

More Barracks To Leave Campus

Texas Tech will soon begin renovation of its old Library Building to provide more classroom and office space and permanent facilities for its ROTC units, Extension Division and famed Southwest Collection, a center of historical documents.

The old Library Building was vacated this month when the library was moved to a \$2 million structure west of the Union Building.

The renovated building when completed will clear the Tech campus of several more "barrack" structures.

At the renovation bid opening Tuesday, Turner Construction Co. of Lubbock was the low with \$119,296.

According to Bill Felty, assistant supervising architect, the ground floor of the library will have six new classrooms and 16 offices and a reference reading room for the military science departments and Extension Division.

The first floor will consist of six classrooms and six new offices, in addition to the six existing offices.

See **LIBRARY**, Page 4

Air Force Grants Tech \$209,000



AIR FORCE GRANT

Tech President R. C. Goodwin, Dr. Dennis, chemistry head, and Dr. W. W. Wendlandt confer with Dr. A. G. Horney of AFOSR.

Tech received a grant of \$209,000 Tuesday from the Air Force Office of Scientific Research to establish a center for molecular research here, according to an announcement by President R. C. Goodwin.

Dr. Amos G. Horney, director of chemical sciences for AFOSR, presented the signed grant to Dr. Goodwin in a brief formal ceremony at Tech this morning.

The AFOSR Program for Molecular Research at Tech, which extends for a three year period under the initial grant, was described as part of the Air Force answer to developed in part at Texas Tech,

the challenge of space flight problems.

One major effect will be the study of methods by which intense heat breaks down a special class of materials, known as coordination compounds, some of which have been proposed for use in space capsules.

Dr. Joe Dennis, Tech chemistry department head, said this work will make use of specialized and sophisticated scientific techniques, and will be under the direction of Dr. W. W. Wendlandt as principal investigator.

See **AIR FORCE**, Page 4

Final Exam Schedule

Examination Time	Class Meeting Time
WEDNESDAY, AUGUST 22	
7:30 a.m.-10:00 a.m.	10:40 a.m.-12:10 p.m.
10:30 a.m.-1:00 p.m.	1:20 p.m.-2:50 p.m.
1:30 p.m.-4:00 p.m.	7:20 a.m.-8:50 a.m.
THURSDAY, AUGUST 23	
7:30 a.m.-10:00 a.m.	9:00 a.m.-10:30 a.m.
10:30 a.m.-1:00 p.m.	3:00 p.m.-4:30 p.m.

Outstanding Writer-Journalist Returns To Teach At Tech

Jay D. Milner, newspaperman and novelist, will return this fall to Texas Tech where he once attended classes and played football. He will serve as laboratory supervisor in the journalism department.

Milner will supervise the reporting and editing labs five days a week coinciding with Tech's campus newspaper, the Toreador, which will be published five days a week this fall. Previously the paper was issued three times weekly in the long session.

"We consider it a real opportunity to have a young man with Milner's experience, background and familiarity with Tech and this locale," Prof. W. E. Garets, journalism department head, said.

"His excellent background in daily newspapers will be valuable in establishing the tone of our daily Toreador this fall," Garets said.

Milner has established an outstanding journalistic and literary reputation by his work as editorial writer for the New York Herald-Tribune and by the publishing of his first novel, "Incident at Ashton."

A 1942 graduate of Lubbock High School, Milner attended Tech from 1942-43 where he played on the freshman football team and later came back in 1946 after serving in the U. S. Navy.

He received the B.S. degree in English and physical education from Mississippi Southern College.

See **WRITER**, Page 4

Geology Dept. Is Renamed

Texas Tech's geology department has expanded its program to include curricula in the geosciences, thus changing its name to the department of geosciences.

The curricula now include geochemistry, geophysics, paleontology and ground water geology, in addition to standard Bachelor of Arts and Bachelor of Science programs currently offered in geology.

The change of curricula and name was approved by the Texas Commission on Higher Education to better reflect the variety of offerings in the title of the department, Dr. F. Alton Wade, department head, said.

