

Audiometer Produces Sounds To Help Detect Hearing Loss

A little machine called an audiometer used by the university speech and hearing laboratories "manufactures" sounds to detect hearing losses.

Dr. Lucile Cyprean, a speech and hearing therapist and supervisor of the laboratories, explained its use.

Audiometric tests are given on the second floor of Temple Building and are run on all age groups. Referrals are made by doctors, teachers, psychologists and parents. Most subjects tested are university students, veterans, and children.

And audiogram, or chart of such a test, is helpful in determining what kind of loss a person may have. Dr. Cyprean explained. In addition to the audiogram, a doctor's report and a history of hearing loss of the individual and that of his family are used.

Nerve Involvement

If Jimmy undergoes testing at the laboratories, he can find out whether he has only one damaged ear, whether there is a nerve involvement, a conduction loss or a combination of these kinds of losses.

Since remedial treatment is influenced by the findings, it is important to recognize the type of hearing loss. Dr. Cyprean pointed out.

An audiometer has a headset or pair of ear phones to transmit sounds to the person being tested. These are attached to the machine, which may resemble a closed type-writer.

Faces Examiner

The subject is seated facing the examiner so that he cannot see the control panel of the audiometer. The subject indicates whether or not he can hear sound at each frequency by speaking or raising his hand. Dr. Cyprean said.

The machine measures hearing losses in pure tones, and is regulated to produce a series of tones over a number of frequencies.

Frequency is the lowness or highness of a sound — what the ear hears. The higher the frequency, the higher the pitch that is heard by the ear.

The examiner starts with a given frequency, usually 1000 cycles, at a given intensity, usually 20 decibels. Dr. Cyprean continued. The examiner then takes the frequency down in loudness until Jimmy no longer hears it.

Threshold

The last sound Jimmy hears at each frequency establishes his "threshold." Jimmy's threshold for each ear is checked for each frequency up and down the scale.

A zero decibel of intensity

May Queen Deadline

Any senior woman with a 5.5 overall average or above may pick up an application for May Queen, in 207 Administration.

Mortar Board members are not eligible.

Candidates must include three pictures with the application for publicity purposes. The final date of application is Thursday at 5 p.m. All junior and senior women may vote for May Queen. The runnerup will be her maid of honor. The primary election is March 8 and the final election is March 15.

Church Essay Competition

Is campus religion vital? "Together," a Methodist magazine is seeking to answer this question through an essay competition on "Why I Go to Church."

Rules for the collegiate contest include:

1. Students must be between the age of 17 and 25 and enrolled full time in any recognized junior college, college or university. Pastors are not eligible.
2. Articles should be typed double-spaced in manuscript form on 8 1/2 by 11 inch sheets, should be between 2,000 and 2,500 words in length and must be accompanied by the official entry form found in the magazine.
3. The deadline is May 1, 1961. The first award-winning article will appear in the September issue of "Together" and all award articles will become the property of the magazine.

Certificates of \$250, \$150 and \$75 and five honorable mention awards will be presented. Decisions of judges (to be selected) will be final.

5. Articles will be judged on the basis of thought content, human interest and literary expression.

has been scientifically determined. It is the sound which can "just be heard" on that frequency by a representative sample of persons with normal hearing. This is the measure with which the subject's hearing or loss of hearing is compared. Dr. Cyprean said.

At the end of Jimmy's examination, results of the test are codified on an audiogram. A blue "X" is used for the left ear and a red circle for the right ear.

If the results of an audiometric test indicate nerve

deafness or perception deafness, something is wrong with the inner ear or the auditory nerve. Dr. Cyprean pointed out.

A conduction loss involves damage to the conduction system of the ear, such as damage to the ear canal or middle ear. The middle ear is that part of the ear which conducts sound to nerves, she explained.

"By testing thousands, we have found that people with nerve involvement have more high frequency than low frequency loss," she said.

