

Tech Skyrockets To First Place Tie

SEE STORY, PAGE 7

FOREREADOR

THE TEXAS TECHNOLOGICAL COLLEGE

Vol. 36

Lubbock, Texas, Thursday, February 2, 1961

No. 47



JOHN CONNALLY

Registration Soars To Spring Record

By ANN BALZER
Foreador Staff Writer

Texas Tech has again broken an enrollment record. Monday afternoon the registration number for this spring semester climbed to an all-time high of 8,130 with registration still continuing. The previous high for the spring semester was 8,121, set last year.

Texas Tech has been breaking enrollment records since the fall semester of 1954 when a new mark for equivalent post periods was set.

Registration continued until 5 p.m. Wednesday, the last day for changing any classes.

Unaudited number for regular enrollment is 8,567.

According to Don Renner, assistant registrar, this number exceeded the expected number of 8,200 students. A special registration period will be held Saturday from 8 a.m. to noon for evening-program students to enroll.

This large registration number revealed that Texas Tech keeps its position as the second largest state-supported college or university in Texas.

First two days of classes showed evidences of the large enrollment with many seminars reaching over the 30 mark. Lecture classes of more than 100 students are becoming even more common as Tech moves toward becoming one of the largest colleges in the Southwest.

New buildings on campus also show the signs of Tech's growing pains. Buildings being utilized for the first full semester include the Architecture and Computer building and the new women's gym.

John Connally Speaks At Security Seminar

John B. Connally, newly appointed Secretary of the Navy, will be the featured speaker at the first session of the National Security Seminar beginning at 8:30 p.m., Feb. 6, in Municipal Auditorium.

The Seminar is co-sponsored by Texas Tech and the Lubbock Chamber of Commerce. Lubbock was chosen as one of the 14 cities in the nation and as the only city in Texas to hold a seminar in 1961.

The purpose of the Seminar is to explain the relationship between national economy and national power and to compare the economic and military potential of the United States and the free world with that of the USSR and its bloc.

Dr. W. M. Pearce, academic vice president, has authorized instructors who feel that a particular lecture topic will be pertinent to the subject matter of a class to assemble that class at the auditorium at the desired hour.

The Seminar will be presented in 31 hour-long, lecture-type classes. Except for the opening day when the session will begin at 8:30 with

a concert by the Tech Band under the direction of Dean Killoh, the average session will begin at 9 a.m. and, with breaks between classes and for lunch, and will last until 3 p.m.

Discussions will include orientation, US foreign policy, world military forces, technological progress, outer space, organization for national security, emergency management, Soviet communism, US human resources, financing national security, fuel and power, military requirements and purchasing, production and distribution, strategic and critical materials.

Also transportation and telecommunications, agriculture, civil defense, geopolitics, the western hemisphere, free Europe, far East, Middle East, Africa, South and Southeast Asia, Captive Europe, Soviet Russia, Geoeconomics, World Human Resources, Public Opinion, Mutual Security, Summation.

Tickets for civilians are \$12, clergy and teachers—free, military—\$6.00. Tickets may be used by more than one person as long as two persons do not attempt to attend the same session on the same ticket.

Forum Airs Issues Of College Concern

In response to a cry for "more cultural and educational" programs at Texas Tech, a new forum has been established specifically for this purpose.

The new forum, sponsored by Tech Union, will try to supplement regular college curriculum by offering an opportunity for students and faculty to learn about and discuss topics which may be ordinarily neglected in the classroom.

Sessions will be at 7:30 p.m. each Thursday beginning Feb. 9.

Scheduled programs are "Kennedy's Economic Policies" by Harry S. Walker, assistant professor of economics, Feb. 9; "Operation Abolition," a film made by the House Committee on Un-American Activities with commentary, Feb. 16.

Dr. Winfred Steglich, sociology professor, will lecture on "The Changing Relations Between the Races" on Feb. 23. A panel will discuss this topic on Feb. 30, led by the Rev. Dave Richmond.

Programs for the remainder of the year will be scheduled according to the desires of the participants, Bill Skeeters, chairman said.

Other topics under consideration are existentialism, the influence of religion in America, contemporary art movements and the restrictions on artists and musicians in Russia.

The new forum has been in organizational stages since early fall. Extensive work including correspondence with the Dallas Council on World Affairs by a committee of students interested in bringing programs of this type to Tech resulted in the current set-up.

"We hope there is sufficient interest on the campus to make a program of this sort popular," Skeeters said.

"It is somewhat a test of the maturity and sophistication of our student body. No longer let it be said that Tech students don't have an opportunity to discuss important issues," he said.

Cow's Teeth Get Dental Treatment

A somewhat unusual demonstration occurred on the Texas Tech campus Wednesday.

A cow had her teeth capped.

As a demonstration for veterinary science students, along with some area veterinarians and ranchers, a six-year-old Hereford white-faced heifer received stainless-steel caps on her lower jaw.

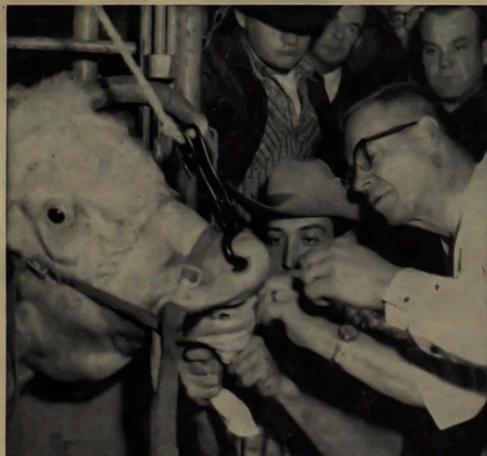
The dental work was performed by Jerry Hayne, a representative of Bovine Crowns, Inc., with Dr. Fred Harbaugh, Tech professor or veterinary science, assisting.

