his presentation. From this came the psychological laboratory, one of the first in the country. (Its first catalogue listing is 1890).

Then in 1897 Patrick brought Carl Emil Seashore here from Yale to take charge of the laboratory and to teach; in 1905 Seashore succeeded Patrick as head of the department, by then called philosophy and psychology. It was at this point that Seashore began his remarkable series of innovations which would include in the early twenties the new kind of Ph.D. from which grew the Iowa Program in Speech Pathology and Audiology.

General Department News and Announcements:

BARBARA BARD will be working as an assistant professor of speech at Central Connecticut State College in New Britain, Connecticut. Next fall her address will be 400 North Quaker Lane, West Hartford, Connecticut. Her new home has six bedrooms, so please plan to stay when you come by!

PHILIP COX has accepted a position at Ball State University in Muncie, Indiana. At the beginning of the fall term he will be teaching the undergraduate and graduate courses in stuttering and also will supervise the stuttering practicum.

CLETUS FISHER, associate professor of speech has accepted a new position as Director of Speech and Hearing Division, Department of Speech, Northern Illinois University at DeKalb, Illinois. The program, presently limited to work thru the M.A. and the M.S. degrees, includes a staff of thirteen, and 125 majors, about 25 of whom are graduate students. His address this fall will be Speech and Hearing Clinic, NIU, DeKalb, Illinois. Invitation: Ya'll come!

FRANCES JOHNSTON has accepted a position as Assistant Professor of Education at Northeastern University in Boston, effective in September. She will join Dr. Robert J. Ferullo in the Speech and Hearing Center and will teach course work in speech pathology and co-ordinate the center's clinical program.

LINDA JORDAN will be the new speech pathologist at the University Comprehensive Evaluation and Rehabilitation Center at Oakdale, Iowa, on a half-time basis beginning in September. She is succeeding Barbara Bard.

JUDITH KNABE will be a speech clinician for Iowa City Community Schools this fall.

DOROTHY MOELLER is officially retiring August 1. She plans to celebrate that fact with some beachcombing along a favorite shore. Then she will continue writing, first to finish two half-completed projects related to Dr. Johnson's papers, then to turn to projects of her own. Along the way she expects to actively miss the people of the Department with whom she has spent a rewarding and pleasant 10 years. "If the next decade is as good as the last, all will be well."

FRANKLIN SILVERMAN has accepted a position at the University of Illinois (Champaign-Urbana Campus) beginning in September. His appointment as an assistant professor is in the Department of Speech. Dr. Silverman will pursue his research and teaching interests in the areas of stuttering and psychological scaling in addition to supervising and coordinating the activities of pre-doctoral students in residence at the University of Illinois Medical Center in Chicago. ELLEN SILVERMAN will continue work on her Ph.D. dissertation and plans to do independent study with Dr. Howard Maclay, Director of the Institute of Communication Research at the University of Illinois.

SANDRA STAUBITZ has accepted a position as a speech clinician at the United Cerebral Palsy Center in Cedar Rapids, and will work with preschool deaf children.

TOM KNEIL, assistant professor in the Department of Logopedics, Wichita State University, is a current visitor. He is completing his Ph.D. dissertation on the temporal relations of chest wall activity and subglottic pressure in speech. Dr. Curtis is his advisor.

CONGRATULATIONS! Ehud Yairi passed his Ph.D. comprehensives in June 1968.

KEY RETURN: As of the close of summer session, 1968, a new system of key issuance will be inaugurated. It is necessary that all keys currently issued be returned. This includes not only those keys to the entrance and various rooms within the Center, but keys to student carrels as well. The keys are to be returned to the reception area in the main lobby on or before the last day of summer session. For those persons needing keys during the period between the end of summer session and the beginning of the fall semester, keys may be reissued at that time. Thank you for your cooperation.

GRADUATE STUDENT DAY: Tuesday, September 17, has been scheduled for the second annual graduate student day. The day will begin with an orientation meeting for all graduate students (both old and new) at 9:00 a.m. in the Auditorium. Other activities scheduled are tours of the building for new students, advisor meetings with new students, a meeting of all graduate students concerning speech and hearing screening procedures, and finally, social gatherings for students and faculty at various faculty homes. All students should plan to be here for Graduate Student Day.

SUMMER RESIDENTIAL PROGRAM: As the Speech and Hearing Summer Residential Program draws to a close, the faculty, staff, and students look back with both regret and thankfulness that it is nearly over. Fifty-seven children from all parts of Iowa have provided interesting subjects for research, clinical training and service, and of course, humor.

Duane Vandemark has been doing a pilot study with four children in the articulation practicum looking at the effectiveness of program learning as a therapeutic procedure. Everyday each child has been put into an isolated room with a language master and twenty stimulus cards each containing single words which have one of the child's defective phonemes in initial, medial, and final positions. The child has been required to produce his particular sound as nearly like the stimulus as he could. Each child was positively reinforced at the end of the therapy period with one penny for each correct production and negatively reinforced by the removal of a penny for each incorrect production. The children performed surprisingly well in this type of learning task.

Linda Jordan has introduced a modified form of a language board to a thirteen-year-old girl with neuromuscular involvement of the speech mechanism. (For further discussion of language boards refer to Annette Geith Kladde, Project 1, Department of Speech and Hearing, University of Iowa Hospital School, 1967). The child apparently had normal speech until a year ago when she was in an automobile accident and has had almost unintelligible speech since that time. The language material was typed on plain white sheets of paper and placed in a small notebook. The material includes frequently used words and the alphabet and was organized on the basis of the Fitzgerald Key. The child points to a word at the same time that she is saying the word. This technique was introduced because the child was embarrassed to talk for several reasons one of which was the fear of not being understood. The language board has not only encouraged her to do more communicating, but it has also encouraged her to use her defective speech mechanism which has helped her to achieve more intelligible speech.

Some of the more interesting and, perhaps, more challenging therapy sessions were held during a two hour period of no electricity. Clinicians and clients alike were thankful for fair weather since therapy sessions turned into long walks around and around the clinic.

There were the usual number of lost and found articles this summer. With the new speech and hearing clinic came the planter in the lobby which provided ample room for the hiding of notebooks, shoes, and probably other, as yet unidentified, articles. And then, there was the found but unclaimed article found in a corner of Room 7.

All things considered, it was an enjoyable summer and those who will be here look forward to another exciting summer with the "fabulous fifty."

FALL ISHA MEETING: The Iowa Speech and Hearing Association will hold its fall meeting Friday evening, October 25, and Saturday, October 26, at the new Downtowner Motel in downtown Des Moines. The motel is nearly completed, but not yet officially named.

Tentative Program

Friday Evening

- a) Lecture, Charles Anderson
- b) Reception

Saturday Morning

- a) Business Meeting
- b) Informal Discussion -- several issues involving ISHA

Saturday Afternoon

- a) Speaker on Specific Learning Disabilities
- b) Adjourn about 3:30 p.m.

Professional Activities of Members in Department:

CLETUS G. FISHER

served as a member of the faculty for an Institute on Aural Rehabilitation, July 29 and 30, at the University of Denver. He presented a paper, "Present and Future Uses of Closed Circuit and Commercial Television in Training of the Hard of Hearing," and participated in discussion sessions of the institute.

DEAN E. WILLIAMS

presented a paper entitled "Stuttering Therapy in the Public Schools," at the Health Education Workshop at the University of Iowa on July 23.

The Iowa faculty and staff are active in state and national professional organizations. As a point of interest to the department, the following is a partial list of positions currently held:

CHARLES ANDERSON

Iowa State Hearing Conservation Committee
Liaison Committee of Iowa Speech and Hearing Association

JAMES CURTIS

Subcommittee on Human Communication and Communication Disorders, Advisory Council, National Institute of Neurological Disease and Blindness
Consultant-Examiner for the North Central Association of Colleges and Universities
Committee on Terminal Professional Education (ASHA)

CLETUS FISHER

Advisory Committee for State Planning for Facilities and Workshops, Iowa
Division of Education and Rehabilitative Services
Committee on Hearing Conservation for the State of Iowa, Iowa Department of Health
Recruitment Committee, National Association of Hearing and Speech Agencies

JAMES HARDY

Subcommittee on National Examinations in Speech Pathology (ASHA)
Committee on Clinical Certification (ASHA)
Audio-Visual Committee (ASHA)

DAVID LILLY

Convention Program Committee for Hearing Science (ASHA)
Associate Editor, JSHR

JAY MELROSE

Iowa State Committee for the Conservation of Hearing
Committee on Information Centers (ASHA)
Editorial Consultant, JSHD
Associate Editor, JSHR

KENNETH MOLL

Chairman, Committee on Scientific Affairs (ASHA)
Convention Program Committee, (ASHA)
Associate Editor, JSHR

HUGHLETT MORRIS

Publications Board (ASHA)
Study Committee on the Cleft Palate Registry (ASHA)
Editor, Cleft Palate Journal (American Cleft Palate Association)
Committee on Budget (American Cleft Palate Association)
Delegate to House of State Delegates (Iowa Speech and Hearing Association)
Committee on Public Relations (Iowa Speech and Hearing Association)

DOROTHY SHERMAN

Committee on Honors (ASHA)
Editorial Board, Iowa Academy of Science

DEAN WILLIAMS

Publication Board (ASHA)
ABESPA, Board of Directors

DEAN SPRIESTERSEACH

Chairman, Joint Committee on Dentistry and Speech Pathology and Audiology (ASHA)
Chairman, Study Committee on Honors and Fellowships
Board of Directors, ABESPA
Board of Directors, Deafness, Speech and Hearing Publications, Inc.
Committee on Terminal Professional Education (ASHA)
Study Committee on the Cleft Palate Research Registry
Review Panel, Speech and Hearing Programs, Handicapped Children and Youth
Program, U.S. Office of Education
Dental Training Committee, National Institute of Dental Research, National
Institutes of Health
Committee on Research and Research Administration, Association of Graduate
Schools in the Association of American Universities

Social Announcements and Personals:

BRIDGET CATHLEEN, daughter and second child of Mike and Joy Murphy, was born on Tuesday, June 25, 1968.

BRUCE CLARK was married to Sue Hurley on June 1, 1968, in the Shipley Chapel of the Methodist Church in Iowa City. Sue will be teaching at Horace Mann School in the fall.

LAURA DIANE, daughter and second child of Doug and Melanie Miller, was born on Wednesday, July 24, 1968.

"Enjoy yourself."

"I am," said Pooh.

"Some can," said Eeyore.

---A.A. Milne

Winnie-the-Pooh

Departmental Research and Publications:

JAMES C. HARDY and TERRY D. EDMONDS will have a paper entitled "Electronic Integrater for Measurement of Partitions of the Lung Volume," published in the December 1968 issue of JSHR.

DEAN E. WILLIAMS wrote a chapter in Learning Theory and Stuttering Therapy (edited by Hugo H. Gregory) entitled "Stuttering Therapy: An Overview." It has just been published by Northwestern University Press and is now available.

He is also the co-author of "Stuttering: Successes and Failures in Therapy" published by the Speech Foundation of America.

THE DECAY OF FREQUENCY SELECTIVE EXCITATION IN THE EAR, by Gerri Kahn (M.A. Thesis, August 1968): The purpose of this study was the investigation of some of the decay characteristics of critical band excitation. A forward masking stimulus paradigm was used in which a signal was introduced at various times following the termination of the masking stimulus. It is hypothesized that the ear will be tuned to some critical bandwidth by the masker, and the decay of this critical band excitation will be demonstrated by the effectiveness of the masking of the signal as it is removed in time from the masker.

Parametric variations were made of signal frequency, masker bandwidth, and interstimulus interval. The signals were sinusoidal stimuli while the maskers were narrow bands of noise. The center frequency of the masker bands corresponded to the frequency of the signal. Masker level was a constant pressure spectrum level. For each signal frequency-masker bandwidth-interstimulus interval combination, judgments of masked threshold were obtained by the method of adjustment.

From the masking functions obtained, estimates of critical bandwidth were derived that closely agreed with those of other investigators. An exception was noted at the longest interstimulus interval, 64 msec, where little or no tuning was seen. It was tentatively concluded that the persistence of tuned excitation is therefore about 64 msec. This estimate is much shorter than previously reported in the literature.

When the data were plotted as masking in dB as a function of log interstimulus interval, the major portion of each function could be fitted by a straight line, and thus it was concluded that tuned excitation generally decays exponentially. Since the exponents derived from these plots tended to increase with increasing masker bandwidth, it was tentatively concluded that the time constant of the decay function of the critical band is dependent upon the bandwidth of the masker.

Alumni Notes:

BUNNY FOSTER (M.A., 1968) has accepted a position as a preschool teacher of hard of hearing and deaf children at the University of Kansas at Kansas City. Her duties also include some individual therapy, working with Dr. Diedrich and Dr. Shirley Salmon (Iowa, 1965).

Bunny has been taking classes in behavioral modification at Kansas this summer and is involved in a research project concerning precision teaching of certain meaningful speech units.

MARY MIKESELL (M.A., 1968) and DON PRICE will be married August 24. They will be living in Bozeman, Montana, where Don will be a public school speech clinician.

PATRICIA WILLIAMS (M.A., 1968) will begin work as a speech clinician this September in the Stockton Unified School District, Stockton, California.

SUSAN SEARS (M.A., 1967) plans to marry Robert John Folz, August 10, 1968, in Palmyra, Missouri.

RICHARD CAMPBELL (Ph.D., 1962) has accepted the position of Research Audiologist at the V.A. Hospital, Miami, Florida.

Graduating Students:

MARGARET EVANS has accepted a position with Dr. Williams for the fall as a clinical associate working on the stuttering research grant.

MARY LOU STARKWEATHER has accepted a position as a speech clinician with the Fresno, California, public schools.

GERRI KAHN plans to remain at Iowa to continue work on her Ph.D. in Psychoacoustics.

B.S. Degrees

Cheryl L. Bouma

Sammi L. Grossman

"If anybody wants to clap...now is the time to do it."

----A.A. Milne

The House at Pooh Corner

Changes in Departmental Requirements and Course Offerings:

A number of changes in departmental requirements and course offerings have been made during the past year, most of which will not appear in the new catalogues. The changes are summarized below for ease of reference in planning schedules for the coming year.

HEARING:

<u>Course</u>	<u>Term</u>	<u>First Offered</u>	<u>Semester Hours</u>
Fundamentals of Laboratory Instrumentation	Fall	1968	3
Advanced Laboratory Instrumentation	Fall	1969	3
Seminar: Clinical Audiology	Fall	1969	2
Seminar: Experimental Audiology	Spring	1969	2
Advanced Audiometry	Spring	1969	4
Hearing Aids	Summer	1969	3
The Pathological Auditory System	Fall	1969	3

1. Fundamentals of Laboratory Instrumentation (3:220) should be spread over two semesters and thus the material offered in Elements of Applied Electronics (55:100) can be presented more meaningful within the context of our own department. Both courses will be offered in the fall semester. The first

course (3 s.h.) will be designed to replace the present requirement of 55:100 for all audiology majors and to provide background material for the student who will be taking Advanced Audiometry and/or Psychoacoustics during the following semester. The second semester course (3 s.h.) will then permit a more detailed coverage of certain topics that now are being slighted (e.g. magnetic tape recording and reproducing, operational amplifiers, physiological transducers, etc.)