Nina Dova Appears Here Tonight

Tonight an attractive and beautifully attired Nina Dova will combine her charm and diversified talents into a one-woman show that has been acclaimed internationally.

The songstress-guitarist will perform at 7:30 in the Tech Union Ballroom. There is no admission charge for the performance.

It's no ordinary program she presents. Her evenings of entertainment are as delightful, intriguing and colorful as Nina Dova herself. Since she feels that many concert halls are somewhat drab, her concert gowns are bouffant and vivid in color. There is a good chance she will wear either white or turquoise.

She has collected the songs which she sings and accompanies on the guitar from her travels around the world. For the most part, her selections contain the rhythm of Spanish and South American music. Five different languages make up the wide selection of ballads she presents.

A recent review has described Miss Dova as "an accomplished singer with a lovely voice, a superb danseuse and a skilled guitarist."

Her theatrical experience as actress, dancer and eventually singer have laid the groundwork for a truly professional entertainer.

Nina Dova starred on television in Montreal for several seasons and more recently starred in the New York production of "Three Penny Opera." Since her debut in

Town Hall, New York, she has toured the United States and Canada performing in concert halls and in leading universities.

Although Nina Dova has studied

voice for six years in the U. S. and abroad, the genuineness of her artistry and her success is due, in part, to her "feeling" for the presentation of language songs.

Miss Dova, a native of England, now makes her home in New York and is a U. S. citizen.

Nina Dova is presented by the Tech Union Summer Program.



Vol. 37

Lubbock, Texas, Thursday, August 2, 1962

No. 94

Girl Greeks Show New Styles

How does a young miss succeed in school without really trying? Why, it's as simple as ABC — at least to the coed who's fashionably clad from head to heel.

The formula for this ultimate question, "How To Succeed In School Without Really Trying," is the whole gist of the City Panhellenic Style Show at 2 p.m. Wednesday in the Tech Union Ballroom.

The style show, featuring fashions from Margaret's, is a take-off on the current Broadway hit, "How To Succeed In Business Without Really Trying."

What's new for this fall in all types of clothes — from fashions for sportswear, school, and rush, to those very special occasions — will be modeled by 14 Tech coeds, each a representative from a different sorority.

The models will be presented in a total of 52 different outfits. Clever and unusual decorations are also being furnished by Margaret's.

Tickets for this fashion preview will be available in the foyer of the Tech Union from 10 a.m. to 1 p.m. Monday and Tuesday.



IN REHEARSAL

... for Lubbock Theatre Centre's production of "South Pacific" are Techsians Linda Eberly, Fred McFarland, Carolyn Jacobs and Durward Jacobs.

The Show Must Go On

"The show must go on," according to one of Texas Tech's five performers in the Six Flags Over Texas "Campus Revue."

Douglas Pummill of Dallas, a May Tech graduate, will be married in Andrews on one night and be back in the show within two days. His is pictured on page 2.

He will be whisked by helicopter

to Andrews after the curtain falls on the performance Sept. 1. He will marry Miss Janet Whitcomb, a junior music major at Tech, then will whirly-bird back to Six Flags.

Pummill, active in music activities while at Tech, has the male lead in the summer musical, featuring talented collegians from the Southwest.

Fashion Preview

Fall Styles Steal Autumnal Colors

By SANDRA JORDAN

The glint of gold, a dash of red, a muddy green, and the brilliance of orange have been stolen from the autumn leaves to highlight the fashions for this fall.

The uniqueness of this fall's fashions is the fact that there is nothing unique. According to Margaret Talkington of "Margaret's," the interesting fact about this season's styles is that there is not one definite trend. The styles are very gradual and allow each coed to dress to suit her own personality and taste in a wide scope of dress from sheaths to the "A" line flare.

The colors for this season are clear reds, oranges, golds, a drab olive, and as always the simple and sophisticated black. Although blue is not as important this season as it has been in the past, the shade in style is a deep electric blue.

The big question to the girls, as well as to the boys, is what direction will the hems go. "There will be no noticeable change here this fall," Margaret predicts, "although the hem is gradually coming down. Paris lowered the hems this season, but since the present Tech styles are not as short as Paris styles, there will be very little change here."

