

# TECH NEWS



Volume XLII

Worcester Polytechnic Institute, Worcester, Massachusetts, Tuesday, October 28, 1947

Number 2

## SEVENTH ANNUAL ALUMNI HOMECOMING IS SUCCESS

**Renewal of Acquaintances, Luncheon, Football, Soccer, Tea Dance, Buffet Suppers, and Evening Dance Highlight Weekend**

Saturday, October 25, saw the first post-war home-coming day, which was also the seventh since the inception of this tradition in 1936. The first and also the majority of the renewals of "auld acquaintance" took place during the registration period, 9:00 to 11:45 A. M. in the Higgins Laboratories. Those friends and former classmates not encountered during the registration were inevitably met in the wanderings about the campus.

A hearty and satisfying luncheon at 12:00 in the gymnasium served as a good start for a big afternoon. President Cluverius extended a warm and personal greeting to all of those present. From this point on there was absolutely no opportunity for any decline in interest.

Following the luncheon, the guests had just enough time to settle themselves comfortably about the Class of '93 field to watch the Tech booters oppose Brown in a well played soccer game. Professor Higginbottom was liberally congratulated by former students for his work with the soccer team. At 2:00 P. M. W. P. I. opposed Rensselaer in a hard fought, exciting football game, which proved to be the climax of the afternoon's entertainment. Between the halves of the game the freshmen-sophomore paddle-rush took place. As was the case with this homecoming day itself, it was the first paddle-rush since the war's end. The band, impressively attired in new uniforms, provided music at its best. Another

milestone in Tech history was marked by the presence of girl cheer leaders. Many a lonely freshman eagerly hoped that it would mark the start of a general trend.

After the game, the alumni and families gathered in the Sanford Riley Hall commons for a snack and a bit of dancing. Among other popular and personal topics, the sports events of the afternoon were discussed, with former participants glancing wistfully at expanding waistlines. Following this informal social, another phase of Tech life, the fraternities, captured the spotlight with a general open house and buffet supper featured at the various fraternity houses. This open house session provided the first real opportunity for alumni to mix with the undergraduates. At 8:30 P. M. there was once again a general migration to the Sanford Riley commons where a dorm dance featured the unmatched musical arrangements of the Boyntonians. The Boyntonians, led by Bill Wagner, were in rare form, and the dance, which constituted the mainstay of the evening's entertainment, was a complete success. As the witching hour drew near, the sweet sorrow which is parting became a sad reality for most of the alumni. The majority of the students headed for the house parties which were being held by the various fraternities. Thus, the first post-war home-coming was a howling success, and those who partook of the abundant entertain-

(Continued on Page 6, Col. 1)

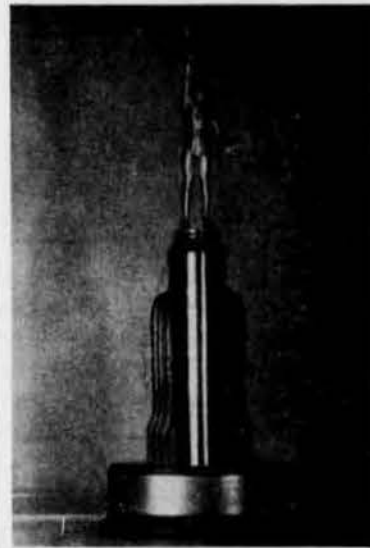
## TKP Awarded President's Trophy

**AEP and TKP Divide Scholarship Prize PGD Also Wins**

Wednesday, October 15 was assembly day, and also a big day for the fraternities — the President's Trophy was awarded, various honors were bestowed, and cash awards were made.

Professor Scheiley had the pleasure of reading the relative standings and making the presentations. Theta Kappa Phi, Alpha Epsilon Pi, Gamma Delta had walked off with the trophy, honors, and cash.

Once again Theta Kappa Phi won the President's Trophy for general



**GENERAL EXCELLENCE TROPHY** excellence. This was awarded for the academic year of November, 1946 through June, 1947. They will keep the trophy for the next school year.

This general excellence prize was started in 1938, but, like many other things, was dropped with the war and the resulting confusion in the academic setup. Competition was revived after the war, with the trophy going to Theta Kappa Phi, Phi Sigma Kappa and Theta Kappa Phi have been the only fraternities to win this award. The final selection is made on the basis of totaling the scholastic and activities standings.

Scholarship produced a very close competition this year what with Alpha Epsilon Phi and Theta Kappa Phi being separated by four one-hundredths of a point. With the standings this close, the first prize of one hundred and the second prize of seventy-five dollars were divided evenly among the two houses. The scholarship standings were as follows: AEP 75.44, TKP 75.40, LCA 74.40, TC 74.31, PSK 73.91, SPE 73.66, ATO 73.50, PGD 73.37, and SAE 71.67

(Continued on Page 6, Col. 2)

## Class of '51 Sweeps Events In Goat's Head Competition

**Rev. Kenneth Bath, And H. G. Stoddard Speak in Alden**

**Subjects Are History of Worcester and "Bias Toward Best in Us"**

During the past two weeks, a relatively small portion of the Tech student body has been treated to a pair of very fine assemblies. At the first of these, Mr. Harry G. Stoddard, president of Wyman-Gordon Company of Worcester, presented a most informative lecture

Mr. Stoddard opened with the remark that perhaps the reward for sitting indoors on such a beautiful day should have been that the assembly be postponed until a rainy day. Such was not the case, for those in attendance were amply rewarded by listening attentively. In his discussion, Mr. Stoddard pointed out that, "Worcester is replete with evidences of the broad interests of its citizens." He proceeded to prove his point by tracing the growth of its industries, with several interesting digressions on the beginnings of such companies as the Norton Company and the Heald

(Continued on Page 3, Col. 3)

## Tech's Carnival Plans Near Completion

Plans are now being made to hold the 32nd Annual Tech Carnival Saturday, November 22, at 8 P.M., in the Alden Memorial Auditorium.

The Carnival is sponsored annually by the Student Christian Association to provide funds for the operation of the SCA throughout the school year. This year the SCA has planned to have a revival of the faculty skit, which alone is worth the price of admission. During the war years these skits were not performed due to the increased duties of the faculty. The faculty skit was always one of the highlights of the carnival, and the students will once again be looking forward to the excellent entertainment provided by the faculty.

The main feature of the carnival will be the freshman and sophomore competition for the Carnival Cup. Three faculty judges will determine which class produces the best comedy skit, with the winner receiving the Carnival Cup. Between the acts musical entertainment will be provided. To complete the evening a Round Robin dance will be held at all the fraternities after the Carnival.