2. A seminar in some area of hearing should be available every semester. To meet this need:
 - A. A seminar in Clinical Audiology will be offered every fall and
 - B. A seminar in Experimental Audiology will be offered in the spring. This seminar will alternate with Signal Analysis. The seminar in Experimental Audiology will replace the present seminar: Diagnostic Audiology (3:527).
3. Advanced Audiometry (3:241) will be moved to the spring semester. As it now stands, incoming students who do not have knowledge of the material taught in Introduction to Hearing Science (3:113) must wait a full year to take Advanced Audiometry. The section on hearing aids in this course will be dropped.
4. Hearing Aids (3:243) A new course to cover the area of hearing aids. It will be taught jointly by Lilly and Anderson. This will be a 3 s.h. course to be offered every summer. One semester hour will involve a laboratory/practicum. In general, Lilly will handle most of the classroom teaching and Anderson will handle the practicum on hearing-aid evaluation and as many lectures as he might need. Further, we believe that this course will be attractive to, and useful for, the professional worker who is attempting to increase his training during the summer session.
5. The Pathological Auditory System (3:257) will be moved from the summer session to the fall semester.
6. These changes will add only 3 s.h. (3:243 Hearing Aids) to the requirements for audiology majors. Hearing Clinician majors are encouraged to elect the course in Hearing Aids.

LANGUAGE:

1. General Linguistics (103:100) added as an undergraduate requirement to replace Introduction to Psycholinguistics requirement.
2. Development of Verbal Communication (3:114) will remain an undergraduate requirement but with General Linguistics as a prerequisite. Graduate students desiring to take the course may substitute Introduction to Graduate Study in Linguistics (103:200) as the prerequisite.
3. Neural Processes of Speech and Language will carry the new course number (3:118). This course will remain an M.A. requirement, but should be worked into the undergraduate program if possible.
4. Introduction to Psycholinguistics to become a graduate course and is recommended for all graduate students who can work the additional hours into their M.A.

programs. The prerequisite for the course is General Linguistics or Introduction to Graduate Study in Linguistics.

5. Seminar: Children's Language Development a new course to be offered during the fall and spring semesters. This course will be an extension of Development of Verbal Communication providing for more intensive training (through individual projects) in child language analysis. Individual projects may focus upon either normal or abnormal development. Can be repeated both semesters.

PRACTICUM REQUIREMENT:

Ten hours of practicum registration is no longer required for an M.A. degree, only enough to meet ASHA certification.

"You find sometimes that a Thing which seemed very Thingish inside you is quite different when it gets out into the open and has other people looking at it."

---A.A. Milne

The House at Pooh Corner

H A P P Y

V A C A T I O N ! ! !

NEWSLETTER

Department of Speech Pathology and Audiology • The University of Iowa • Summer 1988

NOTE FROM THE CHAIR

Every year there are a number of changes in our faculty and staff. We lose some excellent people to retirement or new opportunities. We hire new faculty and staff. Faculty members develop new interests, new research thrusts, and even new courses. This year has been no exception—our faculty and staff continue to develop.

In July 1988, we were joined by Assistant Professor Patricia Zebrowski. She completed her Ph.D. at Syracuse University in 1987. Professor Zebrowski specializes in the area of stuttering. Dean Williams, who officially retired on February 1, 1987, taught the undergraduate stuttering course in fall semester 1987. We thank Professor Williams for teaching it one more time.

In the last newsletter, it was announced that Julia Davis had taken a position as dean of the College of Social and Behavioral Sciences at the University of South Florida in Tampa. We have recently hired Ruth Bentler, who specializes in hearing aids, to fill out our audiology faculty. She completed her Ph.D. in the fall of 1987 at The University of Iowa and has been a professional staff member with us for ten years.

Late last spring, Kenneth Moll announced that he plans to leave his position as associate vice president of academic affairs. He will begin a one-year developmental assignment in June 1989 and then join the faculty of this department. We are all looking forward to his return.

In fall 1987, Bruce Tomblin was on a developmental assignment working on a new research program involving genetic assessment of language disorders. Chaslav Pavlovic is spending a year at the Institut De Phonetique in Aix-en-Provence, France, involved in collaborative research in speech perception. Charles Anderson was on a developmental assignment in spring 1988 to write an audiology textbook. Erich Luschei

Continued on page 2



SUMMER RESIDENTIAL PROGRAM

In 1946 Wendell Johnson started the Summer Residential Program (SRP) to provide stuttering therapy for out-of-town children during the summer. The first children were housed in foster homes while receiving speech services in the department's training clinic. Over the years, SRP has moved from foster homes to a rented fraternity house to the current use of a University residence hall. In the 1960s, the College of Education's reading program joined SRP, and since then the program has served children whose communication disorders include problems of speech, language, hearing, and reading.

Now in its forty-second year, SRP typically serves about 30 children, who live on campus for six weeks each summer. Although children between 7 and 16 years old are included in the program, the majority of the participants are between the ages of 8

and 12. Most of the children are from Iowa, but each year SRP also serves children from other states. In recent years, participants have included children from Arizona and Alaska, as well as from Canada. Most children are scheduled for four to five hours of therapy per day in the clinic. In addition, the residence hall staff provide specialized programs for social skills and self-image development.

During the past few years, several new programs have been added to SRP. For example, faculty and staff have developed a communication strategies program in the aural rehabilitation practicum, and hearing-impaired children have received specialized music training from School of Music faculty and students. The residence hall staff have developed sexual abuse awareness programs for the children.

Continued on page 6



Note from the Chair *continued from page 1*

plans a developmental assignment in fall 1988 to refine laboratory techniques for intracellular recording.

In December 1987, we were joined by Jerald B. Moon, research scientist and adjunct assistant professor. He has B.A. and M.S. degrees from the University of Western Ontario and a Ph.D. from Purdue University. Professor Moon spent two years as a research scientist on the Cleft Palate Program Project in the Department of Otolaryngology—Head and Neck Surgery and then left for one year to work at Thames Valley Children's Center in London, Ontario, before returning to The University of Iowa. He is working with Jerry Zimmermann, Carolyn Brown, and me on the research project, "Studies of Speech Articulation." In the spring of 1988, Professor Moon taught our undergraduate speech science course.

Our plans for future faculty development include a search, to be announced and conducted in the coming year, for a new faculty member specializing in voice disorders. Although our highest priority is to find a good teacher and clinician with potential as a clinical researcher, we are hoping to find someone who also has an interest in voice disorders of professional singers and speakers.

The department continues to enroll excellent students in our

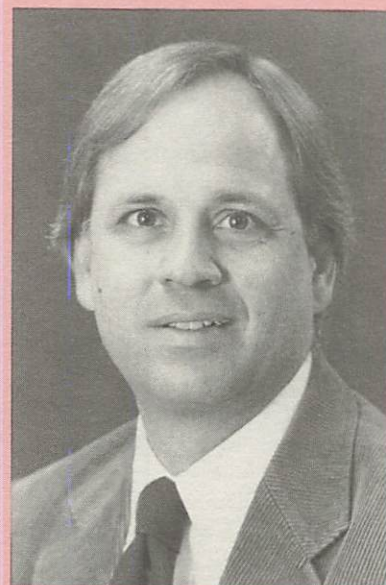
bachelor's, master's, and doctoral degree programs. This year we have had four graduate students or postdoctoral students on professional improvement status (meaning they are not working for a degree). Our foreign graduate students this year have come from Canada, Egypt, West Germany, Japan, New Zealand, the People's Republic of China, and Taiwan. We presently have three training grants from the U.S. Department of Education that allow us to offer stipends to recruit some of the very best students in this country.

Although the state of Iowa was hit hard by the rural/farm crisis during the 1980s, the University has received increments for faculty salaries that are above the rate of inflation for the last two years. Unfortunately, there are still a number of areas in which state support has fallen behind. Salary increments for professional and scientific staff have been smaller than comparable faculty salary increments, and our expense budgets supported by the University have not increased in recent years.

The University is now experiencing a hiring freeze; however, we are all hopeful that University support will improve. In some cases faculty members have been able to compete for grant support to allow us to develop innovative programs; however, in

many areas, such as support for student research projects or remodeling of the room used for our preschool for children with communication disorders, there is no University or grant money for which to compete. We are thankful for the donations we have received to help pay for some activities in the past, and we hope to be able to support more such activities in the future.

John W. Folkins



SPECIAL FUNDS

The James F. Curtis Fund supports research and travel by graduate students in the department. The Dorothy Sherman Student Aid Fund is used to cover some of the expenses incurred by students doing honors theses. We also have special projects, such as our Center for Assistive Devices for the Hearing Impaired, the Summer Residential Program, and the Communication Disorders Preschool. Anyone is free to contribute to these special funds or to make a contribution to the general department fund. Contributions to the general fund can be open or designated for a specific program.

COMMUNICATION DISORDERS CLASSROOM

The second floor of the Wendell Johnson Speech and Hearing Center was alive with the sounds of preschoolers four mornings per week for the 1987-88 school year. Funded through the Grant Wood Area Education Agency as a classroom for preschool-age children with severe communication disorders, speech-language clinicians Ann Baumann and Sandy Show worked with a classroom population of up to ten children enrolled at one time. Several graduate students participated in supervised clinical practicums with some of the preschoolers, gaining valuable experiences with management of phonological disorders and developmental language disorders.

This year, in addition to the classroom project, a grant from the Iowa Department of Public Instruction was given to the Grant Wood Area Education Agency to fund a research component. Data are being collected in an attempt to demonstrate that the communication disorders classroom provides a more appropriate service delivery model to the severely communication-impaired preschooler than the three other service types currently available in the AEA. This longitudinal study will follow the current classroom participants through the third grade. Professor Amy Weiss is serving as research coordinator; two part-time research assistants are responsible for data gathering from the 84 young subjects.

HONORS STUDENTS

In May 1988, 12 students received B.S. degrees with honors from the Department of Speech Pathology and Audiology. To receive honors, a student must qualify for the College of Liberal Arts Honors Program, enroll in the department's fall semester honors seminar, and do an honors thesis during the spring semester of the senior year. The following is a list of the students, their honors thesis title, and their adviser's name:

Brenda Bergman, "Effects of Cochlear Implant Use on Vowel Production and Perception" (Charissa Lansing and John Folkins)

Cathy Condon, "Deafness and Abstract Thought" (Bob Schum)

Kim Hiddleston, "Parent-Child Interaction with Hearing Impaired and Normal Children" (Bob Schum)

Linda Hug, "Neurological Correlates to Auditory Patterns in Humans" (Don Robin and Paul Abbas)

Andrea Jurrens, "Perception and Production of Sentence Focus in Speech and Language Disorders" (Penny Hall and Don Robin)

Sandy Kock, "A Retrospective Study of Speech and Language Abilities of Children with Phenylketonuria" (Chuck Felling)

Kristin Lodge, "Beginning Signers' Self-Assessment of Sign Language Skills" (Jill Elfenbein)

Kim Niday, "Auditory Training with Visual Barriers—Does It Affect Auditory Cues?" (Jill Elfenbein)

Becky Pichik, "Picture Abstraction Level Identified by Nonhandicapped Children" (Jim Hardy, Joyce Munson-Davis, and Carol Nordquist)

Joni Saupe, "Test/Retest Reliability of the Context Sentence Test" (Nancy Tye-Murray and Rich Tyler)

Diane Weingart, "The Clinical Relevance of Spontaneous Language Samples Elicited in the Home and in the Clinic" (Amy Weiss)

Molly Woodruff, "A Study of the Presence of Variability in Developmental Apraxia of Speech" (Penny Hall)

REMODELING OF AUDIOLOGIC TESTING AREA

Room 101, the audiologic testing area, was remodeled during the spring semester. The area was made fully accessible to wheelchairs. The floor outside the test booths was raised several inches to make it level with the floor inside the booths. One of the four test booths was moved out of the area to make more space to counsel clients,

demonstrate assistive devices, and meet with groups.

The test booth that was moved was put in a laboratory being developed by Professor Jill Elfenbein. Her laboratory will be used for psychoacoustic studies involving children as well as many projects on the habilitation of deaf and hard-of-hearing children.

DEPARTMENTAL NSSLHA CHAPTER

The 1987-88 school year has been one of increased participation and enthusiasm for The University of Iowa chapter of the National Student Speech Language Hearing Association. Throughout the year, workshops pertaining to résumé writing, interviewing for jobs, and state licensing were held at the WJSHC. A committee of undergraduate members constructed an informational handbook for undergraduate students. Special events included faculty/student lunches in the student lounge; a Christmas party with Santa Claus; purchase of a microwave oven for the student lounge, funded by sweatshirt sales; and the "End of the Year Bash" held at a local pizza parlor. The following are among the awards presented at the "Bash":

NSSLHA Student of the Year—Mary

Copper (chosen by faculty from nominations submitted by students)

Faculty/Staff Member of the Year—Bob Schum (chosen by students)

Participation at these events by faculty, staff, and students was greatly appreciated.

Officers for the 1987-88 school year
President: Ann Kearney and Karalee Emrich
Secretary: Mia Mueller
Treasurer: Jennie Kloberdanz
Education: Julie Zahner
Faculty/Student Relations: Mary Copper
At Large: Linda Hug
Workshop: Jodi Nelson

Officers for the 1988-89 school year
President: Karalee Emrich and
Brenda Bergman
Secretary: Deanna Distelhorst
Treasurer: Mia Mueller
Education: Deanne Riess
Workshop: Linda Hug
Undergraduate Chair: Cathy Bunker

AWARDS, HONORS, AND ELECTIONS

In the fall of 1987, the department's third annual Distinguished Alumni Award was given to Charles Van Riper. At the age of 82, Van Riper does not travel very much and so was unable to be with us to honor him. He wrote a letter that was read by Dean Williams at a seminar meeting in his honor. Professor Williams talked about personal memories from his 50 years of friendship with Van Riper.

James C. Hardy was selected by the Iowa Speech-Language-Hearing Association as a 1987 nominee for the Louis DeCarlo Award from the American Speech-Language-Hearing Association. This award is based on a lifetime of outstanding clinical achievement. Hardy was recognized for work with developmental disabilities, management of palatal dysfunction with palatal lift prostheses, and development of the Rehabilitation Engineering Department in the Division of Developmental Disabilities.

Linda Jordan has been elected president of the Iowa Speech-Language-Hearing Association for 1988-90. Betty Merrifield serves as ISHA's executive secretary.

J. Bruce Tomblin was selected as a fellow of ASHA. The announcement was made at the November 1987 ASHA convention in New Orleans. Fellows are recognized for making important contributions to the profession in at least three of the following areas: clinical service, academic teaching, research and publications, administration, service to ASHA, and service to state or local speech-language-hearing associations.

