# the toreador 

Vol. XXVH
Texas Technological College, Lubbock, Friday, April 17, 1953

## Planetarium To Open Forl Worth Minisistr, Ford Co. Execulive Tuesday at Museum Named Speakers for Graduation Services



Run-off Elections Settle Council Races; Nine Candidates Named Representatives

be at 8 p.m. May 24 . Commence-
ment will be at 8 p.m. May 25
in Jones Stadium. if weather per-
mits.

Der Liederkranz
Travels to Austin

Jiederkranz, German club, left of Austin today to perform parts Melioien" and 1053 Liederkranz pear at the annual meeting of the tudents at the University of Tex-
 first hall of the show. Rosemary Sprague will be in charge of the The cast includes Rebecca BentPascall Lynch, Robert Kessecker Mack Noble, Hossein Karimi,
Suzy Hettler, J. P. Jones, Robert Maret Brown, Norma Hancock, James Caley, Robert Manning Leva Kessecker and Joy Lynch The group will also visit German
stores in Fredericksburg, and may present impromptu numbers there Theodor Alexander, sponsor of

McCain Receives
Danforth Award
Elizabeth McCain, Plainview
senior, was announced Wednesday as the recipient of a $\$ 1,600$ Dan-
forth Foundation scholarship The announcement was made by Mr. Miss McCain will attend a college or university of her choice, where of religious activities on the camMiss McCain was elected Miss Texas Tech this year. She is a Student Council representative
from the Division of Arts and Sciences and has served as presi-

First Instrumental Laboratory in State To Be Opened at Engineering Show

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Librarians Holding Meet in Lubbock

More than 400 librarians are taking part in the 40th annual
meeting of the Texas Library Association being held in Lubbock. The convention, which has been in session since Wednesday, is
sponsored by a local committee sponsored by a local committee
headed by R. C. Janeway, Tech Yibrarian.
In conjunction with the convention, the first West Texas Adult Education Conference be gan yesterday. Both groups wi The theme of the library vention is "The Role of the Lit brary in the Community." Several guest speakers, among them the excentre secretary of the American Library Association Education program here at Tech Dr. Per C. Stensland, have delivered adaresses to the convention A square dance tonight at O . L . slaton Junior High School will honor librat

Tech Markswomen Defeat Tarleton, Lose to Arlington

Women of the Iech Rifle Club completed a week-end tour Suncompeted in even record. They on one. urday morning by a score of 471 to 461. The Techsans were defeated by the Arlington team, 484 to 467, Saturday afternoon. Members of the team making the trip were: Beth Barnes, Mary Williams, Polly Johnson, and Adele McLure. They were sponsored by Sgt. and Mrs. R. L. Riley. Transportation was furnished-by the two assistant coaches, Charles
Burford and James R. McKenzie. Burford and James R McKenzie.
"We were well received at both schools and want to report that we had a grand time," commented Sgt. Riley, "I would like to see more girls join the club," he continued. "The membership lee

Next Week Busy For English Profs
Next weekend will be busy for members of the English depart Dr. T. W. Camp, head of the
department, and Dr. R. P. Male Jr., will attend the Amnual Coirege Conference of Teachers of English in Austin on Friday and panel discussing "The English Major in Texas Colleges and Universities."
Dr. and Mrs, A. L. Strout will go to Wichita, Kan., for a meeting of the College Teachers or English of Kansas the same week-
end. At this meeting. Dr. Strout will read a paper entitled "Freshman Flights at Texas Tech," des cribing English 133-4. He will als read several themes written by Tech- freshmen.
Members of the department who will be in charge of ready-writins and declamation contests at the regional Texas Interscholastic Le gue meet to be held bere

Lubbock Bankers Group To Hear Tech Music Department Program Tech's music department wil provide the program for the Lubp.m. Monday at the Caprock Ho
tel. clarinet quartet, a trombone
A clarinet quartet, a trombone Davis, Lubbock music major, and ras Schantz, Tech

United States Secretary of AgEalture, Eara Taft Benson, wil um. climaxing the in Jones Stad ing, of the American Cotton Congress to be held here. Dr. Everett A. Gillis, associate
professor of English, discussed "The Literary Ballad in the SouthFolklore Society in the Texas week. week.