Experiments by Dr. Ward C. Newcomb, a dentist from Chappell, Nebraska, show that many types of grass are too abrasive and tend to wear down the eight lower front teeth of grazing cattle. The average life-expectancy of cattle can be increased from 9 to 12 years by protecting these teeth with caps.

"An animal is as old as its mouth," is the way Dr. Newcomb puts it.

Not only does the capping insure longer life due to proper nutrition and water consumption, but also improves the quality of calves.

Dr. Newcomb claims that the \$20 per cow cost of the caps is more than made up for by the increase in the productive life of the cow and the improved calf crops.



A STAINLESS STEEL SMILE

... a six-year-old heifer shows the new teeth caps she received Wednesday at Tech. Dr. Fred Harbaugh, veterinary science professor, demonstrates the capping procedure as Kelly Waggoner, senior veterinary science major, aids.

Hammarskjold Wants U.N. Troop Removal

UNITED NATIONS, N.Y. (AP) — Secretary-General Dag Hammarskjold asked the U.N. Security Council Wednesday for authority to take the Congolese army out of political conflicts threatening the Congo with civil war.

He made the request after Ambassador Adlai E. Stevenson, in his first speech as U.S. delegate, said the United States applauded the council's efforts to help the Congo's orderly transition to real

independence "through the secretary-general."

Stevenson called also for adequate financial and moral support for the secretary-general, long under attack from the Soviet bloc. He also urged that the council "avoid useless recrimination."

Earlier, Soviet Deputy Foreign Minister Valerian A. Zorin, joining in a round of welcoming speeches, hailed Stevenson as a champion of international collaboration and proposed "a patient search for mutual acceptable solutions."

MEMOS...

MORTAR BOARD

Mortar Board will meet tonight in the Tower Room of the Chemistry Building. The meeting will begin at 6:30 p.m. instead of the usual meeting time, 8:30.

RODEO ASSOCIATION

The Rodeo Assn. will meet tonight in the Aggie Auditorium at 7:30 p.m. All members and those interested in becoming members are urged to attend.

REHABILITATION CLUB

The Rehabilitation Club will meet for the first time this semester Thursday at 7:30 p.m. in the Psychology Lounge which is located next to the Testing and Counseling Center. Tonight's program is designed to present to the purpose of the club, its membership requirements, and the projects for this semester.

All graduates and undergraduate psychology majors and others who may be interested are invited to attend.

BUY TECH ADS

Tech Junior Goes To UN, Washington

While most Tech students are "meeting" second week classes, Bob Taylor, junior journalism major, will be meeting United States senators and representatives in Washington, D.C., and visiting the United Nations in New York.

Taylor is attending the 12th annual Citizenship Seminar for Students from Feb. 4 to Feb. 11.

Theme of the seminar, sponsored by the Methodist Student Movement, is "The Emerging African Nations and Their Impact on the United Nations and on American Foreign Policy."

The seminar will include talks by students from Africa; Eric Volters, member of the U.N. Secretariat, a U.N. representative from Ghana; and Senators John Brademas, Frank Church, Thurston B. Morton and the Honorable Chester Bowles.

Fifty-six students from all areas of the United States will attend, including four besides Taylor from

Texas. Other Texas delegates are from Rice, Texas Christian University, Texas A & I, and Texas Wesleyan College.

Delegates were chosen in each state by application and interview by the presidents of Wesley Foundations at a state meeting, then finally chosen nationally.

Delegates will visit the embassies of Ghana and the USSR. They will also attend the current New York stage production of "Advice and Consent."

The seminar will meet in New York for five days, then move to Washington for the remaining three days.

FFA Chooses New Officers

The Future Farmers of America elected Charles Stenholm to head a new slate of officers.

Other officers are James Walsh, vice president; Bud Hale, treasurer; Charles Cockburn, secretary; Tom Alvis, reporter; Roger Corbin, sentinel; Don Mauney, F.F.A. representative to the Aggie Council.

Committees elected are Scott Edgington, chairman of the programs committee; Tom Boucher and Gary Grogan, program committee assistants; Charles Fields, chairman of the refreshment committee; Wyatt Harmon and Gerald Peacock, refreshment committee assistants; Neil Morrison and Hugh Trotter, appointed to the Constitutional Revision Committee.

L. M. Hargrave will be the advisor. The F.F.A. will meet each Monday at 7 p.m.

Phi Psi's Elect Spring Officers

The Phi Kappa Psi's have elected officers for the Spring semester.

They are: Robert Rodgers, president; Frank Bray, vice president; John Porter, secretary; Charles LeBus, corresponding secretary; Trev Seymour, treasurer; Gordon Graves, pledge trainer; Mark Touchstone, historian; James Avinger, messenger.

Others are Glenn Shoup, sergeant-at-arms; and Chuck McHargue, chaplain.

Sigma Chi Selects Spring Officers

New officers for the spring semester have been elected by Sigma Chi, men's social fraternity.

They are: Gayle Mullanax, president; Wayne Underwood, vice president; Carl McKinzie, recording secretary; Dick Perkins, corresponding secretary; Howard Schulz, treasurer; Dick Toll, pledge trainer; Walt Brandburn, historian; and Buddy Wimberley, chapter editor.

