

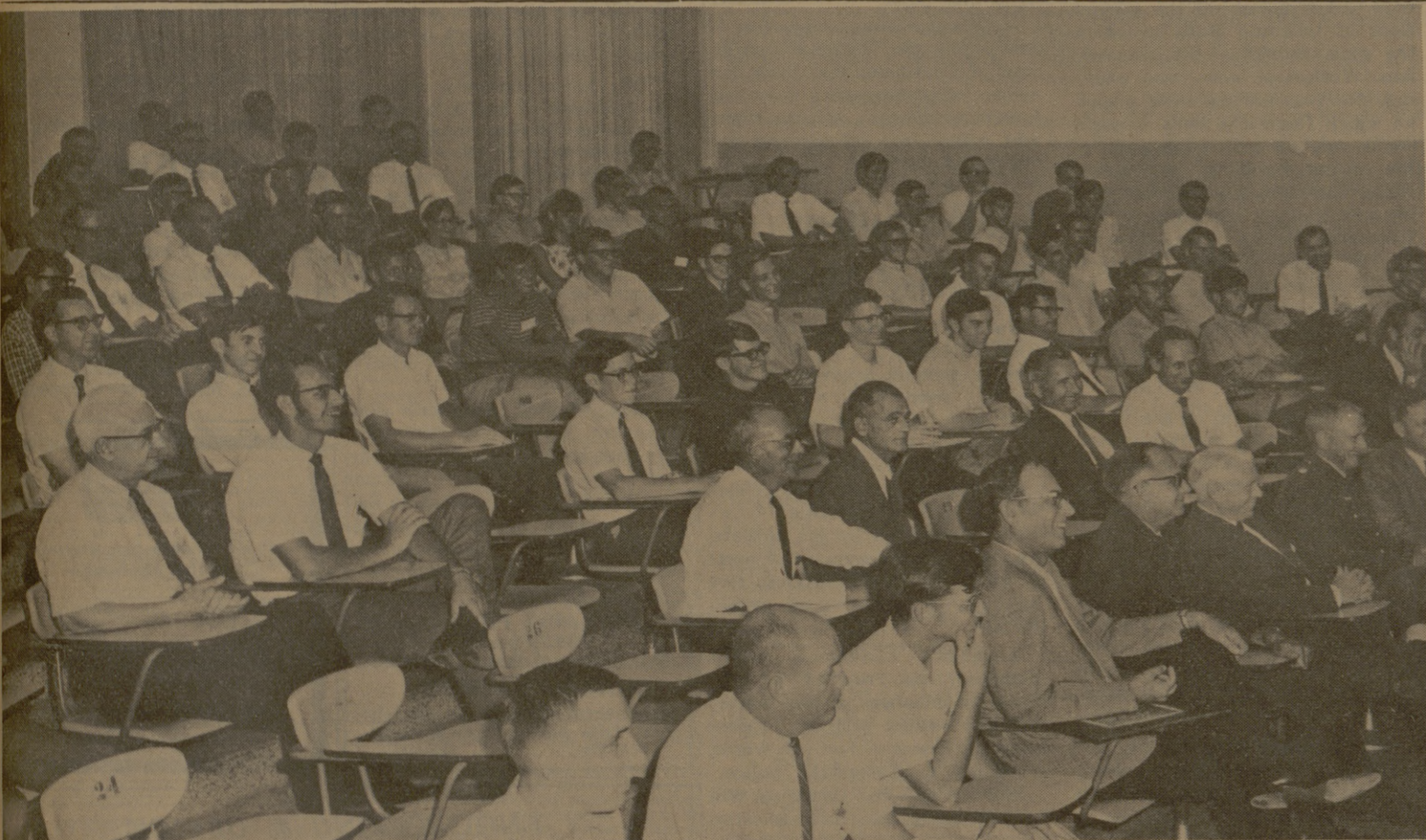
The Battalion



VOLUME 64 Number 132

COLLEGE STATION, TEXAS WEDNESDAY, AUGUST 20, 1969

Telephone 845-2226



TEXAS' BEST
The top 75 scholars among Texas' high school seniors of 1969-70 were at Texas A&M Thursday and Friday for the President's Scholar Candidates Congress. The scholastic-

A&M Hosts 75 Of Texas' Best

High school students who appear likely to be Texas A&M Class of 1974 pacesetters were the university's guests Thursday and Friday as President's Scholar candidates.

