

# The Technique

"The South's Livest College Weekly"

Georgia School of Technology

VOL. XXIV

THE TECHNIQUE, ATLANTA, GEORGIA, FRIDAY, OCTOBER 19, 1934

No. 5

## Pi Delta Epsilon Elects 22 Student Journalists

### Fashion Show Next Week to Be Best in Years.

Twenty two Juniors and Seniors were elected to Pi Delta Epsilon, National Honorary Journalistic Fraternity, Sunday, at the Phi Kappa Sigma House. Those elected were Allan Morris, Ed Sack, Fred Cox, Pop Seigel, John Oster, Al Erwin, D. L. Echols, Ray Kytell, Phil Harr, Sam McCreary, Culver Kidd, Dan Holsenbeck, Freddie Fuchs, Jerry McDonald, George Smith, Shorty Roberts, Delos Spring, T. F. Treadway, Dave Luntz, Harvey Fell, J. M. Markley, and Bert Gruders. The initiation of new members will be held shortly after the fashion show in November.

Final plans and committees for the fall fashion show were arranged by President Paulk. Plans this year include a larger program this year than the local chapter has ever before attempted. Souvenirs, refreshments, entertainment as well as displays of the Best in wearing apparel will be parts of the show. Contests with handsome prizes, awarded by beautiful girls, all tend to make this a gala event on the Georgia Tech campus. No admission will be charged, and the awarding of prizes together with an elaborate show will be given at the Y at the close of the show Saturday night.

(Continued on Page 7)

## Convention Delegates Report Successful Trip to Chicago

Georgia Tech's representatives to the National Collegiate Press Association and Associated Collegiate Press joint conventions in Chicago last week returned home Sunday with enthusiastic reports from the "Windy City." Fred Coward and Bill Kirkpatrick, representing the "Technique" were at the meetings of the National Collegiate Press Association which convened at the Bismarck Hotel. Jay Lee Cannon and Charles Sumner, representing the "Blueprint" attended meetings of the Associated Collegiate Press convening at the La Salle Hotel.

Registration of delegates to both conventions took place Thursday morning followed by a luncheon at the Fair Store at noon. The first regular business session met at 2:30 P. M. Thursday. A feature of the meeting was an address by Victor R. Portmann of the University of Kentucky School of Journalism on "College Journalism." At 4 P. M., the editorial and business sections adjourned to a round table discussion of their separate problems.

Another round table discussion at 9 o'clock Friday morning was followed by an address at 10:45 by Eugene T. DuPont, Sales Consultant Expert of the Chicago Daily News, on "How to Sell Your College Paper to the Local and National Advertisers." Mr. DuPont illustrated his talk with attractive displays used by the Chicago Daily News in selling its own advertising.

The delegates were guests of the Daily News at luncheon Friday in the News Tower, after which they were conducted on a tour of the newspaper plant, one of the most modern in America.

More roundtable meetings in the afternoon were followed by a dinner

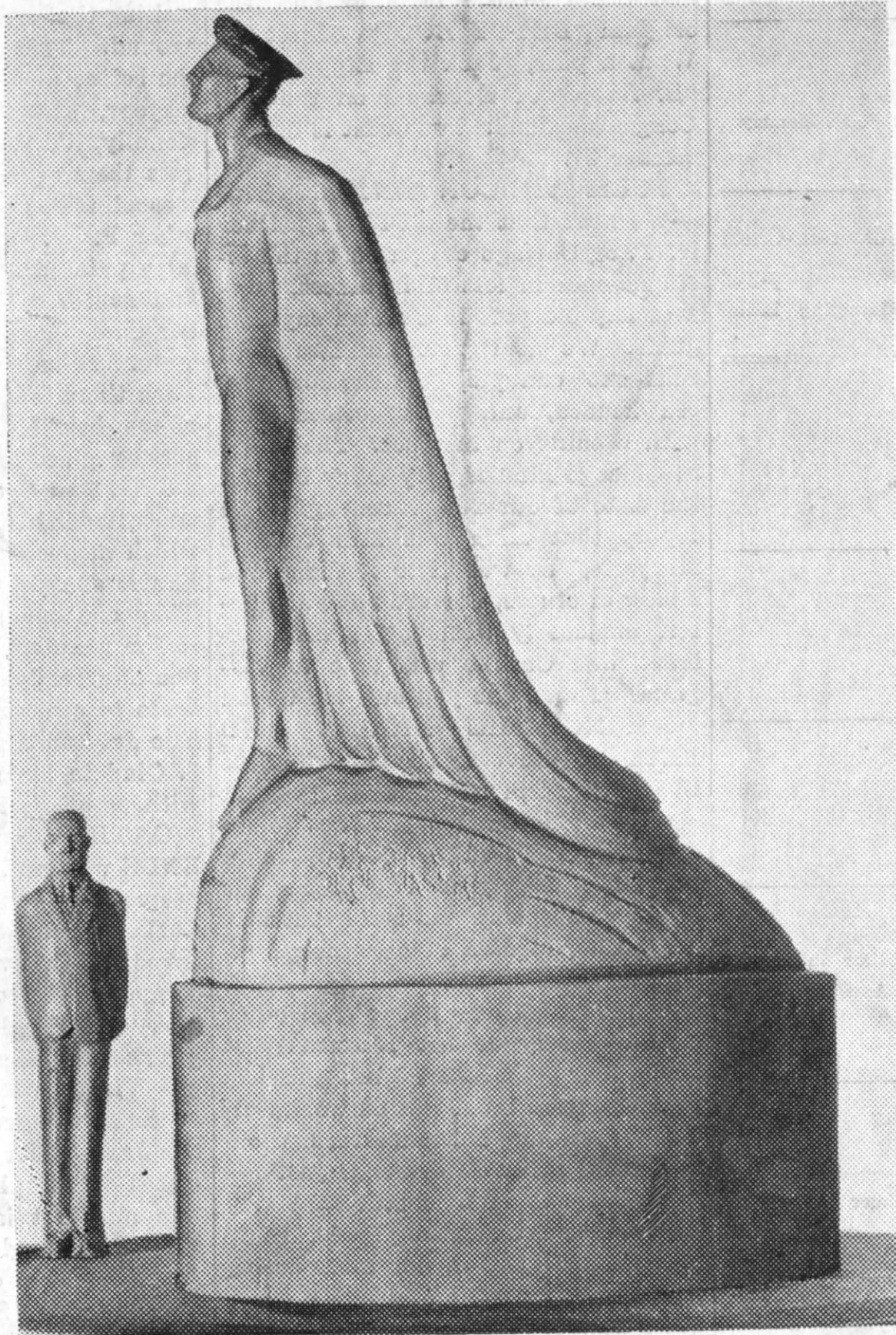
(Continued on Page 6)

### NOTICE

All students who have either dropped courses or changed schedules are urged to return their books to the College Inn at once for refunds. Also any mistakes made during the rush will gladly be corrected.

BILL HERRIN, Mgr.

## Chisler's "Birdman"



Julian Harris '28,  
Commissioned for  
Memorial Commem-  
orating Atlanta's  
former Ace Avia-  
tors.

## Coca-Cola Presents Autogyro to Aero Dept.

### Dr. Brittain Accepts Plane at Candler Field.

The huge autogyro which set the world's altitude record two years ago for aircraft of its type was presented to Georgia Tech by the Coca Cola Company Tuesday. Although the three hundred-horse power machine has been used for several years by the Coca Cola Company, it is in perfect condition and offers wonderful facilities for the study of aeronautical engineering at Tech.

Mr. William T. Campbell, representing the Coca Cola Company, made a formal presentation of the airship to Dr. Brittain, who accepted it for the school.

The craft will be painted with the Tech colors of gold and white, and will be used by the faculty and students of the Daniel Guggenheim School of Aeronautics for scientific flights and research work in Atlanta and vicinity.

The presentation of the Autogyro added a final touch to the facilities of the Aeronautical department. The of the aeronautical department. The department occupies a new building completely equipped with apparatus necessary to the study of aeronautics and stream lining, including a shop and one of the largest wind tunnels in this part of the country.

## Class Cut System Explained To Freshmen

For the benefit of the Freshmen and all other new men at Tech and for refreshing the memories of the old men, the Technique again explains the Georgia Tech system of class cuts as granted to the students by the faculty. The rules of the system are as follows:

I. Students will be granted "cuts" or excused absences not otherwise provided for in the attendance regulations, under the following conditions: 1. During each Semester (or quarter) a student may take ONE "cut" in a recitation subject scheduled one hour a week; TWO "cuts" in recitation subject scheduled two hours a week; THREE "cuts" in a recitation subject scheduled three to six hours a week. 2. This Privilege will be limited to students who are making a grade of not lower than C in the subject. 3. This privilege will not include cutting on days preceeding or following the Christmas holidays; nor will it include absences from laboratory, shop, drawing, drill or absence on days of announced quizzes. It also will not extend to tardies. 4. The total number of excused absences, including "cuts" and absences excused for any cause—shall not exceed two times the number of hours which the subject is scheduled a week. 5. In Order to secure the privilege of a "cut" the student must report the "cut" to his instructor within one week after the absence occurred.

II. Each fall there shall be prepared an Honor List of students who, for the preceding year, have made a general average of 3.5 or better. These students will be privileged to regulate their attendance upon scheduled duties without interference from the faculty, except as this privilege is subject to the limitations noted below: 1. This privilege will not include the following: (1) absences from laboratory, shop, and drawing; (2) absences on

### NOTICE

The Debating Society will hold Open Forum Tuesday, October 23, 7:30 P. M., in Chapel. Subject, "Government Monopoly of Armaments." All students interesting in public speaking and debating are urged to attend.

## Marionettes Sponsor Gala Stunt Night

The Marionettes will sponsor their annual stunt night tonight at 7:30 in the auditorium of the Tech Y. M. C. A. Stunts and skits will be presented by individuals, fraternities, and various campus groups in competition for three handsome prizes which will be given to the winning performers.

The first prize of a silver loving cup is offered to the individual presenting the best performance, and another loving cup will be given to the winning fraternity, while a huge cake will be given to the group offering the best stunt.

## Non-Fraternity Club Elects Leaders

The Non-Fraternity Organization held its first election Tuesday of Executive Committee members. The new body has many leaders of non-fraternity men who have shown intense interest in the welfare of non-fraternity students.

Those students elected were: Seniors—J. Gray Commins, E. V. "Al" Johnson, Oscar Suarez, Marvin Whitlock and E. L. "Bo" Pearson. Juniors—"Hank" Simmons, Fon Li, H. V. Lamberti and Johnny Brock. Sophomores—Joe Croley, F. W. Smith, W. C. Williams, A. A. Miller and R. H. Fagan.