Lions Clubs Will Aid University Vision Clinic

The Lions Clubs of Nebraska have announced support of a low-vision clinic at the University's Medical College eye department as a part of the "sight conservation" program of the Lions Clubs.

Campus Donors

Last September 64 members of Sigma Phi Epsilon donated their eyes to the Lions eye bank, a 100% cooperation which marked the start of Lions Club efforts to secure donors on campus.

The pledge was to result in donation upon death, and may be broken any time during the donor's lifetime. No money is involved for any donation.

Support from the Nebraska Lions' Sight Conservation Foundation, Inc., will enable the medical college to carry out a one-year pilot study to determine the value of the project as a permanent inclusion in the Eye Department.

Designed to help people with sub-normal vision to use what sight they do have to better advantage, the rehabilitation program stresses the importance of realizing that these individuals are not blind, but partially sighted.

In support of the project, the Lions pledged more than \$2,000 for installation of the clinic.

LITTLE MAN ON CAMPUS



"OH, HE'S NOT SO BAD A TEACHER, BUT YOU'LL FIND HE HAS HIS 'PETS'."

NIA Meeting Features Foreign Culture Festival

"Nahia" from India, dances from Panama and American folk songs will be combined Sunday evening in the first official meeting of the Nebraska International Association.

The University and community are invited to come to this NIA inauguration program which will begin at 8 p.m. in the Student Union ballroom. A business meeting for members of the organization will be held at 7:30 p.m.

Lusk Presents Piano Concert

Larry H. Lusk, piano instructor at the University, will present a concert at the Union ballroom at 7:30 p.m. Thursday.

The program includes "Prelude and Fugue in G Major," by Bach; "Nun Komm der Heiden Heiland," by Bach-Busoni; "Sonatine," by Ravel; "Variations on a Theme by Paganini," by Brahms and "Barcarolle, Opus 60," by Chopin.

Professors Display Art Masterpieces

Art work recently completed by members of the University art department will be on display in Gallery A of the University Art Galleries through March 12.

Jeanne Richards, Richard Trickey, Jeanne Fosnot, David Seyler, Tom Sheffield, Robert Almquist, all members of the art department and Tom Schmitt, assistant to the director of the University Art Galleries will exhibit their work.

Study in Guadalajara, Mexico

The Guadalajara Summer School, a fully accredited University of Arizona program, conducted in cooperation with professors from Stanford University, University of California, and Guadalajara, will offer July 3 to August 11, art, folklore, geography, history, language and literature courses. Tuition, board and room is \$245. Write Prof. Juan B. Rael, P.O. Box 7227, Stanford, Calif.

'Political Honeymoon' Era Different for Kennedy

*ERIC SEVAREID

The phrase, "political honeymoon" is being used every day, but it does not fit the case. What President Kennedy is enjoying is not the usual period of good humored tolerance automatically accorded a new leader by the fair minded American people.

He already possesses, because he has boldly reached out for it, something far more important than patient toleration from those who were against him and those who were skeptical. What struck me at once upon returning for a visit to this country was not so much the happy sense of confirmed judgment among those who had always believed in him, as the frankly volunteered admission by many of his natural political enemies that he has caught their fancy in spite of themselves.

How long this simple, visceral response to Kennedy's strong lead will last no one can guess. So far, it affirms once more the observation of Woodrow Wilson, who said that if a President "rightly interpret the national thought and boldly insist upon it, he is irresistible." The deepest instinct of America, Wilson wrote, "is for unified action and it craves a single leader."

The President is obviously aware of this: he knew by instinct that the equally divided November vote did not mean one half the people preferred to cling to the status quo, the other half desiring action. It seemed to me at election time, and I so wrote, that the country did want to move, but was uncertain of the address it had in mind. It is always for the national leader to identify the address, and this Kennedy is doing every day. In the doing of it he has created a "honeymoon" spirit in the

country quite different from that enjoyed by Mr. Truman, out of sympathy, in 1945, or that enjoyed by Mr. Eisenhower, out of affection, in 1953.