The 75 high school seniors and 25 to 30 principals were at A&M for the President's Scholar Candidates Congress. All 75 ranked at the close of 1968-69 among the top one per cent of the nation's high school seniors of 1969-70.

Fifteen to 20 of the visiting students received President's Scholar awards, the top scholarship given by Texas A&M. Designation as a President's Scholar at the beginning of a recipient's senior high school year includes a scholarship of \$1,000 each for four or five years study at A&M.

"These young men have been selected out of over 600 nominations submitted by high school principals throughout Texas," noted Robert M. Logan, financial aid director who conducts the program for President Earl Rudder.

"They are outstanding scholastically," Logan added. "They also are student leaders — class presidents, athletic team captains, drum majors and active in extracurricular activities, church and social life."

"They are No. 1 students, selected at the end of their junior years for President's Scholar nominations," injected Bobby Johnson, financial aid supervisor.

The candidates come from Texas schools with senior classes ranging in size from 15 to more than 1,000 students, Logan said.

"We believe the entire group can obtain at least a tuition award scholarship from A&M through Opportunity Awards, Science Honor Awards or other similar scholarships," he commented.

Logan said A&M's first 10 President's Scholars, who will be A&M sophomores this year, were all Distinguished Students both semesters of 1968-69. They had 2.4 or better grade point ratios of a possible 3.0.

"Of the 20 President's Scholars who will start classes at A&M next month, 19 have other scholarships recognizing their outstanding achievements," he remarked. "The other hasn't checked in yet but it's probable he does too."

Friday morning, Congress participants had a special orientation. Each President's Scholar candidate was then interviewed by a university staff member.

Principals, meanwhile, will be in a program presented by the Liberal Arts College and Education Department on innovative education techniques.

During an hour seminar early Friday afternoon, candidates, their counselors and parents

were briefed by representatives of A&M's various colleges. Department tours of the candidate's interest were made afterwards.

A dinner at Sbis Hall honoring the young men and principals concluded the congress, Logan announced.

President's Scholar awards will be made the first week of the 1969-70 high school term, probably between Sept. 1 and 15.

5 Aggies Receive Co-Op Awards

Five students in Texas A&M University's Cooperative Education Program received certificates in recognition of outstanding accomplishment in ceremonies this month.

Dean Fred J. Benson of the College of Engineering presented awards to four Aggies tied for first place in the employer evaluation competition. David Edward Hairston, sophomore aerospace engineering major from Arlington; James Russell Finley, Jr., junior in civil engineering from Iola; Chai-Man Chow, electrical engineering sophomore from Hong Kong; and Clark Alan Benson, junior chemical engineering major from Bryan, won the honors.

Hairston's employer is General Dynamics of Fort Worth, Finley works for the Texas Engineering Experiment Station, Chow is with Atlantic-Richfield of Dallas, and Benson is employed by Signal Oil in Houston. Employers made their evaluations on the basis of relations with others, attitude, application, judgment, dependability, ability to learn, and quality of work.

Winner of the research paper competition was Robert Kenneth Gish, sophomore in electrical engineering from Midland, who prepared his paper based on work done at Mobil Oil in Midland. Title of the winning paper was "Fundamentals of Logic."

Approximately 275 students are enrolled in the Cooperative Education Program in which periods of employment in industry

are alternated with periods of campus study, according to Assistant Engineering Dean John G. McGuire, coordinator.

"Texas A&M has had a formalized program since 1963, and each year has seen an increase in interest and participation," McGuire said. "Enrollment has doubled in the last two years."

McGuire indicated that the program appeals to many students because it offers practical experience directly associated with the course of study and provides a salary from which they can save for their education.