A program for the year will be completed very soon. Under such competent leadership the non-fraternity student on the Tech campus is assured a year of interesting activity.

Those men elected as the first official representatives of the non-fraternity students have a fine reputation to uphold. The first Executive Committee encountered much opposition but finally was recognized by the Faculty. This being the non-fraternity students first organized triumph.

## Tech Y to Show Edu- cational Sound Pictures

Plans have been under way for several weeks to have installed in the Tech "Y" auditorium moving picture sound equipment. The Tech "Y" announced today its completed plans to begin showing at an early date the latest and best pictures available on astronomy, geology, industry and engineering, literature and drama, chemistry, physics, biology, travel and transportation, religion, etc.

The "Y" is trying to arrange to show among the first exhibitions "The Cosmic Dream"—five reels relating earth's story from erosion and fossils; origin of solar system; appearance of life; effects of glacial action; adaptation; types of mankind, etc.

Another interesting picture which

(Continued on Page 8)

## Naval Bulletin Staff Organized

Pierre Dawson has been appointed Editor-in-Chief of the Tech Naval R. O. T. C. Bulletin, an annual publication sponsored by the Tech Naval Unit for the purpose of reviewing the activities of the Navy department and presenting them to the families and friends of the R. O. T. C. students. Dawson will be assisted by Allen Morris, Assistant Editor-in-Chief, and Dick Aeck, Art Editor. The faculty advisor of this year's Bulletin will be Lieutenant-Commander W. S. Ferguson, U. S. N.

The Tech Naval R. O. T. C. Bulletin, formerly called the Christmas will be shown is "Business in Great Waters"—two reels, laying the fastest submarine cable ever made between Newfoundland and the Azores.

(Continued on Page 3)

### NOTICE

Bulldog Meeting, Tuesday, October 23, at 7:00 P. M., at the Y. M. C. A. Important business.

## Navy Day Will Be Emulated Oct. 25

The Tech Naval Unit will hold its annual Navy Day celebration in the chapel Thursday morning, October 25, at eleven o'clock, featuring moving pictures, addresses by prominent men in Naval circles, and presenting news of interest concerning happenings in the Navy.

Commander M. C. Bowman, Commandant of the unit, and Dr. M. L. Brittain will be the principal speakers of the morning, giving talks befitting the occasion. Motion pictures reviewing the activities of the Tech Unit on the cruise last summer will be

(Continued on Page 7)

## Yellow Jacket Club Outlines Purpose.

Four years ago, the Yellow Jacket Club was organized by Coach Alexander and Professor F. B. Wenn. The club was formed with two main purposes; to help carry out the traditions of Tech, and to build up the Tech spirit. The club has charge of the pep meetings, and Shirt Tail Parades; and also control of all matters of hazing in regard to Freshmen.

The officers of the club are elected at the end of each school year. The officers for this year are; President, E. V. Johnson; Vice President, J. W. Lucas; Treasurer, J. G. Commins; Secretary, S. T. Stendera. The club is divided into a senior and a junior division. The former is composed of six seniors and eight juniors, and the latter of sixteen sophomores. Eight from the junior division are elected to the senior division at the end of the school term according to their interest and activities. A small initiation fee is charged. Any student is eligible at the end of his freshman year for membership.

The club has control of the cheering section, and the school cheer leaders are chosen by the members during the spring of each year. The cheerleaders have worked every night for more than a week with the freshmen in an endeavor to have them learn the yells and songs. Two pep meetings

(Continued on Page 7)



# The Technique

The South's Livest College Weekly

GEORGIA SCHOOL OF TECHNOLOGY, ATLANTA, GA.

Published every Friday by the students under the supervision of the Student Council  
Entered at the postoffice in Atlanta as mail matter of the second class  
Accepted for mailing at special rate of postage provided for in Section 1103  
Act of October 3, 1917, authorized April 3, 1922.

## SUBSCRIPTION RATES

10c Per Copy; \$2.00 Per Year; \$1.50 Per Year to Tech Students  
All advertising matter must be in the hands of the Business Manager by 5:00 P. M. Monday before date of publication.

Dillon Kalkhurst Editor-in-Chief  
Fred Coward Business Manager  
Bill Kirkpatrick Managing Editor

## ADVISORY BOARD

Albert Gibson	Jay Cannon	Doug Bullard
Charlie Yates	Vin Millen	Geo. P. Burdell
Charlie Sumner	Mac Keiser	Pierre Dawson
Wright Paulk		

## ASSOCIATE EDITORS

Jim Watkins	Fred Cox	Dave Luntz
Allen Morris	Ed Peebles	Hoke Simpson
Ed Sack	Sam McCreary	Pop Siegel

## NEWS DEPARTMENT

Joe Alexander	Billy Harwood	Marion Sims
Dick Verdier	C. M. Lokey	Hugh Ivey
Dick Richard	Jack McKinnon	Chick Meehan
D. L. Echols		Lanny Montague

## SPORTS DEPARTMENT

J. Gray Commins	Associate Editor in Charge
Nat Frisch	Assistant Editor
Wallie Moye	Assistant Editor
David Long	V. C. Casey
	Joe Dillard

## BUSINESS DEPARTMENT

Culver Kidd	Kearsley Selden	Jack Courtney
Don Johnston	Lee Hightower	Jimmy Burns
E. J. Benton		Harkness Kenimer
Herbert Sams	Fred Jeter	Alvin Koplin

## CIRCULATION

Freddie Fuchs		Associate Editors in Charge
Jerry McDonald		
John Oster	Joe Body	Doug Crocker
Allen Meeks	Gilbert Tillman	George Houck
	Pete Williams	

## FRESHMEN REPORTERS

Cargill Barnett	John Boy	Ed Perry
Joe Brasfield	Victor Casey	

## OUR TEXTBOOK SITUATION

By the Manager of The College Inn

In last week's Technique the staff saw fit to head their editorial column with a stiff criticism of our Tech Professors for not ordering sufficient textbooks.

We, of the College Inn, were quite aware of the shortage in books and were much embarrassed by the fact, realizing that Tech is one school where you can get by without a textbook. Our professors, basing their expectations upon last year's registration, placed their requirements with us in ample time. We, in turn, had all our orders in and on our shelves a week before school opened.

The following factors made the shortage inevitable:

1. The phenomenal increase of students of all departments in all classes, which included many transfers and students returning to school after a year or even several years absence. In some departments it was actually necessary to procure additional instructors. A twenty-five per cent increase in Freshmen was predicted and prepared for, but the enrollment totaled far above expectations.

2. The publishers sold completely out of books in many cases due to the increase in students over the entire country. In these instances, book stores are unable to buy books until more are bound, which takes time and causes delay. This applies directly to our shortage in Chemical, Electrical, Social Science, and Textile Books. We could not get our orders through in these courses until the books came off the press.

3. Poor service from out of town publishers, whose shipping departments were evidently jammed and inefficient. Our re-order on Geology books, where seventy five more students appeared than was expected, was over a week getting here where normally only three days are required.

4. The increased purchasing power of our students, which our records show has jumped from one out of two students buying last year to nine out of ten this year. Our sales for the rush period have been the best that we have had since 1929, showing that the depression has lifted to some degree among Tech students.

It is hoped that the above true and authentic statements will clarify the minds of all students who have suspected that either the book store or the professor was responsible for their not being able to buy necessary books.

We sincerely trust that all of our professors will be lenient if poor marks have been made the first few recitations where books were unavailable, and that victims of zeros in such cases will receive fair treatment.

The College Inn, The Professors, and the Publishers promise you a square deal and good service in procuring your books for the second semester.



AS THIS ISSUE goes to press, comes the news that Sigma Chi, Jack K., the well known brother of the Editor, is procuring himself a ball and chain in the form of one, the original "BETTY BOOP" Schroeder. What a pair, "Jack the Ripper" and "B. Boop," of Deerland on the hill. Congratulations! The event is on December 27.

FORM THE CONVENTIONEERS—We hear that the SYT's in neither N. Y. or Chicago compared to the local femmes in lots of instances, however any old port in a storm says the gents. We hear that the Tau Beta Phi sho' can pick 'em medium and red headed, and "Vin" comes back with a smile on his face. The music in Chicago land is very Okay but for the sake of our fellow colleagues we report that Kirk was still true to Marjorie, Jay was ditto to Anne and a slew of others, Coward enjoyed himself immensely without feminine element, and Charlie was true to Virginia. That's one you owe me Gents.

AMONG THE BIGGER AND BETTER—Love affairs are that of Grace the Phi Gamma Delta that motors to far away Lynchburg to see one Clare Bullock of Cornell fame. Col. Ben of last years regiment seems to be getting more and more that way about one Gorman of Oglethorpe renown. Butters and Paulk are more and more that way about each other but that way or not Butters must have her specialty, intermission. Paulk is tired from lots of work Saturday P. M. and Butters intermissioning was much in evidence just the same. Jay Cannon is still that way about Anne Gray although we are sure that he will deny it, but after seeing Anne recently, well Jay old Boy we don't blame you, that is being that way. The Mertz-Phi Sigma Kappa affair is of the Junior degree and not the frosh, but what we said still goes with the substitution of Junior for Frosh, we thought you knew better.

AMONG THOSE VULNERABLE IN THE—Tech social whirl this year we find "Softie" Camp now a P. W. G.,

and more vulnerable than ever, her S. O. T. (note the periods you dope) Aileen Brown, denying with fervor her intentions toward one Dan Guest, and smiling that knowing smile when he is around. There is Strickland one of the better finds out Scott way of yesteryear, who Wimberlys every occasionally, it's the curly black hair that gets them or maybe it is those heavy masculine eyebrows. Bobbie Crew another P. W. G., who minus her Kolatty painted a picture of martyrdom and as till yet we don't delieve she has missed a single dance at the Biltmore. Dames are funny that way. Then there is Marion Fugitt this year minus her J. B. that seems to be getting places.

THE Tau Eps—We notice announce another of their conclaves in Atlanta, which means another round of social affairs as only the Tau Eps can give. They are one group that don't take it for granted that you know everyone and really put themselves out as hosts to see that you enjoy yourself. The date of the conclave, Nov. 2 and 3. Glad to have the visiting brothers with us at Tech again, gents.

