

The Battalion



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Dean Reveals Auto Fee Hike

By DANI PRESSWOOD
Battalion News Editor

Dean of Students James P. Hannigan revealed Tuesday a parking registration fee increase will become effective next fall to finance current and future parking facilities construction.

Approved by the Board of Directors last week, the fee would increase the rate from \$3 to \$5 per semester, \$3 to \$4 during the summer, \$6 to \$9 over for the nine-month regular term and from \$7.50 to \$10 annually.

"Parking fees will be the main source of revenue for the new parking lots," Hannigan said.

"With the extra and existing funds several new lots will be constructed as well as maintaining the present ones."

Hannigan added that until recently state funds had been used for parking facilities but a law passed recently prohibits the appropriation of state funds for that purpose.

Presently under construction is a lot at the junction of Spence Street and Farm Road 60 capable of holding about 220 automobiles.

According to Hannigan, an extension to the G. Rollie White Coliseum parking area will be built in the immediate future.

"This addition will extend the present lot south to the new tennis courts being constructed and provide space for around 700 more cars," he noted.

The Board approved \$75,000 for the project last week.

Another projected parking area site is a strip running several hundred yards along the west edge of the campus.

"This lot will go from Kyle Field to the underpass under construction," Hannigan said. "Several railroad tracks will be torn out to accommodate the parking site. Estimates are that it will hold a couple of thousand cars."

Hannigan predicted the construction of parking facilities on the lot west of the Memorial Student Center and east of G. Rollie White Coliseum, depending upon the site chosen for the proposed auditorium.

"Wherever the auditorium is built it will be surrounded by blacktop and the other area will have a smaller parking area," he explained.

A&M has 7,782 cars registered for on-campus parking, while street and lot facilities only accommodate 6,395.

Easter Seal Committee Plans Extensive Mailing Campaign

Clarence M. Jones, chairman of the Brazos County Easter Seal Committee, said this week a concentrated mail campaign in planned for College Station-Bryan late in March.

Funds raised from the local Easter Seal campaign will be used to finance local, state and national programs for crippled children. About 74 per cent of local contributions will be retained for the Brazos Valley Rehabilitation Center, transportation to hospitals and the annual Crippled Children's Clinic.

Jones, a Bryan architect, said the committee is planning a Lily Day for April 2 and a teenage

Anderson Resigns English Head Post

Dr. John Q. Anderson, head of the Department of English since 1962, will resign August 31 to accept a post at the University of Houston.

The folklore expert will be a professor of American literature at the Houston school.

Anderson joined the A&M faculty in 1953. A native of Wheeling, he received his Ph.D. from the University of North Carolina in 1962.

MARRIAGE FORUM Sociologist Says Truth Important For Happy Union

By ROBERT SOLOVEY
Battalion Staff Writer

Truth is stranger than fiction. And in the 20 years that Dr. Robert Ledbetter, University of Texas sociologist, has been counseling marriages, he has found that statement to be a basic fact.

Speaking Tuesday in the second of five forums sponsored by the YMCA, Ledbetter stressed how to make marriage meaningful.

There is no one element that will make a marriage a success. Sex is an important element but not necessarily the strongest element, he noted.

"Sex does not have the carrying power over the years," he said. He said that there are a great many expectations, often false, that each individual has of the other person prior to marriage.

"Most people haven't faced up to the realities of a relationship. Some become disillusioned when what they get isn't what they expected," he said.

Ledbetter cited a case where a young college girl apparently wanted to snub her boyfriend and did so by writing him a letter outlining her expectations of him that he couldn't possibly realize.

She wanted her future marriage to possess all of these qualities: love from both parties, similar interests between mates, the same religion, the same morals and trust, two children and similar political beliefs.

She also wanted a husband who was kind and considerate, a family man consistent but fair in discipline, good at remembering the little thing and dates, older and intelligent with nothing less than a master's degree, with a pleasing personality and who didn't smoke or drink.