The University's goal is to produce a more mature and better educated graduate, McGuire continued. A flow of ideas between the University and the cooperating industries also results. The program is open to students from all engineering and science departments, including transfers from junior colleges and other universities.

The student spends at least three work periods in industry or with campus research organizations and usually graduates with his class in four years.

"Industry cooperation is excellent, and employment opportunities for our graduates are very good," McGuire concluded.

Principal speaker at the ceremonies was Dr. C. Floyd George, administrative associate at Atlantic-Richfield. Dean Benson made welcoming remarks. A steak fry for the students, administrators, department heads, and guests followed at Hensel Park.

Dorm Students Get Last Chance

Students who expect to live in a residence hall for the fall semester and have not yet made reservations should report to the Housing Office at once and fill out room reservation cards.

The following residence hall assignments will be in effect for fall, 1969: CIVILIAN — Hart (part), Law, Puryear, Mitchell, Leggett, Milner, Walton, Hotard (13), Hughes (14), Fowler (15—part), Keathley (16), Moses (17), Davis-Gary (18), McInnis (19), Moore (20), Crocker (21), and Schuhmacher (22).

CADET CORPS — Spence (1), Kiest (2), Hart (part), Briggs (3), Fountain (4), Gainer (5), Lacy (6), Leonard (7), Harrell (8), Whiteley (9), White (10), Harrington (11), Utay (12), and ATHLETIC — Fowler (15, part), Henderson.

Liccioni New Purchaser

George Dewey Liccioni Jr. has been promoted to purchasing agent for Texas A&M effective Sept. 1, announced purchasing director Wesley Donaldson.

Liccioni, 37, has been technical buyer for the university since Feb. 1, 1968. He replaces George W. Litton, who retired.

Liccioni and his wife, Beverly, live at 405 Dogwood St., College Station.

A former district superintendent for an oil company, Liccioni decided he wanted a college education. He sold his Sweeny, Tex., home and moved to Texas A&M in 1961.

He was 28 at the time. He worked as a student labor supervisor in the Agricultural Extension Service mail room between classes. In May, 1965, he graduated with a B.A. in history.

He worked as a purchasing agent for A&M's Agency for International Development program for the Dominican Republic in 1967, a one year program where over \$1 million was spent for agriculture equipment and supplies.



GEORGE D. LICCIONI
Bryan Building & Loan Association, Your Saving Center, since 1919. BB & L

The first floor of Hughes Hall will not be available for students to transfer belongings thereto at the end of the summer session. Students who will live there in the fall may either take their belongings home with them between the summer term and the fall semester or they may make arrangements with the Agronomy Society to store them in the

basement of Walton Hall, (845-3043).

Students who will live in Fowler Hall (15) and the first floor of Gainer (5) will obtain specific clearance from the Housing Office before moving belongings into their fall rooms. Students must vacate their summer rooms of all belongings unless they will be occupying the same room in

the fall.

Students who will live in any hall other than Hughes Hall must move their belongings to their new rooms by 7 p.m., Friday, Aug. 22. Halls which are not being used for summer school will be unlocked from 1 p.m. until 7 p.m. on Thursday, Aug. 21, and Friday, Aug. 22, to accommodate students who must move.

In order to protect student property, all halls except Crocker (21) and Schuhmacher (22) will be locked at 7 p.m. Friday, Aug. 22. Schuhmacher (22) will be available between terms only to students who have been assigned there for the fall semester. Such students may make arrangements at the Housing Office to live in their fall rooms. All other students requiring accommodations between terms should report to the Housing Office for an assignment in Crocker Hall (21). All arrangements for the between-term period must be completed by 5 p.m. Friday.

Any students found living in one of the halls to be left open who have not registered with the Housing Office in the between-term roster will be subject to legal and disciplinary action.

Direct Dialing Comes To Cities In Area

Completion of a \$3.5 million project makes it possible now for customers in Bryan-College Station and five other towns served by General Telephone Company in this area to dial their own long distance calls, announces B. A. Erwin, division manager for General Telephone Company of the Southwest.