(Continued on Page 3, Col. 3)

**Sophs Humiliated In Rope Pull And Paddle Rush**

The annual Paddle Rush started off last Saturday with a bang—the report from Jim McKernan's pistol. Forty-seven Freshmen and forty-three Sophomores raced from the ends of the football field toward the row of paddles on the fifty yard line. They collided in a column of dust as they frantically reached for the paddles. Paddles went flying into the air. So did arms and legs (attached to their owners, of course). The paddle dueling waxed fast and furious as Freshmen battled Sophomores. Paddles resounded against posteriors and other portions of the anatomy with equal vigor. In the midst of the excitement the identifying adhesive tape on the trousers of some of the contestants got ripped off. This only added to the confusion, for some of the Freshmen started scrapping among themselves.

Then the final signal was given and the opponents returned to their respective ends of the field. Although there were 43 paddles to start with, and seven were taken out of play, the score was 33 for the Freshmen and 22 for the Sophomores.

This was the second win the Freshmen chalked up in the Goat's Head Competition. The first one was the Rope Pull, which was held Friday afternoon, October 17, after being postponed from the previous Saturday.

There was a crowd of nearly 200 at the shore of Salisbury Pond, when the Freshmen carried the new rope down to the water. Because the original position was too hemmed in with trees, the Sophomore end of the rope had to be moved to line up with the monument near Park Avenue. By this time there were about 300 people along the Pond. Some of the more enthusiastic spectators perched themselves in a tree on the Freshman shore. The crowd began drifting into two camps to watch the opposing teams.

The first pistol shot for the preparatory signal was finally given about 4:30 P. M. The excitement of the crowd began to rise as the contestants dug their heels furiously into the turf.

Then, as the Sophomores hauled and strained, the rope slowly and steadily moved to their side. Sophomore anchor man Hank Baker had crossed Park Avenue where curious motorists, stopped by the rope, were watching the spectacle. It almost looked as though the Freshmen might get their feet wet. Someone signaled

(Continued on Page 3, Col. 5)

## Assembly On November 12th to Mark Observance of Founder's Day

The student body of Worcester Tech will observe the seventy-ninth anniversary of Founders Day with an assembly on November 12, 1947, to be held in Alden Memorial Auditorium. The original Founders Day occurred on November 11, 1868, at which time the doors of Worcester Tech were formally thrown open to all young men desiring to enter the field of engineering. This year we continue the observance of this memorable day by setting it aside as a college holiday. There will be no classes held on November 11, 1947 and the school will hold the above mentioned assembly on the 12th of November. The speaker for the Founders Day assembly will be Mr. Wallace T. Montague, W. P. I. '12. Mr. Montague is the Vice President of the Norton Company, Member of the Executive Com-

mittee of the Board of Trustees of Worcester Tech, past President of the General Alumni Association, and Chairman of the Municipal Airport Commission. His talk will be on the qualifications that industry expects in a graduate engineer. Since the majority of the students graduating from Tech will enter industry the discussion of this subject is of the utmost importance to each individual Tech man.

At the Founders Day assembly Tau Beta Pi will announce the names of their new pledges. Tau Beta Pi is the National Engineering Society and therefore its members are of the highest caliber in the fields of engineering. The President of the Tech Council will preside at the assembly. There will be a selection of special music under the direction of Clifford Green.

# TECH NEWS

Published Bi-weekly During the College Year by  
The Tech News Association of the Worcester Polytechnic Institute

EDITOR-IN-CHIEF  
Richard L. Tracy

MANAGING EDITOR  
Ronald A. Moltenbrey  
NEWS EDITOR  
Paul E. Evans

SPORTS EDITOR  
Louis C. Block

BUSINESS MANAGER  
Alfred L. Letourneau

ADVERTISING MANAGER  
Bernard J. Kaweck  
ASSISTANT MANAGERS  
Ambrose P. Feeney  
Rene H. Bachand

CIRCULATION MANAGER  
Frank H. Wotton

ASSISTANT MANAGER  
Robert J. Van Amburgh

Thomas R. Carlin  
Malcolm Sanborn  
Joseph Lemire  
Francis J. Bigda

JUNIOR EDITORS  
William A. Julian  
John K. Mullaney  
Gino J. Santandrea  
Jeremiah O'Neil

Fred J. Brennan  
Harold Okun  
Wilfred J. Wachter  
Raymond Brandoli

Malcolm Gordon

COLUMNISTS  
Richard K. Horne  
Roland F. Bedard

Mrs. Harold Guerci

Gerald F. McCormick  
Leo D. Rose  
Irving Haas  
Neil E. Sullivan

REPORTERS  
Subbiah Muthiah  
Harold A. Melden  
Thomas J. Coonan

Walter B. Dennen, Jr.  
Matthew Babinski  
Richard H. McMahan  
Lawrence B. Borst

Joseph Gwiazdowski  
Frank S. Jurczak

BUSINESS ASSISTANTS  
Francis T. McPartland  
Bronislaw B. Kuprewicz

Raymond J. Blanchet  
Francis E. Kearney

CARTOONIST  
Claude F. Veraa

PHOTOGRAPHER  
Phil Dreier

FACULTY ADVISER  
John H. Mackenzie

News Phones: Business {5-2024 Editorial {3-1411  
5-2024

## TERMS

Subscription per school year, \$1.00, single copies \$0.10. Make all checks payable to Business Manager. Entered as second class matter, September 21, 1910, at the Post Office in Worcester, Mass., under the Act of March 3, 1879.

## We Love a Parade — Hats Off to the Band

An inspiring element that has been pleasingly conspicuous on the campus this term is Tech's marching band. With their new outfits and enlarged ranks they are heralding the revival of that phrase that is being heard more and more of late, "Messrs. Bill Lynch and Fred Levitsky have turned out a band this year worthy of the highest praise." Let's give 'em a big hand when next they strut their stuff. Another item that seems to be badly needing at least editorial comment: Our band does a fine job playing the Alma Mater, but it has been noted that the reverence that should be accorded to the song is not always forthcoming. It is definitely a reflection on a student's personal character as well as on the school itself, when absolute attention is not given to the playing of the school song. Everyone should know the words and sing them out. (We hesitate to admit to the general public that some students do not know the words of their own Alma Mater, but 'tis sadly true.)

## Unsung Heroes — The Harriers

Perhaps one of the hardest working athletic teams on any campus is the cross country team. Considering the fact that the sport itself is a most grueling one with no cheerleaders along the way to keep their morale up we think that the boys who grind out the miles over hill and dale, with little more reward than self satisfaction, deserve a good pat on the back, win, lose or draw. That also has been the expressed opinion of several of our readers. Keep up the good work, men.

