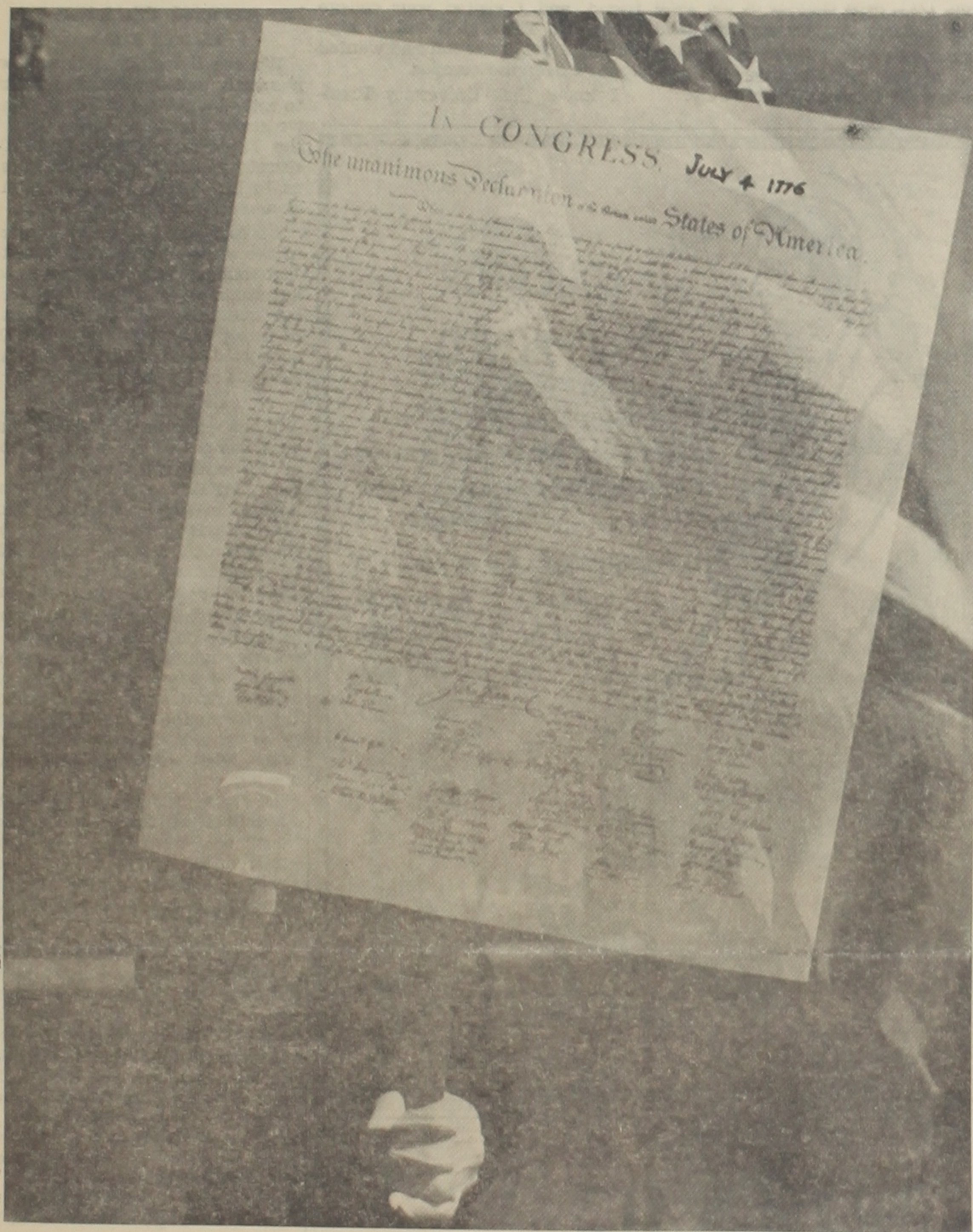


'One Nation, Under God'



Dates Issued For 2nd Term

Registration for the second summer session will be held July 12 from 1:30 to 5 p.m. and July 13 from 8 a.m. to 12 noon and from 1:30 to 5 p.m.

Registration permits for all students, graduate or undergraduate, living on or off campus, will be distributed beginning Tuesday. They must be picked up in the Ad Bldg. in room 171 for women and in room 163 for men. The permits will not be mailed.

Class tickets must be stamped "PAID" by the college cashier in order for students to attend classes which begin at 7:20 a.m. on Wednesday, July 14.

Wall and Gates halls and Men's No. 9 will be the residences open for the second session. They will open for new residents July 12 at 10 a.m.

Finals for the second summer term are scheduled Aug. 18 and 19. Commencement exercises will be conducted Aug. 21 for summer graduates. The deadline for graduating students to order senior invitations and reserve caps and gowns at the Bookstore for summer commencement is July 14.