- TYLER, R. S.** (July 1987). "Psychophysics of cochlear implants." Gordon Research Conference, New London, New Hampshire.
- MORRIS, H. L.** (August 1987). "Craniofacial anomalies." Fourth Internationales Hamburg Symposium, Kraniofaziale Anomalien und Lippen-Kiefer-Gaumenspaltern, Hamburg, West Germany.
- MORRIS, H. L.** (August 1987). "Cleft of lip, alveolus, and palate." Fourth Internationales Hamburg Symposium, Kraniofaziale Anomalien und Lippen-Kiefer-Gaumenspaltern, Hamburg, West Germany.
- ROBIN, D. A.** (August 1987). "Prosodic deficits in patients with lesions of the central nervous system." Seminar, Rehabilitation Center, Emanuel Hospital, Portland, Oregon.
- SCHUM, R. L.** (August 1987). "Psychological development of hearing-impaired children: The early years." Parent-Infant Institute, Iowa Department of Education, Council Bluffs.
- SCHUM, R. L.** (August 1987). "Growing up hearing-impaired: The hows and whys of social development." Arkansas Children's Hospital, Little Rock, Arkansas.
- VAN DEMARK, D. R.; Hotz, M.; Gnoinski, W.; and Nussbaumer, H.** (August 1987). "The Zurich study: Speech evaluation." Fourth Internationales Hamburg Symposium, Kraniofaziale Anomalien und Lippen-Kiefer-Gaumenspaltern, Hamburg, West Germany.
- ANDERSON, C. V.** (September 1987). "Types of hearing loss." Lecture, Hawkeye Chapter, Self Help for Hard of Hearing People, Inc., Iowa City.
- ANDERSON, C. V. and ROBIN, D. A.** (September 1987). "Communication with elderly who have speech, language, and hearing problems." Workshop, Health Care Continuing Education, Northern Iowa Technical Institute, Calmar.
- MOON, J.** (September 1987). "Application of instrumentation to the diagnosis and treatment of velopharyngeal and laryngeal disorders." Ontario Association of Speech-Language Pathologists and Audiologists, Toronto, Canada.
- MOON, J.** (September 1987). "Surgical and surgical-prosthetic approaches to voice restoration after total laryngectomy." Ontario Association of Speech-Language Pathologists and Audiologists, Toronto, Canada.
- TYLER, R. S.** (September 1987). "Evaluation of cochlear implant patients." British Society of Audiology, Birmingham, United Kingdom.
- FOLKINS, J. W.** (October 1987). "Some general perspectives from speech motor control." International Conference on Multidisciplinary Management of the Unilateral Cleft Lip and Palate, The University of Iowa, Iowa City.
- HALL, P.** (October 1987). "Developing guidelines for test selection in speech and language." Iowa Speech-Language and Hearing Association, Des Moines.
- PERLMAN, A. L.** (October 1987). "Indirect and direct treatment for dysphagia." Workshop, Evaluation and Treatment of Dysphagia, sponsored by American Speech-Language-Hearing Association, Chicago, Illinois.
- ROBIN, D. A.** (October 1987). "Subcortical lesions and aphasia." Iowa Speech-Language and Hearing Association, Des Moines.
- ROBIN, D. A.; Tranel, D.; and Damasio, H.** (October 1987). "Deficits in temporal and spectral perception following focal cerebral damage." Academy of Aphasia, Phoenix, Arizona.
- SCHUM, R. L.** (October 1987). "Counseling parents of communication-impaired children." Area Education Agency 7, Cedar Falls.
- TOMBLIN, J. B.** (October 1987). "Predicting language disorders in young children." Iowa Speech-Language and Hearing Association, Des Moines.
- TOMBLIN, J. B.; Beisler, J.; HALL, P. K.; ELFENBEIN, J. A.; and Tye-Murray, N.** (October 1987). "Guidelines for assessment instruments in language." Iowa Speech-Language and Hearing Association, Des Moines.
- VAN DEMARK, D. R.; Perko, M.; and Gnoinski, W.** (October 1987). "Two-stage cleft palate repair in unilateral cleft lip and palate." International Conference on Multidisciplinary Management of the Unilateral Cleft Lip and Palate, The University of Iowa, Iowa City.
- WEISS, A.** (October 1987). "Informal assessment." Iowa Speech-Language and Hearing Association, Des Moines.
- ANDERSON, C. V.** (November 1987). "Types of hearing loss." Lecture, Quad Cities Chapter, Self Help for Hard of Hearing People, Inc., Moline, Illinois.
- ANDERSON, C. V.** (November 1987). "Assistive listening devices for the hearing impaired." Lecture, Hawkeye Chapter, Self Help for Hard of Hearing People, Inc., Iowa City.
- BEAN, C.; FOLKINS, J. W.; and Cooper, W. E.** (November 1987). "Effects of stress on passage comprehension." American Speech-Language-Hearing Association, New Orleans, Louisiana.
- BENTLER, R. A. and CHIN, M.** (November 1987). "External ear resonance characteristics in children." American Speech-Language-Hearing Association, New Orleans, Louisiana.
- ELFENBEIN, J.; Lansing, C.; Davis, J.; and KALLAUS-GAY, A.** (November 1987). "Communication strategies of adults with acquired hearing losses." American Speech-Language-Hearing Association, New Orleans, Louisiana.
- Abbs, J. H. (chair); Netsell, R. W.; FOLKINS, J. W.; Baer, T.; and Conture, E. G.** (November 1987). "Instrumental analyses of speech production. II. Application to disorders." Double miniseminar, American Speech-Language-Hearing Association, New Orleans, Louisiana.
- Jackson, M. F. and HALL, P. K.** (November 1987). "A longitudinal study of articulation characteristics in developmental verbal apraxia." American Speech-Language-Hearing Association, New Orleans, Louisiana.
- Rizzo, M. and HURTIG, R. R.** (November 1987). "Can Markov analysis provide an index of human information processing during visual scanning?" Society for Neuroscience, New Orleans, Louisiana.
- KAHN, G.** (November 1987). "Potentially ototoxic drugs in neonates: Subsequent effect on hearing." American Speech-Language-Hearing Association, New Orleans, Louisiana.
- Leeper, H. A.; Colcleugh, R.; and MOON, J.** (November 1987). "Oral port constriction and articulation of maxillary-mandibular osteotomy patients." American Speech-Language-Hearing Association, New Orleans, Louisiana.
- PERLMAN, A. L. and ALIPOUR-HAGHIGHI, F.** (November 1987). "Twitch contractions of laryngeal muscles." American Speech-Language-Hearing Association, New Orleans, Louisiana.
- ROBIN, D. A.; HALL, P. K.; and JORDAN, L. S.** (November 1987). "Prosodic impairment in developmental verbal apraxia." American Speech-Language-Hearing Association, New Orleans, Louisiana.

ROBIN, D. A.; BEAN, C.;
FOLKINS, J. W.; and Rizzo, M. (November 1987). "Velocity of lip movement in apraxia of speech." American Speech-Language-Hearing Association, New Orleans, Louisiana.

TITZE, I. R. (November 1987). "Physiology of the female larynx." Acoustical Society of America, Miami, Florida.

Linville, R. N. (chair); Kuehn, D. P.; Karnell, M. P.; TITZE, I. R.; Warren, D. W.; SCHERER, R. C.; FOLKINS, J. W.; Netsell, R.; JONES, D. L.; and MORRIS, H. L. (November 1987).

"Contemporary issues in velopharyngeal research." Double miniseminar, American Speech-Language-Hearing Association, New Orleans, Louisiana.

TOMBLIN, J. B. (November 1987). "Theoretical issues in language screening." American Academy of Pediatrics, New Orleans, Louisiana.

TYLER, R. S. (November 1987). "Noise suppression hearing aids." American Speech-Language-Hearing Association, New Orleans, Louisiana.

Hardin, M. A. and VAN DEMARK, D. R. (November 1987). "Assessment of velopharyngeal competence: A long term process." American Speech-Language-Hearing Association, New Orleans, Louisiana.

WEISS, A.; Johnson, C.; and Carney, A. (November 1987). "Syntactic skill and narrative abilities of hearing-impaired adolescents." American Speech-Language-Hearing Association, New Orleans, Louisiana.

WEISS, A. (November 1987). "Language assessment for intervention decisions." Workshop for speech-language pathology personnel, Grant Wood Area Education Agency, Cedar Rapids.

ANDERSON, C. V.; BENTLER, R. A.; and ELFENBEIN, J. L. (December 1987). "Issues related to hearing disorders." Workshop, Iowa Division of Vocational Rehabilitation, Iowa City.

MORRIS, H. L. (December 1987). "Cleft palate and speech production: Some clinical hypotheses revisited." University of Pittsburgh, Pittsburgh, Pennsylvania.

MORRIS, H. L. (December 1987). "Issues in graduate education for speech-language pathology and audiology." University of Pittsburgh, Pittsburgh, Pennsylvania.

SCHUM, R. L. (December 1987). "Psychological testing with the communication-impaired." Southeast Minnesota Educational Cooperative Service Unit, Rochester, Minnesota.

SCHUM, R. L. (December 1987). "Assessment of children 0-5 years." Presenter and coordinator, workshop for school psychologists and speech-language pathologists (sponsored by Department of Education), Area Education Agency 14, Creston.

ANDERSON, C. V. (January 1988). "The effects of hearing loss on older adults." Workshop, Senior Citizens Peer Counseling Program, Iowa City.

ELFENBEIN, J. (January 1988). "Cochlear implants." Twin Tiers Rehabilitation Center of St. Joseph's Hospital, Elmira, New York.

ABBAS, P. J. and BROWN, C. J. (February 1988). "Electrically evoked brainstem potentials in cochlear implant patients with multi-electrode stimulation." Association for Research in Otolaryngology, Clearwater Beach, Florida.

PHILIPPBAR, S. A.; ROBIN, D. A.; and LUSCHEI, E. S. (February 1988). "Limb, jaw, and vocal tremor in patients with Parkinson's disease." Clinical Dysarthria Conference, San Diego, California.

PERLMAN, A. L. (February 1988). "Diagnosis of swallowing disorders." Ball State University, Muncie, Indiana.

PERLMAN, A. L. (March 1988). "Treatment of swallowing disorders." Ball State University, Muncie, Indiana.

TITZE, I. R. (February 1988). "Update on high quality speech synthesis." Invited lecture, U.S. West Advanced Technologies, Denver, Colorado.

ALIPOUR-HAGHIGHI, F. and TITZE, I. R. (March 1988). "A finite element simulation of vocal fold vibration." Fourteenth Northeast Bioengineering Conference, University of New Hampshire, Durham, New Hampshire.

ELFENBEIN, J. and COPPER, M. (March 1988). "Assistive listening devices." Parent meeting sponsored by the State Department of Education, Amana.

ELFENBEIN, J. and Gfeller, K. (March 1988). "Use of music and creative dramatics in aural rehabilitation." State Conference on Innovative Practices in Special Education, Cedar Rapids.

FOLKINS, J. W. (March 1988). "Attracting the most promising students to biomedical research: With special reference to communication disorders." The National Institutes of Health, Meeting of the Advisory Committee to the Director of NIH, "Health of Biomedical Research Institutions," Evanston, Illinois.

HALL, P. and JORDAN, L. S. (March 1988). "Developmental verbal apraxia: Remediation." Clinical Speech and Language Services, Area Education Agency 9, Bettendorf.

KAHN, G. (March 1988). "Early identification—commitment or lip service?" Seminar, Quad Cities Speech-Language-Hearing Association, Bettendorf.

Fryauf-Bertchy, H.; KALLAUS-GAY, A.; NIEBUHR, D.; and TYLER, R. (March 1988). "The future is now: New options for Iowa's deaf children." Workshop, Department of Public Instruction/Iowa Special Education Spring Conference, Cedar Rapids.

MOON, J.; Stemple, J.; and Maniglia, A. (March 1988). "Assessment and management of voice disorders: Clinical advances." Workshop, Cleveland Hearing and Speech Center, Cleveland, Ohio.

SCHUM, R. L. (March 1988). "Delivering sensitive information." Parent-Educator Connection Conference, Iowa Department of Education, Des Moines.

SCHUM, R. L. (March 1988). "Counseling the communication-disordered and their families." Workshop, Chapter of National Student Speech-Language-Hearing Association, University of Nebraska, Lincoln, Nebraska.

SCHUM, R. L. (March 1988). "Self-esteem and the deaf child." Iowa Department of Education, Amana.

SCHUM, R. L. (March 1988). "Communication and social growth: A developmental model of deaf social behavior." Council for Exceptional Children, Washington, D.C.

SMALL, A. M. (March 1988). "A temporal analog of the critical band." Lecture, University of Illinois, Champaign-Urbana, Illinois.

ANDERSON, C. V. (April 1988). "The impact of hearing loss upon life style." Lecture, Iowa State University Handicap Awareness Days, Ames.

ANDERSON, C. V. (April 1988). "Facing up to hearing loss." Workshop for the public, Iowa City/Johnson County Senior Citizens Center, Iowa City.

MOON, J. (April 1988). "An inexpensive mask for the detection of nasal airflow." American Cleft Palate Association, Williamsburg, Virginia.

TYLER, R. S.; Iler-Kirk, K.; and Tye-Murray, N. (April 1988). "Simultaneous and forward masking patterns of a formant transition." Eighth International Symposium on Hearing, Paterswolde, The Netherlands.

VAN DEMARK, D. R.; Hotz, M.; Perko, M.; and Nussbaumer, H. (April 1988). "Long-term speech results of the Zurich two-stage palate repair." American Cleft Palate Association, Williamsburg, Virginia.

BENTLER, R. A. (May 1988). "Clinical application of probe tube technology." Workshop, New Jersey Speech-Language-Hearing Association, Cherry Hill, New Jersey.

HALL, P. K. and JORDAN, L. S. (May 1988). "Developmental apraxia of speech: New ways of thinking about this clinical dilemma." Workshop, Clinical Speech and Language Services, Area Education Agency 9, Bettendorf.

HARDY, J. C. (May 1988). "Management of dysarthria." Workshop for speech-language clinicians, Mountainbrook Research and Education, Inc., Gatlinburg, Tennessee.

Nerad, J. A.; HURTIG, R. R.; Stamler, J. F.; and Bulgarelli, D. (May 1988). "Parameters of ocular motility with ocular prostheses." Association for Research in Vision and Ophthalmology, Sarasota, Florida.

ROBIN, D. A. (May 1988). "Disorders of speech production and prosody in children with neurofibromatosis." National Neurofibromatosis Society, New York, New York.

VAN DEMARK, D. R.; Hardin, M.; and MORRIS, H. L. (May 1988). "Assessment of velopharyngeal competency: A long-term process." Second International Symposium on Feeding and Dento-facial Development, Chicago, Illinois.

BENTLER, R. A. and PAVLOVIC, C. V. (June 1988). "Comparison of discomfort levels obtained with puretones and multitone complexes." Nineteenth International Congress of Audiology, Jerusalem, Israel.

ANDERSON, C. V.; BENTLER, R. A.; and ELFENBEIN, J. L. (June 1988). "Issues related to hearing disorders." Workshop, Iowa Division of Vocational Rehabilitation, Iowa City.