## We Are Grateful

In the last issue of TECH NEWS we asked for subscriptions to help support the paper. The results were most gratifying and we would like to thank our subscribers for their excellent response. It has always been the policy of this paper to try to include all material of interest to its readers. We hope that you will join in giving the comments we receive concerning the paper; and it is interesting to note that more often than not the most valuable suggestions come not from the student body but from outsiders interested in Tech affairs. Again we say thanks and we would like to hear from you again.

## Rushing

It's started again and a few tips to the freshmen at this point seems advisable. First of all it is essential that you read over the interfraternity rules regarding rushing in order that you will get an idea of just what is going on. These rules must be complied with and it is expected that the freshman will do his part. Dorm rushing, for example, is a 50-50 proposition and depends on the cooperation of the freshmen for its success. Naturally these things take time but it is an important thing for those that are interested in being fraternity men as they are now picking out many of their close associates for the next three years.

## Fraternity News Bits

By MAL GORDON

YA REMEMBER Guy Nichols, Gene Cray, Kim Woodbury, and Rog Perry of TX and also Scotty Glen-cross, and "Doc" Soorsoorian of LCA? They, besides many other of the recent graduates, were around on Homecoming Day. You upperclassmen met a lot of fellows you knew only a few years ago. Naturally most of them all have good jobs and wives.

HORSES AND WOMEN. With the previous go hayrides, and that is just what Theta Kap had on the 18th. There were two wagons and about 15 couples. Not sure, but there seemed to have been another one last Saturday night. With the latter there comes to mind some of the parties that the fraternities had lately. SAE, as did the other fraternities, had a House dance with eats after the Dorm dance. TX had a large sign which was an enlargement of an Al Banx cartoon in front of their House. It was done by Claude Veraa. Many of the other Houses had gay decorations. AEP's was done in orange and black as a preview of Hallowe'en. Which subject reminds one of the many parties which will be held on that week-end. For instance, Phi Sig, LCA, AEP,

and SAE. Undoubtedly, the other Houses will add their names to the roster of Party Holders then. R. Moltenbrey of ATO says his House is also having a party and hayride next week-end.

HEAT. Just as a matter of coincidence it is an established fact that TKP, LCA, and PSK had new oil burners installed. With no reflection upon them, it would be nice to have good weather as we have had until next spring.

FOOTBALL. Did you notice the tremendous crowd there was at the R.P.I. game? Not only were the stands filled but there was standing too. Even the crowd outside of the fence on Institute Road was larger than usual. The appearance of two girl cheerleaders with the regulars of Al Mintz and Mid Gordon of AEP and Lee Gray of PSK caused a mild surprise.

PLEDGING. TKP pledged Leo Lynch. ATO got four men, namely, Russell Waldo, Walter Keyl, Edward Ahlstrom, and Richard Jones—all of '50.

MOTHERS CLUBS. The Club of TX bought the House some curtains, bridge table, and ash trays. TX also has a new automatic washing machine.

FORMAL THOUGHTS. The date, Dec. 12; the place, Alden; the price, about \$4; the band, Bobby Sherwood, Sam Donohue, Larry Clinton, or Randy Brooks—take your guess. You fraternity men living in the House had better start looking for a room during that week-end. They are hard to find anyway.

## Dr. John R. Dunning Speaks To Sigma Xi On Nuclear Fission

About two hundred people were privileged to hear Dr. John R. Dunning, of the Physics Department of Columbia University, speak on "Nuclear Fission and Future Nuclear Research" at a joint meeting of the Sigma Xi chapters of Clark and Tech which was held in Kinnicutt Hall on Friday, October 24.

Dr. Dunning started with a review of the principles of nuclear physics, or nucleonics, as it is sometimes called. One of the most important concepts put forth was of the tremendous amount of energy that may be given off from a nuclear reaction. Although U-235 costs between \$20,000 to \$30,000 a pound, a pound is equivalent to 3,000,000 pounds of coal. However, it will be some time before such energy will be used for commercial installations, because of the problems of heat transfer, shielding the radioactive materials and products, and finding suitable materials of which to construct the machinery.

Dr. Dunning was connected with nuclear research during the war, and was mentioned several times in the "Smyth Report." At present, he is one of the Sigma Xi national lecturers, and is visiting chapters in the north-eastern section of the country.

Everyone is welcome to attend these meetings which are usually held about once a month.

## Skeptical Chymists To Reorganize

The reorganization of the Skeptical Chymists, which has been inactive since before the war, will take place in the near future. At a meeting which will be held Monday evening, November 3, Dr. Stauffer will give a short demonstration of interest to all chemically minded students, and there will be an election of officers and discussion of plans for the year.

The distinguishing feature of this group from any other on the hill is that the students give talks on subjects in which they are interested and have special knowledge. In recognition of each talk, the speaker is given a "shingle" which identifies him as a really skeptical chemist.

## Heat Transfer Talk For Ch.E. Society

The first meeting of the A.I.Ch.E. of the term was held Wednesday evening, October 22, in Kinnicutt Hall. The group has been recently reorganized since the war, with the election of officers being held last June. Romeo J. Ventres is chairman, Gino Santandrea vice-chairman, Ronnie Moltenbrey secretary, and John Wheeler treasurer.

The speaker of the evening was Dr. S. S. Kistler, who is associate head of research at the Norton Co. His subject was "Recent Developments in Heat Transfer". He told of many of the problems in transferring heat to both solids and gases, and something of the new apparatus that is being used by industry to attain such high temperatures as 2000° C. to 3000° C.

Refreshments of cider and doughnuts were served after the talk.

## PASSENGERS RELY ON COCA-COLA AND TRAVEL REFRESHED



5¢

PLEASE return empty bottles promptly

BOTTLED UNDER AUTHORITY OF THE COCA-COLA COMPANY BY  
COCA-COLA BOTTLING COMPANY OF WORCESTER

© 1947 The C-C Co.

# CAMPUS QUOTES

By ROLAND BEDARD

There has been a great deal of talk going on around school about the new system of weekly assembly periods, so it is only natural that we should publish some of these opinions for the edification of both students and faculty. So we asked a number of students: "What do you think of the assemblies we have been having, and what would you suggest for future programs?"