Library hours will remain the same for the second session. It will be open on Monday through Thursday from 7 a.m. to 10 p.m., and on Friday and Saturday from 7 a.m. to 5:00 p.m. The Library will be closed on Sundays.

This is the last issue of the Toreador for the first summer session. The next Toreador will be issued July 13. July 23 will mark the beginning of the Toreador's weekly distribution for the second summer term.

Final Exam Schedule

Examination Time	Class Meeting Time
THURSDAY, JULY 8	
7:30-10:00 A.M.	9-10:30 A.M.
10:30- 1:00 P.M.	1:20- 2:55 P.M.
1:30- 4:00 P.M.	10:40-12:10
FRIDAY, JULY 9	
7:30-10:00 A.M.	7:20- 8:50 A.M.
10:30- 1:00 P.M.	3:00- 4:30 P.M.

Requested changes in the schedule of individual students will be considered by the Dean of the School in which the student is registered.

Examination time for classes having both lecture and laboratory periods will be determined by time of lecture meetings to find corresponding examination period.

Concert Set July 12

The Tech Union's summer program of entertainment will continue July 12, when the Rondoliers Male Trio makes a concert appearance on the Tech campus.

The trio, now in its seventh season of touring, features Edmond Karlsrud, bass-baritone. The unique and varied program will spotlight art songs, by such composers as Beethoven and Strauss, operatic

selections from "Faust" by Charles Gounod, show tunes from "The Most Happy Fella" by Frank Loesser, American folk songs and Negro spirituals.

Special vocal arrangements were done by Charles Touchette, a widely known musician and former vocal arranger for the CBS network.

Karlsrud, featured player, has appeared on several television shows, including the Bell Telephone Hour. He is a graduate of the University of Minnesota and the Juillard School of Music and has worked with the Men of Song Quartet, The Concertmen and The New York Sextet.

Paul Solem, tenor for the group, was graduated from Concordia College where he was a soloist for the college choir. After doing graduate work at Yale University, Solem worked with such varied groups as the New York Pro Musica, the Bach Group and the American Opera Society. He recently completed a tour with Herb Shriner's "Pop Americana."

Also a baritone, Max Mendenhall received a Distinguished Flying Cross during World War II. He is a graduate of Utah's Brigham Young University and studied at the American Opera Laboratory in Los Angeles. Having sung grand and light opera, Mendenhall was recently soloist and narrator at the Radio City Music Hall in New York City.

Accompanist for the group, Marshall Williamson, is a graduate of Texas Christian University and the University of Southern California. During his teens, Williamson played with the Fort Worth Symphony. His most recent tour was with Nicolai Gedda, internationally famous tenor of the Metropolitan Opera Company.

The program will be at 7:30 p.m. in the Union Coronado Room with no admission charge.

Curl Obtains \$3,600 Grant

Dr. Sam E. Curl, assistant professor of animal husbandry, has recently received a \$3,600 grant from the G. D. Searle Co., a Chicago-based pharmaceutical firm, to study the synchronization of the estrus cycle in ewes.

Dr. Curl was selected as one of five researchers at universities in various parts of the nation to work on these studies, which are the first of their kind in the United States. Similar tests have been run on Australian sheep but never before in the United States.

Dr. Curl has been involved in animal fertility work since his pre-doctoral days at Texas A&M University. His latest studies at Tech have been involved with twinning in cattle and multiple births in sheep.

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Dibb Wins Grand Prize In National Competition

David E. Dibb, senior textile technology and management major from Waco, has been named grand prize winner of a national essay contest sponsored by "America's Textile Reporter" magazine.

Dibb's essay was entitled "Automation—Key to the Role of the Future Textile Student." To be entered in national competition, he first had to place first in local competition among Tech students.

For placing first at the local level, the Waco senior will receive a \$100 cash award and an all-expense paid trip to the International Textile Machinery Exhibition in Atlantic City, N.J., Sept. 26-Oct. 2.

While at Atlantic City Dibb will receive a \$500 award for beating all other entrants on the national level.

The award winner currently is working as a summer employee in the Chemstrand Corp.'s nylon plant in Pensacola, Fla. He has previously received a grant-in-aid from this firm.

Dibb is the son of E. O. Dibb of Waco. He is a member of Alpha Phi Omega, national service fraternity.

Coulter Will Put Plants To Bed In Laboratory

Dr. Murray W. Coulter, assistant professor of biology, will soon be given the "sandman" directions about the sleeping habits of certain plants.

Under a two-year \$20,350 grant from the National Science Foundation, Dr. Coulter will shortly begin a study of the "Relationship of Gibberellin to Endogenous Rhythms and Flowering of Photoperiodic plants."

During this study, Dr. Coulter will, in effect, tell plants in his laboratory when to sleep and when not to sleep. Through this series, he hopes to gain much insight into the workings of the "biological clock," a mechanism seemingly found in all living things which acts as a calendar and enables them to tell time accurately.