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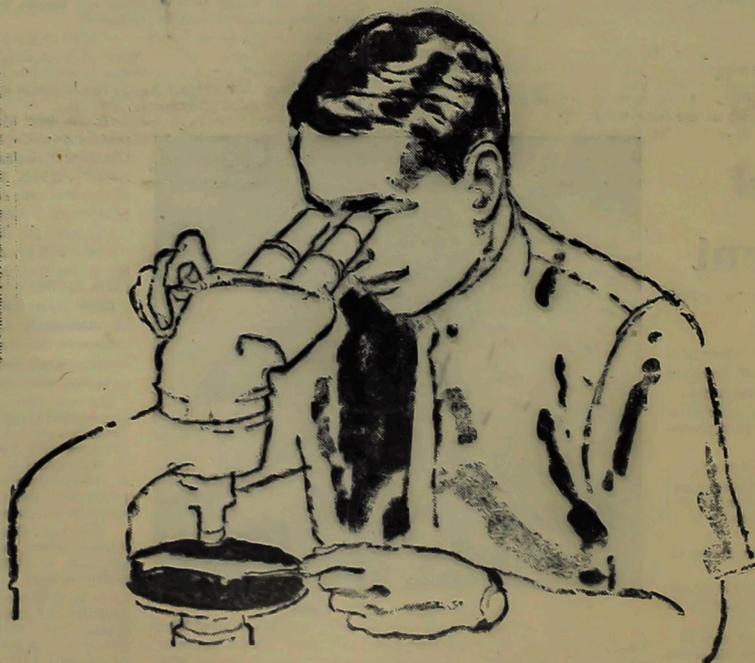
Jobs for students are limited, of course, so write soon to Du Pont, Room 2430-2 Nemours Building, Wilmington 98, Delaware.

(There are some jobs, too, for freshmen and sophomores, as lab assistants and vacation relief operators. They should apply direct to the Du Pont laboratory or plant of their choice.)



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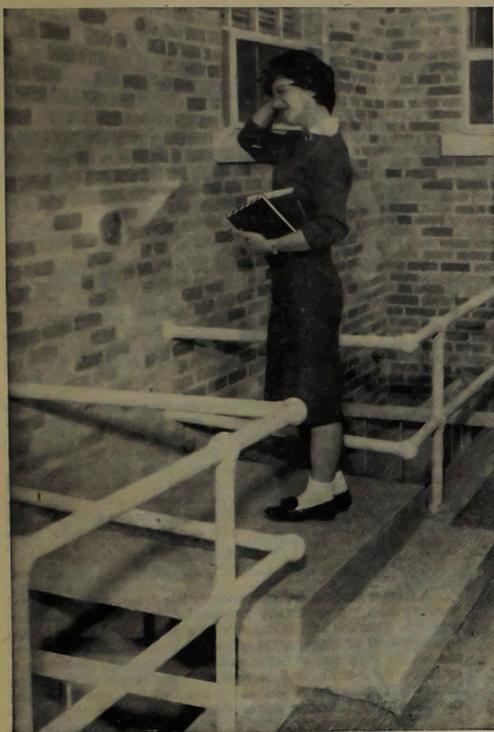
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SOMEBODY GOOFED — At least that's the way Sondie Nelson, freshman from Waco, appraises the situation. Tech's West Engineering Bldg sports a neat entranceway—minus door. Apparently the door was filled in with bricks sometime in the past, with the porch remaining—somewhat useless.

Professor Receives Engineer's Position

By **BETSY GILMORE**
Toreador Staff Writer

Texas Tech has another first. R. L. Mason, professor of mechanical engineering, has received the newest position on campus—that of college supervising engineer.

A professional engineer was needed in strengthening the building program of Tech, college officials have pointed out, and in taking care of engineering problems such as heating, air-conditioning, electricity, gas, water and general utilities.

Mason will both teach and practice professional engineering. During the long term he will teach half of the time and supervise engineering during the remainder. During the summer he will be supervising engineer but will not teach.

His responsibilities include working with architects and engineers in the preparation of plants and specifications for new buildings, and inspection of mechanical and electrical installations in new buildings.

Other duties are preparing plans

and specifications for mechanical and electrical renovation work that is in the small job class, and preparing plans and specifications for utility extensions for new buildings.

Mason helped in preparing the plans and specifications for the new boiler system. The new boiler doubled the steam generator capacity to that of heating the entire campus.

Mason was a student at Tech and graduated in 1932 with a B.S. in mechanical engineering. Ten years later he returned with his Masters degree from Kansas State.

FOR EUROPEAN TRIP

Five Tour Spaces Remain

There are only five more student spaces left on the SS AURELIA which sails for Europe for a 65-day tour of 12 countries under the leadership of Mrs. Alan Strout.

The trip, designed for college students, begins on June 9 and ends August 16 when the boat arrives at Montreal, Canada.

"The whole program on the boat is set up for young people," Mrs.

Strout said. The council on student travel sets up an agenda which includes dancing every night, two movies a day, open forums, talent shows, art lectures and language courses teaching practical things to say as how to order a meal.

Upon reaching Europe, English-speaking guides are prepared to show Tech students such sights as

the Buckingham Palace, in England, the Catacombs in Italy and the Notre Dame Cathedral in France.

Between guided tours students have days to shop, in London and Paris, swim in the beach on the Riviera, see four theatrical performances and eat in the Red Ox Inn, which Mrs. Strout describes as "a student union for Heidelberg University students for hundreds of years."

Students going on the tour can gain six hours of credit in English if they choose.

Tour prices are \$1199 for students traveling round trip on the steamer and 1294 for those traveling economy class round trip. This includes hotel, meal, sightseeing, special events, transfers, baggage and other items as well as trans-Atlantic transportation.

Students wishing to go on the European tour should contact Mrs. Alan Strout, 2512-21st st.

Educator Stresses Student Investment

A study of our free enterprise system in high school can help teenagers become sharp investors in American economy. A New York educator stressed this in his conference with approximately 60 social science teachers from West Texas, Colorado, and Arkansas at Texas Tech Monday.

Edward Schweikardt, Nyack, N. Y., history teacher, told the educators that his method of incorporating economics into a senior American history course has made his students aware of the structure of private enterprise financial systems.

The West Texas Schools Studies Council, the Sears-Roebuck Foundation and the Associated Public School Systems jointly sponsored the day-long conference.

While studying the American economic system, Schweikardt's students buy a share of common stock to watch its progress throughout the school year.

"After a long time in experimenting with different ways of teaching economics, I finally saw an answer—a practical project that the student could see every day—reading the financial page of the daily newspaper. A study of economics is a study of variations, and financial pages daily mirror the economic results of political, national and international events," he related.