JACK BRIERLY, president of the Sophomore class, gave a long and well-thought-out answer: "I like the idea of the assembly period, but I can find little to say for the programs that have been put on. Tech men fully appreciate the fact that here is a period in which they can have class meetings, organization meetings, and any of the various things that manifest in school life. Tech men are, too, pressed for time and cannot and will not support poorly organized or inspired programs. For myself, and from what I have heard on campus, sports talks, movies and illustrated lectures seem quite popular. I understand that before the war Commander Edward Ellsberg gave an illustrated lecture on his adventures which was very popular.

"We used to have several artists at our high school assemblies every year, and those particular assemblies were very popular. Regarding movies, I know that Holy Cross, for example, has pictures of all their games (football and possibly basketball). Why can't we have some movies of the National Championship Tournament, won by Holy Cross. The movie public seems to appreciate these bits in the news; probably Tech men will appreciate them too. A carefully selected March of Time is always interesting. Men that have had adventures prove to be good lecturers. Fellows don't like to hear the whys and why-nots of life. They feel they are beyond that."

Most of the other opinions seem to concur. BOB BEAUREGARD said: "I feel that past assemblies have fulfilled their purposes of motivating a little philosophical thought and augmenting our knowledge of the surrounding community. However, since an engineering course includes so few arts courses and leaves so little time for personal investigations, I believe that future assemblies could be made more valuable by considering subjects of a broader scope such as national and international problems, governmental

mechanics, philosophies, and politics, recent advancements in medicine and science, and current events."

ROGER CROMACK had somewhat the same thing to say: "I think that the assemblies which we have been having are rather boring to the students because they are always conducted in the same routine manner. Also I think that the guest speakers should talk on some subject which is as far removed from Tech as possible. For future programs I would suggest more group singing, more selections by the Glee Club, and shorter talks by the guest speakers."

HOWARD DEMBER said: "One opinion of the assemblies we have been having matters very little. Rather it is the opinion of the entire student body, which is indicative of the popularity of the assemblies. From the ridiculously low attendance at this year's assemblies, it is obvious that the programs have not aroused the interest of the students. Selection of speakers for the assemblies should be made with the question in mind, 'Will this man have something to tell us which will appeal to the general interest of the student body?'"

DICK McMAHAN was rather critical: "Chapel Services so far: one rather poor, one quite good. Future chapel speakers should talk to us, rather than preach at or above us. The talk on Worcester left much to be desired. We hear facts all week long. How about the debating team's holding a short panel on some controversial issue, followed by discussion from the floor?"

ROGER LANE said: "The assemblies have been all right, but why not have shows similar to the House of Magic occasionally, or motion pictures on some interesting phase of science. Let's not always have just speakers."

TOM HODGES, another freshman, asked: "Why have all our assemblies of an educational nature? Why not have some programs merely for pure entertainment, such as football or other sports movies? Also, the Band or Glee Club could give an entertaining assembly."

And finally, RAY COSTINE suggested: "Get some lecturers who have travelled, who could show pictures along with their lectures. The Band could give a concert, and the Boyntonians could put on a fine show."

What do you think? The S.C.A. would like to know. Just fill in the blank below and give us your ideas.

## STUDENT WIVES CLUB NEWS

By MRS. HAROLD B. GUERCI

The Student Wives Association held its first meeting on Oct. 16 with Mrs. Kenneth G. Cooke presiding. We welcomed 22 new members to our group and hope for still more at our next meeting.

The most important news to members is that we have changed our meeting night to the second Tuesday of the month. Our next meeting will be Nov. 11.

Mrs. Harvey W. Carrier and Mrs. Robert W. Baldwin were elected social chairmen for the coming year. They were promptly put in charge of our Hallowe'en party and we expect to have a busy social season under their direction.

Mrs. Raymond B. Phaneuf, our former president, has volunteered to continue her sewing classes this year. This will be good news for those who attended them last year, and we hope new members will also come to sew, knit or chat. We again invite faculty wives to this activity. The date of the first sewing session will be announced at the next S.W.A. meeting.

Miss Davis of the Worcester Red Cross spoke to us on a course in "Mother and Baby Care and Family Health" which the Red Cross is sponsoring. We have a sufficient number of girls interested to form our own class. We have room for a few more, so if you are interested call Gloria Cooke immediately at 2-9138 after 7:30 P.M. Wives with or without children are invited to attend. The course will be given evenings.

To get away from business to the social side, it is the earnest hope of the executive committee that you enjoyed our first meeting and will continue to come. We hope that any Student Wife who has not come because of not receiving notification will accept this as an invitation to both the Hallowe'en party and our next meeting.

Let us again remind you that our Hallowe'en party will be this Friday, Oct. 31st, at 8 P.M. in the Janet Earle Room. It is to be an "old clothes" party.

### Tech Carnival

(Continued from Page 1, Col. 4)

The price of admission for the Carnival will be 75 cents, tax included.

The committee for the Carnival consists of Bob Ballard as general chairman, George Pano as business manager, and Walt Dennen in charge of the sophomore production. A freshman class meeting will be held Wednesday, October 29, at which time all men wishing to participate in the freshman skit can contact Bob Ballard who will be present at the meeting.

### Assemblies

(Continued from Page 1, Col. 4)

Machine Company. In reviewing the educational development of Worcester, Mr. Stoddard discussed the founding of the Worcester Polytechnic Institute (then known as the Worcester County Free Institute of Industrial Science) by John Boynton, a

# ON AND OFF THE RECORD

By JACK SAUNIER

It's hard to decide where to start this week, there are so many items worthy of comment on the musical horizon. Perhaps the most pertinent is the popping up—and off—of Little Caesar Petrillo again; he is one of the most misunderstood men in the papers—whatever he says is wrong to a large group of people—either the musicians or the listening public. This time, and as usual, it's the public that harbors the complaint, and well it might: if all goes well for James C., no new recordings will be made by union musicians after January first. The record shops will have to rely on the old favorites for a while. The juke boxes will, in time, languish and die a horrible death, giving way to the three-piece "live" combo in thousands of little joints the country over—this is the way the dream goes, I think. However, it is very doubtful that it will work out as planned, since there are not enough decent combos to go around, and as far as the radio stations with their recorded shows are concerned, they'll get along just about as well as the musicians themselves. It remains a potent and prodigious fact that the success or failure of many, many a popular musical aggregation nowadays rests with the relative success or failure of its recordings to sell or catch on with the fickle, fickle public. We foresee a great deal of sound and fury, with important and certainly just charges from both sides of the fence. How will it come out? Well, it's happened before, in a little different situation, and concessions were made on both ends of the rope. The same thing will happen again, but again, the musician will come out on the short end of the money bag; his bosses will rake in more and more, and the public will get its recorded music.