This research will combine two fields in which the personable young Arkansas native has been involved for some time, Gibberellins and the biological clock.

Dr. Coulter's research is aimed at "studying control mechanisms which determine the developmental fate of a cell. For example, as two identical cells develop, one may develop into nerve tissue, the other into muscle. Or in plants, one may become a leaf, the other a flower."

He described the photoperiodic plants he will use in his study as "those which respond to length of daylight." They are unique in that they are capable of receiving a stimulus at one site and reflecting it some time later at a second site.

Dr. Coulter intends to use this study "basically to look at floral developments." He feels that what he will learn about the internal mechanism of photoperiodic plants will serve as the key to discoveries in more complex biological systems which are not subject to investigation.

Wayne James At Convention

Wayne James, executive director of the Tech Ex-Students Association, is in Atlantic City, N.J., attending the annual conference of the American Alumni Council.

At the meeting he will deliver an address on the financing of independent alumni associations and development offices.

Before returning to Lubbock, James will meet with the Washington, D.C., area chapter of the Tech Ex-Students Association and will speak at an organizational meeting for a New York chapter. He will return to Lubbock in mid-July.

Voice Of The People

EDITOR'S NOTE: The following letter was received by Dr. R. C. Goodwin recently and was forwarded to the Toreador office.)

Dear Dr. Goodwin,

Our daughter, Marilyn, her friend, and I visited your college last week. These girls will be high school seniors next fall and wanted to look over the campus.

I know that University Presi-

dents receive many complaints, but often do not hear the other side. My Father, Dr. C. I. Pontius, was President of The University of Tulsa for 23 years and is now Chancellor-Emeritus. That is what has prompted this letter.

Midland Resident

We are living in Midland permanently and our daughter wants to attend a college in Texas. When we arrived on campus, we went to the Registrar's Office first. The secretary there courteously sent us to Mr. Cates, Dean of Admissions for Undergraduates.

In spite of the many students in the office at that time, and the fact that our girls were not entering students, Mr. Cates answered our questions without any feeling of being rushed on our part. He suggested that we talk with Mr. Burgess at the Housing Office.

Gives Information

When we arrived there, Mr. Burgess was out of the office, but one of the office personnel answered our questions and told us about getting in applications and room reservations by October 1. She was so courteous, and so helpful with her suggestions that we left knowing exactly what should be done.

We then visited Wall Hall. One of the students living there let us go through her room; another couple asked us into their room. They invited us to sit down and then asked these high school girls (who were in awe of everything,) "Now, what would you like to ask about?"

Of course, the girls were delighted and asked many, many questions. We were able to eat our lunch in the dorm cafeteria and another student sitting at the same table answered more questions so nicely.

Courtesy Extended

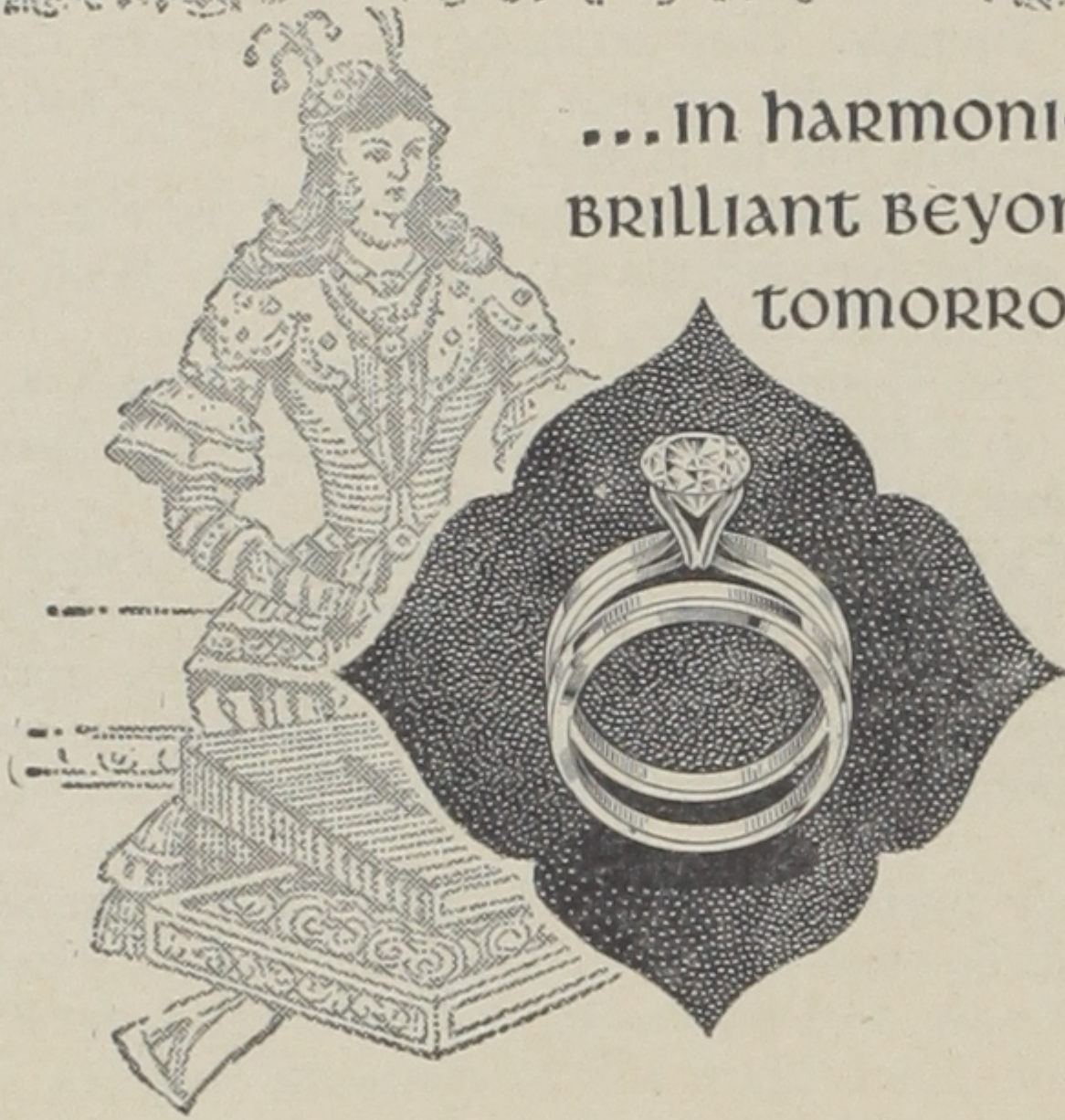
When we left your campus, we left with the feeling of friendship and warmth. No one rushed us; everyone tried to help in any way possible. We visited several of the buildings and at each place this same courtesy was extended to us.