## ARE YOU TOUGH ENOUGH FOR



- CAN YOU "take it" 6 days a week? For 52 weeks? Can you meet the high standards required to be an Aviation Cadet? If you can-then here's a man-size opportunity! An opportunity to serve your country and build a personal career that will fit you for responsible positions both in military and commercial aviation.

It won't be easy! Training discipline for Aviation Cadets is rigid. You'll work hard, study hard, play hard-especially for the first few weeks. But when it's over, you'll be a pro - with a career ahead of you that will take you as far as you want to go. You graduate as a 2 nd Lieutenant in the Air Force, with pay of $\$ 5,300.00$ a year. And this is only the beginning -

## your opportunities for advancement are unlimited.

## ARE YOU ELIGIBLE?

To qualify as an Aviation Cadet, you must have completed at least two years of college. This is a minimum requirement-it's best if you stay in school and graduate. In addition, you must be between 19 and $261 / 2$ years, unmarried, and in good physical condition.

## YOU CAN CHOOSE BETWEEN PILOT OR AIRCRAFT OBSERVER

If you choose to be an Aircraft Observer, your training will be in Navigation, Bombardment, Radar Operation or Aircraft Performance Engineering.

## New Aviation Cadet Training Classes Begin Every Few Weeks! HERE'S WHAT TO DO:

1. Take a transcript of your college credits and a copy of your birth certificate to your nearest Air Force Base or Recruiting Station. Fill out the application they give you.
2. If application is accepted, the Air Force will arrange for you to take a physical examination.
3. Next, you will be given a written and manual aptitude test.
4. If you pass your physical and other tests, you will be scheduled for an Aviation Cadet Training Class. The Selective Service Act allows you a four-month deferment while waiting class assignment.

Where to get more details: visit your neeress Air force Base or Air force Recruiting offerer. OR WRITE TO: AVIATION CADET HEADQUARTERS, U. S. AIR FORCE, WASHINGTON 25, D. C.


## COMETM

Kemas Spring Festival Dance Tonight; Burl Hubbard's Orchestra Will Play
 swaying paim trees and tropical
flowers
nemorn
nome No Elect Officers

Rainer Chosen
Society President
Glenn Rainer was elected pre-
sident of Phi Eta Sigma, honorary scholastic society for freshman men, Tuesday.
Other officers elected were:
Douglas Degge, yice president: Frank Boston, Medtord, treas Joll June Christian, Joyce Hazelton matically says Don Funk, historian Garner, Joanne Patching a

Adelphi Schedules Capa y Espada Keys To Honor

## Basin Street Ball

Elects Officers polly Jomone s.ophanore a Sponsor and Wife gineer from Brownfield, was re- Prof, and Mrs. John Harding
cently elected to serve as next will bo honored.
 carried out in decorations ror pada. Spanish organization.

Adelphi's second annual Basin morning in the Skyline Room day night in the Caprock Hotel Donald Fortenberry, vice president; Laura Starnes, secretary; J. C. Chambers will make an Bil Glover, treasurer; and Jimmy appreciation speech to Prof, and Clark, reporter. $\quad \begin{aligned} & \text { Mrs. Harding, Prof. Harding } \\ & \text { sponsor of the club. Chambers will }\end{aligned}$ Iris Brunson, iss̄3 president, present a club pin to Mrs. Hard| have a banquet at 7 p.m. May 7 | sing the sweetheart song to her |
| ---: | :--- | at the Ming Tree. Tickets may be Big brothers will accompany

obtained from Miss Brunson and their little brothers to the annual
Juanita Casas for $\$ 2$. tou view of life, most generally Your view of life, most generally
Depends on where youre siting But City Club seen fore or aft


CityClub i


Reason and Sense
A letter to the editor appeared in last week's Toreador Donald Fortenberry of Doak Hall, pointed out that application forms for such courses state: "The law restricts our correspondence service to the white race

Mr. Fortenberry asks to have explained to him "th teason and sense" of such a statement.