LUSCHEI, E. S. (June 1988). "A search for the role of jaw muscle spindles in the production and control of voluntary jaw movements." Seventeenth Annual Symposium: Care of the Professional Voice, sponsored by the Voice Foundation, New York, New York.

PAVLOVIC, C. W. (June 1988). "Clinical assessment of hearing aid benefit to speech intelligibility." Nineteenth International Congress of Audiology, Jerusalem, Israel.

ROBIN, D. A.; Rizzo, M.; and BROBECK, T. C. (June 1988). "The effect of focal cerebral lesions on intramodal and crossmodal orienting of attention." Clinical Aphasiology Conference, Harwich Port, Massachusetts.

Rizzo, M. and ROBIN, D. A. (June 1988). "Evidence for a cerebral attention network from automated probes of human lesions." European Neurologic Society, France.

TITZE, I. R. (June 1988). "The science of voice production." Three-day course, Westminster College, Princeton, New Jersey.

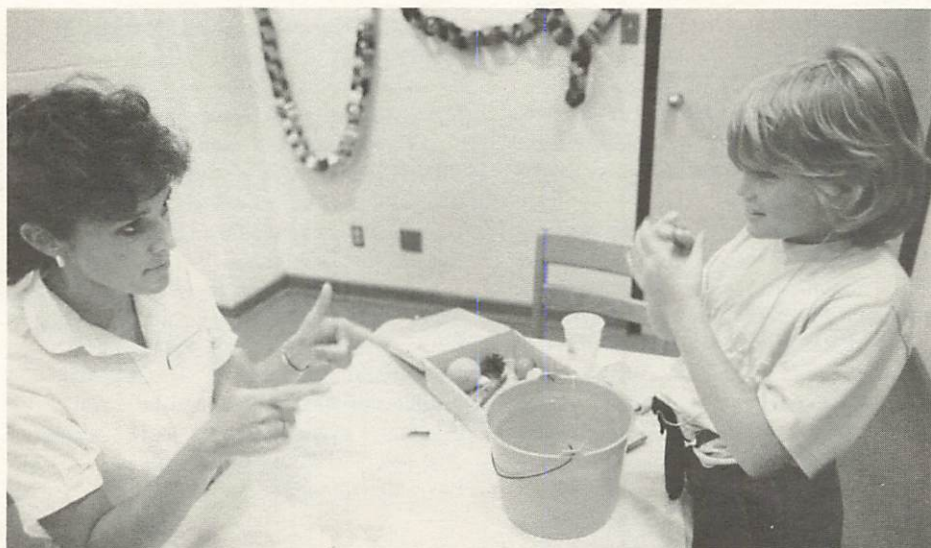
TYLER, R. S. (June 1988). "Speech perception with cochlear implant." Nineteenth International Congress of Audiology, Jerusalem, Israel.

TYLER, R. S.; Tye-Murray, N.; and Lansing, C. (June 1988). "Training the ear to listen: Comparison of a reduced feature, amplified feature, and natural speech approach." Summer Institute, Academy of Rehabilitative Audiology, Winter Park, Colorado.

Summer Residential Program *continued from page 1*

SRP continues to be a major component of practicum training for the graduate students in speech-language pathology and audiology. In addition, a number of faculty and graduate students have used SRP children and activities as a base for clinical research projects. Because of the unique nature of the program and the children, SRP has been a rich source of ideas and opportunities for clinical research.

Tuition for SRP is \$885 for each child. Because there are always some children whose families need assistance to send their children to SRP, donations for SRP scholarships are welcome. We would like to thank those of you who have contributed to scholarships in the past.



GRANT SUPPORT

Paul J. Abbas and Richard S. Tyler: National Institute of Neurological and Communicative Disorders and Stroke (Program Project administered through Department of Otolaryngology—Head and Neck Surgery; B. Gantz, Principal Investigator), “Iowa Cochlear Implant Project.”

Jill L. Elfenbein: Junior Faculty Seed Grant, “Developmental Patterns of Duration Discrimination.”

John W. Folkins: U.S. Department of Education, “Doctoral Training in the Management of Hearing Impaired and Language Disordered Children.”

John W. Folkins and Charles V.

Anderson: U.S. Department of Education, “Training of Professional Personnel in Speech-Language Pathology and Audiology.”

John W. Folkins, Robert L. Schum, and Charles V. Anderson: U.S. Department of Education, “Training of Professional Personnel for Counseling with Communication-Impaired Children and Their Families.”

John W. Folkins, Gerald N.

Zimmermann, Carolyn J. Brown, and Jerald B. Moon: National Institute of Neurological and Communicative Disorders and Stroke, “Studies of Speech Articulation.”

James C. Hardy and Herman A. Hein (Pediatrics), Codirectors; also includes **J. Bruce Tomblin:** Robert Wood Johnson Foundation (administered through University Hospital School), “Identification of and Services for Communication Disorders in Infancy.”

Richard R. Hurtig, Donald A. Robin, and Linda Jordan: National Institute of Neurological and Communicative Disorders and Stroke (administered through Department of Neurology; A. Damasio, Principal Investigator), “Anatomical Substrates of Complex Behavior.”

Richard R. Hurtig: University of Sertoma, “Development of a Spectral Compression Circuit for Vibrotactile Aids.”

Erich S. Luschei: National Institute of Dental Research, “Central Projection of MES V Afferents.”

Hughlett L. Morris, Principal Investigator; also includes **Duane R. Van Demark, John W. Folkins, and David L. Jones:** National Institute of Dental Research (Program Project administered through Department of Otolaryngology—Head and Neck Surgery), “Growth, Surgical, and Speech Aspects of Cleft Palate.”

Ingo R. Titze and Fariborz Alipour-Haghighi: National Institute of Neurological and Communication Disorders and Stroke, “Nonintrusive Techniques to Evaluate Phonatory Function.”

Richard S. Tyler: Collaborative Research Grants Programme, NATO, “International Test Battery for Cochlear Implant Patients.”

Richard S. Tyler (with Nancy-Tye Murray and Charissa Lansing): Deafness Research Foundation, “Development of Computer-Based Auditory Training Materials.”

1987 GRADUATES

B.A./B.S.

Hertha S. Arends (Manchester)
Christine A. Balla (St. Charles, Illinois)
Carol L. Block (Morton Grove, Illinois)
Shelli R. Bryant (Columbia, Maryland)
Jodi L. Burrell (Van Horne)
Susan R. Callaway (Iowa City)
Deanne M. Distelhorst (Burlington)
Karalee K. Emrich (Tipton)
Jennifer W. Erickson (Fairbank)
Julie Y. Flack (North Liberty)
Craig M. Foote (Cedar Rapids)
Julia A. Frederick (Freeport, Illinois)
Lora L. Fudge (Newton)
Lona J. Gustafson (Des Moines)
Melissa J. Hanken (Ossian)
Mary K. Herder (Monroe)
Jenny M. Jepson (Coralville)
Sherrie L. Kopecky (Cedar Rapids)
Jane M. LaLonde (Vinton)
Jamie A. Lawler (Flossmoor, Illinois)
Marcia C. McNamara (Iowa City)
Kerrin G. A. McPeck (Batavia, Illinois)
Laura A. Mims (Neenah, Wisconsin)
Mia R. Mueller (Pocahontas)
Marcia L. Oldenburg (Coralville)
Mary A. Osing (Cedar Rapids)
Maria A. Polich (Norwalk)
Amy E. Powell (Wheaton, Illinois)
Brenda J. Rees (Columbus Junction)
Brian K. Rice (Sioux City)
Deanne L. Riess (Blacksburg, Virginia)
Rita K. Schultz (Clutier)
Theresa K. Schwarz (Keokuk)
Lynn R. Siepker (Albert City)
Anju Singh (India)
Felicia A. Sommer (Wilmette, Illinois)
Cynthia K. Swanson (Washington, Illinois)
Jolie M. Youel (Houston, Texas)

Richard S. Tyler (with Nancy-Tye Murray): Easter Seal Foundation, “Development of Laser-Video Audiovisual Training Materials.”

Richard S. Tyler: American Tinnitus Association, “Binaural Phase Effects for the Masking of Tinnitus.”

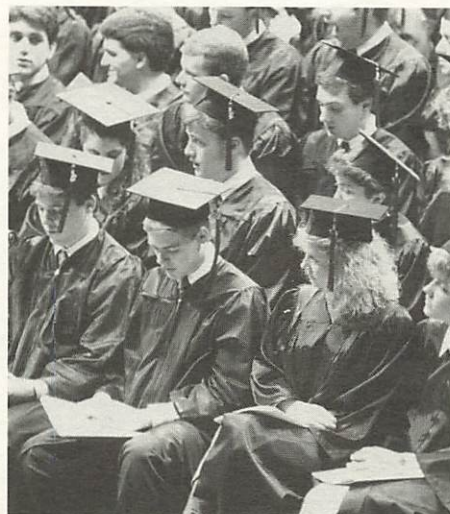
Amy L. Weiss: Iowa Department of Public Instruction/Grant Wood Area Education Agency, “Preschool Language-Impaired Intervention.”

M.A.

Margaret W. Chin (Hong Kong)
Hannah L. Clarke (Dunlap, Illinois)
Lori M. Donovan (Peoria, Illinois)
Julie K. Duisterhof (Kalamazoo, Michigan)
Anne L. Goudreau (Wheaton, Maryland)
Linda S. Hand (New Zealand)
Mary C. Jewell (Dodgeville, Wisconsin)
Alicia M. Killeen (Clinton)
Jane N. Mozena (Vinton)
Kelli S. Murdock (Peoria, Illinois)
Jennifer A. Oeth (Dubuque)
Mary Q. Roane (Moline, Illinois)
Danielle M. Rubino (Mount Prospect, Illinois)
Mary B. Smith (Des Plaines, Illinois)
Danette K. Sokoloski (Minneapolis, Minnesota)
Patricia A. Tillman (Waterloo)
Paula R. Webber (Fort Collins, Colorado)

Ph.D.

Ruth A. S. Bentler (West Point)
Ken M. Bleile (Eugene, Oregon)
David L. Jones (Washington, Pennsylvania)



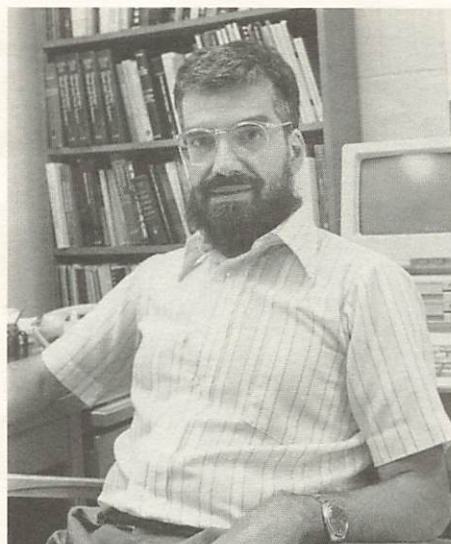
Paul Abbas

Professor Paul Abbas received a B.S. in electrical engineering from MIT in 1969 and a Ph.D. in biomedical engineering from Johns Hopkins University in 1974. He came to The University of Iowa as an assistant professor in 1974.

Professor Abbas has taught courses in instrumentation, anatomy, auditory physiology, introduction to communication processes and disorders, and signal and system theory, as well as giving many lectures in other classes and leading doctoral seminars. In 1986 he received the University's M. L. Huit Award for outstanding teaching and is especially popular with doctoral students. Thirteen dissertations have been completed under his direction, and he is presently directing the dissertations of Carolyn J. Brown, Kathleen C. Campbell, Abdel A. Elshintinawy, Beth Prieve, and Gail A. Takahashi.

Professor Abbas's research is primarily related to physiological response properties of normal and hearing-impaired auditory systems. His studies have included work with single-nerve fiber responses, whole-nerve action potentials, auditory brainstem responses, and cochlear emissions.

His second area of research is electrical stimulation of the auditory system, in particular, the study of cochlear implants. He serves as the director for the section on electrophysiology of The University of Iowa Cochlear Implant Program Project, funded by the National Institutes of Health. In this project, he is studying the electrically evoked auditory brainstem response in cochlear implant patients.



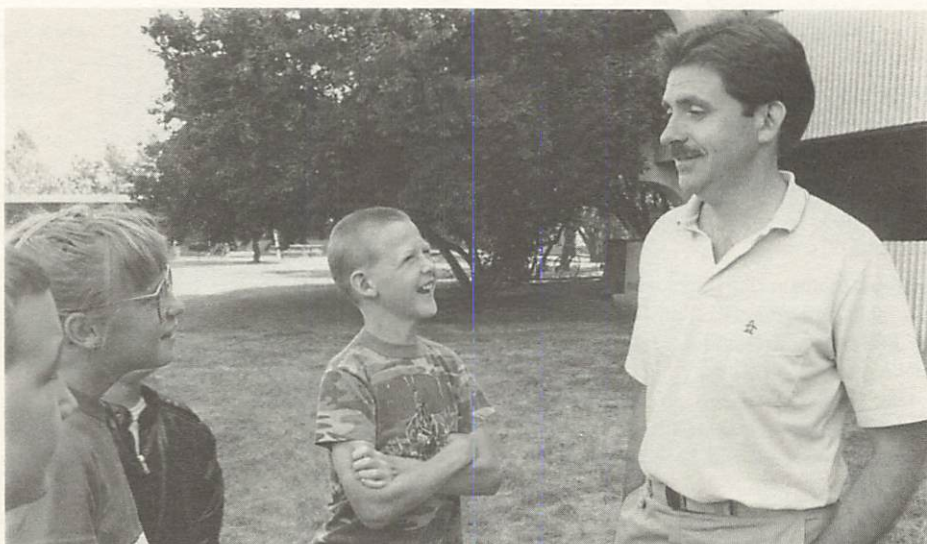
Paul Abbas

Bob Schum

Bob Schum joined the department as a clinical psychologist in August 1977. He has a B.S. with honors in psychology earned at The University of Iowa in 1972. He also was a distance runner for The University of Iowa track team. He received the M.A. in clinical psychology in 1974 and the Ph.D. in clinical psychology in 1983, both from the University of Denver.

Professor Schum became assistant director of the Wendell Johnson Speech and Hearing Clinic in 1979 and director of the Summer Residential Program in 1985. He also holds an appointment in the department as adjunct associate professor. Last spring, while Charlie Anderson was on developmental assignment, he served as acting director of the Wendell Johnson Speech and Hearing Clinic and as a member of the departmental Admissions/Appointments Committee. He also serves on the departmental Awards and Lectureships and Undergraduate Concerns committees and chairs the departmental Human Subjects Review Committee.

Professor Schum teaches a course for both undergraduate and graduate students on counseling and psychological theories as they relate to adjustment and management of communication disorders. He is a coinstructor for diagnostic practicums. He recently published the monograph *Counseling in Speech and Hearing Practice* Clinical Series No. 9, National Student Speech Language Hearing Association (1986), and he played a major role in writing a training grant based on counseling for communication impairment recently funded by the U.S. Department of Education.