She further wanted for a spouse a person willing to work so that she wouldn't need to take a job, attractive, independent of his family, a gentleman, an appreciative person, a person who would remain agreeable and never go to sleep angry, a person interested in travel (here she listed specific countries), a person who would give and take and be tolerant.

The boy replied with a letter in which he dropped his candor.

Ledbetter listed seven topics that could be used as weapons and cause emotional problems in early marriage.

1. Sex—it should be a great strength but is often used as a weapon of domination.
2. Money — the wife who goes on a shopping spree to get back at her husband until she finds out that he cancelled her credit.
3. In-laws — dependence on the support of the parent families and the wife's threat to "go home to mother."
4. Food — the wife who refuses to cook a meal because she is mad at her husband.
5. Children — who are used by their parents as tools and are caught between their problems.
6. Social relationships — whose friend to invite to a party or whom with which to associate.
7. Religion

"First there must be communication, it is a basic factor. Many people don't even know that they've offended their partners because they never discuss things with each other," he noted.

"There must also be an acceptance of each individual for what he is. Unfortunately, we rarely reveal our true selves prior to marriage."

"There must be an understanding of each other for the things that make them unique, and there should be love and affection; a combination of love, self sacrifice and true friendship," he concluded.

Pulitzer Winner Speaks Tonight

Pulitzer-prize winning historian-journalist Allan Nevins will deliver the fifth in a series of University Lectures at 8 p.m. tonight in the Chemistry Lecture Room. Nevins will speak on "Is The Press Properly Serving American Democracy?"

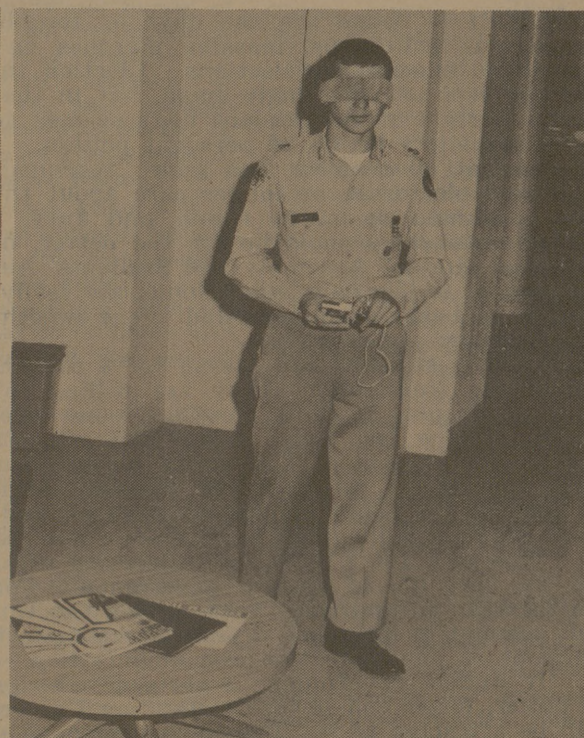
Nevins, president of the National Academy of Arts and Letters, has won two Pulitzer Prizes for literature.

He is the author of more than 30 volumes and is best known for his books on the Civil War.

Nevins has also won the Bancroft Prize, Scribner Centenary Prize, the Gold Medal for history and biography from the National Academy of Arts and Letters and the Gold Medal of the New York Historical Society.



INVENTOR ENCOUNTERS OBSTACLE ... begins demonstration of object detector.



MIMS MOVES AWAY ... detector guides him clear of table.

NSF Awards Research Aid For \$82,200

Two National Science Foundation grants for Texas A&M totaling \$82,200 were announced Tuesday.

The largest award, \$52,200, supports research by Dr. Charles D. Holland, Department of Chemical Engineering head. The funds will support his work on "Dynamic Behavior of Distillation Systems", for two years.