You are to be congratulated on your faculty, personnel, and students. It was a heartwarming experience for us.

Sincerely,
Mrs. E. R. Filley
Midland, Texas



...in harmonies
Brilliant Beyond
TOMORROW

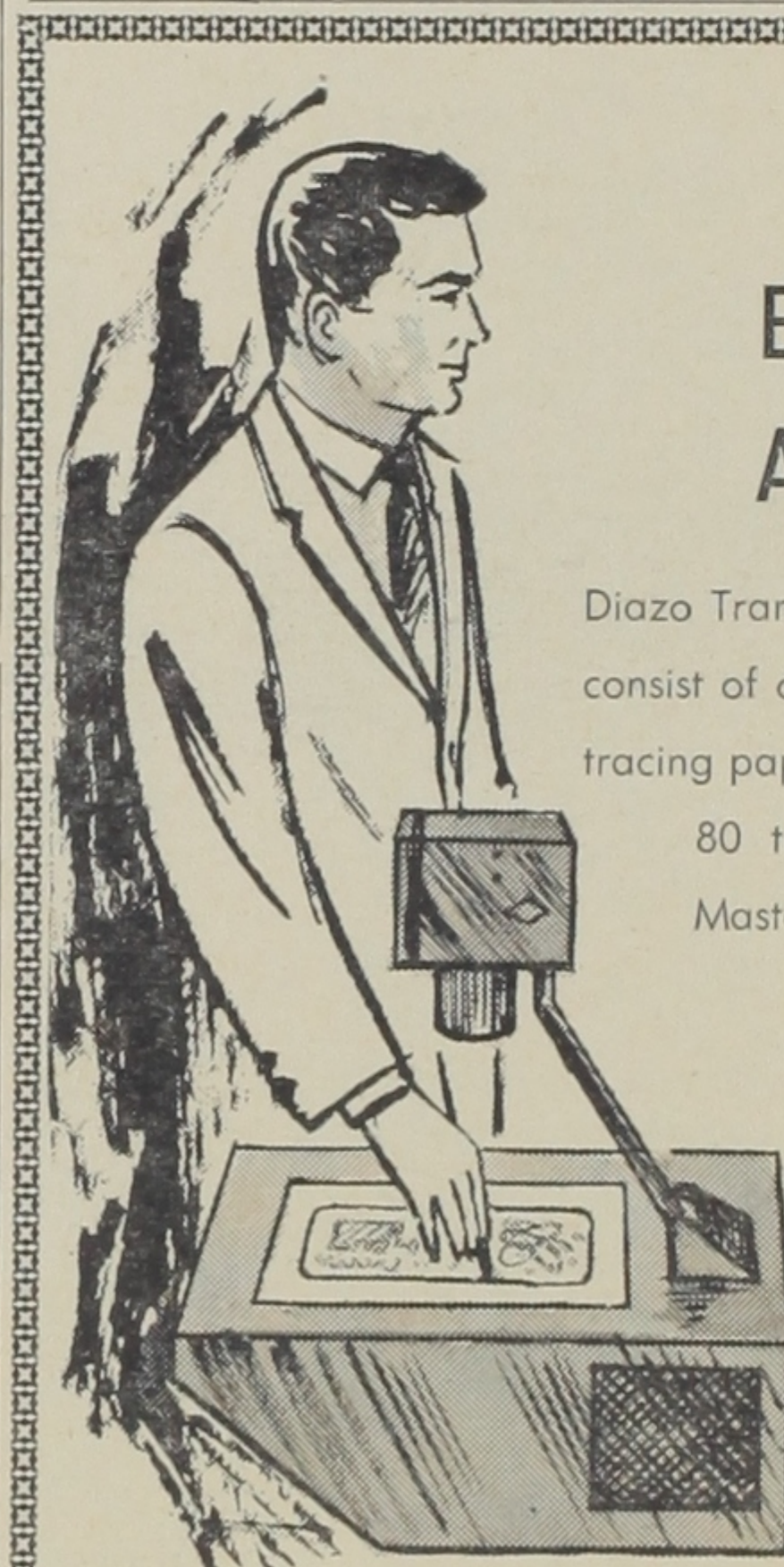


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Freshmen Presented 4 Grants

Four Tech freshmen have been awarded \$100 tuition scholarships by the Lubbock Center of the National Guild of Piano Teachers.

Honored were Rodney Hoover, son of Mr. and Mrs. H. C. Hoover of Shallowater; Martha Moore, daughter of Mr. and Mrs. W. H. Moore of McAdoo; Sylvia Curry, daughter of Mr. and Mrs. Hubert Curry of Crosbyton, and Ann Hutchinson, daughter of Dr. and Mrs. Ben Hutchinson, 3121 20th St., Lubbock.

The students, all music majors, are enrolled in the current summer term.

In presenting the awards, Mrs. Cecile C. Mestimen, chairman of the Lubbock Center, cited the accomplishments of the student pianists.

Over a period of 10 years, each has played a minimum program of 10 selections in the National Playing Auditions sponsored by the Guild and each scored 98 or above on the test for the Guild's high school diploma, qualifying them for the Critic's Circle.