Bob Schum and children from the 1988 Summer Residential Program

Professor Schum has a variety of research interests, including psychological development of hearing-impaired children, counseling of parents of communication-impaired children, and psychological assessment of children with communication impairments. Two to four students register for independent research with him each semester. Professor Schum is also a popular speaker and often gives presentations and workshops for local, state, and national groups.

Steve Austin

Steve Austin is a Ph.D. student specializing in voice science and voice disorders. He has a Bachelor of Music degree from Howard Payne University in Brownwood, Texas, with a major in vocal performance. He received a Master of Music degree in vocal performance from North Texas State University in Denton, Texas. He also did graduate work in speech pathology at North Texas before coming to The University of Iowa in 1985.

Steve has taught private voice for many years and has also taught in the Dallas County Junior College System. He has performed leading roles in Broadway musicals, theater, and opera as an amateur, but he also has several professional credits with opera companies through the Southwest. Steve also has performed as a professional chorus member with the Dallas Opera and the Fort Worth Opera and with the Meistersingers of Fort Worth, a professional madrigal group. Steve has toured internationally with various choral groups.

Steve is interested in combining his interest in professional vocal performance and vocal pedagogy with training in voice disorders. Since joining our program, he has taken course work in basic science areas, speech science, computer applications, voice disorders, and a variety of seminars and research registrations. He has served as a teaching assistant for both Fundamentals of Speech Science and Anatomy of Speech and Hearing Mechanisms and has served as research assistant for Paul Abbas and Ingo Titze.

Steve's research interests include the investigation of vocal registers and the acoustics of the vocal tract, as well as the development of efficient training techniques for students of singing. After finishing his degree, Steve plans to combine the teaching of singing and related areas with voice research in an academic environment.

Karalee K. Emrich

Karalee Emrich is an M.A. student in speech-language pathology. She is a native of Tipton and received her bachelor's degree with honors in speech and hearing science from The University of Iowa. While an undergraduate, Karalee studied on a University of Iowa Dean's Scholarship and a UI Scholarship. She was on The University of Iowa President's List three times, The University of Iowa Dean's List six times, the National Dean's List, Phi Eta Sigma, Mortar Board, and the Order of Omega. Karalee was a member of Alpha Chi Omega sorority, and she did volunteer work at The University of Iowa Hospital School and the Johnson

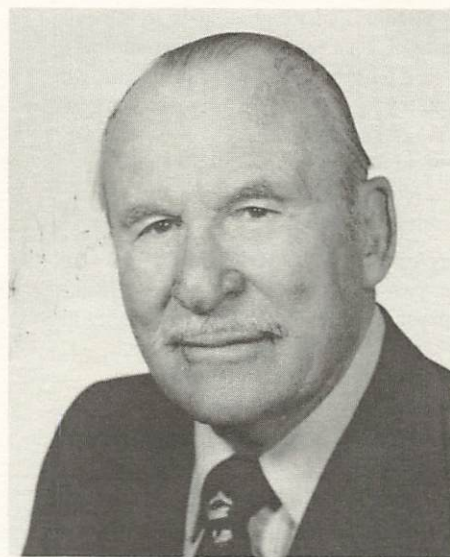
County Care Facility. During the three years that Karalee served as a UI Scholar, she was assigned to work with Professor Richard Hurtig, helping with research related to eye movements and visual recognition in normal and aphasic subjects. Karalee's honors thesis was titled "Eye Movements in Association with Facial Recognition."

As a master's student, Karalee is the president of our NSSLHA chapter for her second straight year. She has been active in planning activities for students and faculty, including the annual Christmas party and fund-raisers. Karalee is planning a master's thesis on attentional deficits in patients with Alzheimer's disease. It is her hope that the study will provide information about early diagnosis as well as aid in understanding neural mechanisms underlying human attention. As part of this study, Karalee will examine differences in attentional abilities between normal young and elderly individuals.

Karalee also has been active in the clinic during her first year as a graduate student. She has developed a rehabilitation program for patients with closed head injury that focuses on pragmatic skills and interpersonal interactions. She also has been involved in the diagnosis of speech and language problems in children with neurofibromatosis.

Eventually Karalee hopes to pursue doctoral studies. She would like to conduct clinical research that focuses on questions about diagnosis and treatment of patients with brain injury.

IN MEMORIAM— LEE EDWARD TRAVIS

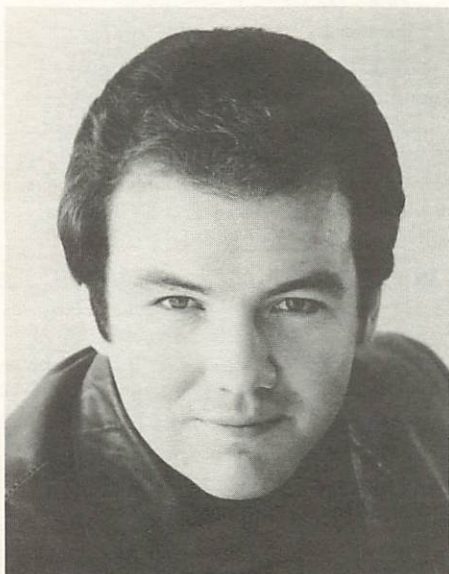


Lee Edward Travis died at his home in California on October 10, 1987. He was 92 years old. Professor Travis earned his B.A. in 1922, M.A. in 1923, and Ph.D. in 1924, all from The University of Iowa. From 1924 to 1927, he held a National Research Council fellowship, for which he was selected to prepare and develop a program of research in the causes and treatment of speech and reading disorders. In 1927 he was appointed associate professor, becoming a full professor in 1928. In 1937 he succeeded Carl E. Seashore as head of the Department of Psychology. In 1938 he left Iowa to assume a professorship at the University of Southern California.

Travis initiated a variety of innovative programs at The University of Iowa, including the program that would later become the Department of Speech Pathology and Audiology. He did pioneering work in speech research, publishing more than 100 articles, and he wrote *Speech Pathology*, the first book of its kind.

In 1925, a small group of scientists met in the living room of his home on Summit Street and decided to form a scientific association. That association is now the American Speech-Language-Hearing Association. Perhaps, however, his greatest legacy is in the students he trained. He directed 46 dissertations, and the list of his doctoral students contains the names of many of the pioneers of speech pathology and audiology.

We thank Professor Emeritus John Knott for providing much of the information contained in this memoriam.



Steve Austin



Karalee K. Emrich

We were delighted that so many graduates responded to the 1987 issue of the newsletter, and we are hoping to see even more of your names in the next edition. Please let us, as well as other alumni with whom you may not be in touch, know where you are and what you're doing. Just take a few minutes to complete the alumni form and return it to us. We really would enjoy hearing from you.

ANA JAVIER TARUC (M.A. '79)—Working part time for the Jackson, Michigan, Speech and Hearing Clinic and county health department, mainly with stroke and laryngectomy patients. One daughter, Celeste, born January 1986.

MARIBETH VOGEL ECKENRODE (B.A. '77, M.A. '79)—Clinical audiologist at V.A. Medical Center in Fort Howard, Maryland, providing full range of audiologic, diagnostic, and rehabilitative services to veterans in Baltimore area. Actively involved in community theater in Baltimore area.

HEATHER HOGUE ORDONA (M.A. '81)—Speech-language pathologist with Mississippi Bend Area Education Agency, working in the Davenport school system. Married in 1986 to Truce Ordon, a child and adult psychiatrist in Davenport.

EINER BOBERG (B.A. '62, M.A. '63; Ph.D., Minnesota, '68)—Professor, University of Alberta, Canada, doing research, teaching, and clinical work in the area of stuttering. Recently established the Institute for Stuttering Treatment and Research; received honors from the Canadian Speech, Language, Hearing Association in 1983.

GEORGIA ROMBAKIS CRAWFORD (B.S. '79; M.Ed., Southwest Texas State, '81)—Assistant director of speech-language pathology at Houston, Texas, Ear Research Foundation; member of a leading cochlear implant team of investigators that conducts workup and follow-up evaluations, research, and rehabilitative services to hearing impaired, as well as normal hearing populations.

MARY JO CREW KLEINSCHMIDT (B.A. '54; M.S., Utah)—Handicap services coordinator and speech-language pathologist for two Salt Lake City, Utah, Head Start programs; auxiliary faculty member, University of Utah.

ELIZABETH WEST DEVITT (B.S. '84, M.A. '86)—Living in West Covina, California. Staff speech-language pathologist, V.A. Outpatient Clinic, Los Angeles.

ELLEN DUSTMAN (B.A. '69, M.A. '70)—Worked 12 years as speech-language pathologist in Boulder, Colorado, schools; now video production manager, in partnership with husband, producing documentary and educational video programs.

ANN MERKEL BARKER (B.A. '68, M.A. '70)—Living in Princeton, Iowa. Staff audiologist with Audiology Consultants, Inc., in Davenport; private practice, including hearing aid dispensing, ENG, and auditory evoked response; serving as secretary of Quad Cities Speech and Hearing Association.

CAROL C. BELLAIRS (M.A. '83)—Formerly speech-language clinician for Area Education Agency 7, Cedar Falls; now children's librarian, Hudson Public Library. One daughter, Rachel Elizabeth, born January 1986.

PAULA CHAMBERS KATHREIN (M.A. '79)—Doctoral student in speech-language pathology at Northwestern University. Married with two children (Jane, 2½ years, and Joseph, 6 months).

ROSINE SALAZER (B.S. '74; M.A., Florida)—Coordinator, Speech and Language Services, London Board of Education, London, Ontario. Member of ASHA Mental Retardation/Developmental Disabilities Committee.

RUTH BORCHARDT STOECKEL (B.S. '77; M.A., Minnesota, '80)—Currently working half-time as speech-language pathologist in Rochester, Minnesota, Public Schools; spending time at home with two daughters.

DALE BINGHAM (B.A. '51, M.A. '52)—Retired from Division of Developmental Disabilities (Hospital School Child Development Clinic), The University of Iowa, in January 1987. Having more time for family activities, but busier than ever. Continuing to be very active as education officer in the Cedar Rapids Power Squadron—a boating organization.

BETTY STIEFEL (B.S.N. '80, M.A. '85)—Living in Victor. Speech-language pathologist in Grant Wood Area Education Agency. Published "On My Own with Language," *LinguSystems* 1987. One son, Thomas Ethan, born October 1986.

RITA SOCOLOFSKY PRAY (M.A. '83)—Private practice in speech pathology in Des Moines. One son, Michael William, born July 1986.

EUNICE ACHENBACH EIDE (B.A. '54; M.A., University of Wisconsin-Madison, '77)—Speech-language clinician, Madison, Wisconsin, Public Schools.

MOLLY SHANNON THOMPSON (B.S. '83; M.A., Minot State, '85)—Speech-language pathologist with preschool handicapped and adolescents in Minot, North Dakota. Has two cats; expecting first child in January.

AMY BRINER RICHARDS (B.S. '83; M.A., Houston, '86)—Speech-language pathologist at the Briarwood School, Houston, Texas. Has one son, Neal, born June 1985; another child expected May 1988.

SHIRLEY BARKER NASH (B.S. '58; M.S., San Francisco State, '81)—Living in Moraga, California. Speech-language pathologist in the San Lorenzo, California, Unified School District servicing 3 to 12 year olds in one elementary school.

LESLIE HANAU DUBLINSKE (B.S. '69, M.A. '70)—Speech-language pathologist in Montgomery County, Maryland, Public Schools serving preschool handicapped program and one elementary school.

JEANNE KRAMME FOUKE (B.A. '62; M.A., Azusa Pacific, '81)—ABI specialist, High Tech Center, Ventura Community College, Ventura, California.

DANIEL M. LARMORE (B.S. '73; M.S., Central Missouri State, '74)—Administrator, Harmony House Health Care Center, Waterloo; president-elect of Iowa chapter of American Association on Mental Deficiency and president-elect of Region VIII AAMD.

SHIRLEY HETTRICH KLUPCHAK (B.S. '78)—Living in Wheaton, Illinois. Self-employed CPA. Has two sons, ages 4 months and 2 years.

LOUISE KENT-UDOLF (Ph.D. '66)—Coordinator, special education, Region 2 Education Service Center, and adjunct professor, special education, Corpus Christi State. President of the Communication Division of American Association on Mental Retardation.

LINDA STOCK MATTER (B.A. '65, M.A. '66, Ph.D. '80)—Speech-language coordinator, Fergus Falls, Minnesota, Area Special Education Cooperative (9 school districts); has received four research grants from Minnesota Department of Education since 1984; does free-lance work for Minnesota Department of Education. Married, 3 children (Brock, 16; Mindy, 13; Reed, 5).

NORMAN E. BISSELL (M.A. '59)—Associate professor of special education and director of Center for Parent-Professional Teamwork at University of Cincinnati.

JILL GLASS BROUGHTON (M.A. '86)—Speech-language pathologist for communication disorders classroom in Mount Carmel, Illinois.

E. SUZANNE ROACH-PROTHEROE (B.S. '81)—Living in Houston, Texas, teaching seventh-grade English. Two daughters, one born in 1985, one in 1987.

JEANNE CANTY DEVINE (B.S. '82; M.A., Northwestern, '84)—Audiologist at the Christ Hospital in Cincinnati, Ohio.

MARILYN HOUSER EARLEY (B.S. '68, M.A. '70)—Speech pathologist, St. David's Hospital Rehabilitation Center, Columbia, Missouri.

BARBARA HEADY-ERICKSON (M.A. '73)—Living in Ames. Speech-language clinician, Area Education Agency. Has two children, Jennifer and Jon.

RITA DUSHMAN RICH (M.A. '73)—Living in Huber Heights, Ohio. Speech-language pathologist, private practice, working primarily with preschoolers and multiply handicapped children. Married, 3 children. Very much an activist for children's issues, especially special-needs adoption and special education.

KELLY FONING BONDESSON (B.S. '83)—Living in San Diego, California. Speech-language pathologist with InSpeech, Inc.

COLLEEN WILCOX (B.S. '71; M.S., University of Arizona, '74; Ph.D., University of South California, '86)—Director of Special Education and Pupil Services, Tucson, Arizona, Unified Schools. Legislative councillor, ASHA, for Arizona.

JENNIFER HAMBORG YANDA (B.A. '81, M.A. '84)—Audiologist, Cochlear Implant Project, University of California, San Francisco. One daughter, Elizabeth, born October 1986.

KATHRYN A. MOON (B.S. '63; M.A., University of Wisconsin-Madison, '76)—Speech-language therapist, high school level, Madison Public Schools.

Department of Speech Pathology and Audiology The University of Iowa Iowa City, Iowa 52242		
LAST NAME	FIRST NAME	MAIDEN NAME (if applicable)
ADDRESS		
CITY, STATE, ZIP		
UI DEGREE(s) AND YEAR(s)		
CURRENT POSITION		
PROFESSIONAL ACTIVITIES, PERSONAL NEWS, ETC.		