Eventually, the students decided to buy a share of stock. Each senior history class at Nyack now chooses a student broker whose judgment they trust and respect. These student brokers meet with financial advisers, acquire a knowledge of common stock, report their findings to the class.

After making their investment,

the class continues to send for earning reports and to watch for the daily stock quotations.

"All develop an understanding of corporations, public and private finance, and the risks involved. Sometimes when their stock selection rises, they want to sell, but the project requires that they keep the stock throughout the school year," reports Schweikardt.

At the end of the year, the stock is sold and the profit, if any, is prorated to the fund shareholders, he said.

Daniels Announces Fee Refund Date

The deadline for receiving refunds on the \$10 parking fee is Feb. 13, announced Bill Daniels, Tech traffic-security chief.

A \$5 refund will be issued to students who have graduated at out of school. Refunds will be issued mid-year or who are dropping out at the Traffic-Security Patrol Office in the Livestock Pavilion until that date.



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KOEN STUDIOS

Bucket Ball
HARLEM GLOBE TROTTERS

Feb. 9, 1961

Game time is 8:00 p.m.

Tickets may be purchased at:

Sport Center, Holliday Inn Rest., Park and Rec. Off.

Discussion Tops BSO Meet Today

A special speaker and a discussion of the retreat in March will highlight the Board of Student Organizations meeting at 11:45 today in the Tech Union Ballroom lounge.

"Applicants will be interviewed for executive offices in a couple of weeks" Dick Toll, president, said. Officers must be a junior or senior the following year, an official delegate to the board, able to hold office for the full year, and have a 1.00 average the previous semester.



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TOREADOR

THE TEXAS TECHNOLOGICAL COLLEGE

Tech's All-American Publication

A New Weapon?

College Coeds Practice Judo

My, my, what won't they think of next? Judo has invaded the life of the college coed. An ACP feature release reports that the coeds are flipping over a judo course being offered at Hamline University.

Some 24 college cuties have enrolled and are learning at least 15 different judo throws. All of them have floored the two male instructors, and a doubting TV reporter who came to do a story on the class found himself lying on the mat.

Things have gone even further at Texas Christian University. There they held a judo tournament with more than 100 participants.

This seems like it might be a good idea for our own campus. We've plenty of girls and adequate gym space. We can't think of anything more lovely than a bunch of girls learning judo throws to the tune of "A Pretty Girl is Like a Melody."

With this new-found ability, Tech coeds might have to pay a few consequences, however. Like in the dating department?

One female judo expert at TCU pretty well summed up the situation when she said sadly to a TCU reporter, "I thought this might be a new way to get your man, but they're all scared of me now."

What about it, girls?

RALPH W. CARPENTER
Toreador Editor

We Favor It!

Constitution Needs Revamping

The framework of a government is its constitution. A student government on a college campus is no exception.

When Bill Dean and the other Student Assn. executive officers were elected to office last spring, one of their objectives for this year was to improve the Student Assn. constitution.

At the beginning of this year Dean appointed a committee to work on improving the constitution. The Supreme Court has also been asked to help with the committee, which is now aiming at a complete revision of the constitution.

Such a complete revamping of the constitution is sorely needed, as anyone very familiar with student government at Tech realizes. One of the problems arose last spring when a candidate for the Council was disqualified by the elections committee. The election rules gave the elections committee power to safeguard elections while the constitution said the Supreme Court was to fix the penalty for violation of election laws. To further complicate matters, the constitution provides that an election violation "will result in automatic disqualification."

Along with changes in the constitution, indications are there may be a rather comprehensive redrafting of the election laws this spring.

Both the constitutional revision and the election rules changes will go a long way toward improving Texas Tech's framework of student government.

It is our hope that student government on this campus will be strengthened to the point where it speaks with a powerful voice on matters directly affecting students. We believe university-level young persons should be given full opportunity to aid in solving the various problems which directly concern them. We also believe the elected representatives and officers in a college such as Tech will use such powers wisely.

While Tech's student government has shown definite improvement in recent years, its position as a strong representative voice of the student body has not been fully achieved.

We are in full support of the efforts to improve both the constitution and the election rules. It is our hope that such improvements will be part of an overall strengthening of the position of student government on this campus.

PRESTON MAYNARD
Managing Editor

TOREADOR

Member The Associated Press
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BUSINESS MANAGER, Larry Bridges
HEAD PHOTOGRAPHER, Travis Harrell

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Ralph's Ramblings

Tom Schmidt, the gentleman who occupied the editor's chair last year, dropped in for a visit last weekend with the Toreador gang. Tom has resigned his position with United Press International and plans to enter the service soon. His presence brought back old memories such as the ill-fated "Ghost Writer" column and the demise of the "Iconoclast." If you weren't here last year you don't know what I am talking about but it's not a big thing anyway.

I had the privilege of serving as sports editor on last year's paper under Tom and have many happy experiences to show for it. I didn't always agree with Tom on every stand he took—but I damn well realized he had the right to say it. It's a constant struggle in this business to keep your head above water. There is always the danger of neglecting the things that should be said—especially in a college publication. I don't think anybody realizes the problems that face the college editor. His is a unique position and you have to be one to realize it fully. More on this later.

—RWC—

A former student dropped into my lair today, and as all good conversations go, we finally got around to the subject of the economic situation of the country as a whole—which we agreed was in a hell of a shape. Of course, this meant that we batted around the high cost of living as being something like the baseball that Babe Ruth used to send over the fences of the major league ball orchards. If you are a baseball fan, you know that the Bambino's towering drives started low and gradually disappeared from view. The cost of living today as compared to a short while ago can certainly strike some resemblance to those soaring homers. Prices of goods are going above and beyond the common man.