Kennedy and his unorthodox colleagues have created a true momentum, and it would be hard to exaggerate the importance of prolonging it. In at least two, and possibly three fields of policy the government is in the critical position of a band of men trying to push a heavy, stalled vehicle over a rise in the road. If they get it to the top, it will coast in the clear and its engines will pick up again. If their strength, their levers and pulleys fail, the vehicle will not remain where it is, but will roll back upon them, careening and wrecking with increasing speed and damage.

One such vehicle is the domestic economy. As employment creates more employment, so does unemployment create more unemployment; and one has the feeling that this recession is very near the critical point after which it will rapidly feed and grow, if it is not checked now, on its own poisonous, self-generated fuels.

The second such vehicle is the Atlantic alliance. It is not merely spinning its wheels in stationary position—it is definitely slipping downhill under the gravitational pull of disintegrative forces, too complex and numerous for explanation here, but which include the spreading psychology of European neutralism, the impasse over nuclear strategy, and de Gaulle's resistance to further unification until France is in a position to lead the new Europe, an outcome still years away at best.

A third such precariously situated vehicle may well be, not U.S.-Russian relations in general, for which no smooth highway is even in sight, but the mutual U.S.-Russian need and desire to begin to begin on controlled disarmament.

Success in this must be desirable in and of itself, illusory as it is to assume that a success here must lead to further successes in liquidating the worldwide cold war.

In the first two of these efforts it seems certain, and in the third it seems unlikely, that unless the Kennedy momentum is maintained—and for months ahead—the relative decline of Western power and influence will not only be arrested but will precipitously increase. We will all have to remind ourselves from time to time as he makes mistakes in his haste—as he surely will—the haste is by no means imposed upon the government solely by the President's nature but by the disintegrative nature of the West's present condition.

Morrison To Give Banquet Address

Governor Frank Morrison will deliver a banquet message at the annual University Community Beautification Conference, Monday at 6:30 p.m. in the Student Union.

Major speakers for the two-day conference include J. P. Plain, an executive for the Sears Roebuck Foundation; Robert Rucker of the University of Oklahoma, and a representative of the Nebraska State Engineers office.

Registration for the conference begins at 9 a.m. Monday. The activities will begin with a welcome by Dr. A. C. Breckenridge, dean of faculties, and Dr. J. O. Young, chairman of the department of horticulture and forestry at the University.

Honorary Hosts Top Ag Scholars

Gamma Sigma Delta, honorary agriculture fraternity, will hold an awards banquet to honor the top Ag College sophomores and juniors tonight at 6:30 in the Pan American room of the Student Union.

University Press Prints Winner

The University Press has published the best western non-fiction book in the U.S. in 1960—"South Pass, 1868."

The book, edited by Lola M. Homsler, director of the Wyoming State Historical Society, is James Chisholm's "Journal of the Wyoming Gold Rush."

Chisholm, a flute playing Scot, spent eight months in "end of track towns," mining camps and remote settlers' cabins. He was a correspondent for the Chicago Tribune and covered the gold rush of 1867.

Chisholm's journal is one of the few authentic documents relating to the South Pass gold rush and "South Pass, 1868" is the first time it has been published.

The best western award was presented by the Western Writers of America.

Judges for this year's competition were Irving Stone, author of "Men to Match the Mountains"; Robert L. Perkins, literary editor of the Rocky Mountain News, and Alan Swallow, a publisher in Denver.