It seems that with pop song trends

what they are today, there won't be felt any great aching void for at least a little while; at the moment there is a big play on the "oldies," the songs that were popular in Mom and Dad's day—*Peg O' My Heart*, *That's My Desire*, *When You Were Sweet Sixteen*, etc., etc., and of course all of Daddy Jolson's hackneyed dirges. Much of the reason for this is the lack of acceptable low-brow writing by the song-smiths, the kind of thing Berlin wrote (and still does) and which few educated musicians will admit having written as a matter of personal pride. (See *Time*, Oct. 27th, for more on Berlin and this trend. I get too vindictive.)

We anticipate with relish the re-appearance of Larry Clinton in the ranks of popular dance bands; his new outfit is in rehearsal and ready to open at the top (Meadowbrook) early in November. The interesting thing to this corner is the instrumentation—only twelve pieces. If that is going to mean a brand of good uncomplicated swing, we're all for it. It's about time someone got away from the idea of arranging banal pop tunes for thirty-seven strings, twenty brass, twenty reeds, and a glockenspiel. With band pay what it is and payrolls the size they are, the scale doesn't leave much for the poor guy who plays third straw in the ripple section.

Uncomplicated swing doesn't necessarily mean Eddie Condon and Rudi Blesh (that phoney)—it can mean the Joe Mooney quartet, the King Cole Trio, or Dave Barbour's combo, all of which spell progress. By the way, Rudi Blesh is a "little king" who is trying to exploit many of the old-time New Orleans and Chicago jazz musicians. Listen to his "This Is Jazz" program some Saturday afternoon, and discover the epitome in inept production and bad taste.

### Goat's Head Competition

(Continued from Page 1, Col. 5)

for the Sophs to run down to get a new hold on the rope nearer the water. This decision proved their Waterloo, however, for so much rope was lost that the teams were even again.

Now the Freshmen really put their strength into the rope and all the Sophomores could do was to brace themselves. They dug their heels into ground in desperation and pulled.

The entire Sophomore team including the alternates let themselves be dragged through the murky water of Salisbury Pond. When the Sophomores came out of the water they promptly rushed for the Freshmen and proceeded to throw in the biggest one. It happened to be Nelson.

The bedraggled Sophs then took up the rope as the crowd dispersed. They vented their frustration on the motorists along West Street by literally tying up traffic with the six-inch hawser. They zig-zagged back and forth across the street between automobiles and around the trees. It wasn't long before the irate drivers began honking their horns in exasperation.

## STUDENT CHRISTIAN ASSOCIATION

### Questionnaire

Have you enjoyed the assemblies so far? .....

If not, what suggestions have you for future programs? .....

.....  
 .....

(Drop in "Organizations" box in Boynton)

## Tech Debating Team Meets Shrewsbury High's Orators

The first meeting of the Debating Club was held Thursday night, October 23, at eight o'clock in Sanford Riley Hall Commons. The highlight of the meeting was a debate between Tech and Shrewsbury High School on the question: "Resolved That the Federal Government Require Arbitration of Labor Disputes in All Basic Industries". The meeting was conducted by Henry J. Oletz, President. The business meeting was conducted by Robert Lerner, Business Manager, who greeted new members and announced the policy to be followed in debates this year.

It was announced that intercollegiate debates with the colleges of Worcester would be held this year with a cup going to the team that wins the greatest number of debates. Worcester Tech, Clark, and Holy Cross will be the colleges competing for this award. It was also announced by the Business Manager that as Holy Cross has won the cup for three successive years and now holds claim to it, a new cup will be purchased with the expenses being shared by the three colleges. Judges for intercollegiate debates will be picked thusly: one faculty advisor from the college of the opponents, one faculty advisor from Tech and one impartial person. The debates for the next two months were announced, with two in November and two in December. There will be one on November 7 with Holy Cross here at Tech, November 17 with Clark, over at Clark, December 2 with Clark here at Tech, and one with Holy Cross on December 9 at Holy Cross. The question for these debates is: "Resolved That a Federal World Government Be Established."

Tejinder Chaddha announced the

time rules for the debate with Shrewsbury High and introduced the members of the debating teams. Speakers for Tech, who took the affirmative, were David Danielson and James Dean. Speakers for Shrewsbury High were Harvey Lerner and Richard MacGowan, who took the negative side of the question.

The next meeting of the Debating Club will be held on Thursday night, November 4, at eight o'clock and every other Thursday night after that.

## F. T. Fox Speaks to A.I.E.E. Chapter

A meeting of the Worcester senior chapter of the American Institute of Electrical Engineers was held on Wednesday, October 15, in the Janet Earle Room of Alden Memorial. A very interesting talk was presented by Mr. Francis T. Fox, manager of the Worcester Airport. Mr. Fox told of the many problems confronting the airport manager, and gave a preview of what is to come in the future at the airport. He elaborated on the construction now being done at the airport, and also that which is to

be done in the future. There is a plan for a new runway, which will greatly increase the capacity and landing efficiency of the terminal. One of the main features of the airport is the new high intensity lighting system, which was completed this summer. The construction took over a year, and the Worcester Airport is the first airport in the country to be equipped with these special lights. Many new hangars and buildings will be needed. The airport is rapidly becoming one of the sight-seeing places of the area. The meeting closed with the serving of refreshments.

Free Delivery at the  
**Young Vets Florist**  
397 Main St., Worcester  
(Opp. Ware Pratt Co.) Telephone 3-8178

**SUITS \$29**  
Made to order  
with your fabric  
or ours \$39 to  
\$59 complete.  
Also Formal Wear  
Rent

**A. TALIS & CO.**  
102 FRANKLIN STREET  
Salem Square 2nd Floor

EATS

Postal  
Station

SMOKES

# Jay's Corner

151 HIGHLAND STREET  
2-9578

DRINKS

Magazines

TOILETRIES



Our Desire  
Is Satisfied  
Customers

## Have Your Watch Repaired

- EFFICIENTLY
- ECONOMICALLY
- THOROUGHLY

All work guaranteed for one year. Largest selection of straps and watch bracelets in town.