GATHERING UP THE LOOSE ENDS we find that an old romance of yesteryear has been revived when Corkey Selser of Blue Print fame returns as an aviator in Uncle Sam's army and bestows a Senior ring on Mary Garland. Seems that this year's B.P. Mgr., is that way about one Virginia Hart one of the newer of the Agnes Scott lassies. Seems that one Jack White of SPE fame has one Dot DeKlyn plenty that way about him and Dot is worrying about the visa-versa angle, get her wised up Jack. At least one of the Hunnicutts gets out of the SYT ranks when Mary Cobb goes Debbie, more power to you "Cobbie." Alpha Delta Pi, in case it might interest some of you, at Tal-Ann Jeter, Helen Peck, "Mitch" Barnett, and Jo Davis. While Virginia Merry, Mary Lou Moore, Sweetsmith and a flock of new ones assure us that they will hie from the land of Orange blossoms for some of the better events.

## M. E. Department Offers New Course

Due to numerous requests for advanced work in metal processing, the M. E. dept. is adding an advanced elective course to be known as M. E. 18. The main project of this new course will be the making of the students of a two horsepower, one cylinder gas engine which is being designed now by Messrs. Harbort and Battson, seniors in Mechanical Engineering. Formerly, those interested in advanced work were allowed to shift for themselves, but it is believed now that under the new plan plenty of opportunity for additional study will be offered, with proper instruction. This course is offered to all M. E. upperclassmen and school credits will be given. For information see Major A. Case, sponsor of the course.

## New Members Elected by Alpha Chi Sigma

Alpha Chi Sigma, national honorary chemical engineering fraternity, held it's fall election Wednesday, October 10. At this time two seniors, Thad Ricks and Jack Gordon, and three juniors, Ernest Lindsey, Ward Sachs, and Vernon Lyons, were elected. Initiation will be held within the next few weeks.

The present officers are: Bob Eley, president, Doug Bullard, vice-president, and Charley Covucci, secretary and treasurer.

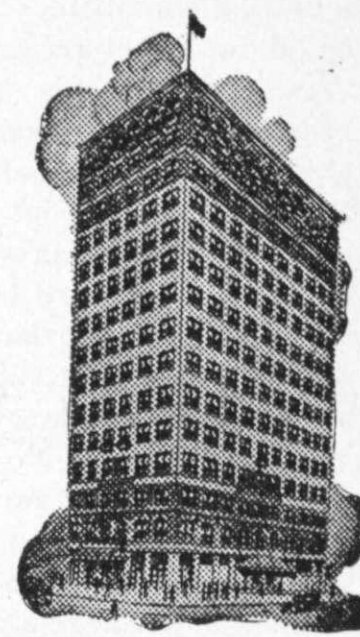
Alpha Chi Sigma is very active on the campus, sponsoring the interesting displays in the hall of the chemistry building and many picture shows at no cost to the student body.

The Technique and the students of Georgia Tech join in expressing to Prof. T. D. Seidell their most sincere sympathy upon the death of his beloved wife.

## NOTICE

J. W. HARMON (Student)  
will call for your shoes every  
Tuesday and Thursday Night  
**TECH SHOE SHOP**

## ROBERT FULTON HOTEL



Where  
Students  
and Old  
Grads  
Meet

\$75,000 Spent  
In Redecorating  
For Your  
Comfort

300 Rooms -  
Each With Bath

"ATLANTA'S BEST"

## Georgia School of Technology

"A Technical School With a National Reputation"

THE GEORGIA SCHOOL OF TECHNOLOGY offers to young men of ability and ambition a training which will fit them for positions of responsibility and power. The national reputation of this institution is based not on claims, but on results. Its greatest asset is the record which its alumni are making in the productive work of the world. Georgia Tech graduates succeed because they have been trained both to think scientifically and to work efficiently.

Courses in Civil, Electrical, Mechanical, Textile, General, Ceramic, Chemical, and Aeronautical Engineering, Architecture Industrial Education, and General Science

Coast Artillery, Signal Corps, Navy, Infantry, and Ordnance Units of the R. O. T. C.

For Further Information Address

THE REGISTRAR GEORGIA SCHOOL OF TECHNOLOGY ATLANTA, GA.



## Internat'l Relations Club Holds Meeting

The International Relations Club will hold its initial meeting of the year at 4 P. M. Sunday, October 21, in the "Y" Auditorium. This society, sponsored by the Carnegie Foundation for International Peace, was organized on the Tech Campus last year under the presidency of Ross Wilson and the faculty advisorship of Professor Rainey. This first meeting will be devoted to organization and preparation for the year's activities.

This Club is represented on the campuses of all principal universities and colleges of the nation. Its purpose is to study not only international affairs but also public controversies in general and to foster the discussion of all important topics.

Fortnightly, the Carnegie Foundation furnishes each club member with a summary of all international events. Three times yearly, the best books on the subject are distributed to the clubs. A special shelf in the Ga. Tech Library, made available through the co-operation of Dr. M. L. Brittain and the Library staff, on which all books and literature concerning International Relations may be found, is now kept.

Everyone interested is invited to be present Sunday at 4 P. M. in the "Y" Auditorium.

## News! News! News! Petrel Bites Frosh

When a man bites a dog that's no longer news, but when one man bites another that's something to write about.

"Orrie" Harrison, one of our own 38'ers saw a few Oglethorpe freshmen the other day on West Peachtree. He and his two pals started after them; all but one Perel left like a shot. This young Petrel was a fighter, and he let our boys have it. Fists flew in all directions; two of our fellows got their faces cut. They finally got him cornered, took his hat and tried to make off. But it wasn't as easy as all that. The cannibal from Oglethorpe dove at Harrison and sunk his teeth deep into his thigh.

The other Freshman yanked him off

## Latest Equipment Installed in M. E. Building

This year, Dr. R. S. King, head of the Mechanical Engineering department, announced some very beneficial and timely improvements in the equipment and personnel of his department.

A new electric welding machine has been installed in the welding laboratory, thereby increasing the student capacity of the laboratory by as much as twenty per cent. This is a very welcome addition for it will contribute greatly to the relief of the congestion in this class. Another welcome addition to the department is a new sound picture machine which will greatly aid in increasing the interest in the technical pictures that the Mechanical Engineering Department has so successfully shown in the past. The Mechanical Engineering students have already noticed the much improved condition of their laboratories, since most of them have been tidied up with a new coat of paint.

The department has not only obtained more equipment but has also had an increase in its personnel in the form of four new assistants. Dr. King and his department are glad to welcome Mr. C. A. Short, Mr. J. S. Chandler, Mr. G. L. Ball, and Mr. F. J. Wisses to the Mechanical Engineering Department.

after a while, and Orrie got his prize. Now "Orrie" and his pals think that blue is a nicer color in caps.

## Navy Bulletin Staff Organized

(Continued from Page 1) Bulletin, is written, illustrated, and published entirely by students chosen from the Naval unit. Some of the activities it reviews are the summer cruises, Navay Day celebrations, and the incidents, studies, and duties of the Naval reserve students.

The Bulletin's staff met last week and formed plans for an extensive program for the forthcoming Bulletin, which is expected to be bigger and better than ever before. Staff meetings will be held every Thursday during drill period.

The students at the University of Michigan voted in favor of the modification of the rule which puts a ban on the use of automobiles. Only students with degrees are to be permitted to drive cars.

Expenses incurred by the varsity head cheerleader of the University of Michigan in attending out-of-town games will be paid from the funds of the class treasuries of the eight library and engineering classes.

Just imagine the embarrassment of two Oklahoma students who were signalling in class by means of the sign language when the professor used the same means to tell them, "Don't do that any more."



"Yeah! I know they've got a bigger house, a bigger mortgage, and a football captain, but one of our brothers has a **FORD V-8**"

# Granger Rough Cut



... in a  
common-sense  
package — 10c

*"I'm glad I live in a country  
where a dime is money*

*—and where I can get  
good pipe tobacco"*

THE tobacco which we believe is best suited for pipes is used in making Granger Rough Cut.

It is made by the Wellman Process, and we believe that it will compare favorably with higher priced tobaccos.

*We wish, in some way, we could get everyman who smokes a pipe to just try Granger.*

LIGGETT & MYERS TOBACCO CO.

the pipe tobacco that's MILD  
the pipe tobacco that's COOL

—folks seem to like it





# SPORTS

COACH ALEX.



## TORNADO INVADES ANN ARBOR

### Jackets Chances Even With Former Big Ten Champs

The Georgia Tech Football squad left yesterday on a long jaunt to Ann Arbor to encounter the Michigan Wolverines in an intersectional battle. The Wolverines, for three years champion of the Big Ten Conference, have had as discouraging previous two games as the Jackets. While Tech was losing to Vanderbilt and Duke, Michigan was trampled first by Michigan State and then by the University of Chicago, both relatively minor gridiron combinations of the mid-west.

Should Tech be able to make their offense click as well as it can be done, and render null and void any passing attack by the Wolverines, it is likely that the Jackets will add an unexpected feather to their all too bare hat. Michigan shows none of the power and deception of last season. Their defense crumbled pitifully in their last two games and their offense lacked the accustomed polish. It is well to note that the defeats suffered this season are the first to be inflicted on the Wolverines since 1931.

Tech places a great deal of hope in the return to perfect playing condition of Captain Jack Phillips. With the experience gained in the past few games and the greater confidence shown by the backfield it is possible that the Tornado will for once bring home the bacon. In spite of Michigan's heavy team, the fast twisting, running of Perkerson, Roberts, Ferguson, Hays, and Martin and the plunging and passing of Phillips will have a tell-tale effect.

If Tech will only hold on to the ball in their reverses, double passes, etc., their attack will prove much more powerful, deceptive, and devastating. It is mainly through costly fumbles and intercepted passes that the opposition has been placed in a scoring position. Of the eight touchdowns scored against the Tornado, seven have been through opponent's completed passes or intercepted Tech Throws.

One of the chief inducements to go to Ann Arbor with the team was the appearance of Phil Harris and his famous orchestra, who with Leah Ray will play at the Tech-Michigan Football Dance on Friday night. A portion of the program will be broadcast to-night at 8:00 P. M.

### Devil's Avenge '33's Bitter Defeat

The Golden Tornado suffered its worse defeat in several years, at the hands of Wallace Wade's Blue Devil eleven in Durham. The final score was 20-0.

Behind the brilliant generalship of Corky Cornelius, stellar halfback, "Ace" Parker, triple-threat fullback, and Jack Dunlap, the Duke Machine, achieved sweet revenge for their 6-0 defeat by Tech last year. You remember, Duke had been undefeated until Tech spoiled their chances for a Rose Bowl bid.

Duke outplayed Tech in every department of the game except in the play of our defensive ends. Corky Cornelius starred with his long runs and accurate passes and Parker had Tech fans groaning after his long, well-placed kicks. For Tech Gibson and Katz starred with the Wilcoxes and Williams also doing well. The Yellow Jackets biggest weakness being their passing.