President Jones contacted the paper to ofter the
the "There shall be established in the state a college for white students." The statute is apparently interpreted to include all divisions and services of the college.

Concerning the sense of the matter, we can only agree everything has been said-pro and con-that can be said. Further discussion will be only repetition.

## Under the Breezeway


students who have considerable re-
sources place others, not so well-
heeled, at a disadvantage. The former can atford to have hun dreds of posters and handbins
printed and distributed through out the campus. The latter cannot afford such publicity and sut-
fer from the lack of it.

Our suggestion is that a limit he set, such as $\$ 25$ to $\$ 30$. No
other stipulations would be necessary; candidates could spend this money as they saw fit, whether
for posters, handbills, cards, signs, or whatever.
About four or five days after About four or five days after
petitions would be turned in, each candidate could present to the
elections committee of the Student
Council an itemized report of Council an itemized report of a expenditures with a receipt fo
each item. With a reasonable amount total could be checked for accuracy. If a candidate had spent mor
than the limit, a graduated scal of penalties could be enforced. Th maximum penalty might be dis-
qualification from the election. enough to allow students to plan
totoreador

## THE TOREADOFs, student news

 paper of Texas Technological College is published every Tuesdayand Friday on the campus a dents of the College.
EDITORIAL OFFICES Journalism building. Rooms 103, 105 TELEPHONE Business Manager: extension 423

SHIRLEY JOHNSUN Ann Bryan Ralph Shelto
Bob Lovelace Assoc. Editor ADRIAN COMES - BUS. MGR Charles Maple - Asst. Bus. Mgr

DEAR EDITOR

$\square$
$\square$

BOB Cely Ycurs, DEAR MR. CROCKER:
We welcome the opportunity We welcome the opportunity to
answer a writer who "does not see the complete picture." Our files of
last year's papers indicate that the editors then followed the
ponicy which has become standar swering letters only when the editorial reply may contributo something to the considerntion of the question. You are inaccurate
in stating that letters last were always answerea.
All letters-to-the-editor are read, Mr. Crocker. Not all such letters deserve the time necessary for the editors to compose a reply
or for the students to read that reply.
When an answer is deemed
When an answer is deemed
necessary, the ednoss make erwa
effort to get it. May wh refer
effort to get it. May was refer
you to the letter in. last Friday' issue concerning Tech correspond ence courses, which are restricted writer raised a question of th restriction's logic. Time limi prevented the publication of a will find it ansivered this week elsewhere on this page

Texas Tech College BOOKSTORE
COME IN AND ASK FOR THEM

## TECHnicalities

by Ralph Shelton, Toreador Associate Editor
A Great Collegiate Debate seems Will such action really cure the
to be forming over the issue of illness? Frateraities whicht do not
hias clauses in the constitutions want Negroes in their chapters ean still reject them, since th accept any indive not ohiigated to
$\qquad$
$\qquad$
$\qquad$ sounder than legislation in suen
cases. A poll taken by the Associated
Collegiate Press asked the followCollegiate Press asked the follow-
ing question of college students ing question of college students:
How do you feel about the policy
of 'raternities' accepting only inof iraternities accepting on
dividuals of the vhite race?
Twenty-five per cent approved;
65 per cent disapproved; seven per 65 per cent disapproved; seven per
cent had no opinion; and three per cent had other opinions--whiri the ACP did not elaborate
Department of Non-Conformity (From the student newspaper of
the University of Detroit) the University of Detroit

$$
\begin{aligned}
& \text { The singer began her operatic } \\
& \text { career in Detroit where she was }
\end{aligned}
$$

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\begin{aligned}
& \text { career in Detroit where she was } \\
& \text { born at the age of seven under the }
\end{aligned}
$$ born at the age of seven under the

direction of an aunt who had sung direction of an aunt who had sun,
successfully in Italy and France,
(From the Skyline, Sul Ross College) who hunt witches in other sca-
sons. $\begin{aligned} & \text { College) } \\ & \text { ane is five feet, eleven inches } \\ & \text { the point of this alumn is io friends call him every- } \\ & \text { thing from 'Yogi' to some things } \\ & \text { thestion the real good of forcing } \\ & \text { unrepeatable. He's always pop- }\end{aligned}$ who hunt witches in other sca-
sons. $\begin{aligned} & \text { College) } \\ & \text { ane is five feet, eleven inches } \\ & \text { the point of this alumn is io friends call him every- } \\ & \text { thing from 'Yogi' to some things } \\ & \text { thestion the real good of forcing } \\ & \text { unrepeatable. He's always pop- }\end{aligned}$
 question the real good of forcing