### RELIABLE WATCH REPAIR CO.

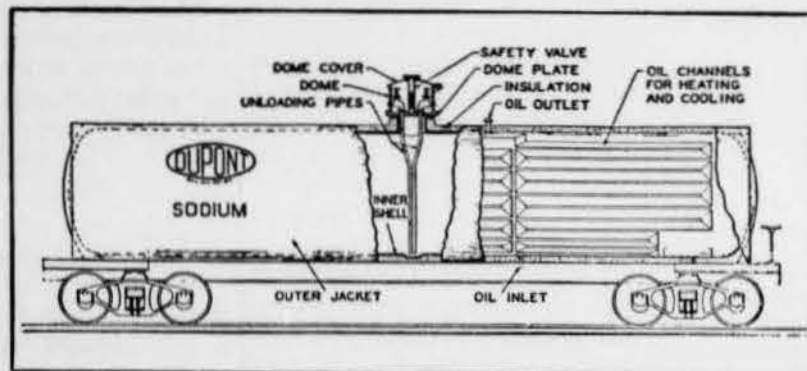
"All That the Name Implies"

255 MAIN ST. NEXT TO PLYMOUTH THEATER

# Du Pont Digest

Items of Interest to Students of Science and Engineering

## Industrial Organic Applications of Metallic Sodium

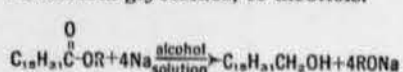


Sodium for organic reactions is shipped in 80,000-lb. quantities. It's pumped into the car, solidified by cooling and melted by hot oil for removal.

There would seem to be a considerable gap between the electrolysis of salt to make sodium, and research in the field of organic chemistry. However, at Du Pont as much emphasis is placed on organic research to develop outlets for sodium as on its inorganic uses.

For more than 15 years, intensive work on industrial uses for sodium has been carried on in Du Pont laboratories and plants by chemists, physicists, chemical, mechanical and electrical engineers.

In the organic field, this research has contributed a number of important uses for sodium such as the reduction of fatty esters, particularly of natural glycerides, to alcohols.



Du Pont organic chemists have found that sodium with selected secondary alcohols, such as methyl amyl alcohol, in the presence of toluene or

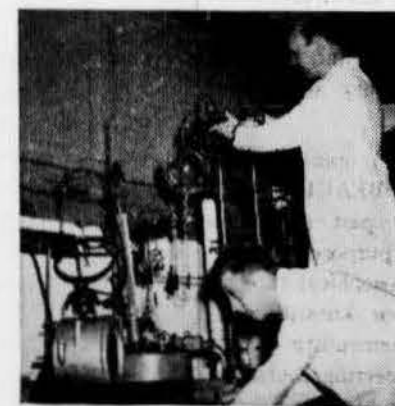
xylene, eliminates shortcomings of the classical method involving ethyl alcohol and sodium. Practically quantitative yields of the higher molecular weight alcohols are obtained.

This new method is especially useful in preparing unsaturated alcohols not easily made by catalytic hydrogenation. The process can be carried out at atmospheric pressure and compares favorably with catalytic hydrogenation of saturated, higher fatty esters because of the simplicity of operation and equipment.

The discovery of the new reaction conditions has led to the use of millions of pounds of sodium annually for manufacture of long-chain alcohols for wetting and emulsifying agents and synthetic detergents.

Other important processes developed by Du Pont organic research include the use of sodium for reduction of fatty esters to corresponding long-chain acyloins, and reduction of nitriles to primary amines.

Du Pont has also contributed to the development of many other uses for sodium and its simple derivatives, such as in the manufacture of tetraethyllead, used in high-grade motor fuels, dyestuffs synthesis, and descaling of alloy steels. In the form of sodium hydride or sodium alkoxides, sodium is a catalyst for many Claisen condensations, useful in the manufacture of barbiturates, sulfa drugs, vitamins, keto-acids and diketones.



Preparing to carry out an organic condensation reaction involving the use of sodium, R. B. Clark, B.S., West Virginia University '42, and W. J. Hills, M.S., Syracuse '36.

### Questions College Men ask about working with Du Pont

#### WILL AN ADVANCED DEGREE HELP ME?

For certain types of work, particularly research and development, a higher degree is a distinct advantage and about a third of the men engaged in this work are Ph.D.'s. However, the majority of our technically trained men are Bachelors or Masters. Every effort is made to recognize a man's training as well as his special experience and aptitudes. Write for a copy of the new booklet, "The Du Pont Company and the College Graduate," 2521 Nemours Building, Wilmington 98, Delaware.

**DU PONT**  
REG. U. S. PAT. OFF.

BETTER THINGS FOR BETTER LIVING  
... THROUGH CHEMISTRY

### AT THE HIGHLAND PHARMACY

107 Highland Street  
\$5.00 Curtis Pipe  
for \$2.50

THIS WEEK ONLY  
While They Last

### The Heffernan Press

150 Fremont Street, Worcester

Printers to Both Students  
and Faculty for Forty  
College Publications

Printers to THE TECH NEWS

### ENGINEERS!!

NOW'S YOUR BIG CHANCE  
Have your clothes dry-cleaned  
and pressed at the lowest prices  
in town.

Monday-pickup and Friday-  
delivery Service  
**Puritan Cleaners  
and Dyers**

217 Pleasant Street  
L. Block, D. Okun, Agents

More facts about Du Pont—Listen to "Cavalcade of America," Mondays, 8 P.M. EST, on NBC

## SPANNING THE SPORTS

By BILL JULIAN

Tech lost a real heartbreaker last Saturday, and a game that they richly deserved to win. The 12-0 score serves by no means as a criterion of the game, for the Crimson and Grey outsmarted, outplayed and in short did everything but outscore a supposedly powerful R.P.I. team. Coach Bob Pritchard's four man line with variations stopped the R.P.I. running attack cold throughout most of the game. Late in the fourth period with the score 6-0, the Techsters drove from midfield down to the R.P.I. seven only to be stopped short of a touchdown that would have meant a tie-ball game at least and maybe a 7-6 victory. After this Tech never again threatened and R.P.I. quickly tallied its second and final t.d. when Tech committed its only real defensive bobble of the afternoon by letting a pass receiver get beyond the secondary and catch a touchdown pass. It was a great game and one that might have been ours had we been able to capitalize on the scoring opportunities.

Over on the soccer field, Coach Higginbottom's charges dropped a tough one to Brown 4-1. Brown scored three quick goals in the first quarter to give them their margin of victory and then were outplayed the rest of the game by a much improved Tech team.

Dave Brown, running easily and in good form, led the harriers around the revised cross-country course to win hands down over his nearest opponent. However R.P.I. copped too many of the point places and won the team score despite Capt. Brown's fine individual performance.