The look in sports wear this fall is one of utter casualness. Tight pants with bulky sweaters or over-blouses or jackets will carry out the casual motif. The hip-rider skirts will make their debut this season and are fashioned after the gun belts of the western hero. The skirts, which drop the waist to the hips, are also called hip-slingers.

"A" line skirts will also be good this season. These skirts derive their name from the fact that they resemble the letter "A" in shape. Thus flared skirts and gored skirts will compete with the pleated skirt for the coed's approval this fall.

The skirt and sweater will still be the coed's best buy for school fashion. The classic jumper is also coming back. Sweaters are as bulky as ever, and the "shaggy

shetland" will be a great favorite with many girls. Plaids — the bolder the better — will still be good as will be checks.

"The coat will play a much more important part in a girl's wardrobe this fall as fur trims become the vogue," Margaret reports. Tweeds with fur collars and cuffs will be the style as well as the "frankly fakes" of man-made synthetic fur in leopard and borgano, a fake beaver.

Suits will reflect little change this season, although some box jackets will have longer lines.

"After five" dresses will remain short for the coed with long formal gowns being used only for a limited number of occasions.

In this season's fabrics there is seldom found a pure fabric. "The trend," Margaret says, "is toward combinations and blends of natural fabrics and man-made fabrics for greater wearability and longer life." Knits of all varieties — from pants to suits — will be good, and corduroy will still be very popular. However, the majority of fall's fashion's will be wool or wool blends.

In shoes the pointed toe has been snipped off. Flats with the demi-heel will be fashionable, but coeds seem to prefer the traditional loafer and tennis shoe for school wear. Small purses will follow the trend for casualness.

All in all, styles for this fall leave a lot of room for each coed to bring out her own individual tastes.



FALL FASHION FORECAST

... modeled by Mary Harrison of Phi Mu, Sharon Jones of Chi Omega and Linda Ryno of Alpha Phi, shows much of autumn's colors and unchanged hemlines. There is much leeway for individual tastes this season.

OPERATING BUDGET

Total operating budget for Tech in 1961-62 was \$2,508, 302.00.

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Tech Nets \$55,800 From T V

Tech's slice in the televising of three Southwest Conference games this fall will come to \$55,800.

The regionally televised games will be the Texas and Oklahoma bout in Dallas Oct. 13 and the Southern Methodist and Rice game in Dallas Oct. 20. The Texas and Texas A&M game in Austin Nov. 22 will be televised nationally.

The NCAA program consists of nine dates on which there will be nationally televised games and five dates on which there will be three regional telecasts.

From television, Texas will receive \$101,000, Texas A&M \$83,000, Rice \$73,000, Southern Methodist \$73,000 and Texas Christian, Tech, Baylor and Arkansas \$55,800.

That would appear a nice sum for athletics except that it's only a drop in the bucket when the cost of big-time operation is considered. For instance, the coaching staff (just football alone at some schools) would cost more than paid for television. Athletic scholarships, 130 to 150 per school, run from \$150,000 to better than \$200,000. Equipment, travel expense, the training room, the sports publicity department, etc., will make the cost of athletics at

TECH POPULATION

The population of Texas Tech is larger than many towns in Texas. At night it is 4,500 and in the daytime it is 12,200.

a major college \$350,000 to \$400,000.

The biggest source of income, of course, is gate receipts. In a school, not counting a bowl game which only a select few receive, each ticket averages \$4.00 except for

Library...

(Continued from Page 1)

The Southwest Collection will be housed on that floor and will use all but one of the present library stacks.

The second floor will include four new classrooms and nine offices, in addition to the six existing offices.

"Provisions for future air-conditioning of the 67,703 square foot building will be made," Felty said.

One of the unique features of the remodeling will be the addition of a 2,679 square foot lecture room, which will hold 240 students.

"We are trying to keep the feeling of the old structure in our plans," Felty said.

Cantrell and Burns is the architect for the remodeling, while Davis and Roberts of Lubbock and Amarillo are the consulting engineers.