Holland and three graduate assistants plan to develop models for distillation columns at unsteady state operation of separating multicomponent mixtures.

Dr. Charles Squire, associate dean of the College of Science, is principal investigator for work on the properties of liquid. The project has been awarded \$30,000 for two years.

"Intrinsic Volume Viscosity in Liquids" is the technical title of the project. Squire expects to direct four or five graduate students in this field.

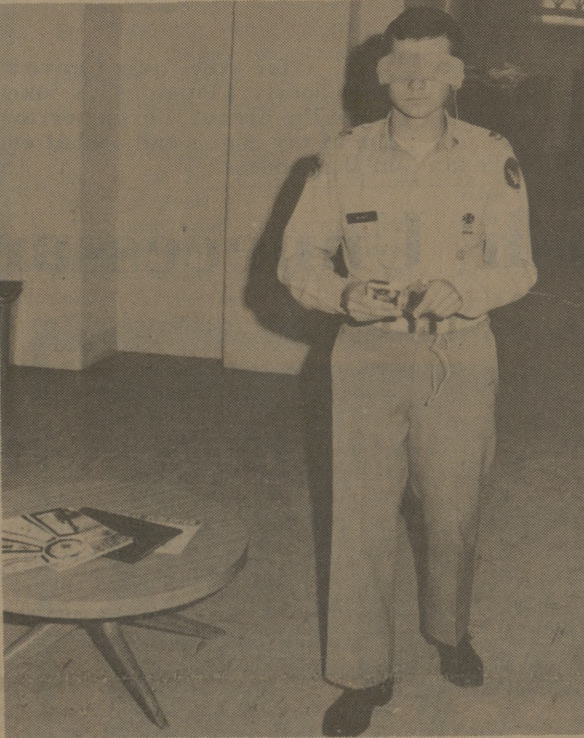
"We are looking into the properties of liquid argon" Squire added. "We expect to be world pioneers in finding properties of liquid neon."

The study has been aided by a \$1,000 gift of Freon-14 from DuPont Chemical Company.

Class Election Filing Open Until March 15

Sophomore, junior and senior class positions are open for filing in the Student Programs Office. The deadline is set March 15.

In addition to class officers, the three senior and two junior yell leader posts will be open. The election is scheduled March 24.



NOW STEPS ASIDE ... Mims almost around table here.



DETOUR COMPLETED! ... radar-like invention pans out.

Aggie Edison Revealed Invents Object Detector For Blind

By LANI PRESSWOOD
Battalion Amusements Editor

Whoever said there was nothing left to invent? Forrest Mims, a Texas A&M senior, has produced a device completely on his own which may eventually become an invaluable boon to the blind.

Mims, who calls his invention an object detector, finished his first prototype Monday and is now in the process of having it patented. It works on the same principle as radar, only using concentrated, infra-red light instead of radio waves.

In simplest terms, the device works this way:

A transmitter sends out a strong, invisible beam of infra-red light. This beam is reflected off objects in its path and is picked up by a highly sensitive photoelectric cell.

There, the reflected beam is converted to an audible tone by a four-transistor amplifier. The intensity of tone is determined by the distance of the object, so the closer the object the louder the tone.

Mims' unit is now contained in two small plastic boxes. To demonstrate the device's capacity for miniaturization, he hopes to complete a working model housed in a container just slightly larger than a pill box by the end of the week.

"I'm now in the process of getting financial backing from an on-campus group," Mims explains, "and my idea is to eventually develop a marketable seeing aid that would fit in a pair of eyeglass frames. A more advanced system would allow a blind person to detect any object in its path, whether it be a curb, wall or another person."

The gadget that makes all this possible is a little item known as a "light-emitting diode" composed of diffused Gallium Arsenide. Only the size of a pinhead, this laser-like source of infra-red light furnishes the origi-

nal beam and sells for several hundred dollars.

The lack of this costly little item delayed Mims for awhile in translating his theory into practice. So naturally he fell back upon a traditional Aggie virtue — initiative.