Meanwhile the Frosh and the Sophs were tangling paddles in the first revival of the Paddle Rush since the war. When the dust had cleared and the bodies removed, it was discovered that the Frosh were the winners by a very convincing margin. Thus with their victory in the rope pull, the class of '51 is well on its way to winning the Goat's Head

The paddles were swung out there in a manner that would have brought tremors to many a fond mother's heart. The Paddle Rush is one of Tech's older traditions, and it is one that may very well be shattered in the future should anyone be seriously injured. As any old fraternity man will readily vow, the paddle is a mighty convincing instrument of mayhem and a well-intended, but errant, whack could result in serious injury. Let's hope that the Paddle Rush will always end like the "soap operas" with everyone living happily ever after.

Elsewhere on the gridiron, it is still Notre Dame and Michigan in the Midwest, Texas in the Southwest, Georgia Tech in the South, and Penn in the East. Army finally suffered its first defeat since 1943 when a strong Columbia team scored twice through the air in the closing minutes of the game to topple the Pointers 21-20 in what must have been a magnificent game. Thus ended a football dynasty that in '45 and '46 dominated the nation so decisively as to be regarded as the greatest football juggernaut of all time.

Worcester Telegram

The Evening Gazette

Sunday Telegram

Radio Station WTAG

### Cross-Country Team Using New Course

The cross-country team found itself running a new course for the first time in many years. Reacting to various complaints about the difficulty of the old course, Doc Carpenter decided on a new course. The new course now takes the runners around Park Ave., Salisbury and Boynton Streets, and Institute Road twice. The course also goes twice around the athletic field. Both the runners and the spectators find the new course a vast improvement. Dave Brown managed a win over the

## Pigskin Highlights

By JERRY McCORMICK

Extra! Extra! Tech scores. Yes, you rabid football fans, on the afternoon of October 18, 1947, our spirited team scored not one but two touchdowns. Both of these touchdowns were scored by an up and coming freshman named "Rick" Ferrari. It was only right that he be the first to score, for he all but knocked himself out trying to accomplish the forgotten feat of scoring a touchdown. Any time that this rugged little halfback put his sights on the enemy goal-line he was unstoppable.

The first Tech touchdown was scored in the fourth period when Ferrari crashed through right tackle from the two yard marker. The conversion for the extra point was good, but the "ref", who was looking at the airplanes, ruled it no good. The ball sailed at least one-half foot inside the white post, but who are we to quibble over one little point when Tech racks up twelve points. This touchdown seemed like a victory in itself, for the Tech fans went wild. A few minutes later the fans again went into an uproar when Ed Carpenter, playing a sterling game at right tackle, recovered an A.I.C. fumble in enemy territory. At the prospect of another score Coach Pritchard sent in "old reliable" Rick Ferrari who scored from 15 yards out on the same play that produced the first score.

Although Ferrari put on an outstanding show throughout the game we cannot overlook the brilliant running of Howie Green and the superb defensive play of Dick Seagraves and Al Hansen. Hansen looks like a good prospect for one of the guard positions.

The story of this 25-12 defeat can be summed up in a few words—"No pass defense". The A.I.C. ends were just too tall for the Tech backs. Little Howie Green did all but climb up the receivers' backs but to no avail, the receivers were too big and the passes too high.

new route against R.P.I. Saturday in 19.15. Ed Lemieux of Trinity completed the route in nineteen minutes, one second.

**Basketball Equipment**  
**Basketball Uniforms**  
**Basketballs**  
**Knee Guards**  
**Athletic Supporters**  
**Basketball Shoes**

Fraternity Teams Completely  
Outfitted at Team Prices

"When Using Rawlings, You Use  
the Best"

**Owl Shop**  
**SPORTING GOODS**

289 MAIN St.—Cor. Exchange St.

## TECH SCORES



Rick Ferrari brings Tech its first score since forty-four, in smash off right guard. Number 74, Ed Carpenter, 66 on ground O'Regan, 33 Seagrave. Two players on ground extreme right are Peabody and W. Kolodne.

## FOOTBALL TEAM SCORES ON A.I.C. TWICE; LOSES TO R.P.I.

In a rough gridiron clash on October 18, American International College rolled up four tallies in the first three periods against Tech to set back the Engineers 25-12. The two touchdowns in the final period was the first scoring done by Tech since 1944.

The Boynton Hillers had a golden opportunity early in the first quarter when Captain Harry Melden recovered a fumble on the Aces' eight yard line. But a series of running plays lost four yards, and the Aces took over on the twelve.

Here A.I.C. lost no time. On first down, a pass from Benjamin to Tourtellotte, who was a thorn in Tech's side all afternoon by way of some outstanding catches, resulted in a first down on the Engineers' 18 yard line. Four plays later, Santone tallied from the eight. The attempted point conversion failed.

In the second period, A.I.C. repeated its pattern of long pass plays and running the ends to score again. This time an aerial was responsible as Beaudoin, the Aces' rangy right end, snagged the pay-off toss.

The Engineers got their second break when Al Riley recovered a fumble on the visitors 45 yard line. From there, Tech marched down to within three inches of a score, but a shady decision by an official set them back to the six. The first half ended with a pass play from Carlson to Ferrari bringing the pigskin down to the one yard line.

Apparently disheartened by the turn of events in the first half, Tech fell apart at the start of the second half. A sixty yard march climaxed by Mullin's 9 yard run around right end plus the point after made the score 19-0. A few minutes after, another sustained drive by the Aces from their own 13 yard line made the score 25-0 as Santone rounded the flank from the Tech 18 yd. line.

But the men from Boynton Hill didn't give up. "Rick" Ferrari, the

To the Trojans of Rensselaer, the presence of Worcester Tech on their schedule looked like a gift from the gods. But many years ago, in the dim dark ages before John Boynton sold three skillets and a wash basin and founded the Worcester Free Institute of Industrial Science, a wise old gentleman with a long white beard told another group of Trojans to beware of Greeks bearing gifts. After Saturday's near upset at the hands of the Engineers from Worcester these present-day Trojans will henceforth accept gifts only from Santa Claus and the Physics department.

From the opening kickoff the W.P.I. team played as if they hadn't read the visitor's scrapbook. In the first half they twice drove deep into Rensselaer territory only to bog down in the shadow of the goal posts. It was after the second of these sallies that R.P.I. drove to their first score. A 30 yard end run by full-back Dean Armstrong and two passes by quarterback Ehrsam brought the Trojans a first down on the Worcester 11-yard stripe. Bucks by Sutton and Beard brought another first down on the one-foot line; from here Ehrsam bulled over for the score. Bill Howell missed the conversion.

This was the scoring picture for the first three periods with the tricky Worcester defenses foiling the Trojan's efforts. It would be unfair to single out anyone on the Tech team and praise his defensive work, for the entire team was immense. From the start the tackling was hard and sure and the visitors realized early that they were in for a ball game.