The West Texas Audio-Visual Cooperative, now located in the old Library Building, will continue to have its facilities there.

students, for which it is much less, but the students make up only about a tenth of the crowd. But before starting to figure that the school gets \$1,500,000 in receipts, consider this point: the school actually receives only one-half the net.

When colleges play football they pay expenses of operating then split the remainder 50-50. Thus a school that played before 40,000 fans would get less than half the amount of money represented.

Of course, a school that averaged 40,000 would make money because it would realize about \$750,000. But what of the school that does well to average 25,000, several of which are in the Southwest Conference. It can be readily seen that these schools have to cut it pretty close in order to evade a deficit.



SUMMER VISITOR

... Col. Brown and Dr. Paul J. Woods, professor of Military Science at Texas Tech, talk with Texas Tech cadets Pfluger, Pullen and Seymore. Dr. Woods visited the cadets at the ROTC summer camp at Fort Sill, Oklahoma.

Air Force Grant To Tech

(Continued from Page 1)

The second major aspect of the Molecular Research Program is concerned with the preparation and properties of certain unusual substances which have multi-ring structures containing sulfur, Dr. Dennis said.

Sulfur compounds are known to play a crucial role in life processes and in the damage to such processes by the high energy radiations encountered in space flight. This phase of the program will be under the supervision of Dr. H. J. Shine as principal investigator.

Besides Drs. Shine and Wendlandt—both chemistry professors—the project staff will include one postdoctoral fellow, seven candidates for doctorates in chemistry, and five undergraduate assistants. From the national point of view, the research experience provided to these men is expected to be a valuable by-product of the grant.

In presenting the award, second largest ever made in chemistry by AFOSR, Dr. Horney commented:

"A research grant of this substantial amount and sustained period of support is made in accordance with AFOSR philosophy on the management of scientific research.

"Proposals are subjected to a rigorous screening and detailed evaluation process, both by the AFOSR technical staff and by an independent advisory board composed of some of the country's leading chemists.

"The major criteria are the scientific merit, the reputation and productivity of the principal investigators, the relation to overall Air Force interests, and the facilities and other support supplied by the proposing institution. Texas Tech can well take pride in being selected for this major program in molecular research."

Dr. Dennis said "We are indeed pleased that the Air Force Office of Scientific Research has seen fit to support a Center for Molecular Research at Texas Tech.

"It is a recognition of the increasingly important role being played in scientific progress by the proper understanding of the mechanisms by which chemical reactions occur.

"It is a splendid tribute to the contributions of Professors Shine and Wendlandt to the field of molecular structure and mechanisms of reactions.

"We believe it is an indication of the confidence of AFOSR in Texas Tech. It is our hope that the Center may be expanded by other grants. For the present, the work will be housed in the Chemistry Building. However, we hope that as it progresses, special quarters will be provided.

"We are grateful to Dr. Knox Millsaps, Dr. Horney and Mr. J. F. Trout of AFOSR, to Rep. George Mahon, President Goodwin, Tech

Vice Pres. and Comptroller Marshall L. Pennington, and others who have given so much time and effort to effect this grant."

Dr. S. M. Kennedy, Tech Arts and Sciences dean, said, "The announcement that the AFOSR Center for Molecular Research has been awarded to Texas Technological College is a distinct tribute to those who originated the proposal.

"Such confidence is an indication of the growing stature and reputation of the research program in chemistry and adds urgency to the need to accelerate basic research on every hand."

Both principal investigators in the new molecular-research work at Tech joined the chemistry department in 1954.

Shine has a Ph.D. from the University of London's Bedford College. He came to the United States in 1948 to do research at Iowa State University and later at California Institute of Technology. He joined the Texas Tech faculty after three years as a research chemist with U.S. Rubber Co.