DEPARTMENT OF SPEECH PATHOLOGY AND AUDIOLOGY
UNIVERSITY OF IOWA

Newsletter

Vol. 1, No. 7, October 1968

The newsletter is circulated about the 15th of each month excluding January, August, and September. News items should be written out and either deposited in the newsletter box in the lounges or given to any of the following people: M. J. Collins, A. Compton, J. Geith, J. Knox, C. Mason, S. McCabe, D. Miller. For additional information, please see Arthur Compton or Douglas Miller.

Everyone in the department is encouraged to contribute any information which they consider to be of departmental interest. It is of special importance to get information concerning alumnae, since there is no systematic method for keeping in touch with our graduates. ASHA convention in November should provide an excellent opportunity for catching up on the whereabouts and activities of alumnae. Please turn in this information to the newsletter staff.

History of Speech Pathology and Audiology at Iowa:

Dr. Wendell Johnson's course in general semantics was the first ever offered under the title in any university. He initiated it in the fall of 1939 and, except for one year when he was off campus, taught it from then on until the fall of 1964 when ill health forced him to relinquish teaching duties. In 1946 he wrote People In Quandaries (Harper & Row) as a textbook for the course.

Enrollment began at 23, increased steadily, soon reached 100, and remained between that mark and 150 from then on. It represented something of a cross-section of the University or, as Dr. Johnson put it, everything from Art to Zoology. In 1956 and again in 1960 the course was broadcast by radio station WSUI, live from the classroom. The audiovisual department continues to receive requests for the tapes of those broadcasts.

General Department News and Announcements:

JAY MELROSE, TERI ALLEN, AND JUDY GEITH are in the process of organizing a permanent video-tape library. New equipment has been purchased which will allow the dubbing and categorizing of a few already existing tapes. Further permanent tapes are being planned of such things as different kinds of therapy, diagnostic tests, demonstrations of laboratory techniques, lectures, counseling sessions, etc. The faculty and staff will be receiving a questionnaire asking them to provide some information on what they would like to have in the permanent tape library. This information will be used to set up the taping sessions. Anyone who has suggestions of what might be included in the tape library should contact the appropriate staff or faculty in the area in which the tape will be made.

THEODORE (TED) TWEED has accepted a position as Clinical Audiologist in the University of Wisconsin Speech and Hearing Division of the Department of Communicative Disorders at LaSalle, Wisconsin. He was formerly Clinical Audiologist in the Department of Otolaryngology and Maxillofacial Surgery at University Hospitals in Iowa City.

BEST WISHES for a speedy recovery to ARNOLD SMALL who had an emergency appendectomy October 11.

REPORT: CLINIC STUDENT-STAFF MEETING: On Monday evening, September 30, there was a meeting in the Auditorium of the Speech and Hearing Center for all students enrolled in practicums this semester. All members of the clinic staff and approximately forty students were present. Members of the clinic staff and new members of the Stuttering Research Project were introduced. Dr. Melrose reviewed current procedures and policies of the clinic and discussed some new changes that are being initiated. He also gave a report on new equipment and materials that have been received or ordered and explained how they will enhance the clinical program.

Everyone is invited to attend the Outpatient Staffings which are held every Wednesday from 1:00-3:00 p.m. in the Auditorium. A master chart indicating the schedule of all clinical appointments is posted in room 118. Also included on this chart is a schedule of the hours when individuals can observe the clinic supervisors doing therapy.

Dr. Melrose particularly emphasized that the Department is encouraging students to become more involved in solutions to clinic problems, suggestions for change, and long-range planning. A committee of five student representatives was established and will meet regularly with Dr. Melrose to maintain active communication between clinic staff and students. The members are Ann Hill, Cindy Mason, Margaret Maxwell, Doug Miller, and Jake Ohlinger. Students are encouraged to discuss clinic problems and suggestions for change with members of the committee who will then bring them to the regular meetings for consideration.

ASHA JOURNAL GROUP: Have you heard about the ASHA Journal Group? This is a special offer for students who are ineligible for ASHA Membership (undergraduates and graduate students with less than a masters degree) but are enrolled in a speech and hearing training program for seven or more credit hours and for non-students ineligible for ASHA Membership who hold professional positions in the speech and hearing field.

Among some of the things you receive from membership in the Journal Group are all issues of the Journal of Speech and Hearing Disorders, Journal of Speech and Hearing Research, and ASHA published during the calendar year in which you join and a sharply reduced registration fee at the ASHA annual convention. The cost is \$10.00 for students and \$15.00 for non-students. For further information see the brochure on the bulletin board in the student lounge or see Margaret Seemuth in room 119.

GRADUATE STUDENT SENATE: Elections were held this month to select a representative to the newly formed Graduate Student Senate. Our graduate students elected Ann Smit to serve as their representative and Cindi Mason as the alternate. As soon as the Senate's proposed constitution is written, Ann will present it to the graduate students for their comments.

DAVID LILLY AND JAMES CURTIS will participate in five University of Iowa Night programs to counsel high school students who are interested in speech pathology and audiology. Dr. Lilly will travel to Davenport and Dr. Curtis will travel to Burlington, Mason City, Webster City, and Dubuque. Dr. Curtis also participated in an all-University program along with other faculty members of the University in which they contacted students at 14 central and south-central high schools - October 14-17 - to discuss the University of Iowa.

CONGRATULATIONS! Charles R. Felling, Richard P. Mease, and Carol Emrick who passed Ph.D. comprehensives this semester.

JACK MILLS, following completion of his doctoral dissertation, will begin post-doctoral work at Central Institute for the Deaf in St. Louis, Mo. this fall. His primary research efforts will be with voice induced permanent threshold shifts and temporary threshold shifts following noise exposure in chinchillas. His wife, JANICE, has been working in the Rock Hill Special School District in St. Louis since September, 1968.

INFORMAL STUDENT SEMINAR: Last winter the graduate students in the department revived the "Informal Student 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 to participate at a session. Faculty participants decide on the nature and length of their presentation, and a usual question period will follow the discussion.

Students are requested to leave suggestions for any topics and the name of the faculty member participant in the Newsletter box or contact Carole Emrick or Doug Miller.

Professional Activities of Members in Department:

JAMES C. HARDY

has accepted the chairmanship of the Committee on Clinical Standards of the American Speech and Hearing Association for the term running from January, 1969, through December, 1972. The charge of this committee is to review and set policies concerning clinical competence.

HUGHLETT L. MORRIS

presented two lectures on "Cleft Palate Management" at the Nebraska Speech and Hearing Institute, Lincoln, Nebraska, sponsored by the Nebraska State Board of Education on October 3-4.

CARL E. BETTS

spoke September 26 at Upper Iowa College, Fayette, Iowa to the members of the Area I In-Service Educational Program on Speech Improvement in Workshop for Kindergarten Teachers. On September 11 he also talked in Iowa City to the Iowa Chapter of the American Academy of Pediatrics about hearing loss in children.

DEAN WILLIAMS

was guest speaker at a combined meeting for the Oregon and Washington Speech and Hearing Associations on October 18 and 19. He presented two lectures, "Social and Academic Behavior of Children Who Stutter" and "Experimental Therapy for Children Who Stutter."

CHARLES ANDERSON, HUGH MORRIS, AND JEANNE SMITH

participated in the program, Otolaryngology for the General Practitioner, on October 11 in Iowa City. They presented the following papers:

- 1) "Detection of Hearing Loss in Preschool Children" - C. Anderson.
- 2) "Speech Problems" - H. Morris
- 3) "Communication Problems of Children with Hearing Losses" - J. Smith

Social Announcements and Personals:

CHRISTOPHER ROBERT, son and sixth child of John and Leila Glasgow, was born on Wednesday, October 16, 1968.

GWENDOLYN GUINEA PIG passed away on Sunday, August 4, 1968, after a brief illness. Before her demise, Gwendolyn had had the distinction of being the first animal in the Animal Lab of the Speech and Hearing Center, after having been rejected from a research project in the Department of Otolaryngology. Gwendolyn served well in the Summer Program, entertaining many children and biting a few student clinicians. Memorial services were held in the Animal Lab on Tuesday, August 20, and interment was conducted by Miller, Inc. Ehud Yairi served as cantor and J. Stanley Hutton played taps. A brief midnight supper of frog legs and wine was enjoyed by almost everyone.

The family requests that, rather than sending floral gifts, Gwendolyn's friends make memorial contributions to the Coffee Fund.

New Students and Staff:

AILEEN BAESEMANN is working toward her M.A. in speech pathology. She and her husband came from Eau Claire, Wisconsin where she received her B.A. from Wisconsin State University in June, 1968.

JANETTE L. CARROL is working toward a M.A. in speech pathology. Janette, who is married, received her B.A. from Grinnell College in May, 1968.

EDWARD G. CONTURE is working toward his Ph.D. in the area of stuttering research and therapy. He received his M.A. from Northwestern University in August, 1968.

PATRICIA ESPARAZA is working toward an M.A. in the area of speech science. Patricia, who is married, received her B.A. from San Jose State College in California in 1966. After graduation she worked as a supervisor in the San Jose State College Clinic for a semester and then came to Cedar Rapids where she has worked as a speech clinician for the past two years.

TERRY L. FOUTS has joined the staff in the position of Administrative Assistant. He was formerly on the staff at Iowa National Mutual Insurance Company as an Underwriting Clerical Supervisor in Cedar Rapids. Terry served with the United States Marine Corps from 1960-64 and travelled in Hawaii and the Far East as a stenographer for the commanding general in the 1st Marine Air Wing. He received his B.A. from the University of Iowa in 1968. Terry's wife, Shirley, teaches school at Franklin Junior High School in Cedar Rapids.

JANIE GORDON is working toward an M.A. in speech pathology. She received her B.A. in 1968 from the University of Missouri at Kansas City.

ANN M. HILL is working on an M.A. in the area of clinical audiology. Ann, who is married, received her B.A. in speech pathology and audiology from the University of Iowa in June, 1968.

PENELOPE KLOCKSIEM has joined the staff as Clinical Associate, working primarily in the area of articulation therapy. She received her B.A. in 1965 and M.A. in 1967 from Iowa. Her return to Iowa follows a year's experience as Speech Pathologist and Instructor at the Children's Rehabilitation Institute of the University of Nebraska College of Medicine in Omaha.

"Owl, wise though he was in many ways, able to read and write and spell his own name WOL, yet somehow went all to pieces over delicate words like MEASLES and BUTTERED TOAST."

----A.A. Milne
Winnie the Pooh

SUSANNE KOS is working toward an M.A. in clinical audiology. She received her B.A. from Trinity University, San Antonio, Texas in 1965 and did secretarial work for the Otological Medical Services, Iowa City.

BRETA LAWSHE has joined the staff as Clinical Associate working with special problems of the neurologically handicapped. Breta graduated from Ball State University, Muncie, Indiana in 1961. She was a trainee in audiology with the Veterans Administration in Boston, Washington D.C., and Chicago. Breta received her M.A. from Western Reserve University in Cleveland, Ohio and was then on full-time staff before going to Tuft's New England Medical Center in Boston where she was Supervisor of Speech and Language Services and an instructor at the Tuft's School of Dental Medicine.

LILA JACLYN LITTLEDIKE is working toward a Ph.D. in speech pathology. She received her M.S. in speech pathology from Utah State University in 1967, and worked as Clinical Supervisor and instructor in the Department of Audiology and Speech Pathology at Utah State University from 1966-68.

KENNETH LOWDER is the new Resident Speech and Hearing Consultant for State Services for Crippled Children. He received his B.S. from Eastern Illinois University and his M.A. from DePaul University. Kenneth, who is married, also worked as a public school clinician in Evanston, Illinois.

CONNIE LYON is working toward a Ph.D. in speech pathology. She received her M.A. in 1966 from the University of Iowa in audiology and worked in the Bellevue Public School System near Seattle, Washington. Connie's husband Lynn interned at the University of Washington and is presently working on a residency in Neurology at University Hospitals in Iowa City.

SHARON McCABE is a new secretary at SHC working for Dr. Curtis, Sherman, Compton, and Morris. Her husband Roger is a third year law student at Iowa, having completed his undergraduate work at Marquette University.

DIANNE MIHIC is working toward an M.A. in speech pathology. She received her B.A. in May, 1968 from the College of the Holy Names, Oakland, California.

CAROL J. PRAHL is working toward an M.A. in speech pathology. She received her B.A. in June, 1968, from Valparaiso University, Valparaiso, Indiana.

CHARLENE F. TEITELBAUM is working toward an M.A. in speech pathology. She received her B.S. from East Carolina University, Greenville, N.C., in 1968, and worked as a speech therapist in Pitt County Schools in North Carolina in 1967 and also in the Appomattox County Schools in Virginia during the summer of 1968.

JAMES THELIN is working toward an M.A. in the area of experimental audiology. He received his B.A. in Psychology from Rice University and worked as a research assistant at the Houston Speech and Hearing Center.

BONNIE ANN ULRICH is working toward an M.A. in speech pathology. She received her A.B. from the College of St. Francis, Joliet, Illinois in 1966. Bonnie taught fifth grade for the past two years.

MIKE VALDEZ joined the department this September as electrical engineer and he will be assisting with the design of a new Interdata computer. He is also working toward a Ph.D. with emphasis in computer control. Mike was born in Peru and studied at the National University of Engineering. After some years of practice in Peru, he became Assistant Professor of Physics at the Catholic University of Chile and later Professor of Physics and Electronics at the Northern University of Antofagasta, Chile. Mike came to the United States in 1964 and completed an M.S. degree in Electrical Engineering in 1968 at the University of Iowa while working for a consulting firm in Muscatine.

JOEL WERNICK, auditory physiologist, joined the faculty this September. Joel, his wife, and four daughters came to Iowa from Florida where he was a research associate at the University of Florida Communication Science Lab. He was engaged in studies of primary fiber activity in guinea pigs and auditory evoked scalp potentials in humans. Joel received his Ph.D. from Stanford in 1967 where he stayed for an additional year as a post doctoral fellow. At Stanford he conducted research on physiological correlates of binaural percepts and on the function of efferent neural pathways in auditory processing.

JANET WHITEBOOK is the new Clinic Coordinator for the Department. She received her B.A. in speech pathology and audiology from the University of Iowa. Janet returns to the University and her professional interests after several years at Moe Whitebook's Men's and Women's Apparel Shop here in Iowa City which she and her husband have been operating. The Whitebook's have four children and reside in Iowa City.

TERRY L. WILEY is working on his Ph.D. with interests in hearing science and clinical audiology. He received his M.S. from Colorado State University in August, 1968. He has worked as a speech clinician for one year and a hearing clinician for one year in public schools in Iowa. Terry is married and has one child.

DIANE WILSON is working toward her M.A. with interest in clinical and public school work. Diane, who is married, received her B.A. from the University of South Dakota in June, 1968, and worked as head therapist in the USD Program for Mentally Retarded Children during the summer of 1967 and as a therapist in Huron, South Dakota during the summer of 1968.

KATHLEEN WONG is the new secretary for Clinical Services in SHC. She came to the United States from Hongkong a little over a year ago and worked in Des Moines for a year in Iowa Children's and Family Services. Kathy was married on June 29, 1968, and moved to Iowa City where her husband is now working in the Physics Department. He majored in geography and graduated from the University of Iowa in 1964.