This economic chaos also affects those of us on the college level. The student has probably already noticed that Gov. Price Daniel has recommended that the tuition for state supported schools be raised from \$50 to \$100 a semester. With the urgent need for more teachers making better salaries and being surrounded by better facilities, I guess that will be just one of those things that we will have to accept with a smile—or at least a weak grin anyway.

But there are areas in which the student could or should have the benefit of his situation. Foremost among these areas are the high costs of entertainment and books. Of course the entertainment is strictly up to the individual student. If he spends beyond his means for shows, parties and whatnot then he has no one to blame but himself. We don't look for the entertainment entrepreneurs to come down on their wares. There have been times in the past when petitions were presented asking for special student rates (picture shows) but to no avail.

But books are a different matter. Every student must buy books, either from the campus bookstore or one of the privately owned College Avenue stores.

The ex-student said that the first semester he was here at Tech, which wasn't too many years ago, he took five subjects and spent only \$15 on books.

Today a student will spend around \$35 or \$40 on books for that many courses. The cost of living and education is going up just like everything else—WHERE WILL IT END?

LITTLE MAN ON CAMPUS



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AFTER SPACE JAUNT

Chimp Returns Healthy

By ALTON BLAKESLER
Associated Press Science Writer

CAPE CANAVERAL, Fla. (AP)—Ham's home, he looks healthy and happy, and is right back at work doing his bit to further man's dream of voyaging in space.

BUT THE 37-pound chimpanzee faces nothing so spectacular and giddy as his 19-minute roller coaster ride into space Tuesday.

Instead, he's again pushing levers to see if he's still as skilled as before and to check his mental reaction with his performance on his ride.

THAT JOB was reported apparently quite well done, despite crushing forces of increased gravity before and after more than six minutes of freedom from gravity pull, when Ham felt he had no weight at all.

One concern has been whether men can think and react normally under such stresses.

PEERING ABOUT with lively, curious, brown eyes but uttering not a sound as he scuttled about in an aluminum cage, Ham arrived at 1:11 p.m. EST in a gentle touchdown of a C131 Air Force plane on a sun-bathed airstrip.

A bit more than 25 hours earlier he had zoomed up from Cape Canaveral in a Redstone rocket and bobbed around in the South Atlantic for 2½ hours before being picked up by a helicopter. Then he spent the night aboard a Navy ship, rode a helicopter to Grand Bahama Island for more medical checkups, and took an hour's flight home.

HAM BLAZED the way for a human astronaut to attempt the same type of trip, perhaps this spring.

Later would come rides in more powerful rockets to send a chimp and then a man into orbits around the globe.

But this was Ham's day, and the word was "all's well" from highly pleased Maj. Dan Mosely, heading the medical team which trained and cares for him.

A COUPLE of physical checkups and even X-rays disclosed

"nothing to indicate any abnormality," Mosely said.

Ham is eating normally with a good appetite, keeping a partiality for apples and bananas, and "while I won't say he's happy, he looks happy," Mosely added, explaining he can't read Ham's thought.

TRUNDLED OFF in a white station wagon to his old quarters, Ham was to do a half-hour workout slapping levers at precise timings to avoid getting slight electric shocks.

He'll get more such workouts for the next two days, as well as detailed physical checks, the veterinarian said.

MOSELY DISCLOSED Ham had been subjected to a force of 16 times gravity—not 12 as first indicated by radioed data—a very heavy stress.

It came about because of a slight error in the rate of fuel consumption in the rocket, which touched off reactions carrying the rocket at a speed of 800 miles an hour faster than intended, and hurling Ham 155 miles high and 420 miles down range. This meant 40 miles greater height and 130 miles more distance than planned.

Collegians Present Comments On Africa's People, Problems

(ACP)—Africa, its people and its problems, get increasing comment in the college press.

Political science professor Robert O. Byrd, in Africa on a year's leave, writes to his school's North Park College NEWS, Chicago: "The universal thirst for education is one of the most marked characteristics of Uganda and I'm told, of the rest of Africa as well. The way to get ahead in politics here is not to promise a new post office or some public works, but to go abroad and come back with 50 or a 100 scholarships in American or European universities.

PHOENIX, Our Lady of the Lake College, San Antonio, Texas, makes this general observation, typical of those in many papers:

"The 'awakening' of Africa today is unique in world history. It cannot be paralleled to the settling of America by groups from all over Europe nor to the rise of the nations of Europe in earlier centuries. . . .

"The situation is made even more singular and significant by the fact that never before in the history of the world has the gaining of the tiniest parcel of land . . . meant so much to so many powerful nations."

Beauties Await Trip To Taos

Two days of fun in the snow await Texas Tech's top beauties at the Hondo Ski Lodge in Taos, N. M., Feb. 14 to Feb. 16.

This trip, sponsored by Sigma Delta Chi, men's professional journalism fraternity, and the Hondo Ski Lodge, is one of the awards for winners of the La Ventana beauty contest and Miss Playmate. Pictures for the La Ventana will be taken at the lodge.

A one-point grade average is necessary for those who plan to make the trip. The eleven beauties are Joan Wienke, Marlee Kochis, Judy Boney, Suzanne Moody, Carolyn Horschler, Judy Wells, Malinda Crocker, Mary Peveto, Lynda Elmore, Nancy Ezell, and Sandra Broxton.

Center Opens For Visitors

Texas Tech Bible Chair will have an open house from 6:30 to 9:30 p.m. today.

Activities for the evening include getting acquainted with the students and the Bible Chair, a puppet show, guitar trio, devotional, and refreshments.

The Bible Chair is sponsored by the Churches of Christ at 2406 Broadway (one block from the campus).

Educators Discuss Graduate Training

Graduate training necessary to fill new standards of the American Assn. of School Administrators was discussed at Texas Tech Monday by representatives from eight West Texas colleges and universities.

Association members will be required to have the equivalent of 60 semester hours of study beyond bachelor's degree courses. At least a third of that study must be in subjects other than education.