The Blue Devils scored their three touchdowns in the first half and then started to play defensive ball for the rest of the game.

Duke made their first score immediately after the opening whistle. Cornelius crossed the goal line after he had received a pass from "Ace" Parker, which netted 35 yards. He then made the extra point by a placement kick.

A few minutes after the first touchdown Cornelius took the ball on the fourth down and raced seven yards to a first down on Tech's 23 yard line. Four plays later Parker's pass to Wentz was good for a touchdown. Cornelius again kicked the extra point.

In the second quarter, Cornelius, aided by the excellent blocking of his teammates, ran off left tackle for a gain of 29 yards, to Tech's 2 yard line. Tech held the Blue Devils for two downs, but Jack Alexander then smashed through the center of the line for a touchdown. The try for the extra point failed. At this point of the game, Duke began playing defensive ball.

In the second half, Duke punted every time Tech advanced into their territory. The only time Tech came within scoring distance was when Duke received a punt from Tech on their one yard line. On the next play Parker showed his ability as a punter when he kicked from behind his own

(Continued on Page 7)

### Phillips, Recovered, Returns To Battle

When it was announced that Jack Phillips would be able to resume his position on the squad prior to the Vandy game, a good many rumors were circulating concerning Jack's physical condition. The essence of these rumors might have been condensed into one question, "Would Phillips be able to last the rest of the season?" That question troubling a good many Tech supporters was definitely answered by a loud, emphatic "yes" from the knowing Mike Chambers.

To show how much was behind that answer, Mike, when questioned, named all of Phillips injuries from the time he was on the freshman squad up to the present. It is doubtful if Jack, himself, remembers as much about his injuries as does Mike Chambers. In fact, it would take many hours to enumerate all of the facts gleaned from Mike's voluminous memory.

Jack has had an unusual stormy career. At the end of his freshman year he suffered from a bone separation in his shoulder and, to complicate matters, he was forced to undergo a nasal operation as the result of facial injuries incurred during the season.

As a Soph, Jack didn't get much of a chance to strut his stuff as the old reliable, Ben Cherry was in there most of the time.

But toward the end of the season Jack began to be used, more and more. It was not until the California game that it was first realized what a player Tech had in Phillips. It was at this time that the since famous Phillips-Roberts combination saw its first real action.

Last year Jack came through the season unscathed and was lauded as being, without a doubt, the best fullback in the south. In the Duke game Jack reached the peak of his career, and this was for a very natural reason. In the Duke line-up was one of Jack's old school chums from Waynesville, N. C., Fred Crawford. It is said that practically the whole town of Waynesville turned out for the game, half rooting for Jack and half rooting for Fred. It was a matter of pride between Jack and Fred as to who was the best man in Waynesville and each had his own private opinion in the matter. As it turned out things balanced pretty well. Jack won the

(Continued on Page 5)

### Tarheels Defeat Bulldogs, 14-0

Two of Georgia Tech's future opponents, The University of Georgia, and the University of North Carolina, met in Athens last Saturday, with disastrous results to the championship hopes of the Bulldogs. They were thoroughly and decisively defeated by the Tarheels to the tune of 14-0. The score accurately tells the story of the game. Georgia gained a lot of ground, but the boys from Chapel Hill had the punch to take advantage of two opportunities and make touchdowns of them.

In defeating the Georgians, Carolina showed one of the best lines seen lately. Captain George Barclay is undoubtedly one of the outstanding guards in the country. He is not only an inspiring leader, but he is a magnificent linesman. He backed up the line on the defense, and his seeming uncanny ability to diagnose plays placed him in the right place at the right time. The Tarheel captain was ably assisted in defending his goal by Buck, and Kahn, an end and a guard respectively. On the offense, Shaffer and Jackson shone. Shaffer does the

(Continued on Page 6)

### Cross Country Team Begins Practice for November Meet

Practice for the cross-country team under the direction of Coach George Griffin has been under way for two weeks, with thirty-five varsity candidates and twenty-seven Freshmen out for the squad.

Among those showing up well at this early date: F. A. Jones, R. M. Jones, J. K. Rankin, Kodell, Watters, Thompson, Batson, Mills, Beall, Johnson, McLain, H. West, and Devenport. Emlong, Freshman runner of year before last, who was out of school last year is also doing very well.

The schedule has not yet been arranged except that the team will go to Knoxville for a meet with Tennessee November 2. Meets will be held with Alabama, Auburn, and Florida the places and dates to be arranged later.

Coach Griffin is looking forward to a successful year for both varsity and Frosh squads.

... At the University of Oklahoma, a professor of public speaking flunked an overawed student with the cryptic, "So you won't talk, eh?"

## Presenting

An Exclusive New Line of

## HART SCHAFFNER & MARX CLOTHES

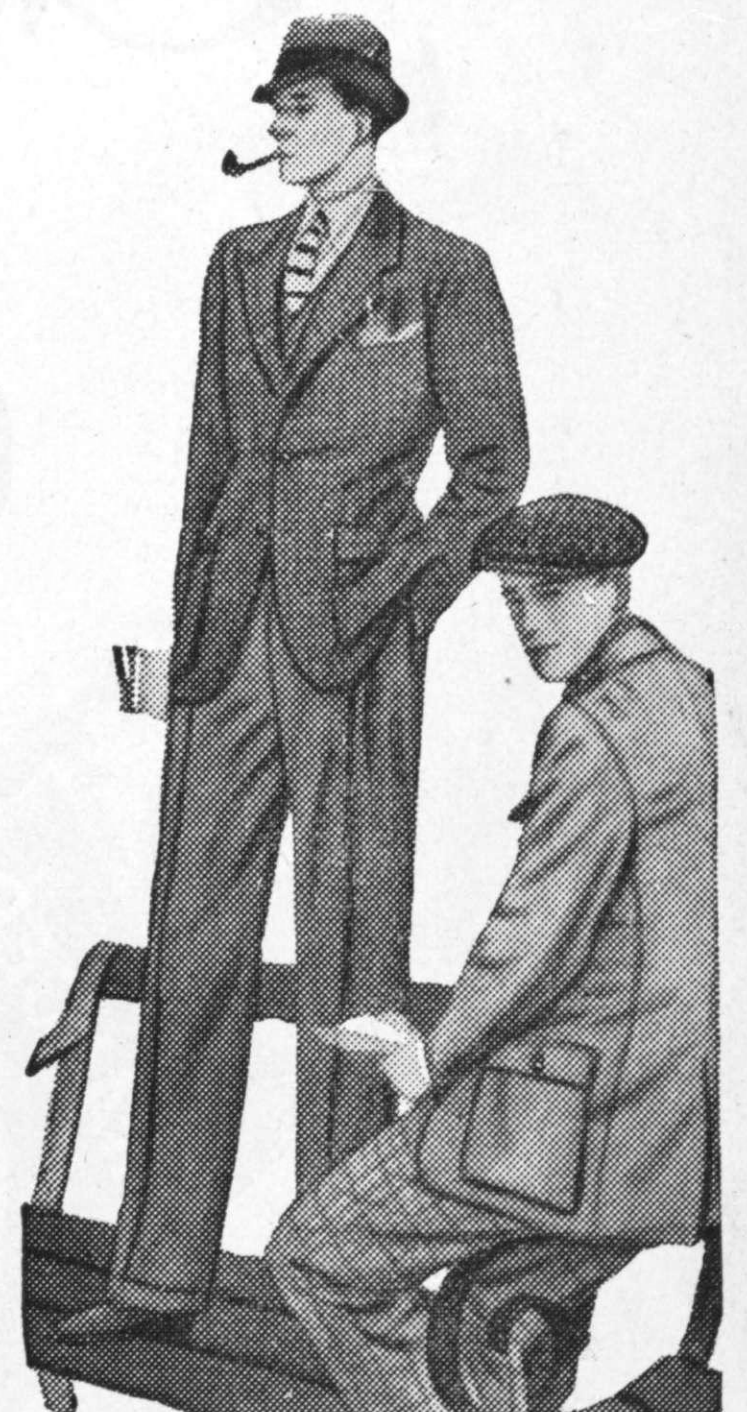
Styled by **Robert Surrey**  
Exclusive HART SCHAFFNER & MARX Stylist

### Who is Robert Surrey

Realizing that college men demand individual style in clothes, Hart Schaffner & Marx gave Robert Surrey a free hand.

An ardent student of style, he is among the first to express it. He is in to spot it, the most agile constant touch with style centers of Europe and covers all important style events from Newport to Del Monte. He is one stylist that young men of high fashion always count on for the newest things.

As exclusive Hart Schaffner & Marx distributors, we are privileged to present his offerings. If you like to lead the mode—not follow it—see Robert Surrey.



Illustrated is Robert Surrey's new Sanford model suit, featuring saddlebag pockets. It has that easy, informal smartness young men insist on in clothes today.

**ZACHRY**  
87 PEACHTREE



See JAMES CAGNEY in Warner Brothers Picture, "Here Comes the Navy"

"There's nothing tough about my throat..that's why I smoke Old Golds" says James Cagney



## The Dope Pot

WINNER	LOSER
Georgia Tech	U. of Michigan
Vanderbilt	Auburn
Tulane	Georgia
N. C. State	Florida
N. Carolinith	Kentucky
L. S. U.	Arkansas
Howard	Mississippi
Southwestern	Miss. State
Army	Sewanee
Notre Dame	Carnegie Tech
U. of S. C.	The Citadel
Texas	Centenary
Yale	Brown
Birmingham-Southern	Millsaps
College of Pacific	Fresno St.
Gonzaga	Puget Sound
Columbia	Navy
Rice	Creighton
Duke	Davidson
Duquesne	Haskell
Ohio State	Colgate
Dartmouth	U. of Va.
Davis Elkins	Salem
Drake	Grinnell
Furman	Mercer
Holy Cross	Harvard
Chicago	Indiana
St. Lawrence	Hobart
Penn. State	Lehigh
Michigan State	Manhattan
Oglethorpe	Rollins
Syracuse	Ohio Wesleyan
S. M. U.	Oklahoma
Princeton	W. and L.
Wisconsin	Purdue
U. of Penn.	Rutgers
Stanford	U. of San Francisco
T. C. U.	Texas A. & M.
U. Calif.	U. C. L. A.
V. P. I.	Maryland
Pittsburgh	Minnesota
Nebraska	Oklahoma
V. M. I.	Richmond
Santa Clara	Olympic Club
Wyoming	Utah Agg.
W. Va. Wesleyan	Xavier
Amherst	Rochester
Iowa	Iowa State
Redlands	Santa Barbara
Oregon	Idaho
Marquette	Centre
Mass. State	R. I. State
Ohio U.	Miami U.
Oregon State	U. Sou. Calif.
Bucknell	St. Thomas
S. D. State	U. N. D.
W. Va. U.	Temple
Tufts	Conn. State
St. Marys	Fordham
W. and M.	Georgetown
Geo. Washington	Tulsa
Kansas	Kansas State
N. Y. U.	Lafayette
F. and M.	Ursinus
Boston	Bates
Baylor	Simmons
Boston	W. Maryland
Bowdoin	Williams
Colorado	Brigham Young
Catholic U.	U. of Baltimore
Last Week	Won 55 Lost 12 Tied 0
Season	Won 125 Lost 30 Tied 3
Last week's big score:	Ft. Benning 132;
Albany C.C.C. 0.	