In the fourth period after two more scoring bids had petered out, the Techmen began their most impressive drive of the game. Taking over an out of bounds punt on their own 46 the Engineers gained eight yards on a pass from Bob Carlson to "Rick" Ferrari. Howie Green and

(Continued on Page 6, Col. 2)

## DENHOLM'S Shops For Men

Feature famous nationally advertised lines  
you know . . . and like to wear.

STREET FLOOR

### HARRIERS BEAT TRINITY; LOSE TO R.P.I.

**Brown Finishes Second In Trinity Win; First In Loss to R.P.I.**

The Tech cross-country team lost a close match to Rensselaer 34-24 last Saturday despite the fact that Captain Dave Brown ran one of his best races to finish first in the time of 19.15. The men from Troy, however, managed to finish second, fourth, fifth, sixth, and seventh. Reid once again showed good form in running a close third. Dave Brown seems to have found himself a running mate in Reid.

Summary: Brown (W); Clapp (R); Reid (W); McLane (R); Okley (R); Gere (R); Smith (R); Holby (W); Hawley (W); Sisson (W).

Two days previously, Thursday, the Tech harriers defeated Trinity over the same course. Eddie Lemieux, a former Tech runner himself, finished first for the Trinity runners in the time of 19 minutes, one second. Dave Brown and John Reid again provided a one two finish; clinching second and third places respectively. Frank Holby and Sisson hauled down the fifth and sixth places and Hawley finished eighth. Brown was clocked in 19.47.

Summary: Lemieux (T) 19.01; Brown (W) 19.47; Reid (W) 20.00; Wolford (T) 20.09; Holby (W) 21.16; Sisson (W); Cunningham (T); Hawley (W); Muthiah (W); Rodier (W).

### WPI vs. AIC

(Continued from Page 5, Col. 4)

best back on the field all afternoon, recovered an opposition fumble on the Tech 40. Two aeriels from Seagraves to Ferrari, plus some hard running by Green and Ferrari put the ball on the Aces' 18 yard line. Two plays later Ferrari became the first Engineer to cross the double marker since '44.

Having found the combination to the scoring lock that had shackled them for so long, the Engineers struck again. Once again a recovered fumble, this time by Ed Carpenter on the A.I.C. 39 yard marker, was the key. Seagraves passed to Ferrari who wasn't stopped till he reached the 15. Then the terrific freshman from Athol belted over right tackle to complete the scoring for the day.

### SEVENTH ANNUAL ALUMNI HOMECOMING IS SUCCESS

(Continued from Page 1, Col. 2)

ment owe a big vote of thanks and appreciation to the committee in charge, whose members are as follows: Mr. Helge Johnson '24, president of the Alumni Association; Mr. Russel Reed '22; Mr. Alan F. Hardy '37; Prof. Donald Downing '26; Dean Paul R. Swan '23; Mr. Robert Rochette, dormitory superintendent; and Mr. Donald Smith '41, Alumni Secretary.

Lubrication and Battery Service  
**Farnworth's Texaco Service Station**  
Cor. Highland & Goulding Sts.

### WPI vs. RPI

(Continued from Page 5, Col. 5)

Ray Girard crashed through the Rensselaer forward wall for three first downs putting the ball on the 11-yard line. Ferrari rounded left end and was stopped on the eight. Then the Dutchmen strengthened and held Ken Muccino and Dave Poulin making it fourth down and about six. A short pass from Carlson to Ferrari gained only one yard and Worcester lost both the ball and the ball game on this spot.

### Tech Booters Bow to Brown And Gymnasts

For the third and fourth straight time, Tech booters took the fatal road to defeat. Last week, in Springfield, the favored opposition trimmed Tech 10-0. Nevertheless, the Tech eleven threatened to make a detour as they were outscored by Brown University 4-1 this Saturday on Alumni Field.

Once again the first quarter proved to be too much for Tech when the Brown and White of Brown kicked themselves to a 3-0 lead. Driving with the wind in the opening 22 minutes, the Tech forward wall found it difficult to control their passes. Thus, the visitors took advantage of these errors along with some excellent strategy to net their goals.

During several occasions in the second quarter, Ozbas, Lunde, Horne, and Hellig played accurately as they kept the Brown goalie busy. However, the Brown and White increased their lead to 4-0 when Al Bellows booted his second goal into the net before the half ended.

Coach Higginbottom's team showed new life in the second half as they dominated the play. Their offensive began to click in the third quarter with Ozbas, Lunde, and Underwood threatening throughout the 22 minutes.

Finally being able to penetrate the Brown defensive backs, the Tech eleven were stymied as they missed some great opportunities during the remainder of the second half. A lot of credit goes to Sverre Lunde, who two weeks ago had an accident in the Trinity game, but, who was back in the game today trying to urge his team to victory. After a shaky first half, a newcomer in the Tech lineup played outstanding ball the rest of the game. This is Bill Collings, the Tech goalie, who, in time, ought to help lower some of the visitors' scores.

### T.K.P. AWARDED PRESIDENT'S TROPHY

(Continued from Page 1, Col. 3)

Along with scholarship, there was a prize of twenty-five dollars for the fraternity showing the most improvement in scholarship over an academic year. This honor went to Phi Gamma Delta with a 3.62 boost.

Activities alone warrant no prize, but they do aid in the total for general excellence. Theta Kappa Phi, Phi Sigma Kappa, and Lambda Chi Alpha took honors in that order, based on general excellence.

### Elwood Adams, Inc.

Industrial Supplies Distributors  
Lawn and Garden Supplies  
Hardware, Tools, Paint,  
Fireplace Furnishings  
154-156 Main Street  
Worcester, Mass.

### LANGROCK

FINE CLOTHES  
Since 1896  
Formal Wear  
Custom Made Suits  
Ready Made Clothing  
Slacks - Sweaters - Shirts  
330 MAIN STREET  
Central Building

### PAUL DULONG Representing the PREMIER CLEANER TAILOR

111 Highland St.  
TEL. 3-4298  
See DULONG at Your Fraternity  
or ROGER WYE at Dorm  
For Call or Delivery Service

"I'M A CHESTERFIELD FAN BECAUSE THEY REALLY SATISFY"

*Barbara Stanwyck*

SEE BARBARA STANWYCK IN WARNER BROS. PICTURE "CRY WOLF"

**A** ALWAYS Milder  
**B** BETTER TASTING  
**C** COOLER SMOKING

*The sum-total of smoking pleasure*

**ALWAYS BUY CHESTERFIELD**