Towns in the network are Bryan, College Station, Kurten, Caldwell, Somerville, Deanville, and Tunis.

More than 30,000 telephones and 17,000 customers are in the network, which permits customers to dial direct to millions of telephones throughout the United States and Canada.

All customers received an instruction booklet which tells precisely how to use the new service. Persons who have not received an instruction booklet or anyone needing additional copies may obtain them by calling the business office during regular office hours, Erwin stated.

The equipment making this new service available last Sunday is located in Bryan, Erwin said. Plans for modification of and changes in local equipment were begun more than four years ago. Additional long distance circuits have been added between Bryan-College Station and area towns so customers in the network can have access to the equipment. In addition to installing the intricate EDDD facilities in Bryan and surrounding towns, the overall project involved construction of a new central office building in Bryan and additions to existing buildings in College Station and Caldwell.

Erwin pointed out that General Telephone customers will have a more advanced type of long distance dialing service than most.

Auto Permits Are Available

Parking permits for the coming fall semester and the ensuing year are now available at the Campus Security office in the YMCA Building, according to security chief Ed Powell.

The cost of permits are \$10 per year for both faculty and students. For students the other prices are \$5 per semester and \$9 for two semesters.

"All customers having DDD service can dial station-to-station long distance calls; however, the equipment we have also permits customers to dial their own person-to-person, collect or credit card calls," he said.

"Long distance calls dialed by customers are automatically timed and all information about the call is recorded on punched tape, thus making the record of the call complete and accurate," he continued. The tape is later fed into a computer so the call is properly charged.

Two Texas A&M College of Veterinary Medicine professors have successfully performed the first open heart surgery on an animal at the university.

Dr. Kenneth Knauer and Dr. H. P. Hobson performed the surgery on a 35-pound chow-chow owned by Mrs. E. L. Keyser of 2907 Sunset, Houston.

Open heart operations on animals have been performed in other parts of the nation, Dr. Knauer said, but the A&M procedure has much value in terms of research and instruction.

The procedure used by the A&M surgical team was described in a recent publication by a veterinarian, Dr. James Ross of the Baylor Medical Center, Houston.

Dr. Knauer performed the surgery and reports the dog is recovering successfully from the operation. The surgery apparently eliminated the "pulmonic stenosis" condition.

The dog was referred to the A&M Small Animal Clinic by Dr. Clyde Slay of Houston. Dr. Knauer, assistant professor of medicine (cardiology), said the animal had a heart murmur and since he was a young dog they suspected it was congenital.

Extensive examinations showed the pulmonary valve separating the pulmonary artery from the right ventricle of the heart was defective.

Dr. Knauer felt the dog was born with a small valve and it had grown together leaving a very small opening from which blood was being pumped under high pressure to the lungs. The heart was enlarged and the

blood's high pressure through the small opening had caused a ballooning effect on one side of the pulmonary artery.

"This condition," Dr. Knauer

explained, "is one of the two most common congenital defects of the heart found in dogs."

The veterinarian has three choices: Do nothing and the dog

will live a few months; treatment with "digitalis" medications and the dog will receive help but will have a shorter life span, or treat with medications and cor-

rect the condition with surgery. He received assistance from Dr. Hobson, associate professor of surgery and chief of the general surgery team at the Small Animal Clinic.

Several A&M veterinary medicine seniors who graduated last week observed and assisted with the operation.

Dr. Knauer said the operation involved placing an instrument with retractable blades into the beating heart. The instrument is pushed through the pulmonary valve and the blades are extruded.

Bringing the instrument back through the valve cuts an opening and a probe is used to stretch the opening.

The surgery took 90 minutes, Dr. Knauer reported.