Odessa Music Will Be Featu On Music Ho

3 ABY MAINTAINS REGULAR SCHEDULE Speakers Talk on Bull Is Purchased Engineers Ball Set Zedecorated Campus Home To Greet Home Economics Visitors to Annual HE Open House


Three musicians from Odessa
will be featured in the out-of-town will be featured in the out-ol-town
guest series on the Twilight Music Hour at 4 p.m. Sunday in
Auditorium of the Museum. Audins. Leland B. Croft, violinist,
and Mr. and Mrs. LaMarr Chapman, pianist and vocallst respec-
tively, will present a program of classical selections by Brahms, and other contemporary compos
ers.
Mrs. Croft has just completed
a theory test for young violin students, She is at present conce
master of the Odessa Symphony. Mr. Chapman is past winner oi
the G. B. Dealey award. Texas Federation of Music Clubs competition, both in piano and comOdessa Symphony during the 1952 season
Mrs
vince) was former head of the musjc department at East Texas Baptist College. She will feature her husband's composition, "Los Soledades," portraying
phases of love: Dedication, Lover Song, Dreams, Questions, Final Answer
The Allegro Music Club of Lubthe Museum.
WORKSHOP ANNOUNCED
A workshop in painting, order
Prof. Wilfredo Du Solier of the
Instituto Technologico de Mon-
terry and Roderick Parkinson of
the architecture and allied arts
department, will be offerel at
Monterry Tech in Monterry, Mext-
co, July 11-August 22, Ihe work-
shop is part of the Pan-American
good-will program.

By Ag Department For Saturday Night


|  | Wednestarys.Two of these speakers were Mrs,Elton Amburn and Mrs. FloySides, both alumna, who spoliceWednesday on "Home Economicsand Careers." Mrs. Sides is ahomemaking teacher in LubbockPublic Schools and Mrs. Amburnis a Brownfield business woman. | cent bull sale at PanTech larm, near Amarillo <br> The bull, calved Jan. 19, 1952, was sired by E D. Clyde Triumph III, owned by Brown and Davis breeders of Throckmorton | at the door. Jack Hon and hisband will play tor the tance which will be from 8 to 12 tomorrow |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| has been added to the living :oom and draperies have been ordered tor the director's living roam. The curtains in several of the bethoomshave been remodeled by the stiz- |  |  |  |
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| roblems during this a |  |  |  |
| ys Miss Drell |  |  |  |
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| Thining |  |  |  |
| for three weeks. |  |  |  |
| bustling activity has been the <br> baby, Sharon Kilgore. Shaton has lived in the house since she was three weeks old and now she is quite grown-up at $7 / 1 / 2$ montrs Being the sophisticated type, she but didn't let them upset hei |  |  |  |
|  |  | Woodfin's B | \& Shoe Shop |
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|  |  | 1209 College Ave | 327 |
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COLLEGE STUDENTS PREFER LUCKIES IN NATION-WIDE SURVEY! Nation-wide survey based on actual student interviews in 80 leading colleges reveals more smokers prefer Luckies than any other cigarette
by a wide margin. No. 1 reason-Luckies' better taste. Survey also shows Lucky Strike gained far more smokers in these colleges than the nafar more smokers in these colleges than the
tion's two other principal brands combined.
good-will program

Tech's Library Reserve Room Now Equipped With Comfortable Furniture The reserve room of the Library lifting:"
In place of the old shelves, high topped tables, and uncomfortable chairs are 18 large, modern loung-
ing chairs, 15 study chairs, 6 round tables, 16 oblong study tables, and 10 shelves occupying bath sides
the room. In addition, the room has been painted a shade of aqua
himilar to that of the Library lobby.
As an added attraction, the recmerous novels, 10 current issues
of newspapers, and 23 current issues of magazines) has been moved into the southeast section of the bles and comfortable chairs to acCommodate visitors. Mrs. Elizabeth librarian, says that there are students occupying the lounging The reserve room chairs, equipped with arms, are covered with chartreuse, blue and dark red top-
grain leather. All of the tables grave a blond finish.