Mims promptly hitchhiked back to school and stayed up all night constructing his receiver, which is technically called a demodulator. He quickly fired off the finished receiver to the company and they responded with three of the expensive diodes to aid his experiments.

Several corporations have already expressed keen interest in Mims' plans and several professors who have seen his working model have all been enthused about his project's potential.

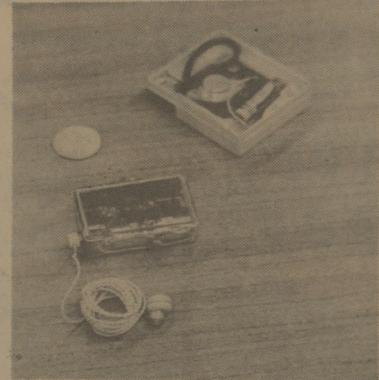
One of the most remarkable things about his success is that his knowledge of electronics has been self-taught. The 21-year-old cadet is majoring in government, not EE, and hopes for a career in intelligence work.

His activities at A&M have also been largely non-technical. He has been active in the Young Republicans, has been president of an area Baptist Youth Association and is now vice-chairman of the Great Issues Committee.

"A person can self-educate himself in the field as well as in the classroom," Mims observes, and his list of scientific achievements to date well back him up. He has constructed a four-transistor radio that fits into an ear, an even smaller one-transistor radio, numerous rockets, and several computers with a large vocabulary for translating languages.

Not many individuals can boast of such a wide variety of interests and achievements, but Forrest's roommate has remained singularly unimpressed — she's a four-month-old black widow named Madame Fang.

Tickets may be purchased for \$3.50 per couple from class officers or at the Student Program Office in the Memorial Student Center. Tickets will also be sold at the door.



COMPLETE UNIT ... receiver (left), transmitter.

Sophomore Ball Set For Saturday

Selection of the 1966 Sophomore Sweetheart will highlight the Sophomore Ball, scheduled for 8 p.m. - 1 a.m. Saturday in Sbsia Hall.

Sweetheart candidates include Sara Jane Ereckson, Ann Peacock, Betty Johnson, Cheryl Lynn Blair, Christine Marie Philquist, Sharon Willings and Sally Lindsey.

The dance will be patterned after last week's Combat Ball, with members of the Corps wearing fatigues with combat boots and civilians wearing sport shirts and slacks. Dress for the girls will be casual.

The Jades will provide the music. Tickets may be purchased for \$3.50 per couple from class officers or at the Student Program Office in the Memorial Student Center. Tickets will also be sold at the door.



PUBLIC SCHOOLS WEEK VISITORS

A College Station family studies a biology exhibit at A&M Consolidated Junior High School during Public Schools Week being observed in local schools this week. Schools will continue with special activities for parents through Friday.

talent contest during the March 25-April 4 local drive.

The drive, sponsored by the Brazos County Society for Crippled Children, will also aim at local public schools for pupil contributions. Jones said no student campaign is scheduled for Texas A&M, but that married students will be contacted.

"Single students have their ties at home," Jones explained, "but the married couples are more likely to be involved with Bryan and College Station activities."

Other Easter Seal committee members appointed by Dr. R. E. Leighton, society president, include Mrs. Charles Tanner, treasurer; Mrs. L. P. Coffey, service, civic and social clubs; Mrs. Clarence M. Jones, mailing chairman; Miss Judy Wendell, schools, and Dan Chadbourne, special advisor.

Local Easter Seal children are Byron Moore, son of Mr. and Mrs. B. D. Moore; Emily Adkins, daughter of Mrs. Orna Mae Adkins, and Kimberly Badgett, daughter of Mr. and Mrs. John L. Badgett, all of Bryan. Badgett is a student here.

Last year's Brazos County campaign raised \$2,804.45, with \$1,500 going to the Brazos Valley Rehabilitation Center.