## Tau Epsilon Phi Holds Conclave in Atlanta

The Georgia Tech Chapter of Tau Epsilon Phi will act as hosts to the southern province of the Fraternity November 2 and 3.

Delegates from Charleston, S. C., Chapel Hill, N. C., Gainesville, Fla. and Athens, Ga., will join the Georgia Tech Chapter in a two day session of Business and entertainment.

The rounds of entertainment for the visitors will begin with an informal house dance at the Tau Epsilon Phi house at Tech. The delegates will be the guests of the local Chapter of the University of North Carolina-Georgia Tech Football Football Saturday. The entertainment as well as the conclave will be concluded at a Banquet and Dance at the Atlanta Athletic Club Saturday night. Members of the other fraternities being invited to the later. The principal speaker of the banquet will be Frank Constangy, head of the southern province of Tau Epsilon Phi.

## Phillips Recovered, Returns to Battle

(Continued from Page 4)

ball game and Fred made All-American Tackles.

During the summer of this year, Jack developed a bone-spur in his heel and no sooner was that remedied, than he received a bad knee injury just before the season opened. Because of this, he was forced to stay off the field and, consequently, he missed the Clemson game. It was for this reason that Jack was not able to show up to full advantage during the Vandy game. However, throughout the Duke game Jack was in there every minute and fighting all of the time He will probably show a good deal of im-

## Major Case Georgia Delegate at N. A. A.

Major A. Case, of the M. E. department, has been appointed as the delegate-at-large from Georgia to the annual National Aeronautic Association Meeting. This meeting, to be held November 11-13 at Washington D. C., will be a very important one for many aeronautic problems of both national and international importance will be discussed. Among those topics sure to be discussed are a new organization and membership of the body, aviation insurance, public aeronautical education, pleasure flying, and legislative expression.

Politics and internal bickerings have held the Association back in the last year with President Hiram Bingham of Conn. having much trouble in getting the necessary legislation passed. Cy Caldwell, known nationally in aeronautical circles, demands the removal of President Bingham, saying that Bingham is responsible for the lag in aeronautical legislation.

Major Case, a charter member of the Association, holds a responsible position in being a delegate to this meeting, and we hope he and his associates will legislate for the progress of aviation.

provement in the next game as he gets back into condition. This means something as Jack's leadership is an undeniably powerful asset to the Jackets.

As to Jack's seemingly miraculous recovery, we believe in giving credit where credit is due. When the nature and seriousness of Jack's injury first became known, he was pronounced out of the line-up for the season.

## A. I. C. E. Plans Year's Program

The Tech student chapter of A. I. Ch. E. held its first meeting of the year last Thursday afternoon, Oct. 11, in the chemistry Building. The officers for the coming year are: President, Bob Eley; Vice-President, Doug Bullard; Secretary and Treasurer, Charles Lokey, and Faculty Advisor, Prof. Bunker. It was decided to have the meetings every Wednesday afternoon at four o'clock in the Chemistry Building.

The chapter plans to have programs on various subjects pertaining to chemistry and chemical engineering. These programs are to consist of speeches by faculty members and by outside business and scientific men of Atlanta as well as talks and reports by the members. In addition there are proposed plans for various trips by the members to points of

chemical interest in Atlanta.

It is urged that every student of Chemistry and Chemical Engineering be present at the next meeting, since the work of the society will prove to be most beneficial to all who attend.

## TUXEDOS FOR RENT COMPLETE

Our Fall and Winter Fabrics have been selected by Experts. Each garment is thoroughly examined by expert tailors before delivered.

A Visit Will Convince You  
RAIN COATS MADE TO MEASURE  
WE DO REMODELING

Our Representative at Tech

MIKE WASSERMAN, T E P

**SOUTHERN TAILORS**

9 Auburn Avenue

## THE NEW FALL SHOES

at

**\$4.00**

shown here are worthy of your consideration—

Made of solid leather and styled for College

**MEN**

—Brown or Black—

**THE TECH SHOP, INC.**

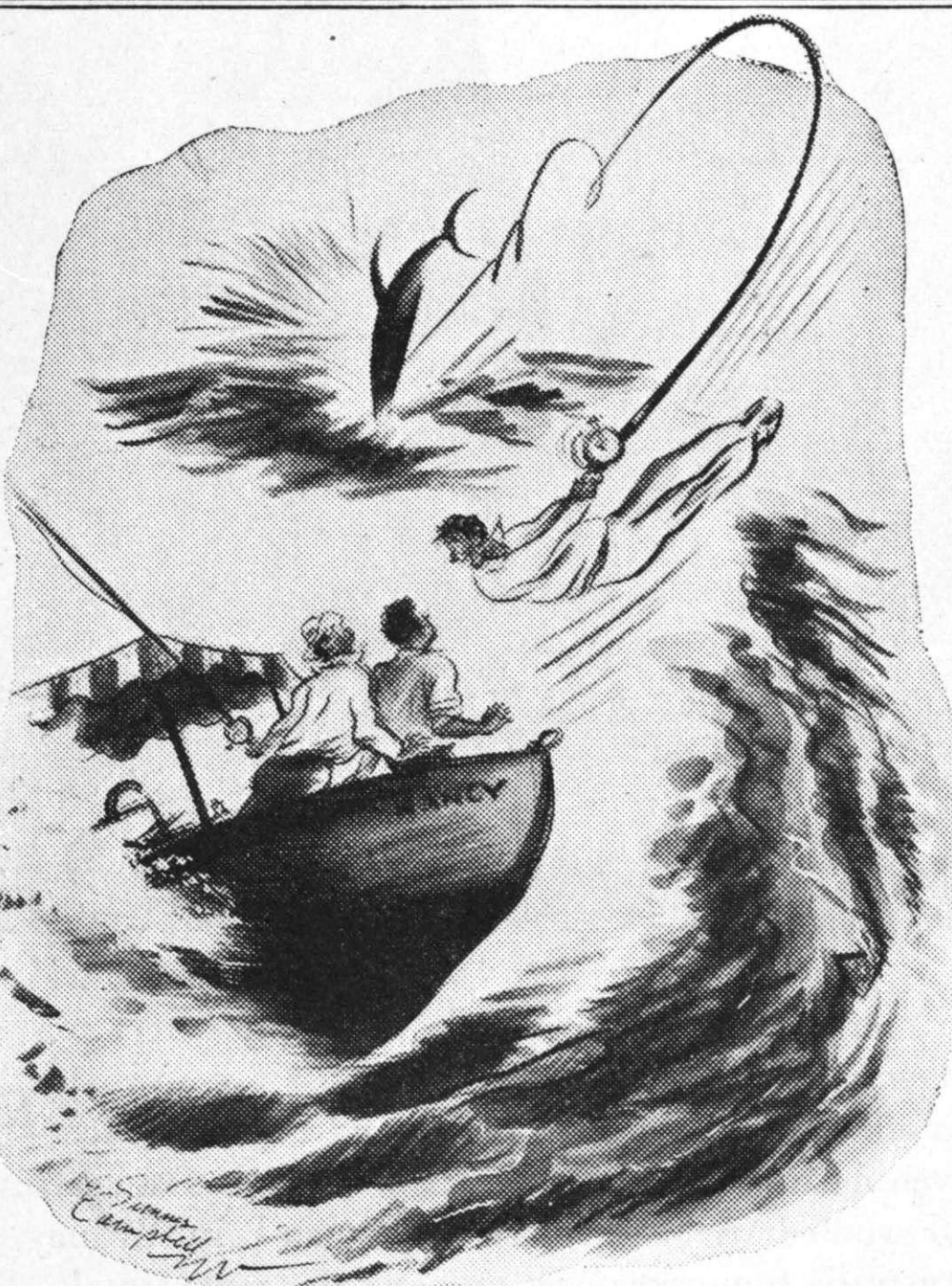
49 North Ave., N. W.

Every Size, Every Sleeve Length, Every Style  
of the New Arrow Shirts

are for sale at

**PARKS-CHAMBERS, Inc.**

37-39 Peachtree



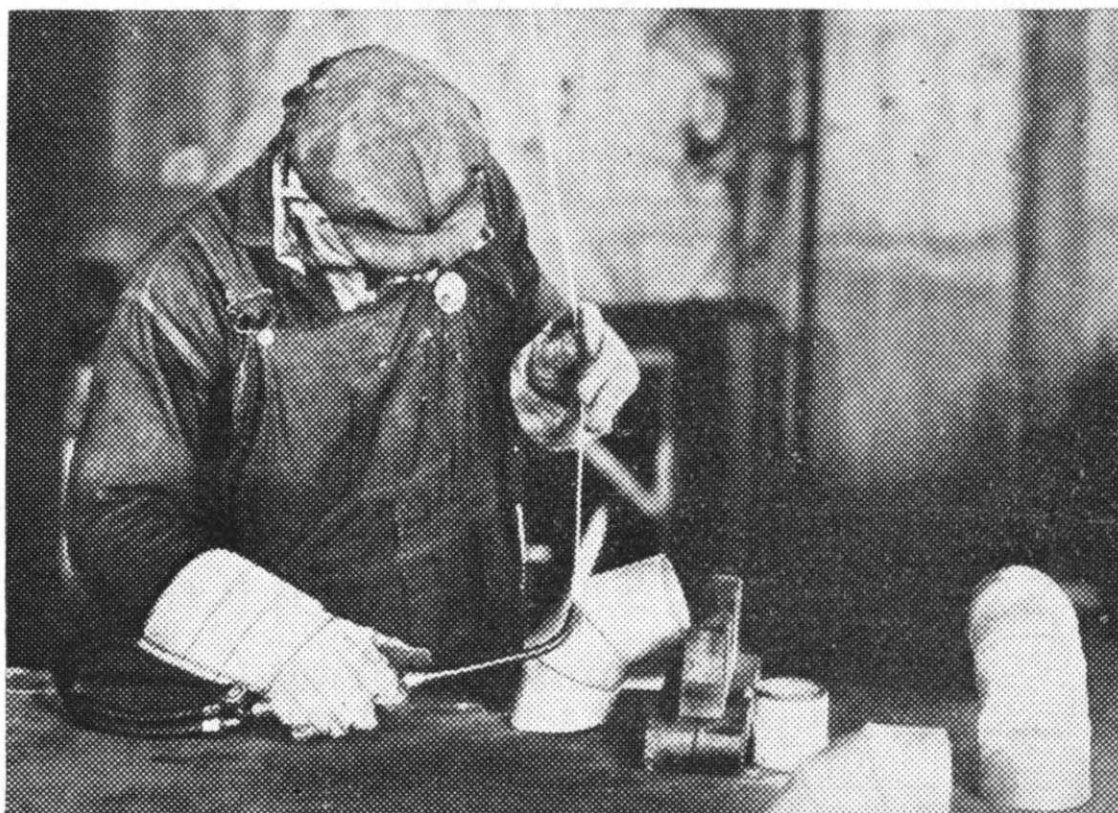
"Don't worry, fellows, this shirt  
won't shrink."