Remodeling was finished Wed-
nesday in time for the Remington-

## Sick List

Tech students in the infirmary
this week are: Virkinia M. Furt bee Lubbocke: D. Duane Fincher,
Gordon Hall: Don It Chides Lubbock.


FINE


Full Selection
$\$ 1.00$ boxes

All
NEW SPRING COLORS

Full Kingsley
Monogramming
Service
(one day)

VMrativ
1305 College
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## THE DU PONT: DICESN

## A GROWING FIELD-

 InstrumentationModern manufacturing trends at Du Pont bring ever-increasing opportunities for technical men

Do you think of instrumentation a applying only toctronics?
arectron
Or would you also include problials in chemical processing, matehandling, as well as application of equipment - both mechanical and hydraulic-for measurement and control systems?
At Du Pont, instrumentation is applied to widely diverse areas of nanufacturing operations. $\mathrm{K}_{\text {ald }}$ rounds. In a typical instrumen group there may be men whose formal training has been in mechanical, chemical, electrical or metallurgical ngineering, or in physics, etc.


Instrumentation is becoming more and more important in the chemical industry. In fact, many of today's prossesses and products would not be ment and control systems. The trend toward continuous processes means challenging and constantly increasing opportunities for instrumentation men.
Du Pont's instrument program includesresearch, development, design and supervising installation of process control equipment. Some of the work is done in the central Engineering Department at Wilmington. However, most of the major plants across the country now have their own organized instrument groups.


Richord G. Jackson, B.S. in Ch.E.. Columbia
M2, and Gregory L. Laserson, Ph.D. in M.E.


Poul D. Kohl (left), B.S. in M.E., Purdue' '46, checks the a
instrument.

So you may visualize the scope and diversity of the work, here are examples of instrumentation recently developed and designed by Du Pont technical men:
. A de vice to measure flow of approximately $30,000 \mathrm{lbs}$, per hour of gas at accuracy and be responsive to flowhanges of five cycles per second.
2. A device to monitor continuously 1200 similar temperatures. Equipment to record temperature and sound alarm
at a deviation of $1^{\circ} \mathrm{C}$. from desired point.
3. An automatic control system to main. An automatic control system tomain tain a predetermined pressure-tempera-
ture relation in a large-batch autoclave during spontaneous reaction between wo chemicals.
Thus it can be seen that Du Pont instrumentationislimited to no single avenue of engineering. Men with an aptitude for the work get experience in many phases of the Company's lechnical activities-and anexcellent background for positions in

(1)]UND
better things for better living
. THROUGH CHEMISTRY
$\qquad$

## Rat er Swimmers Engage Ne Mexico Military Today

 meet．
＇Mural Softball
Races Undecided With the season about half over
only the Aggie league has an un－ disputed leader in intramural Soft－ ball．DM led the Aggie Loop at
the end of their first round with the end of their first round with
a $4-0$ record．Three teams are tied for first in the MICC circuit Keys，Wranglers，and Los Cam are sporting 3－0 records．
Action is moving along slowe
than usual in the four leagues this year．Two leagues，Aggie an Dorm，are playing a double round
robin，and have just started the robin，and have just started the second round．
Shed East and Gordon Mali were tied for first in the Dorm
League with $3-0$ records at the end of the first round．The two teams had played each other one
time with the contest ending ir a scoreless tie．No playoff game has been scheduled to break the deadlock．
The Rebels
the Independ
marks．This
MICC，has
are leading
way mark
Complete
Arse Le
Team
Du
Block and