WILLIAM S. "WILD BILL" YOVETICH is a new Research Associate working in the area of stuttering. Bill received his Bachelor's degree in speech pathology from The State University College of New York at Buffalo (SUCB) and his M.A. from Western Michigan University. He worked two years as school clinician for the city of Tonawanda, N.Y. and two summers at Cleft Palate Clinics at SUCB. Bill's wife is a speech clinician with a B.S. and M.S. from SUCB. The Yovetich's have a daughter Tasha, age 2 1/2.

Departmental Research and Publications:

MANAGEMENT OF VELOPHARYNGEAL DYSFUNCTION IN CEREBRAL PALSY by J. C. Hardy, R. Netsell, J. W. Schweiger, and H. L. Morris will appear in the February, 1969, issue of The Journal of Speech and Hearing Disorders.

EVALUATION OF VELOPHARYNGEAL DYSFUNCTION IN DYSARTHRIA by R. Netsell will appear in the February, 1969, issue of The Journal of Speech and Hearing Disorders.

RESEARCH IN HEARING in the Speech and Hearing Center encompasses a large number of laboratories and investigators. The building as originally designed incorporates seven areas devoted primarily to hearing research: 1) anechoic chamber in the sub-basement, 2) "clinical" research in the first floor diagnostic area, - on the third floor are 3) two animal laboratories, (a) one for behavioral, the other (b) for neurophysiologic studies, 4) psychoacoustic laboratory, 5) experimental audiology laboratory, and 6) a student laboratory.

In the auditory neurophysiology laboratory, Jane Collins is beginning Ph.D. thesis work on neural correlates of auditory temporal summation, i.e., why do psychophysically determined thresholds rise as stimulus duration is shortened? She will be recording potentials in cats from single neural units as well as whole nerve potentials of the eighth cranial nerve together with cochlear microphonics. Drs. Marshak and Harker, residents in the Department of Otolaryngology, are beginning M.A. thesis work (the degrees are to be granted through their department). Dr. Marshak is working with changes in cochlear potentials in chinchillas brought about by drug-induced diabetes. Dr. Harker is investigating lateral inhibition in the peripheral auditory system by recording from single neural units of the eighth nerve in cats.

A study was recently completed in the psychoacoustics laboratory on short term loudness changes. Over 60 people volunteered to participate in this study. The results tend to confirm earlier findings from this laboratory that the greatest loudness changes occur at 250 and 4000 Hz, and the smallest, at 1000 Hz. The maximum shift is 5-10 dB and recovery is complete in about 100 msec. Fran Johnson, Dave Kuehn and Gerri Kahn participated in gathering data for the project. Preliminary work is now underway on a comparison of binaural masking level differences with interrupted tones that yield periodicity pitch and steady tones of corresponding pitch. This technique offers another means by which the neural channels used in pitch perception may be identified. Dave Nelson is currently working with Dr. Small on this study.

Three investigations are underway in the Experimental Audiology Laboratory. Jack Mills is studying the effects of the acoustic reflex upon temporary threshold shift. He is using both normal subjects and subjects with normal hearing who have undergone middle ear surgery for otosclerosis. Aaron Favore is investigating the effects of anesthesia upon bone-conduction thresholds. Aaron thinks that his findings may be of some importance for testing of patients with severe sensorineural hearing losses. Ric Franzen is completing instrumentation for measurement of the threshold of the acoustic reflex in normals. Ric believes that current estimates of the threshold of the acoustic reflex for pure-tones are too high. If his hypotheses are correct, acoustic-reflex measurements may become important in the battery of "objective" tests for auditory sensitivity.

The student laboratory has been used for the Psychoacoustics Laboratory course and M.A. thesis research. The students in the laboratory conducted four separate studies last spring. Gerri Kahn's thesis work dealt with the decay in frequency selectivity of threshold shift as two stimuli are moved apart in time.

Editorial:

ISHA: Recent involvement of college students in state and national political affairs points up a desire of many of us. We want to play an active role in deciding our future course of action. One way to participate effectively in determining our professional future consists of becoming involved in state speech and hearing associations. These organizations are open to students and are concerned with many issues about which we as students should be expressing ourselves. The Iowa Speech and Hearing Association (ISHA), for example, has a standing committee which routinely checks pending Iowa state legislation for matters of interest to our profession. One such matter is that of licensing speech and hearing personnel, which most people think will take place at the state level when and if it occurs. Florida is the only state at present with such legislation, but most states presently license hearing aid dealers, and we must keep informed so we can either prevent legislation of speech clinicians and audiologists at present or design it appropriately (depending upon your viewpoint).

Other issues of interest to ISHA and the speech pathology and audiology student are the recruitment of new people into the profession and into Iowa and the need to upgrade requirements for the physical plants or facilities for our work in the public schools. Dr. Hugh Morris, who reported these issues to me, says that both of these problems are presently under examination by ISHA and will probably be discussed in the business meeting October 26 in Des Moines. Other student interests which ISHA can affect are curriculum requirements (such as education course requirements for speech pathology students) and case load limits.

The fall meeting is being held October 25-26 at the National Motor Inn (928 6th Avenue, Des Moines, Iowa). Dr. Charles Anderson will talk Friday night and the business meeting will begin at 9 a.m., Saturday. Following a luncheon address concerning the National Speech and Hearing Survey by its project director, Dr. Forrest Hull, Mrs. Norma Bionde, speech and language clinician at the Scott County Community Mental Health Center, will discuss the role of the speech and hearing clinician with children who have specific learning disabilities. Students may find it economically unwise to stay overnight in Des Moines, but should try to go for some of the meetings. Watch the student lounge for notices of rides to Des Moines for this meeting. ISHA is an opportunity for the students to find out who the working speech and hearing clinicians are in Iowa and what they are like. And, most importantly, your participation will assure the relevance of ISHA to the needs of students.

-by C. Lee Woods

"Sometimes he thought sadly to himself, 'why?' and sometimes he thought, 'wherefore?' and sometimes he thought, 'Inasmuch as which?'"

----A.A. Milne
Winnie the Pooh

DEPARTMENT OF SPEECH PATHOLOGY AND AUDIOLOGY
UNIVERSITY OF IOWA

Newsletter

Vol. 1, No. 8, November, 1968

The newsletter is circulated about the 15th of each month excluding January, August, and September. News items should be written out and either deposited in the newsletter box in the lounges or given to any of the following people: M. J. Collins, A. Compton, J. Geith, J. Knox, C. Mason, S. McCabe, D. Miller. For additional information, please see Arthur Compton or Douglas Miller.

Everyone in the department is encouraged to contribute any information which they consider to be of departmental interest. It is of special importance to get information concerning alumnae, since there is no systematic method for keeping in touch with our graduates.

History of Speech Pathology and Audiology at Iowa:

Because the Iowa Program in Speech Pathology and Audiology resided in several departments (mainly Psychology and Speech) for many years, its courses were described in the University catalogue more than a quarter century before "speech pathology and audiology" appeared in the index. In 1946, Psychology reorganized its catalogue copy, including a section headed "Speech Pathology and Hearing Conservation." In 1949, this heading was changed to "Speech Pathology and Audiology."

Then in 1950, the Department of Speech reorganized its copy in much the same way, setting up six major divisions. The second of these was headed "Phonetics and Speech Laboratory, James F. Curtis, adviser," and the fifth, "Speech Pathology and Audiology, Wendell Johnson, adviser." The listing of Dr. Curtis' laboratory in the speech department's offerings has continued since 1950. The main Program listing, however, soon moved to a place of its own, in 1951 reflecting the organization of a University Council on Speech Pathology and Audiology, and in 1956 the organization of the Department of Speech Pathology and Audiology.

General Department News and Announcements:

"THE BELIEF IN MAGIC," an article by Wendell Johnson which was transcribed from a tape recording and prepared for publication by J. Albert Southern and S. I. Hayakawa is scheduled to appear in the forthcoming issue of ETC.

JUDY REED, a senior Honors student in Speech Pathology and Audiology, was one of 25 selected students invited to attend a University-sponsored retreat on the evening of Friday, November 22, and Saturday, November 23, at Newton, Iowa. The purpose of this retreat was to bring together the students and selected faculty and administrators to discuss significant issues affecting the quality of education and life at the University.

CONGRATULATIONS! Gerri Kahn passed her Ph.D. comprehensives in October, 1968.

GRADUATING M.A. STUDENTS: If you are graduating in February, you are eligible for ASHA membership now even though you will not be applying for certification until you have completed a year of professional experience.

STUDENT CLINICAL COMMITTEE: The student committee to maintain communication with clinical staff met in early October to establish its basic purposes and to discuss current aspects of the clinical program. A meeting was later held with Dr. Melrose. It was decided to appoint a group of students to organize and supervise the use of the new clinic therapy materials. Leslie Hanau, Jeff Knox, and Jeanne Nelson later agreed to serve in this capacity. Rooms 226D and 220G will be used as supply rooms for therapy materials. These rooms will be open from 8:00 a.m. to 5:00 p.m. and a general inventory of available materials and equipment will be posted in 220G. Any student who has suggestions for the purchase of additional therapy materials should contact either their clinical supervisor or a member of the Student Clinical Committee.

In the meetings it was also decided that Room 115 may be used by students for conferences either with clients or clinical supervisors when appropriate office space has not been assigned. The room will be unlocked from 8:00 a.m. to 5:00 p.m. and may be used at any time.

One unanimous conclusion in the discussions held was that all students should make more effort to communicate their ideas and reactions, both positive and negative, about all aspects of their clinical training. In view of this the clinical committee will meet at SHC in an open session early in December. At this time anyone who wishes to discuss aspects of the clinical program or bring questions to the committee is encouraged to attend.

Ann Hill, Cindi Mason, Margaret Maxwell,
Doug Miller, Jake Ohlinger

TYPING ROOM: Students may now type in Room 205. Tables and chairs have been provided and the room will be unlocked at all times. Anyone using these typing facilities is asked to keep the door closed so the noise of the typewriters will not disturb classes.

INFORMAL STUDENT SEMINARS: In a meeting of the Informal Student Seminar held on Tuesday, November 12, Jay Melrose discussed the topic "How to Land a Job." He reviewed the use of job-finding sources such as Trends and the ASHA Directory and stressed the advantages of registering with the University Educational Placement Office. In general, students were encouraged to use these and other sources to explore employment possibilities as they relate to the student's particular interests and needs.

Plans are being made for a seminar during December. Watch the student bulletin board for the topic and details of next meeting. If you have any topics which you would like to have included in future seminars, please contact either Carol Emrick or Doug Miller.

LAWRENCE HEDGES, new staff psychologist in the department, is working toward a Ph.D. in clinical psychology. Larry, who is married, received his M.A. from the University of Iowa and completed an internship at the Institute of Living in Hartford, Connecticut last year.

Professional Activities of Members in Department:

The following people presented papers at the ASHA Convention in Denver, Colorado.

ARTHUR J. COMPTON - "A Generative Analysis of Articulatory Deviations"

JAMES F. CURTIS - "Conceptual Models of Speech Production and the Description of Articulation."

GERRI KAHN AND ARNOLD M. SMALL - "The Decay of Frequency Selective Excitation in the Ear"

DAVID J. LILLY - "Tape Recording and Reproduction"

KENNETH L. MOLL - "An Investigation of the Timing of Velar Movements During Speech"

TERRY L. WILEY - "Filtered-Speech Audiometry for Children"

JAMES HARDY, was Chairman of the session on "The Production of Speech : Descriptions of Articulation and Their Implications for Application to Clinical Problems"

DAVID J. LILLY, also served as Chairman of the session on "Factor Affecting Auditory Threshold"

BETTE SPRIESTERSBACH AND EUGENE BRATT served as co-chairmen of the exhibit for the Iowa Speech and Hearing Association which was displayed at the Convention.

DEAN WILLIAMS

presented two lectures entitled "Variability of Stuttering in Children" and "Stuttering Therapy in the Public Schools" as guest speaker at the Kansas Speech and Hearing Association Meeting on October 31 and November 1, 1968 in Pittsburg, Kansas. He was also guest speaker at the Annual Convention for the Ontario Chapter of the Council for Exceptional Children on October 24-26, 1968 in London, Canada and presented the following lectures: "Techniques Used in Training the Child Who Stutters in the Public School Setting" and "Stuttering - Demonstration of Treatment."

KENNETH L. MOLL

served as a consultant to Indiana University of Pennsylvania, Indiana, Pennsylvania on October 30-November 1, 1968 concerning the development of their graduate program in speech pathology and audiology. He also presented a lecture to students and staff in speech pathology and audiology at Indiana University of Pennsylvania entitled: "Current theories and research on speech articulation."

CHARLES V. ANDERSON

presented a paper entitled "Hearing Services - A Cooperative Task" at the meeting of the Iowa Speech and Hearing Association in Des Moines, Iowa on October 25, 1968.

He uses short, easy words, like "what about lunch?"

----A. A. Milne

The House at Pooh Corner

Social Announcements and Personals

SCOTT REGER was honored at a reception in Denver given for him by Dr. James Tabor. Dr. Tabor, an otologist was formerly associated with the University Hospital in Iowa City and practiced in Cedar Rapids for several years before moving to Denver. Guests at the reception included many Iowa graduates from all over the country. Dr. Reger was presented with an engraved silver goblet, from which he sipped champagne punch. Guests from Hawaii paid tribute to him with a beautiful orchid lei.

BEST WISHES for a speedy recovery to SALLY PETERSON who is in the infirmary with the flu.

LYNN AND CONNIE LYON enjoyed a week's holiday in Jamaica after winning the vacation in a raffle held in Chicago.

Departmental Research and Publications

"HEARING," by Arnold M. Small is an article which will appear in a new social science encyclopedia, "International Encyclopedia of the Social Sciences." The 17-volume reference work represents 7 years of collaboration by 1,505 social science specialists from 33 nations.

"THREE PSYCHOLOGICAL SCALING METHODS APPLIED TO LANGUAGE DEVELOPMENT," by Dorothy Sherman and Franklin Silverman will appear in the December issue of JSHR.

Editorial

After each ASHA Convention, I am tempted to react publically but then I manage to contain myself and only do so privately. This year I am less contained and also have the added impetus of a semi-public channel of communication at my disposal.

Like all big conventions there were the usual minor annoyances of unhonored reservations, impractical geographic proximity of accommodations to the convention hotel, public transportation difficulties, excessively high prices, etc. But, in general the local arrangements people were to be commended.

This year our association briefly unbuttoned its professional collar that tightly encircles the sacred larynx and, to its amazement, little political and social noises gushed forth. Someone suggested making a recorded sample, but by then it was too late. A committee was duly appointed to research the matter, everyone recited the "Pledge of Allegiance" to the African, a few sang the "A Train Blues," and a motion was carried to tightly secure the collar once more. However it appears that some of the clatter managed to penetrate beyond the cochlea and the aftermath of swollen ears and mounting laryngeal back pressure is more cronic than many would care to admit. Meanwhile, Chicago here we come!