As streamlined as a tarpon — the Arrow Mitoga shirt is scientifically tailored to conform to the contour of your body. Large roomy shoulders, narrow waist and tapered sleeves—no bunching or bulging anywhere. If you like something just a bit different, you'll favor the full-fashioned MITOGA. \$2 and up

**ARROW SHIRTS**

SANFORIZED SHRUNK

CLUETT, PEABODY & CO., INC., TROY, N. Y.



FEATHERWEIGHT PIPING—made by welding aluminum tubing. These fittings are to be used in a chemical plant.

## If Your Product Must Weigh Less

Oxy-Acetylene welding will eliminate heavy joints and give throughout—greater sturdiness with less weight and bulk.

By F. J. KING\*

The trend in modern product design has been toward lightening weight. Manufacturers wishing to make their metal products lighter are building them of light weight alloys and metals with welded joints. Products so fabricated utilize the superior features of welded joints to attain lightness with strength, ruggedness, and attractive appearance.

### Welding Is Strong

Lightness is gained in welding because each joint is a smooth union of two metal parts into one. No lapping or flanging is needed for making the joint. Corners are not bulky or cumbersome. Invisible seams give a smooth surface for painting and enameling. And in strength the joint is 100 per cent efficient—as strong as the metal it joins.



BAFFLING CORROSION—resistance to the action of salt water can be effected with special alloy metals. Welding is used to give light weight joints in all commercial metals and alloys.

### In Modern Automobiles

In automobiles, for instance, lightness has been attained by designing many motor and body parts for welding. The resulting light weight car has less tire wear, less gas consumption, fewer repairs. Its welded seams have smooth contours and streamlines, offering less wind resistance and providing an even surface for fine finishes.

### On the Airways

Safe, speedy flying was next to impossible until the aircraft industry adopted the welded joint for airplane fuselage construction. With other means of joining it would hardly be possible to carry a profitable pay-load. Welded light alloy fuel tanks for aircraft are safer, lighter, stronger and more compact.

In the chemical and food industries, also, welding contributes to lighter weight. Light alloy piping and containers can be used—welded to give a smooth, even surface inside and out. Welding leaves no rough spots for corrosion or germs to attack.

### Saves Tons of Weight

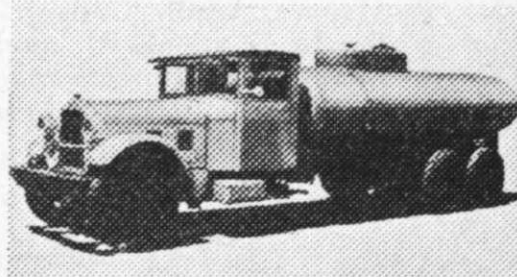
A prominent example of weight saving is in the use of welded piping on the new treaty cruisers.

Reduction in tonnage through the use of welded piping made it possible to mount an additional 8-in. gun and still conform to treaty weight limits.

These many cases drawn from actual experience show the advantages of building products from light weight metals and alloys by welding. Welded joints are most efficient and economical for modern metals and designs.

### For The Future

Industrial executives interested in making their products lighter can obtain further data on the use of welding in their own operations through The Linde Air Products Company. This company, in addition to utilizing the facilities of Union Carbide and Carbon Research Laboratories, Inc., has had wide experience drawn from over 20 years in pioneering and developing oxy-acetylene applications. Advice and assistance to manufacturers on how best to use oxywelding and cutting for their needs is available without charge through sales offices of The Linde Air Products Company located in Atlanta, Baltimore, Birmingham, Boston, Buffalo, Butte, Chicago, Cleveland, Dallas, Denver, Detroit, El Paso, Houston, Indianapolis, Kansas City, Los Angeles, Memphis, Milwaukee, Minneapolis, New Orleans, New York, Philadelphia, Phoenix, Pittsburgh, Portland, Ore., St. Louis, Salt Lake City, San Francisco, Seattle, Spokane and Tulsa. Everything for oxy-acetylene welding and cutting—including Linde Oxygen, Prest-O-Lite Acetylene, Union Carbide and Oxyweld Apparatus and Supplies—is available from Linde through 126 producing plants and 859 warehouse stocks.



BIGGER PAY-LOADS—are possible when welded aluminum truck bodies and chassis are used. By welding the body the useful load of a 10-ton truck is increased on the average 1500 lb.

\*Chief Engineer, The Linde Air Products Company, Unit of Union Carbide and Carbon Corporation.  
—This being a Business-News Advertisement.



## Statistics Show Brilliant Future For Engineering Students

Many prospective engineers have entered Tech, passed their grades, and graduated with a Bachelor of Science degree in engineering without knowing just what they could expect as a monetary reward for their time, labor, and investment. At last, however, a government survey of the present status of the engineers in the United States has given the engineering student at least an approximate view of his future.

It has been noted, no doubt, that the basic work in all engineering courses is, almost without exception, the same. Many of the high authorities in various engineering fraternities and schools advocate the delaying of specializing in engineering until the student has been thoroughly grounded in basic work.

Candidates for engineering should possess and develop the following qualities according to the opinion of the engineering Foundation:

1. Mental ability and alertness of high order.

2. Interest in the kind of things an engineer does and has to do.

3. A high sense of social responsibility, inflexible integrity, and unswerving devotion to truth.

4. A foundation of knowledge acquired in secondary school and in college, upon which he will build by experience.

5. As liberal a culture as his capacities and his opportunities will permit.

The facts that a boy has been consistently in the upper third of his classes in school and that he has made a high standing in mathematics and science courses, such as chemistry and physics, indicate clearly that he has the type of mind essential to engineering work.

The survey shows that the average earnings of young engineers in the various branches of engineering are

very much the same. The young assistant on his first job will probably earn a salary of \$1,500 to \$1,800 a year. These figures may run much lower for those who have had no experience at all, and sometimes they may go as high as \$2,000. The men who are able to take advanced work after completing the regular four-year course are usually started with a little higher salary.

The initial salary of the young master of science, who has had two years of postgraduate work, ranges between \$2,000 and \$2,200, while that of doctors of philosophy in engineering, for whom there is a special demand in chemical and in metallurgical engineering, ranges from \$2,400 to \$3,000 a year, depending upon their abilities in research work. Five years after graduation the salary range is \$2,500 to \$3,750. Ten years in practice, \$3,000 to \$5,500; fifteen years, \$3,725 to \$7,000; twenty years, \$4,000 to \$9,000; twenty-five years, \$4,500 to \$11,250; thirty years, \$4,500 to \$14,000.

Notice that the bottom figure moves only slightly from the salary that a young graduate receives and ranges only between \$1,800 and \$5,000. This salary range represents the mediocre men. Now notice that the top figure rises very swiftly. It represented the average peak of engineering ability. An average middle range would run from the initial salary to about \$7,000. Usually a young engineer begins to recognize his level at the end of about five years.

In a recent study of 1,643 civil engineers the United States Govern-

ment reports the average salary to be \$4,116. Depending upon the number of years out of college, the average annual salaries were found to be: 28 men out one year, \$1,973; 459 men out two years, \$2,360; 362 men out five years, \$3,175; 207 men out ten years, \$4,151; 246 men out 15 years, \$5,526; 148 men out 20 years, \$6,226; 95 men out 25 years, \$6,797; 98 men out 30 years, \$7,028. Twelve per cent of the total studied made salaries of \$5,000 to \$7,500 while 7 per cent made larger salaries.

Professor A. H. White tabulated the occupations and earnings of 1,112 chemical engineers who received their degrees between 1920 and 1930, and calculated the average salary for each of the classes: Teaching, analytical laboratory, research laboratory, semi-plant development, plant operation, general engineering, and sales.

He found that teaching and analytical laboratory are always the lowest paid, and that sales, after a number of years, seem to be the highest paid. However, by taking all classes together he found the average to be for men one year out, \$1,800; two years out, \$1,900; three years out, \$2,200; four years out, \$2,400; five years out, \$2,700; six years out, \$3,000; seven years out, \$3,300; eight years out, \$3,600; nine years out, \$3,900; and ten years out, \$4,100.

The wide spread between the salaries of teachers and analytical laboratory workers and sales engineers may be seen from the fact that the average salaries for men one year out were \$1,500 for teachers, \$1,600 for analytical laboratory workers, and \$1,800 for other classes, but for men ten years out they were \$3,200 for teachers, \$3,000 for analytical labora-

(Continued on Page 7)

## Tarheels Defeat Bulldogs, 14-0

(Continued from Page 4)

kicking for his team and he performed his duties excellently on Saturday. Jackson was directly responsible for the scoring of the first of Carolina's touchdowns. He threw a beautiful 35 yard pass to Shaffer, and that worthy gentleman carried the ball the remaining 10 yards for the score. The other counter came when the left side of the big, blue line completely and effectively wiped out the right side of the Georgia line to open the way to a 27 yard gain by Mr. Shaffer. This play was stopped on the Bulldogs' 7 yard stripe when McKnight came from behind to pull the speeding Tarheel to earth. From there, the ball was taken over in two plays, the elusive Shaffer again carrying the ball.