Varsity



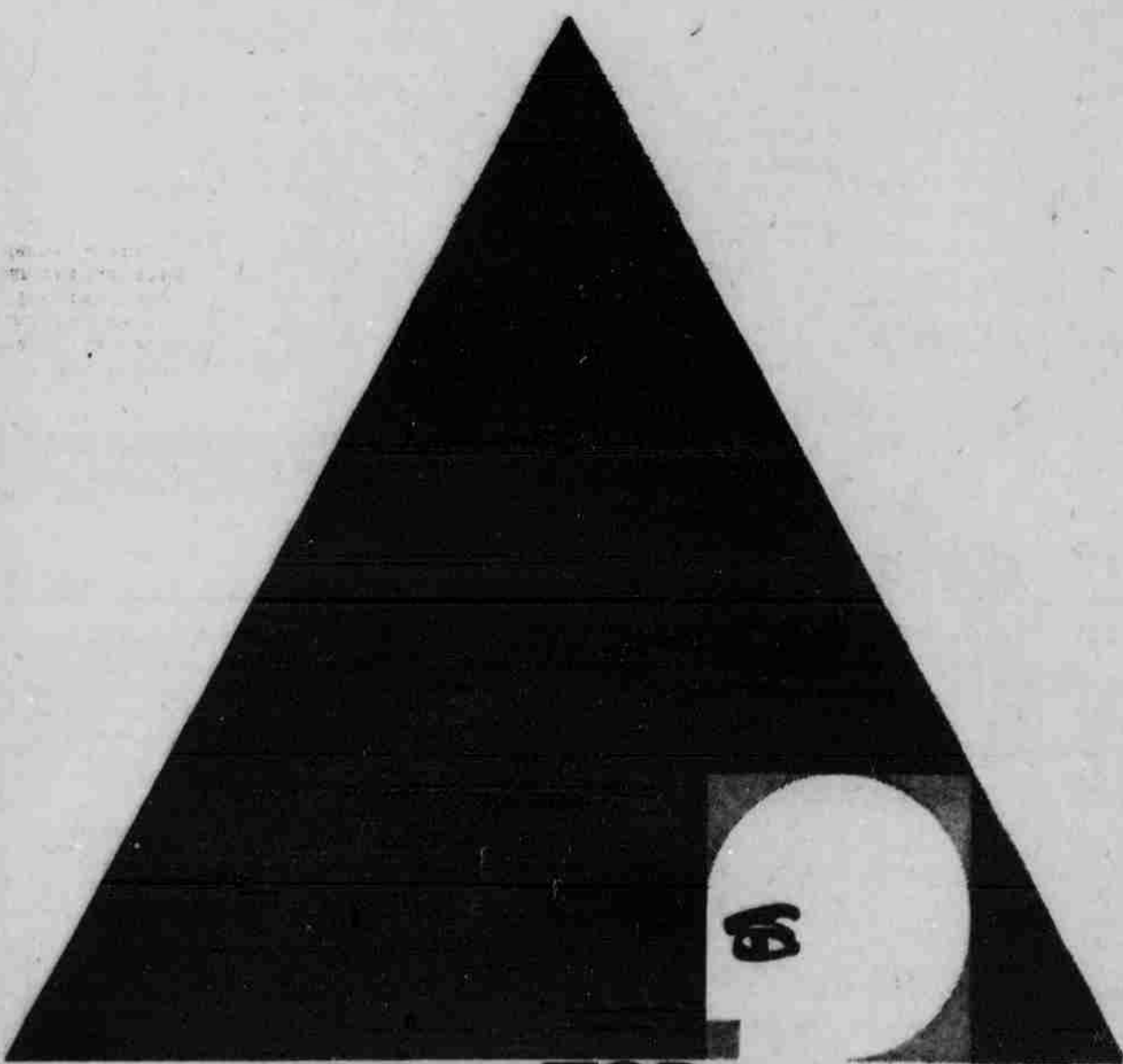
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| No. Words | 1 da. | 2 da. | 3 da. | 4 da. |
|-----------|-------|-------|-------|-------|
| 1-10 | .40 | .65 | .85 | 1.00 |
| 11-20 | .60 | .90 | 1.20 | 1.35 |
| 21-30 | .80 | 1.20 | 1.50 | 1.65 |
| 31-40 | 1.00 | 1.40 | 1.75 | 1.90 |
| 41-50 | 1.20 | 1.60 | 1.95 | 2.10 |
| 51-60 | 1.40 | 1.80 | 2.15 | 2.30 |

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