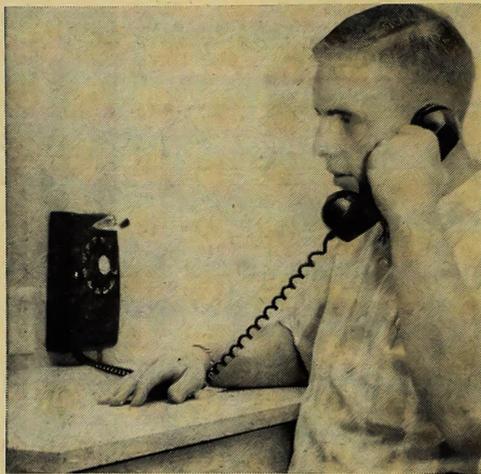
Wendlandt has a Ph.D. from the State University of Iowa. In addition to teaching, he has been a research chemist at Argonne National Laboratory.

BUILDINGS ON CAMPUS

Texas Tech has 163 buildings with 80 considered as permanent. There are 52.9 acres of floors to clean daily.

TECH EMPLOYEES

Texas Tech has 1,287 full time employees, and 768 part-time employees, which adds up to 2,005.



NEW PHONE SYSTEM

... has already been installed in Thompson Hall. Private phones will be available this fall. Bob Shine makes a call.

Writer...

(Continued from Page 1)

and the M.A. in school administration from the same institution.

Milner taught English and journalism, coached football and track and sponsored the student publications at Laurel (Miss.) High School, his first and only teaching assignment before he launched his newspaper career.

His stint as a newspaperman began with the Hattiesburg, Miss., Daily American and Jackson Clarion-Ledger. He was news editor for the Associated Press in Salt Lake City, Utah, and managing editor of the Greenville (Miss.) Delta Democrat-Times.

After spending two years with the New York Herald-Tribune, he returned to Texas to write "Incident at Ashton," which was released last August by Appleton-Century-Croftes, Inc., New York.

He just completed his second novel, "Yonder Mountain," to be published in the fall.

Milner has written numerous articles, some of which have appeared in the Herald-Tribune Sunday Forum, Look Magazine, Commentary, Frontier Magazine and Newsday Sunday Supplement.

He is a member of Sigma Delta Chi, professional journalism fraternity; National Conference of Editorial Writers, Associated Press Managing Editors Assn. and the Fort Worth and New York City Press Clubs. He was active in the Little Theaters in Jackson and Greenville, Miss.

The Lubbock native is the son of Mrs. O. C. Payne of 7140 Richard Road, Fort Worth. He is married to the former Peggy Anne Neely. They have one child—Carter, who is one-year-old.

'Perfect Furlough' Shows At Tech Union This Week

"The Perfect Furlough" with a movie queen seems to be the answer to a GI's dreams, but there is an unexpected element that turns everything upside down into a hilarious Army comedy.

"The Perfect Furlough," starring Tony Curtis, Janet Leigh, Keenan Wynn and Linda Cristal, is the Tech Union's movie of the week. Showtimes are 7:30 p.m. Friday and 2:30 p.m. Sunday.

As the plot goes, a Casanova corporal wins a perfect furlough to Paris with the movie queen of his choice. Romantic complications set in when a female Army psychologist goes along as chaperone, and the result is a laugh-provoker.

Also on the movie calendar for the Tech Union is "Make Mine Mink" to be shown at 4:30 p.m. Aug. 9 and 4:30 and 8 p.m. Aug. 10. It's the riotous adventures of a gang of upperclass paying guests, who, with their eccentric landlady, steal mink coats to raise money for their favorite charity. Terry Thomas has the leading role.

Square Dance

Square dancers, there's another one coming up at 7 p.m. Aug. 9 in the Tech Union.

This square dance is one of the series which features professional calling, instruction and refreshments.

Miniature Golf Tourney

Aug. 8 is the deadline for signing up for the miniature golf tournament Aug. 10 and 11 at the Twin Lakes Golf Course. The tourney is free and there's awards for the winners.

Jam Session

Tech Union is offering only one jam session this summer and the date is Aug. 8 and the time is 7 p.m.

"The Merry Makers" are making the music. This seven-piece combo is a relatively new group.

The jam session will be in the snack bar area of the Tech Union and is open to all Techsians whether they want to dance or just listen to the music.