Georgia showed very little of the things predicted for them. Cy Grant was injured early in the game and had to leave the field. However, his substitute was Glenn Johnson of Savannah, and undoubtedly one of the fastest men in the South. This boy is going to be exceedingly tough for the Bulldogs' foes to handle. Possibly the most under-rated of the Georgians is Jack Griffith, the quarterback. He seemed to be the best blocker on the squad, and he made few mistakes in calling the plays.

If the Georgia game was a fair indication of the power of the North Carolina team, her future opponents will do well to take the Carolina game seriously. Georgia may have just had a bad day, but if not, they are in for several more defeats this season.

## Press Delegates Return From Chicago Trip

(Continued from Page 1)

at the St. Claire Hotel Friday night. The evening was finished with a football game between De Paul and Dayton Universities at the Loyola Stadium, and a dance at the Medinah Michigan Avenue Club.

The final sessions of the convention were held Saturday morning with round-table discussions. The closing joint meeting passed a resolution to attempt to bring about a joining of the National Collegiate Press Association and the Associated Collegiate Press to function as one body.

Saturday afternoon the entire delegations were guests of the convention at the World's Fair.

De Paul University acting as host to the convention was very successful in promoting a very entertaining as well as smoothly functioning convention. Many things of benefit were derived as may be seen from some of the topics discussed in the roundtable meetings. Among these were "Organization and selection of staff members," "News Coverage," "Typography and Makeup," "What students read in college newspapers," "Laying out advertising," "Advertising Rates," "Ways of reducing expenses," "Cooperation between editorial and business staffs," and "Remuneration to staff members."

In addition to the increased knowledge of collegiate journalism received by the delegates, they also came back with stories of a wonderful time socially. Dinners at the College Inn of the Hotel Sherman where they heard George Olsen and Ethel Shutta was followed by an evening of dance at the Trianon with Jan Garber

### THE STADIUM

WHERE THE CROWD MEETS TO GET  
GOOD SANDWICHES AND DOGS  
ACROSS FROM GRANT FIELD

### RADIO SUPPLIES

Complete Stock Parts  
**GARVIN ELECTRIC COMPANY**  
75 Forsyth St., N. W. WA. 2290

### DON'T MISS Formal Affairs By Not Having

### TUXEDO

WE CARRY FULL STOCK  
of (TUXEDOS) for rental  
COMPLETE OUTFITS

**WARNER'S MEN'S SHOP**

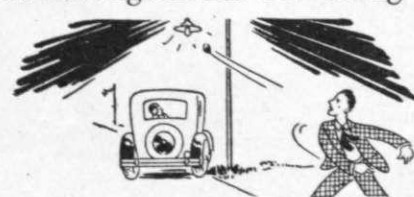
Successors Jerome Tailoring Co.  
38 MARIETTA ST.—WA-5566

## G-E Campus News



### HURRY! HURRY!

A flood had crippled three important electric motors in the refinery of a large oil company on the island of Aruba, 50 miles north of the coast of Venezuela. The plant had to be shut down until new coils could be installed. Losses caused by the shutdown ran into thousands of dollars a day. An order for the coils and word of the refinery's predicament reached General Electric in Schenectady, N. Y., on a Sunday morning. Work began immediately, and by dint of night shifts and a great concentration of efforts, the two-and-one-half-week job was completed in three days. The 808-pound shipment of coils, conveniently packed in small cartons, was flown in a chartered plane from Schenectady to the Newark airport, where it was transferred to an Eastern Air Lines plane bound for Miami. On Wednesday morning the cartons were transferred to a Pan-American Airways ship at Miami for the hop across the Caribbean to Kingston, Jamaica. From there, they were flown directly to Aruba in a specially chartered plane. They arrived Saturday morning, just six days after the order had been received by General Electric. J. A. H. Torrey, Union College, '11, and G. H. Magner, Acadia College, Nova Scotia, '09, of the International General Electric Company, Inc., made arrangements for filling the order.



### STONE-THROWING ROMEOS

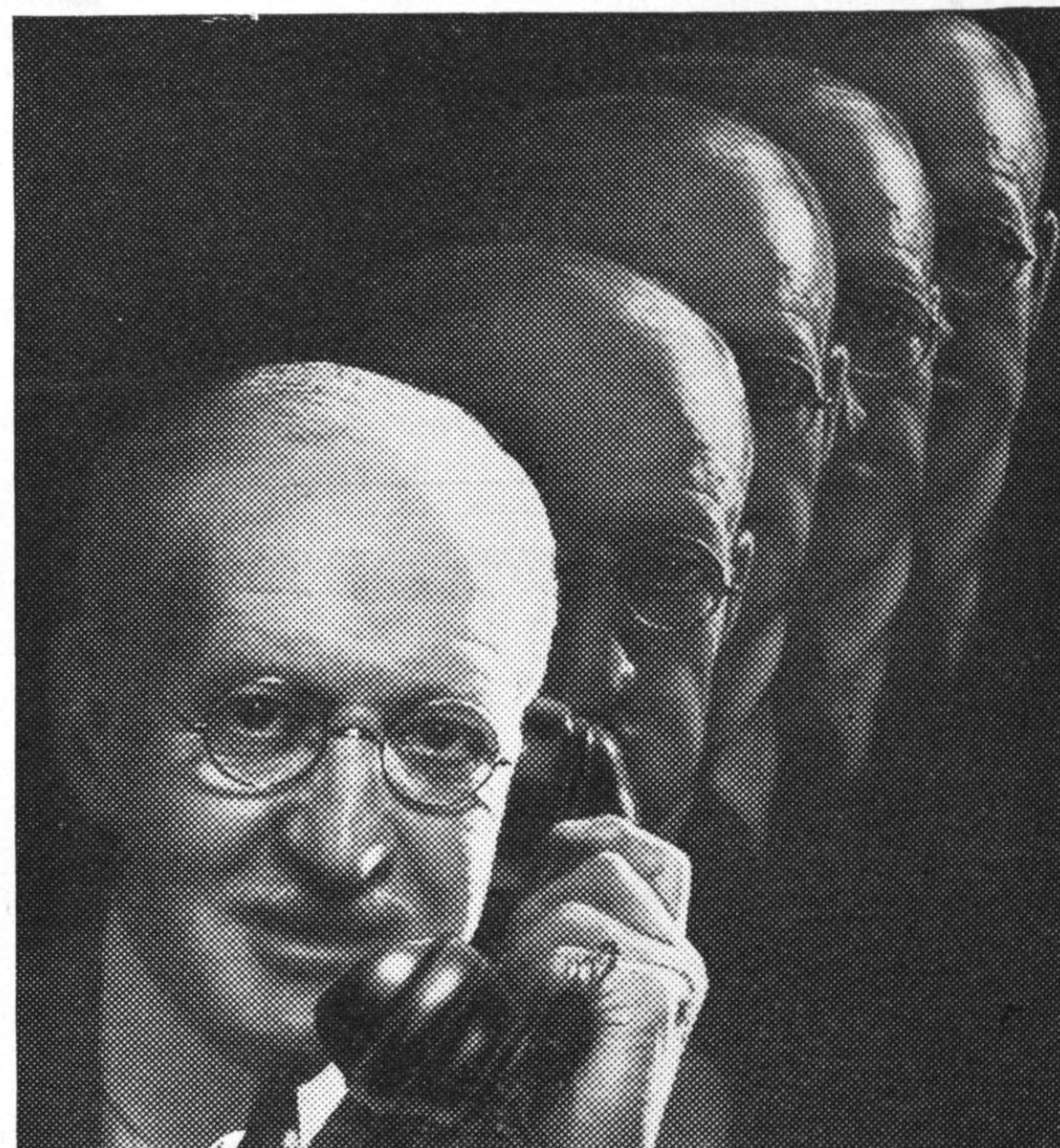
The engineers of the General Electric Company have been asked to solve some unusual problems, but never before have they had to work against Cupid. This is how it came about: Some of the swains who did their courting in parked cars along certain lighted roads in

New England found that the lamps crimped their style. With simple but destructive logic they decided to extinguish the lamps with stones. Their aim was so good that repairmen of the utility which serviced the lights could hardly keep up with their depredations. Finally, G-E illuminating engineers were called in to design a fixture to foil the stone-throwing Romeos. These engineers produced a cast-aluminum guard, which looks very much like a baseball catcher's mask. It protects the lamp and at the same time helps to concentrate light on the roadway.



### FAT SPARKS

The artificial lightning boys have beaten natural lightning in one regard, at any rate. Engineers in the General Electric high-voltage laboratory have produced discharges of a quarter of a million amperes, which is greater than the current of any direct lightning stroke yet recorded. Just as natural lightning, with amperage almost as great, destroys that which it strikes, so does the laboratory discharge; and just as natural lightning is accompanied by thunder, the laboratory bolts have their ear-splitting crashes. A copper wire a tenth of an inch in diameter is completely vaporized. A similar piece of iron wire is "exploded," the remaining ends continuing white hot for several seconds. A section of reinforced concrete is broken into bits. The handle of a silver-plated ice cream spoon vanishes with a shower of sparks. These engineers were the first to produce 10,000,000-volt artificial lightning discharges, and they are continuing their studies through these high-current discharges, in order to find better means of protecting electric distribution systems. K. B. McEachron, Ohio Northern, '13, Purdue, '20, M.S., is director of the laboratory, and associated with him in these tests are: W. L. Lloyd, Rensselaer Polytechnic Institute, '18; J. L. Thomason, U. of Idaho, '29; G. D. Harding, U. of Arizona, '29; and J. R. Sutherland, Yale, '29.



## Adventure in the 4<sup>TH</sup> DIMENSION

You speak into the telephone. Your voice, your personality, part of you is projected far and wide. In effect you are in two places and times at once—evening in New York, afternoon in San Francisco. Or you're in Washington today and in Sydney, Australia tomorrow—at one and the same time!

The telephone's power to put a person where he wants to be—at the psychological moment—proves tremendously valuable.

In domestic and foreign business, in national and international affairs, in friendly social contacts, it permits a quick interchange of ideas and immediate understanding.

Why not drop in at home tonight — by telephone? For a lot of pleasure at bargain rates, call by number after 8:30 P. M.

**GENERAL ELECTRIC**

**BELL TELEPHONE SYSTEM**



## Devils Avenge '33's Bitter Defeat

(Continued from Page 4)

goal line to Shorty Roberts, on Tech's 10 yard line. It was a beautiful kick which sailed some sixty yards through the air and rolled down the field to Roberts. The game ended a few plays later with the ball on Tech's 5 yard stripe. Thus the Duke team avenged themselves for their defeat. The crowd at the game was the largest ever at Duke's Stadium. Our Jackets were completely outplayed and the better team of the day won, but Tech never had an early season team, so you will still see a winning team carrying the White and Gold.