Included in the all-day conference in the Tech Union building workshop were 15 educators representing Texas Western, Sul Ross State, Midwestern, West Texas State, Abilene Christian, McMurry, Hardin Simmons, and Tech. Texas Education agency and other leaders in teacher education in the state met with the college representatives.

Host was Dr. Morris Wallace, Tech education department head.

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- Naval Tactical Display Systems
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- Air-to-Air Missiles
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- Tunnel Diodes
- Infrared Devices
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Stars Await Watchers At Museum

West Texas Museum will continue showings in the Planetarium featuring constellations of the winter and spring skies on Monday evenings at 7 p.m.

Other Museum features scheduled for the month include "Toros Bravos," a collection of paintings by Manuel Acosta, photographs, posters, costumes and equipment of the bullfight, from the 1961 Sun Carnival Exposition at El Paso's Rotunda Gallery. Twilight Music Hour, "An Afternoon of Chamber Music," by the Lubbock Chamber Society, will be presented Feb. 12, one performance only from 3:30 to 4:30 p.m.

Telephone Search Continues

By JAMIE MIERS
Toreador Staff Writer

The search continues for the answer to Tech's communications problem.

Texas Tech is one of the nation's leading colleges and yet the telephone system which is now in use is unmistakably inadequate. The problem has been recognized; however, a solution is yet to be found.

A RESEARCH paper prepared by Gary M. Cunningham and Sidney J. Parkis, two business administration student has given considerable thought and work to the problem.

An extensive survey of the telephone systems of other colleges and universities and a survey of the number of calls made from Tech was undertaken by the two in a search for an answer to one

of the most distressing problems to Tech students at present.

IN ORDER to compare Texas Tech with other state supported colleges and universities, fifteen schools were surveyed by mail. Results of this survey showed that Tech has about the same type of service as most schools. Several, however, have much more effective systems.

Five schools reported telephones in every room, and three of these were very satisfied with their systems.

OUT OF all of the schools surveyed, Louisiana State University was found to be the most similar to the needs of Texas Tech. LSU has 10,000 students enrolled compared with Tech's almost 9,000.

At Tech, some 4,200 students live on campus. LSU has 4,050. Neither has sorority houses; both are served by the Bell Telephone

System; both are located in cities of similar size. At neither school are public funds available for student housing.

According to the report, LSU has a central switchboard taking all incoming calls. Outgoing calls may be dialed. Telephones are located in each room in all women's and most men's dormitories.

SWITCHBOARDS are operated around the clock, however dialing is cut off in student rooms from 11 p.m. until 7 a.m. Sunday night through Thursday, and from 12 p.m. until 7 a.m. Friday and Saturday night. Students may reach the operator at all hours. Long distance and local emergency calls are also put through at all hours.

When sufficient funds are available for installing room telephones Texas Tech might possibly adopt a system like the one at Louisiana State University. Until that time improvements need to be made on

the present system employed at Tech.

AS STATED in the report, 19.9 per cent of all calls are placed to Drane Hall and 19.1 per cent to Knapp Hall. Weeks Hall, Horn Hall, and Doak Hall would receive only 11.2 per cent, 9.4 per cent and 6.5 per cent respectively.

Since Drane and Knapp receive about twice as many calls from men's halls, they need twice as many direct line connections.

More direct lines should be installed to these two halls. This not only would improve service between these halls, but would eliminate a large amount of traffic over outside lines, making them available for calls to places off the campus.

Even though these improvements would not create a perfect telephone system, it should be fairly adequate to fill the needs of the students until enough funds are available to install an improved system.

Dorothy Garner, assistant dean of women, and Robert Hilliard, assistant dean of men, when interviewed by Cunningham and Parkis, said that the present system of hiring students to operate the switchboards at 50 and 55 cents per hour deducted from room and board, is very successful.

DEAN GARNER explained that the Dean of Women's Office is opposed to private telephones in women's rooms because of the lack of control over their use, and the possibility that excessive long-distance bills would result from some persons using others' telephones.

Four counselors of women's halls expressed the opinion that there should be a telephone in each room. Miss Alice May of Weeks Hall believed that women in her hall, all of them upperclassmen, could handle private telephones without difficulty.

IF A NEW system were installed, the administration could pay for moving its present switchboard to the old kitchen in Doak Hall with all other installation charges coming from housing funds, the report shows.

"The increased monthly charges (of private phones) will be partially absorbed by the elimination of salaries paid to switchboard operators for each residence hall. If necessary students could be charged an amount in addition to room and board for telephone service as they are at Louisiana State," Cunningham and Parkis said.

EVEN THOUGH the Tech system seems inadequate to most of its students, the Cunningham-Parkis report shows that it is ahead of some large colleges, particularly in the notification of guests.

At the University of Missouri, women are notified of guests by a buzzer system but there is no provision for men. At Arlington State, men are notified by messenger only.

ARIZONA State University has one of the more effective systems. It utilizes buzzer, telephones and a public address system.

"The most urgent improvement that needs to be made at Tech is in the buzzer system at Doak Hall," the report indicates. The electrical short circuit often gives the operator an electrical shock which is more unpleasant than dangerous at present, although it could become more serious.

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Raiders Beat Frogs, 89-75

By CHARLES RICHARDS
Toreador Sports Editor

The Texas Tech Red Raiders, led by the long and short of it all—6-9 Harold Hudgens and 5-10 Del Ray Mounds—rolled by the Texas Christian Horned Frogs 89-75 Wednesday night and into a share of the Southwest Conference lead with the idle Texas Longhorns. Mounds scored 26 to take point honors for the night, and Hudgens finished close behind with 25. Playing in the Frog's own backyard at Public Schools Gymnasium in Fort Worth, the Raiders jumped into a quick 13-3 lead over the Christians and were never headed. Mac Percival made the first two points for Tech with a short jump shot, and Hudgens connected on one of his hooks to give Tech a 4-0 margin.