The clinician - researcher gap was noticeably around again and, like always, the researchers never cease to be amazed by the utter failure of the clinicians to grasp the great truths discovered in the laboratory. After all,

who could doubt an N of 500 and correlations exceeding the limits of the confidence tables? But then, clinicians only deal with one N at a time and their N's don't have statistical problems, they have communication problems. Fortunately, the answers to these problems have already been printed up in the text books.

There were the usual crack-of-dawn technical sessions scheduled on Sunday morning which continues to demonstrate the good foresight of somebody. There is absolutely nothing so invigorating as binaural beets or warmed over linguistics for Sunday Breakfast. The speakers at the early morning stuttering session I attended were noticeably dismayed by the massive audience - all eight of us, mainly family and friends.

The quality of the papers again met the usual standards required for the insured success of a major social event; in fact, the planning was even better this year with the technical sessions spaced in several hotels, thus making it geographically impossible to seek out an occasional good paper from two or three different meetings.

The quality and quantity of the criticism of the papers were also up to par and reflected the lengths to which people will go to be kind to each other. Unfortunately this kind of kindness (at least I hope this is the explanation) does little to promote excellence and, if anything, is helping to force a disastrous and unnecessary splintering of the annual meeting into a so-called professional and technical dichotomy.

Obviously my remarks so far are overgeneralizations, since not all papers were inferior nor were all reactions to inferior papers uncritical. Many institutions and individuals are doing some very excellent work and, if I may be so presumptuous as to state at least one unquestionable fact, the people at the University of Iowa and those trained here again demonstrated this point quite clearly and quite consistently.

-by Arthur J. Compton

HAPPY THANKSGIVING!!

DEPARTMENT OF SPEECH PATHOLOGY AND AUDIOLOGY
UNIVERSITY OF IOWA

Newsletter

Vol. 1, No. 9, December, 1968

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Everyone in the department is encouraged to contribute any information which they consider to be of departmental interest. It is of special importance to get information concerning alumnae, since there is no systematic method for keeping in touch with our graduates.

General Department News and Announcements:

SHC VISITING LECTURE SERIES: This year the Department is initiating a yearly visiting lecture program which will include three or four speakers each year. The first speaker of this year was Mary Jayne Capps, Ph.D., from the Departments of Psychology and Electrical Engineering, University of Illinois who visited on December 6, 1968. Dr. Capps spoke informally to a group of graduate students during the afternoon and discussed the techniques being used for evaluation of hair cell damage in guinea pigs after exposure to high level sound. Dr. Capps also gave a public lecture in the evening on the effect of lesions of the efferent auditory pathway. Her results indicated that efferent lesions could impair frequency discrimination in squirrel monkeys.

Other speakers planned during the spring semester include DR. MARGARET BYRNE from the University of Kansas and, tentatively, DR. EUGENE McDONALD from Pennsylvania State University.

PSYCHOLINGUISTICS CONFERENCE: The Department is planning to sponsor a conference tentatively titled "Psycholinguistic Approaches to the Study of Language Development and Disorders" which will be held the first or second week of the summer session. Planning is still in the very early stages and further details will be made available in the next issue of the newsletter.

The new SEMINAR ON CHILDREN'S LANGUAGE DEVELOPMENT (3:534) will be offered next spring semester on Tuesday evenings from 7:00 to 9:00 p.m. The purpose of the seminar is to provide advanced training in linguistic and psycholinguistic study of children's language. The focus of the course will be upon individual student projects which may be directed towards such problems as data gathering, grammatical analysis, evaluation of various types of language descriptions, comparisons of normal and abnormal language, diagnosis and treatment of language problems, psycholinguistic research designs, etc. The general topic for the spring semester will be syntactic and semantic development. Complete transcripts

and tape-recorded language samples of approximately 20 children will be available. These samples include children of all ages between 1 1/2 years through 6 years including two sets of twins and about equal numbers of children with normal and abnormal language.

NOTICE OF FINAL PH.D. EXAMINATION: Jerry Carney will take his final Ph.D. oral exam January 21, 1969 in Room 233 SHC from 3:00 - 5:00 p.m. The title of his dissertation is "Structural Correlates of Nasality." Drs. Morris and Sherman will serve as co-chairmen of his committee. Note: Final Ph.D. examinations are open within the University and, hence, all subsequent exams in this Department will be announced in the Newsletter.

ARTHUR J. COMPTON and JOEL WERNICK were awarded research grants under the University of Iowa program for junior faculty research in health and related fields. Arthur Compton's research will be in the area of normal and abnormal phonological development and Joel Wernick's will be in the area of single unit analysis of auditory coding in the brain.

JEAN SMITH has recently been named as a Fellow of the American Speech and Hearing Association.

STUDENT COMMITTEES: The department's Graduate Student Committee and the Clinical Committee will be rotating membership for the second semester. At least two positions will be open in each group for any students who wish to participate. Please contact a member of the respective committee before the starting of second semester if you are interested.

SOCIAL WORK STUDENTS: On December 20, JOHN GLASGOW and CONNIE PETERSON will complete their 10 1/2 month practicum as the social work students assigned to the Speech & Hearing Center. Both John and Connie will continue as full-time students until the end of March to complete the MSW (Masters in Social Work) degree. After graduation, John plans to work for the Ft. Dodge office of the Sioux City Catholic Charities, and Connie plans to work in School Social work, perhaps in the East. Two new social work students will be assigned to SHC to start their practicum period beginning the week of February 3.

A series of VOICE CLINICS has been instituted which are sponsored jointly by the Department of Speech Pathology and Audiology and the Department of Otolaryngology and Maxillary Surgery. The clinics are to be held on the first Wednesday of every month in Room 233, Wendell Johnson Speech and Hearing Center, 1:00 - 2:00 p.m. The staff of the clinic includes: Jay Melrose, Leslie Bernstein, Barbara Moeller, Larry Hedges, Marie Emge, Hughlett Morris, and graduate students who are assigned to a specific clinic. Miss Emge is arranging patient appointments. The general purpose of the clinics is to provide for interdisciplinary planning for individuals with voice problems, particularly those who may need voice therapy.

The Speech and Hearing Center will be open during the Christmas break from 8-5 p.m. daily except for December 25 and January 1 and the afternoon of December 24 and 31.

The departmental library will be open from 1-5 p.m. December 23, December 26-27, December 30, January 2-3. It will be closed otherwise until the regular schedule resumes on January 6.

Social Announcements and Personals

HO HO HO: A Christmas party will be held from 3:00 to 5:00 p.m. on December 19, in the lobby of the Wendell Johnson Speech and Hearing Center. Coffee and cookies will be served. All faculty, staff, students, clients and friends are cordially invited to attend.

BEST WISHES for a speedy recovery to SALLY PETERSON who had thyroid surgery.

KERESTEN, daughter and first child of Kenneth and Suzanne Messer was born on December 16, 1968.

New Students and Staff

PATRICIA DORMAN is a new secretary and Coordinator for the Speech and Hearing Clinic. Her husband is now working at Montgomery Wards and will be starting college for an electrical engineering degree in February. She has just returned to the Mainland after spending 2 years in Hawaii. She has two children and worked for the Federal Civil Service in Hawaii.

Departmental Research and Publications

DISFLUENCY BEHAVIOR OF ELEMENTARY SCHOOL STUTTERERS AND NONSTUTTERERS: THE ADAPTATION EFFECT by Dean E. Williams, Franklin H. Silverman, and Joseph A. Kools appeared in JSHR, Vol. 11, No. 3., (1968).

NOTE CONCERNING ARTICULATION OF SCHOOL-AGE STUTTERERS by Dean E. Williams and Franklin H. Silverman will appear in the 1968 issue of Perceptual and Motor Skills, Vol. 27, 713-714.

STUTTERING RESEARCH PROJECT: The stuttering research project was initiated to develop improved therapy techniques with school-age children. This primary goal has been pursued in several ways. During the first two or three years of the grant the primary emphasis of clinical research and therapy was directed toward developing therapy concepts and techniques which are appropriate for use in an elementary school setting. This included working with school-age children in summer residential programs as well as with a number of elementary school-age stutterers in the Cedar Rapids school system. More recently the scope of our efforts along these lines has broadened to include a follow-up of the children's progress after they leave the summer residential program (to allow better description of carry-over of intensive therapy) and working with school clinicians to help them learn the concepts we've developed and help us learn the problems they face. Incidentally, the periodic follow-up technique used has suggested to us that there may be a more efficient way to schedule therapy than that now commonly used. It may be that a brief period of intensive therapy followed by periodic "booster shots" of therapy would be a quicker path to acceptable speech and would provide more protection against the commonly reported "relapses."

Closely related to the development of the therapy program for school-age children who stutter is the need for research concerning the various aspects of the problem among this age group. During the first three years of the grant this research primarily concerned itself with descriptions of the speaking

behavior of these children as compared with their normally-speaking peers. Generally, it was found that the stuttering children were more disfluent than the non-stuttering children but that the difference was a matter of degree since the two groups behaved similarly (e.g., adaptation rates for the two groups were quite close). Presently the focus of our research is shifting toward descriptions of the interaction of stuttering children with the other people in their environments. The evaluations and reactions which the child perceives are those upon which his behavior is based. Therefore, if stuttering therapy is to be improved and made more relevant for stuttering children, it is obvious that we must understand both the environment in which the child exists and the child's ability to perceive that environment. Research now being carried out on the grant is beginning to attempt to meet those demands. The degree of success of our efforts, of course, will be determined by the improvement of therapy with children who stutter.

The people currently on the project are Dean Williams, principal investigator; Margaret Evans, clinical research associate; Lee Woods, research associate; and Bill Yovetich, clinical research associate.

Editorials

PRACTICUM EVALUATIONS: During the 1968 Summer Session the University of Iowa Speech Pathology and Audiology Department circulated among its graduate students a questionnaire that dealt with an evaluation of the clinical training practicums that the students had taken. This evaluation appeared to be part of a general evaluation and analysis of clinical training programs that not only seemed indicated within our department, but within the entire professional area. These evaluations were turned in to Dr. Williams, and as part of the traditional skepticism of most of our graduate students it was expected that nothing more would be heard about them. But, to our surprise and extreme elation, two weeks ago we found a number of copies of a summary report prepared by Dr. Williams circulating in the student lounge (and I might add not as underground literature).

The report appeared to be an excellent and accurate summary of what students seemed to be searching for in a clinical training program; which of these elements were being met by the program now in existence and in which areas the students felt the program could be expanded. Feedback, comments, and criticisms were communicated to Dr. Williams who now plans to revise the report as needed and subsequently distribute it among the faculty and staff. The faculty and staff will discuss the evaluations and hopefully try to start implementing those portions which seem both advisable and feasible.

The students that participated in this evaluation would not only like to sincerely thank Dr. Williams for the excellent and thorough job he did in reporting on the effort they have devoted towards a sincere attempt to provide us with a training and education that I hope will make us competent, educated, and fulfilled clinicians.

In closing...in the words of Hillel - "The job is not ours to complete, but neither are we free to desist from it."

Or in other words...there can be much merit to telling it like it is.

A Pleasantly Surprised and Grateful
Graduate Student.

---Pauline Lipson

DIAGNOSTIC FIELD CLINICS: Each year the Iowa State Services for Crippled Children which is federally funded conducts approximately 65 diagnostic field clinics throughout the state of Iowa. These consist of 34 general field clinics and 31 specialized clinics (11 ENT, 15 cardiac, and 5 high risk) which are limited to children who have particular problems needing a special diagnostic staff and facilities.

Speech and Hearing consultants are members of the staff of all general and ENT clinics and last year examined 2500 children. All Iowa children under 21 years of age are legally eligible for these free diagnostic services. A referral from the child's local family physician is required for admission to a clinic and the name is requested of the child's local speech clinician or dentist to whom a confidential report and recommendations can be sent.

The local communities play a vital role in this diagnostic program. The clinics are held only at the invitation of and with the approval of the county medical societies of Iowa. Announcement of forthcoming clinics is made in the local and area newspapers and other communication media. The clinics are held in community buildings such as schools, churches, or hospitals. This community participation in the field clinics also involves the individuals who volunteer their services at the clinic site. These volunteers, many of whom are members of local service organizations, work as escorts, recorders, and examiners' assistants. This coordination of the SSCC staff and community workers begins about 6 months before a clinic and continues after the field clinic is over. Community planning conferences are held and involve invited representatives of the local school system, the welfare department, the health department, and SSCC personnel. These conferences serve to help meet the needs of the patients seen at the clinic and to arrange for follow-up care for them.

In general, the procedure for a field clinic is as follows. The registration, which is supervised by SSCC medical-social consultants includes assigning the patient a registration number and checking information such as name, address, and local doctors' names. Then the child puts on a dressing gown and robe and his height and weight are measured. He then returns to the waiting room where the patients are called in the order of their registration numbers for the examinations with those specialists who can best evaluate the particular child's problem. Any examiner who feels that the child should be seen by another specialist for whom he has not been scheduled, may so indicate on the registration chart and that child will automatically be referred to the specialist. After each examination, the examiner notes appropriate information on the chart and then records detailed information on a Dictaphone. These Dictaphone recordings are transcribed at the SSCC offices in Iowa City and then are included in the patient's permanent record. Specialists who serve as examiners at the field clinics include pediatricians, cardiologists, ECG technicians, otolaryngologists, physical therapists, ophthalmologists, pedodontists, clinical psychologists, speech and hearing consultants, and medical-social consultants.

Graduate students in speech pathology and audiology are given the opportunity to go on at least one field clinic as observers. Audiology students have been going to the ENT Field Clinics as examiners under the supervision of Dr. Anderson and the Department of Otolaryngology. The first day for the graduate student in speech pathology is usually spent observing and occasionally participating in the speech and hearing evaluations (averaging 35 evaluations per

day). These evaluations involve obtaining a history of the speech or hearing problem, administration of speech and hearing testing, and consultation with the parent concerning the findings of the examination and recommendations for future management. The second day is spent in observing the other specialists. These people encourage questions from the speech and hearing student and are more than happy to discuss and explain their examinations.

The speech and hearing student returns from a field clinic physically and mentally exhausted. But this is an opportunity for the student to integrate the wealth of information he has been receiving in classes for the past several years. The pieces of the puzzle begin to fall into place: etiologies of speech and hearing problems, roles of parents and teachers, differential diagnoses of problems, parent counseling, medical referrals, recommendations for remedial programs to parents, speech clinicians, and special education directors, etc., etc. At last many memorized facts are no longer useless; they are needed and needed immediately! There is a reason for being a graduate student in speech pathology, there is a purpose for courses, and there is a goal ahead.

Field Clinics which run from February to May will soon be starting. If you have not been on a clinic and will be graduating next semester (June or August), please contact Betty Benzies SSCC(353-3649).

----Carol Emerick and Cindi Mason

Alumni Notes

FRED D. MINIFIE (Iowa, 1963), THOMAS J. HIXON (Iowa, 1965) received first place awards for Scientific Merit and also for Excellence of Presentation for an exhibit at the 1968 ASHA Convention. The exhibit was a demonstration of "Ultrasonic Monitoring of Lateral Pharyngeal Wall Motion during Speech."

HAPPY HOLIDAYS!!