Hoover is a pupil of Mrs. Allie Ireland of Shallowater, Miss Moore and Miss Hutchinson are pupils of William A. Murphy of Lubbock, and Miss Curry is a pupil of Mrs. Louis Catuogno of Lubbock.

Meesters Will Speak Today

Dr. Adrianus Meesters, vice principal and biology teacher at the Coornhertlyceum in Haarlem, Netherlands, is guest lecturer at this year's summer institute for high school biology teachers now nearing its mid-way point at Tech.

Dr. Meesters is scheduled to make two addresses today at 9 a.m. and 1:20 p.m. He spoke twice Thursday. All lectures will be in Tech's Biology Auditorium.

His topics will include "Shape Perception in Animals," "The Dunes Along the Coast of the Netherlands," "The Culture and Research of Flowerbuds in the Netherlands," and "The Abundance of the Sea."

In announcing the addresses by Dr. Meesters, Dr. Earl Camp, Tech biology head and director of the summer institute, said that 33 teachers from many different regions of Texas as well as seven other states were attending the course which began June 4 and runs through August 5.

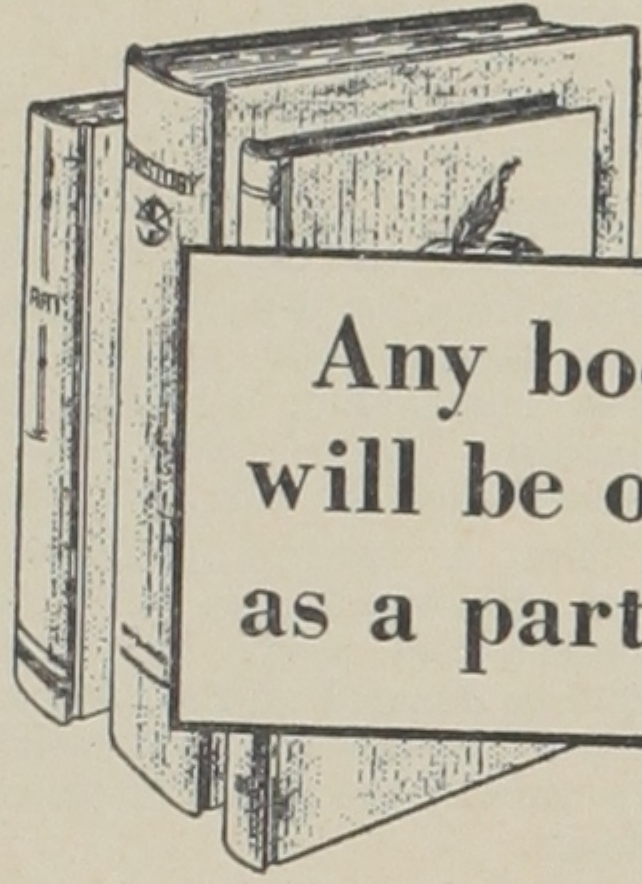
He indicated that all the participants were returnees who had attended at least one previous institute at Tech, sponsored by a grant from the National Science Foundation.