Alton Adams and Tom Patty traded shots before Patty was fouled by the Frogs' Tommy Pennick, and after his point and a wide open layup by Hudgens, the Raiders were in the lead 9-2.

Tech then committed its first foul of the night, and Adams connected on the charity toss to make it 9-3. Two quick baskets by Hudgens and Mounds gave Tech their 13-3 lead. Hudgens' two free shots nullified a jump shot by Phil Reynolds of TCU, and Percival opened the margin again, 17-5, with a driving layup.

The Froggies began their first threat after the Raiders had taken a 23-12 lead. With Pennick and Johnny Fowler hitting for two baskets each, the Frogs scored 10 consecutive points to move to within one point of Tech, 23-22.

Roger Hennig then scored for Tech to break the drought, but the

Froggies did too. Then, leading 25-24, the Raiders used the efforts of four different players to make 8 straight points to move safely out front again.

At this point, Tech's Mounds took charge of the scoring for Tech, making the Raiders' last seven points in the half, and the Raiders led by 8 at the half, 40-32.

The last half started in a fashion similar to that of the first, with Mounds driving in for a layup to give Tech a 42-32 lead and the first score of the second half.

Reynolds cut the lead back to 8 points again with his shot, but then Mounds once more took charge for the Raiders, scoring 6 points in a 9-point surge by Tech that widened the score to 17 points, 51-34.

With Pennick hitting before and after a score by Patty, Texas Christian edged slightly closer, but Mounds hit a charity shot and Hennig a two-pointer to send the Raiders even farther ahead.

Reynolds scored twice to hold the lead down, but once more the

Raiders pulled away. Hennig and Hudgens led the scoring spurge, and the Raiders enjoyed their largest lead of the ball game, 72-45.

From that point on, the Raiders traded points back and forth with Frogs until, with an 80-57 lead, Tech Head Coach Polk Robison began sending in his reserves.

One more Frog rally was short, and the Raiders were victors 89-75. The final figures had, in addition to the high point efforts of Mounds and Hudgens, Patty 13, Percival and Hennig 10, Milton "Mo" Mickey 3, and Bobby Gindorf 2.

Warnell ended the game as high for TCU with 19 points.

For the Raiders, the Wednesday night contest meant everything. With the win over Texas Christian, Texas Tech now has a Southwest Conference lead with 4-1 record and is tied for the Texas University, the only team to defeat the Raiders in conference play.

The Raiders' next game is Saturday when the Baylor Bears, win-

less in conference action this season, move into Lubbock for a league match.

Tickets for the Saturday contest, with a near-capacity crowd expected to see the league-leading

Raiders, may be obtained either at the ticket office in the athletic building south of the football stadium or may be purchased at the Coliseum box offices prior to the beginning of the Baylor game.

Cage Action Resumes In 'Mural Play

Basketball action began again Monday with ten teams meeting in the first games played since the beginning of the Christmas holidays.

In a new league, the Independent League No. 2, Phi Epsilon Kappa and Delta Sigma Pi started off the season in a winning fashion by defeating the Worthless Wonders and the Pack Rats respectively. Phi Epsilon Kappa won 69-44 and Delta Sigma Pi had a winning margin of 52-35.

In the other league playing Monday night, the Independent League No. 1 played three games with a ten-point margin being the biggest spread.

Behind the 35 points of Jimmy Short, the Ringers challenged Church of Christ, but fell short in a 61-58 loss. In other games, the Romans beat the Rebels 54-52 and the Creepers defeated Newman Club 41-31.

The Fraternity League resumed action Tuesday night with four games, most of which were decided by relatively large margins.

Phi Gamma Delta won over Alpha Tau Omega 59-34, Phi Delta Theta triumphed by SAE 60-40, Kappa Sigma beat Sigma Nu 74-37, and Pi Kappa Alpha took their game with Phi Kappa Psi 56-35.



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Tech Swimmers Fall

By JAMIE ANDERSON
Toreador Sports Writer

Texas Tech managed only one victory over the swimming and diving team of the University of Texas in a dual meet Tuesday afternoon. The Longhorns broke one pool record in grabbing first places in the remaining 10 events to post a 70-25 victory over the Red Raiders.

Jim Tom Davis scored an impressive win in the 200-yard individual medley for the lone Tech victory. He covered the distance in 2:15.9, with Doug Duwe of Texas finishing a distant second with a time of 2:24.0.

One pool record was broken by Texas. The Longhorn team of Bob Taylor, Charlie Lucas, Duwe, and Jerry Katz set the mark in the 400-yard freestyle relay. Their winning time of 3:38.0 clipped a full second off the old mark set by Southern Methodist last year.

High point man for the meet was Doug Duwe of Texas with a total of 9½ points. Included in his score were a first place in the 100-yard freestyle, a second in the 200-yard medley, and a leg on the record-setting 400-yard freestyle relay team.

In the 3-meter diving event Gordon Beavers of Texas copped first place over Eugene Holt and Richard Vawter of Texas who finished in second and third place respectively. Earl Beatty of Texas performed in exhibition in the diving contest.

Next engagement for the Texas Tech squad will be against the Air Force Academy team in the Red Raiders' pool at 7:30 p.m. Friday. In a previous encounter with the Falcons last season the Raiders lost a 49-46 decision.

400-yd medley relay—1. Texas (George Smith, Richard Worthington, Bob Taylor, Jim Willerson) 4:08.5.

200-yd freestyle—1. Charles Lucas, Texas. (2:18.4) 2. Jack Shipley, Tech, 2:18.6; 3. Glenn Shoup, Tech, 2:29.8.

50-yd freestyle—1. Jerry Katz,

Texas, 22.8; 2. Gary Welch, Tech, 24.4; 3. Jim Climer, Tech, 27.2.

200-yd individual medley—1. Jim Tom Davis, Tech, 2:15.9; 2. Doug Duwe, Texas, 2:24.0; 3. Harris McClamrock, Tech, 2:50.0.