... Not very long ago, students at Temple raised a howl to get student representation on the athletic council, but imagine their consternation when they found that they had the privilege all along, but for the past two years the student council forgot to elect members to that job.

## Pi Delta Epsilon Fashion Show Plans

(Continued from Page 1)

In moving the date from Spring until Fall, the merchants are given a larger scope for their displays, and at the same time, the students are given an opportunity to see what is best in what the well dressed young man will wear this season. Only reliable merchants are selected to enter displays in the show this year, and the new men at Tech can bank on their integrity, as the old men have learned no doubt in the years they have been at Tech.

## Yellow Jacket Club Outlines Plans

(Continued from Page 1)

have been held so far this year, and it is the intention of the club to hold feature events at their coming pep meetings. The club wishes to have the

## Navy Day Planned on Tech Campus

(Continued from Page 1)

shown, offering close-ups on emergency drills and battle practice, in addition to other Naval subjects.

The families and friends of Naval R. O. T. C. students, the faculty, and the student body at large is cordially invited to attend the celebration.

Although Navy Day is officially celebrated on October 27, the celebration at Tech will continue from Thursday morning through Saturday. A broadcast over WGST is scheduled for Friday afternoon from 5:15 to 5:45, at which time Dr. Brittain and Commander Bowman will address the radio audience. The Tech band will also offer several selections during the program.

cooperations of all the students, especially those of the freshman class, in order to perform greater things at Tech.

"Here it is  
**MONDAY...**



...and I still  
got a  
**DOLLAR"**

You, too, can sing the weekly song of a dollar saved... may be more. How? Send your laundry home. At no extra charge, we'll pick it up any time, take it home, and bring it back on time. If you are depression-conscious, you may even send it "collect".

Make a point of suggesting to the folks that they send the laundry back by Railway Ex-

press and insure swift and safe delivery.

You can count on the dependability of Railway Express for shipping anything—anywhere. We give a receipt on pick-up and take a receipt on delivery, double proof of prompt and careful handling. Insurance included up to \$50.

For service or information merely call or telephone

91 LUCKIE ST., N. W.—MAIN 3471  
ATLANTA, GA.

The best there is in transportation

SERVING THE NATION FOR 95 YEARS

**RAILWAY  
EXPRESS**

AGENCY, Inc.

NATION-WIDE SERVICE

"CLEOPATRA"

With

Claudette Colbert

OWL NITE

11:30 p.m. Every Saturday

**Paramount**  
THEATRE

Lucas and Jenkins

**FOX**

The Show Place of the South

• NOW PLAYING •

"Mrs. WIGGS

of the Cabbage Patch

Pauline Lord - W. C. Fields

Zasu Pitts - Evelyn Venable

KENT TAYLOR

POPEYE

... Added ...

Fox News

Selected Short

**CAPITOL**

(Atlanta's Only Vodvil)

LAST TWO DAYS

—STAGE—

"SCANDALS" with 8 Acts

of Vodvil and

GIRLS! GIRLS! GIRLS!

—SCREEN—

"Return of the Terror"

... With ...

Mary Astor - John Holliday

Lyle Talbot - Frank McHugh



Copyright, 1934, The  
American Tobacco Company

*Luckies*  *They Taste Better*

Luckies are round, Luckies are firm, Luckies are fully packed with only the clean center leaves—these are the mildest leaves—they cost more—they taste better.

"It's toasted"

✓ Your throat protection—against irritation—against cough



## Tech "Y" to Present Motion Pictures

(Continued from Page 1)

"His Master's Voice"—three reels, a history of transmission of music to radio and sound movies of today, how sound film looks and acts will also be shown.

Plans are being made also to show the picture "Arrangement of Atoms and Molecules", which is a four reel technical discourse by Sir William Bragg on crystal structures, Einstein's "Theory of Relativity"—two reels, which is a popular explanation of the elementary theory of Einstein's law, showing the relativity of motion, direction, size, speed, time and measurements; "Behind the Scenes in the Machine Age"—three reels, showing the technological changes affecting women workers, and the prevention of human waste in industry.

Other subjects to be shown: "A trip from New York to San Francisco;" aboard the new all-electric liner "Virginia," showing features of equipment; "Glass Magic"—steps in the manufacture of ophthalmic lens; "The Frog"—one reel, showing life and characteristics of the frog, stages of development from egg to maturity; "Killing the Killer"—one reel, mongoose killing the cobra; "From Egg to Butterfly," with lecture by Dr. Ditmars; "Tiny Water Animals," life processes of amoebae and paramecia; "Beach and Sea Animals," invertebrate ani-

mals—star fish, sea urchins, octopus, crabs, snails, sea cucumbers; "Mystery of Life"—seven reels, Clarence Darrow's review of the animal kingdom from simplest to highest forms.

In the field of literature, drama and biography, many of the classics are available. Among which can be shown are: "Ben Hur;" "As You Like It;" "The Courtship of Miles Standish;" "David Copperfield;" "The Deer Slayer;" "Enoch Arden;" "King Leah;" "The Lady of the Lake;" "MacBeth;" "Merchant of Venice;" "Midsummer Night's Dream;" "Oliver Twist;" "Othello;" "Rip Van Winkle;" "Robinson Crusoe;" "Romeo and Juliet."

Tickets will be placed on sale at the desk in the Y. M. C. A. at an early date. The first series will include fifteen shows. The cost of tickets for the series to Tech students is \$1.00, or less than 7c per show. Single admission for Tech students will be 10c. Those not connected with Tech can purchase these tickets for \$2.00 each, provided all the seats are not sold to Tech students. The auditorium will accommodate about three hundred and thirty-five.

## Cut System Explained to Freshmen

(Continued from Page 1)

days of announced quizzes; (3) absences from ROTC duties; or (4) tardies. 2. A student's name will be removed from the Honor List (a) if, at the end of a semester (or quarter) the student fails to maintain the standard of scholarship; or (b) if, at the end of any report period the student incurs a deficiency in any subject. 3. A student's name may be removed from the Honor List during a period in the following case: if, a "privileged" student is failing in his work in any department, the instructor of the student will make a special report of the case to the Dean. After investigation, the Dean may remove the student's name from the Honor List.

III. 1. Regulations governing extended absences because of illness will remain unchanged. 2. The existing procedure of reporting and recording absences will remain unchanged. Absences of "privileged" students will be reported and recorded. 3. The Honor List will not include the names of any first year students.

See it in

Esquire



And then see it in

## DAVISON'S MEN'S SHOP

Flip through the pages of your October Esquire and what do you see—Oxblood Shirts, Brown Hats with Black Bands, Tattersall Vests. Stroll through Davison's Men's Shop and what do you see? The same, gentlemen, the same. Our Men's Shop sees eye to eye with Esquire and is out to prove that not all the engineers have hairy ears; that the men who tote the T-Square and the brief case don't have to wear shiny serge suits and battered toppers. Let us take you in hand and we promise to make you the eye-knocker-outer of the campus!



DAVISON-PAXON CO.  
ATLANTA...affiliated with MACY'S, New York

LOEW'S  
GRAND

—Now—

HELEN HAYES

in M. G. M.'s

"What Every  
Woman Knows"  
By Sir James M. Barrie

College Men everywhere are wearing  
**TOWER'S**  
Fish Brand SLICKERS  
in Wet Weather!



STYLISH and moderately priced, they keep you dry, warm, and comfortable at all times. Good wide pockets. . . . and they wear like iron! Accept only TOWER'S Fish Brand.



Look for this  
Famous Label—

All Good Dealers  
Carry "Fish Brand"

A. J. TOWER CO.

BOSTON, MASS.

# Fair enough—

FROM time to time we tell you facts about Chesterfield Cigarettes.

We say that Chesterfields are different from other cigarettes—that the tobaccos are different, the paper is different, and the way they are made is different.

Everything that modern Science knows

about or that money can buy is used in making Chesterfield a milder, better-tasting cigarette—a cigarette that Satisfies.

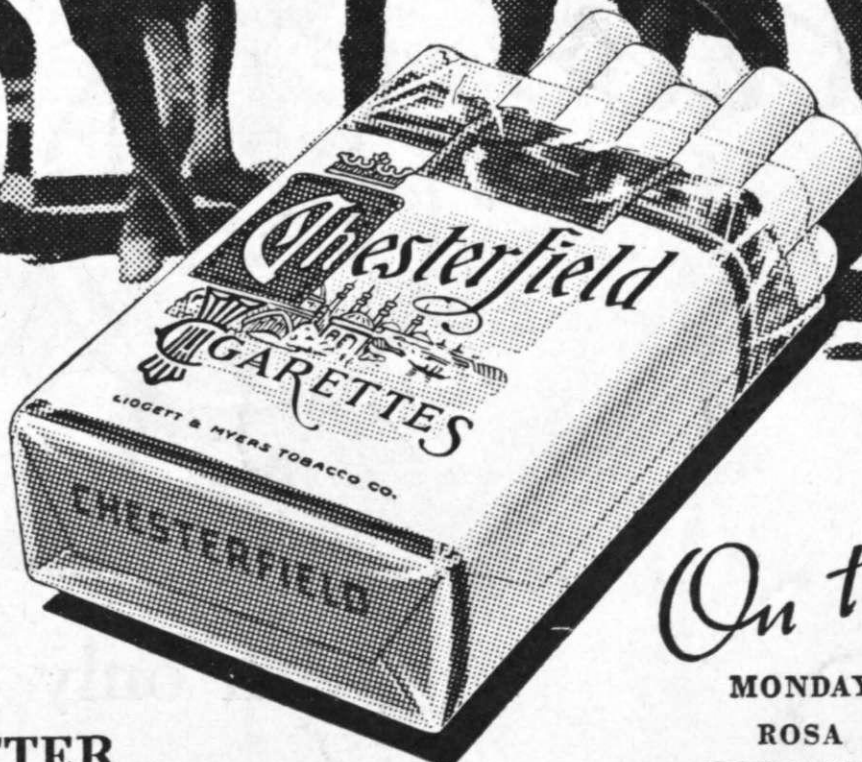
You can prove what we tell you about Chesterfield.

May we ask you to try them—that would seem to be fair enough.



Strictly on their merits

the cigarette that's Milder  
the cigarette that TASTES BETTER



On the air—

MONDAY	WEDNESDAY	SATURDAY
ROSA	NINO	GRETE
PONSELLE	MARTINI	STUECKGOLD
KOSTELANETZ ORCHESTRA AND CHORUS		
8 P. M. (C. S. T.)—COLUMBIA NETWORK		