Dr. Meesters received a bachelor of science degree in 1933 and a doctor of science degree in 1940 from the University of Groningen, Netherlands.

He was an assistant in the Laboratory for Medical Physiology of the University of Groningen from 1936 until 1941 when he became biology master for secondary schools in Haarlem.

He became a biology teacher at Coornhertlyceum in 1948 and vice-principal in 1951. From 1960 until

1964 he currently served as biology master at an evening school for open to adults in Haarlem. Dr. Meesters' lectures will be master at an evening school for open to the public, according to Dr. Camp.



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No. 3—College Ave. at Clovis Rd., PO 3-0834
No. 5—34th & Gary, SW 9-4425
No. 7—Broadway & O, PO 2-3306
No. 8—50th & Louisville, SW 2-3696

Ag School Will Host Swine Class

Tech will host its 1965 annual Swine Short Course Tuesday in the Agricultural Auditorium, according to Dr. Sam E. Curl, assistant professor of animal husbandry and Short Course chairman.

Headlining this year's one-day event will be two speeches by Dr. John F. Lasley of the animal husbandry department at the University of Missouri. Dr. Lasley will discuss "Efficient Pork Production" at 10:45 a.m. and "Improvement of Swine Through Breeding" at 2:20 p.m.

Dr. Curl said that Dr. Lasley is "widely known for his research contributions in the area of livestock breeding, swine investigations and as an accomplished classroom teacher."

"This year's program also will feature several outstanding swine producers who will discuss their production practices."

The course is slated to begin at 9 a.m. with a welcome from Dr. J. Wayland Bennett, associate agriculture dean at Tech.

Tech Makes 'Hot' Cheese

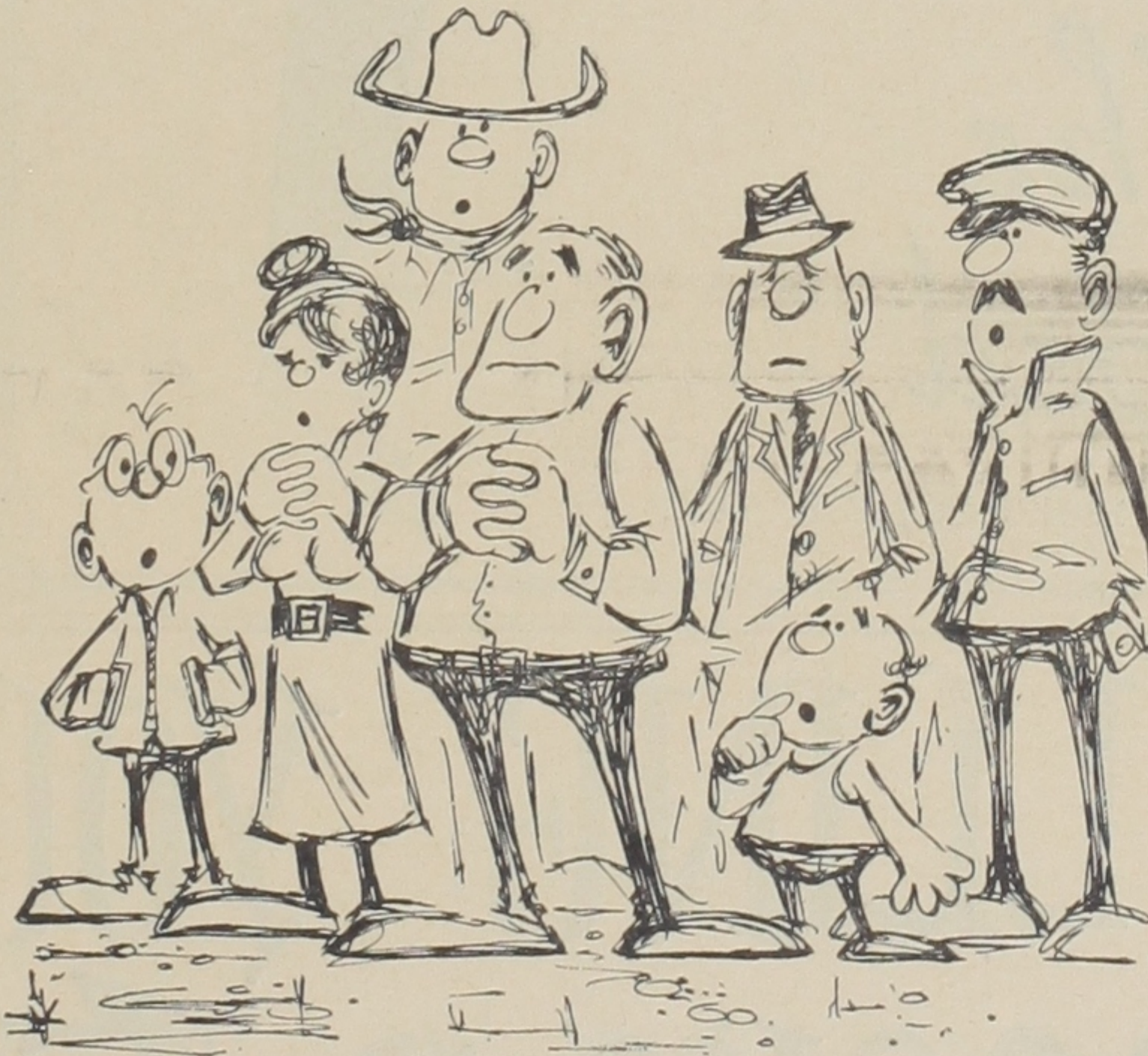
Jalapeno pepper cheese? No it is not imported from Mexico. It is a product developed in 1961 by Max Miller, instructor in the dairy industry department.