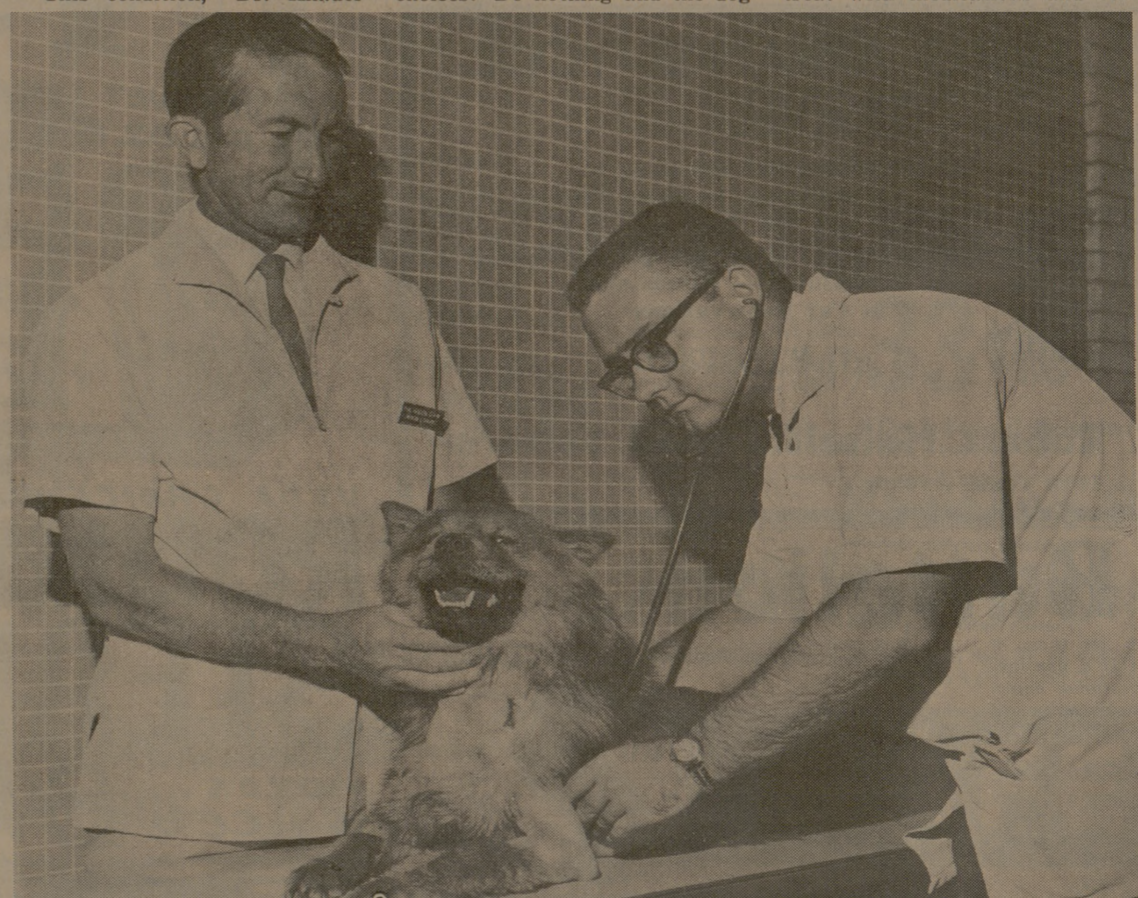
The cost of the surgery would be similar to that involved in open heart surgery to a human, Dr. Knauer related. However, A&M charges according to a person's ability to pay and a great part of the open heart surgery was charged off to research and instruction.

A sales representative for a television video-tape company was visiting the college the day of the surgery and the complete operation was recorded for future instructional use, Dr. Knauer related.

"The College of Veterinary Medicine is quite dependent on the practicing veterinarians for referred cases," Dr. Knauer said.

University National Bank "On the side of Texas A&M." —Adv.

Open Heart Surgery Here Successful



FIRST OPEN HEART PATIENT
Dr. Kenneth Knauer, right, examines the eight-month-old chow-chow he performed open heart surgery on at Texas A&M's College of Veterinary Medicine. It was the first attempted open heart surgery on an animal in Texas. Assisting Dr. Knauer is Dr. H. P. Hobson, head of the Small Animal Clinic general surgery team. Dr. Knauer is a cardiology specialist.