Golf，Net Teams Have Additions

Raider golf and tennis teams have recently added the services of
two new players，G．W．Warden of Levelland and Pete Edwards Warden is the nets adcation to the golf team．Classified as Tech＇s No． 1 golfer by Tech＇s Athletic
Director，Bill Holmes，Wat her Director，Bill Holmes，Warden was
a standout last year on the Raj－ der golf team．He has not seen
service this season due to a work schedule that conflicted with pere－ Yous matches．
Pete Edwards，football quarter－ back，joined the Raider tennis
team as No． 4 singles pay team as No． 4 singles player．He fills a vacancy created when
Richard Clartice，No． 2 performer from Odessa，decided to forego tennis in favor of his engineering studies．
Edwards won his match as the Raiders downed Texas Western
6－0 in El Pasco last $6-0$ in El Pass last week－the sec－ beaten the Miners．
＇muraí golf
Match play in intramural golf Meadowbrook Country Club． Those participating will be work－ ing towards the all－college cham－ pionship．

Dr．Wallace Book Gets High Honor South Plains，＂by Dr．Ernest Wal． lace，was recently selected as the ed in 1952 The book publish－ by the Southwestern Libras judged rene which met in Memphis， Tenn it story of the book and the author appeared in the and the ition of The Library Journal． Dry and assistant dean of Arts and Sciences，has written one oth－ er book，＂Charles De Morse： His Editor and Statesman： his magazine articles have ap－ pared in the West Texas Histor－ Texas Archeological and Paleon－

＂LISTEN，BIRD－BRAIN，don＇t gee soar，but I cooed never love you，＂said Sheeny＂， little chickadee．＂Your hair＇s strictly for the birds！Better remember the tree cardinal rules for social success so you wont be an also－wren．1．Hop to a toiler goods counter．2．Peck up a bottle or tube of Wildroot 闌 Cream－Oil，America＇s Favorite Hair Tonic．Contains Lanolin． Non－alcholic．Grooms the hair．Relieves dryness．Removes goose，ugly dandruff．Helps you pass the Finger－Nail Test， 3．Use it daily and peeple will love you．＂Paul got Wildroor Cream－Oil for himself and a diamond wing for his sweetie－ pie．Better buy a bottle or tube today．Or ask for it at your barber＇s．If you don＇t you＇re cookoo！
＊of 131 So．Mars Hill Rd，Williamssille，N．Y．
Wildroot Company，Inc．，Buffalo 11，N．Y
MURAL SOFTBALL SCHEDULE MICC League
Los Cams 4，Keminas 3
Wranglers 5，College Club Adelphi 15，Centaur 5
Keys 20，Socii 6

GEA 1．Fresh \＆Soph 0
DM 1，PI 0
Shed East 5，Dak 2
Gordon 8，Sneed－West
Dorm League，April 20
Bledsoe vs．Shed East
Dak vs．Shed West


You＇ll be happy as a lark too when you try some of that good CLOVERLAKE ice cream！

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## Sensational New Advance in Golf Clubs



Using an entirely new and exclusive scientific
formula，Spalding creates these clubs with centers of gravity in absolutely coordinated sequence．Every wood，every iron，has identical contact feel ．．．gives you amazing ease of shot control
You make tough shots look easy．Your timing is uniform． You get the ball away straighter．You shoot for the pin in－ stead of the green．You get lower scores，consistently．

## Texilies Laboratory To Be Featured In Home Ec Open House, April 24, 25

Chemistry Profs Students' Recita To Attend Meeting To Be Wednesday
 Southwest Division of the Ameri- nesday in Music Building Rec can Association for the Advance- neall. Tempe, Ariz. Dr. Dennis will read a paper on
identification of organic compounds by means of refraction and density which he did with Herbert Stokes. Dr. Craig, in col-
laboration with Presfon F. Gott, assistant professor of physics, has prepared a paper on spectrographic analysis
the meeting.
The AAAS is the largest scien tific body of its kind in the world, having some 45,000 members in the United States. Its convention Plans are to invite the organization here again in $1954^{-}$
SCHOLARSHIPS RENSWED
Standard Oil Company of ship for the academic year 1953-54.
The $\$ 500$ scholarship
open to senior engineers any department of Engineer