The product is sold by the Texas Tech Dairy Industry Club as a money making project to send their judging teams to contests, to finance a senior trip and spring banquet.

Gary Vaughan, president of the club, said the product has been selling in Lubbock for about four years. It has been copied by several companies and is sold nationally on a commercial scale.

The Tech jalapeno cheese sells for \$1 per pound from the Tech Creamery behind the Agriculture Bldg. Vaughan said the cheese is made up in 150 pound batches and is always available.

Everybody's been waiting...



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BROWN'S

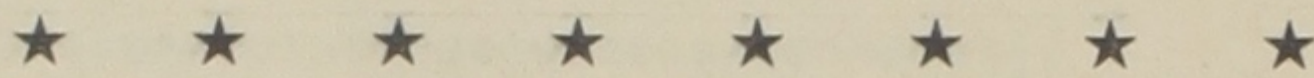
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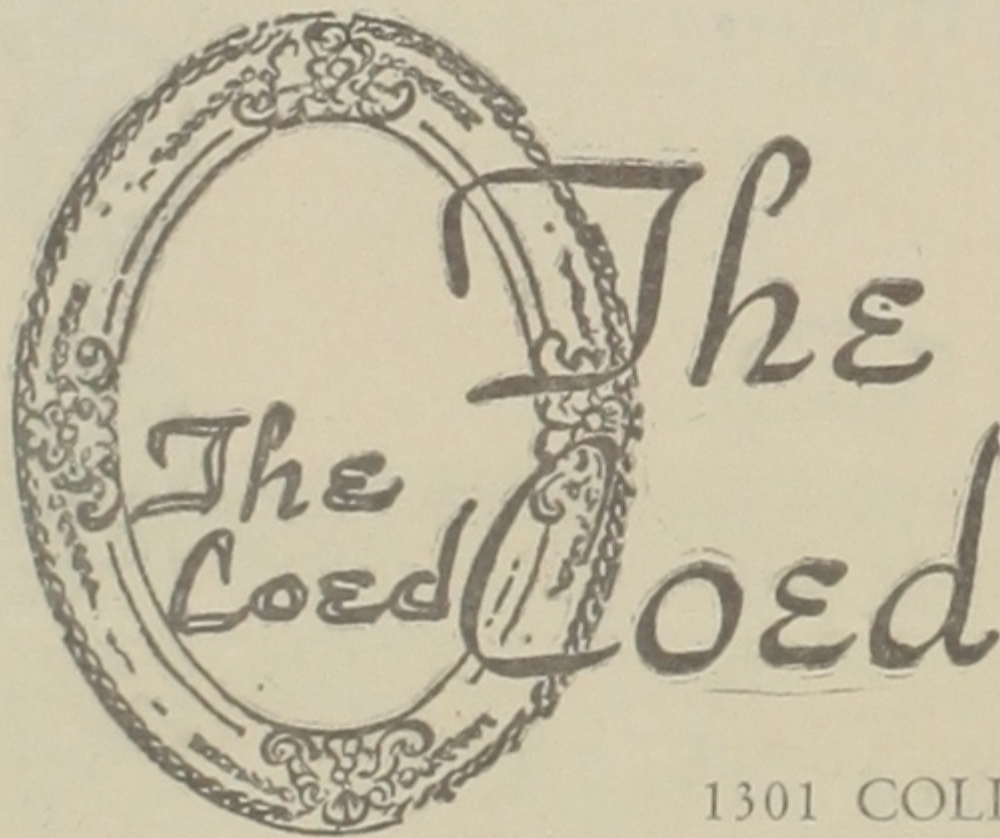