3-meter diving—1. Gordon Beavers, Texas, 258.12; 2. Eugene Holt, Tech, 224.45; 3. Richard Vawter, Tech, 213.37.

100-yd freestyle—1. Doug Duwe, Texas, 52.5; 2. Katz, Texas, 53.0; 3. Davis, Tech, 52.9.

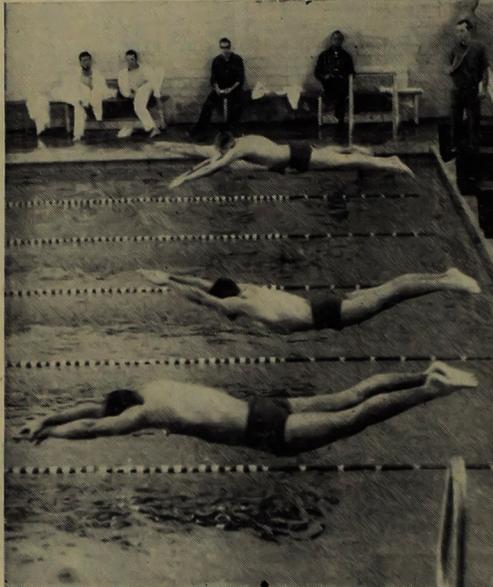
200-yd butterfly—1. Taylor, Texas, 2:16.8; 2. Woody Reaves, Texas, 2:26.9; 3. Glenn Anderson, Tech, 2:37.4.

200-yd backstroke—1. Smith, Texas, 2:14.9; 2. McClamrock, Texas, 2:28; 3. Gary Welch, Tech, 2:32.7.

440-yd freestyle—1. Willerson, Texas, 5:06.6; 2. Shipley, Tech, 5:17.3; 3. Shoup, Tech, 5:20.3.

200-yd breaststroke—1. Worthington, Texas, 2:31.5; 2. Jerry Desmond, Texas, 2:43.2; 3. Bo Grimshaw, Tech, 2:51.9; 4. Holt, Tech, 3:04.5.

400-yd freestyle relay—1. Texas (Taylor, Lucas, Duwe, Katz) 3:38.0 (pool record, old record 3:39, SMU, 1960).



THEY GO! — Shown above are four competitors in one of the events held in a dual swimming match between Texas Tech and the University of Texas. Texas won the meet 70-25.

High School Stars Signed By Raiders

Texas Tech Head Coach J. T. King and his assistants took full advantage Wednesday of the first day for signing high school athletes to football letters of intent, and persuaded fourteen area grid stars to cast their lot with the Red Raiders next fall.

The first boys to be signed this year by the Tech staff were two Lubbock boys, Max Gatlin of Tom S. and Butch Thompson of Monterey, who inked their contracts in the Tech athletic office at the earliest time allowed by the South-west Conference, 8 a.m.

Immediately following the signing of Gatlin and Thompson, the Tech mentors left for different cities all over the South Plains,

and by 8 p.m., twelve more performers from all over the South Plains and West Texas had signed a Tech contract.

The complete list of athletes signed by the Tech coaching staff by 8 p.m. Wednesday is as follows:

Joe Thomason, Amarillo; Ronnie Boyter, Amarillo; Carl Taylor Anton; Marcell Dorethy, Denver City; Jerry Cox, Denver City; Jim Tollett, Brownfield; Glen Koch, Brownfield.

Larry Anderson, Stinnett; Don Anderson, Stinnett; Butch Thompson, Lubbock; Max Gatlin, Lubbock; Howard Wardlaw, Hale Center; Kenneth Hooper, Olton; and Gary McMillan, Levelland.



RIGHT HERE BOYS! — Shown below is Head Coach J. T. King with Max Gatlin, Tom S. Lubbock halfback, and Butch Thompson, Monterey fullback. The pair were the first of 14 signed by Tech coaches.

Tennis Ruling Body Blasted By Kramer

NEW YORK (AP) — If the U.S. Lawn Tennis Association attempts to take the professionals under its wing it may run into some opposition from the pros themselves, Jack Kramer said Wednesday.

"I feel certain the pros will want to keep some voice in their own affairs," the promoter added, in commenting on the latest suggestion before the ruling body of the sport.

Ralph Westcott of Chicago, chairman of the USLTA Research and Planning Committee, has proposed that the association drop the word "amateur" from its bylaws and become the ruling force of all tennis players, pro and amateur alike.

"Personally, I have no control on the players once they have fulfilled terms of our contracts," Kramer said, "But I am sure the boys are anxious to maintain their

association and to keep some say in tournaments other than the big open championships."

Kramer said it is his feeling that tennis would profit from a setup similar to that existing in golf.

"Let the U.S. Lawn Tennis Association continue primarily as an amateur body but give it control over the open championships, as they do in golf," the Los Angeles court impresario said. "In the case of all other tournaments, the pros should be permitted a chance to dictate terms and assist in the organization."

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Meeting Today For Bowlers

Edsel Buchanan, director of men's intramurals, announced Wednesday that a special organizational meeting for this semester's intramural bowling league will be held today.

The meeting is to be held from 5 to 6 p.m. in Room 207 of the Men's Gym.

Deadlines for entries in the new league, which is to be composed of 16 men's teams and 8 women's teams, is Feb. 7, and bowling will begin Feb. 10.

Excepting school holidays, the league will bowl each Friday.

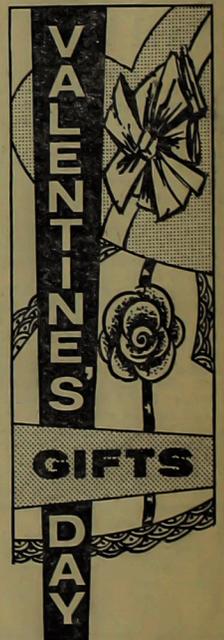
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