## RECORDS

Wayne'1 Record Rack


March in D Major Dana Wamples, piano Recitative and Aria: "I
vieni, non tardar" Anne Spikes, soprano questa tomba oscura

Thomas Brown, barito ome, Sweet Morning Old French Carolyn Taylor, sopral Little Shepherd .. Debu
Joyce Miller, piano talaguena Lorraine Pipkin, piano Id Black Joe Arr. Holr Chuck Wilson and Jar Bradford, trombonists

Mendelssc
Chuck Wilson, trombo tude, Op. 10, No. 12 in e Bill Rogan, piano Jimmie Bol Portwood and Elmer S

Dr. C. Earl Hildreth OPTOMETRIST DIAL $2-4328$ Broadway and College
${ }_{\text {The rest }}$ of this wall is lined With cabinats combiuining stuentsts supply lockers. Ahbove these cab and man-made tibers contained in numerous glass jars.
Storage space and display cases

Engineers Make Trips Two departments of the Engisented recently or will be soon at
regional meetings.
Chemical engineers won third
prize at a technical paper contest ing of student chapiters MectAmerican Institute of CCumical
Engineers at Rice Institure last Saturday, with a pap re ennitied
"Solvent Extraction of CuttonEighteen students and two faculty members of the merhanical
engineering department lett Teck
Sta repional meeting of the Americal Student speakers compele tor tou convention. The group will
tour several industrial pazants in
ho Houston aren

## First-

seale moder us well as several servicing units from area contra
tors outside of the buildings.

## Civil Engineers will dispiay a model of the type of turbine $v$ :sed

 model of the type of turbine visedat Boulder dam. The model turbine transforms water power into ate a rock crusher and a seperator:
Also displayed wif be specimans of water from Buffelo Lakes containing algae and other organisms. Another feature of this depart-
ment will be a model of an earth

Geologists will have displays of mineralogy, petrology, historical photos, stratigraphy, and meteorvoirs, a steam table, and a geyser

| age drawers are filled with fibers, fabrics, yarns and reading material used in Textiles 231. This is a course required of all home economics majors. Courses in textile merchandising, textile appreciation, textile economics and advanced textiles are also taught in this Iaboratory. <br> Miss Mabel D. Erwin, head of clothing and textiles, Mrs, Edna Buster, associate professor, and Miss Ellen Wright, assistant professor, teach these courses. <br> Connected to the large laboratory is a small room containing several other testing machines and a clothes dryer. A chemical unit used for removal of everyday stains and sometimes for chemical tests on fabrics is also housed here. <br> Permeometor <br> The permeometer, an expensive machine, rests on a table. This is used to test the porosity of a tabric. By measuring how much air passes through the tiny openings in a yarn, one can tell how warn or cool a material will be. Another apparatus is the michoprojector, used to magnify glass slides containing sections of fibers and project them on a screen for the benefit of the entive class. <br> The "Control Room" adjoins this part of the laboratory. This is a small, windowless room in which the humidicy and temperature can be kept at the standard | conditions for testing fabrics set Quartermaster Machine <br> A Stoll-quartermaster abrasion machine, one of the few in the United States stands in this room. This apparatus tests resistance to friction on materials. Wear such as occurs on the knees of overalls worn by small boys is caused by friction. A Scott tensile strength tester rests in another corner, but is not yet completely installed. <br> The department's machines are so up-to-date that cotton research people have recently brought some fabrics there to be checked, cording to Miss Wright. <br> This laboratory, along with the rest of the Home Economics Building, will be on display at Open House from 1 to 10 p.m. on Friday and 9 a.m. to 5 p.m. Saturday. <br> Madrigal Singers Will Perform At Luncheon for Ministers' Wives <br> Tech's Madrigal Singers will appear at a luncheon Wednesday for ministers' wives attending the State Convention of Christian Churches in Lubbock. <br> The singers include Marjorie Tharks and Dorothy Magness sopranos, Marjore Scales and Rosemary Sprague, contraltos; Billy Cormack and Clarence Whiteside, tenors; and Tom Brown and Tim Magness, basses. |
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