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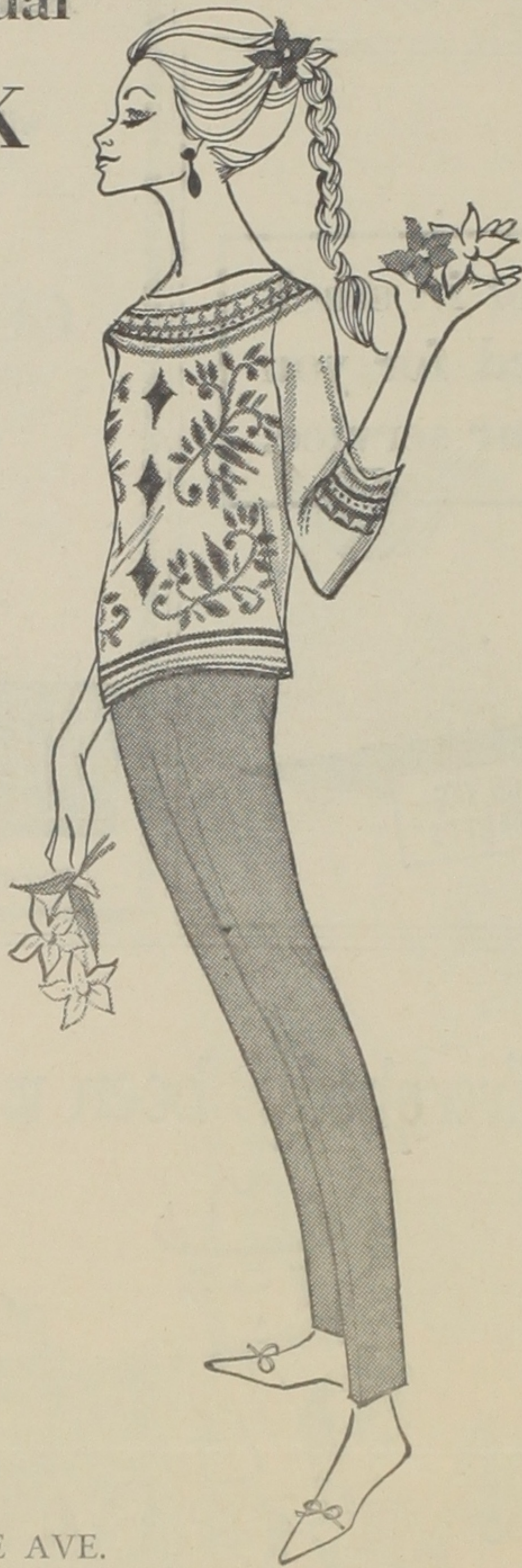
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1301 COLLEGE AVE.



Blackwell Completes 15 Years Of Service

Floyd Blackwell at 3:30 p.m. Thursday finished his last day as an employee of Tech's Ground Maintenance Department.

Blackwell, completing 15 years of continuous service, is the first to retire from the department. He has been keeper of the grounds of the area surrounding the Home Management House (old president's home) since the early 1950's.

"I'm a natural plant lover," said Blackwell. He likes oaks, spruces and mums the best. In 1959 he donated an East Texas oak tree to the grounds department for the yard of the Home Management House.

Before he went to work for the department he was with the Tech Poultry farms. It was in this department that his interest in gardening was discovered.

He tells how he landscaped the first plot of land on campus soon after World War II. Before the war none of the campus was landscaped. After the military left the Agriculture Bldg. the department heads in agriculture decided to clean up the tumble weeds and shinnery around the building.

Dr. W. L. Stangel called in Blackwell to do the job. The old elm trees and weeds were cleared away. Blackwell hired some student assistants, and went to work putting shrubbery around the building.

Blackwell said the campus' ground maintenance has really progressed since those first few years. When he started working at the Home Management House, they had to water the ground by water hose from faucets. About six years ago a watering system was installed that has made the work easier and more profitable.

Blackwell lives alone with two white Pekingese dogs. He has a daughter, Mrs. Katheryn Woodruff of Leonard. He maintains a green house of his own at home. His work is in all kinds of plants from ferns to cacti and from Bonzai to trees.

He said many of his plants are used in the classroom by Edward

Zukauckas, associate professor of horticulture and greenhouse manager.

In retirement Blackwell plans to continue the work that satisfies him the most—guiding plant culture.



LAST DAY — Floyd Blackwell worked his last day for the Grounds Maintenance Department Wednesday. The plant lover ended 15 years of service as keeper of the grounds around the Home Management House (old president's home). His years at Tech saw the grounds maintenance evolve from nothing and no landscaping to a modern system and beautiful landscaping throughout the campus.

Tech Ads

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FOR SALE: Books—AESCHYLUS to science fiction; English Dept., BA 235.

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