

TECH NEWS



Volume XLII

Worcester Polytechnic Institute, Worcester, Mass., Wednesday, November 12, 1947

Number 3

Freshmen and Sophomores Vie For Tech Carnival Cup Nov. 22

Faculty Skit, Absent During War Years, Makes Its Comeback to Highlight Colorful Tech Carnival

Have you noticed any of the faculty members laughing to themselves while walking about the campus? If you're wondering why, don't miss the 32nd Annual Tech Carnival to be held Saturday, November 22, at 8 P.M. in Alden Memorial Auditorium.

This year the faculty skit will be one of the highlights of the carnival, after its absence for many years. Excellent suggestions for gags have been coming in continuously during the past week. There is a tremendous element of surprise built around this year's faculty skit. The committee met secretly last week on the outskirts of a nearby town, and after many sociable beers were in the mood for writing the script. Wholehearted cooperation has been obtained from all faculty members, and the joint efforts of the English department and Dr. Wellman are being put into the skit. With an all star cast of faculty members ribbing other members of the faculty, the

students should be provided with a superb evening of entertainment.

The freshman and sophomore competition for the Carnival Cup will be the main feature of the carnival. Considering the keen rivalry between these classes, the school is assured excellent productions by them. 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. 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, Mr. MacKenzie, chairman of the faculty skit, Walt Dennen, chairman of the sophomore production, and Owen Ott as co-chairman of the freshman production.

The proceeds from the carnival will go to the Student Christian Association, to provide funds for the operation of the SCA throughout the school year.

Student Christian Association Announces 1947 Budget; Appeals for Members

Since 1891 the Student Christian Association has devoted itself to furthering the ideals of the school and supplementing classroom training. Today this, the oldest student organization on the Hill is continuing its work with the major interest being that of promoting school spirit.

In the course of the school year a number of activities which bind the student body together are the responsibility of the S.C.A. (such as that rally with 32 gallons of milk and 800 doughnuts free and the Tech Carnival scheduled for Nov. 22).

Income

| | |
|-----------------------------|------------|
| 1. College contribution | \$500.00 |
| 2. Carnival gross income | 400.00 |
| 3. Blotter and Handbook ads | 400.00 |
| | <hr/> |
| | \$1,300.00 |

Expenses

| | |
|---------------------------------------|--------|
| 4. Freshman orientation (rally) | 50.00 |
| 5. Handbooks and blotters | 450.00 |
| 6. Books and magazines | 50.00 |
| 7. Employment bureau | 10.00 |
| 8. Telephone and telegraph | 65.00 |
| 9. Membership material | 5.00 |
| 10. Meetings and speakers | 100.00 |
| 11. Stenographic work | 5.00 |
| 12. Stamps and printing | 10.00 |
| 13. Discussion groups | 5.00 |
| 14. Conference (transportation costs) | 120.00 |
| 15. N.E.S.C. | 50.00 |

| | |
|---------------------------|------------|
| 16. W.S.C.F. | 10.00 |
| 17. Equipment and repairs | 100.00 |
| 18. Game Room supervision | 40.00 |
| 19. Carnival expenses | 100.00 |
| 20. Peddler advertisement | 20.00 |
| 21. W.S.S.F. | 100.00 |
| 22. Miscellaneous | 10.00 |
| | <hr/> |
| | \$1,300.00 |

Surprised? Didn't realize the S.C.A. was that broad in scope? Perhaps you aren't, but many other students will be. This organization is one whose work is not well known.

A few of those titles may be perplexing so they are explained after the proper number.

6. Those in S.R.H. Commons for the use of the whole student body.

7. Printed advertisements to be distributed through the neighborhood to solicit part-time jobs.

9. Printing of membership cards.

10. For assemblies. This year the expense is increased because of our good fortune in receiving the free hour on Wednesday. Previously, the S.C.A. had to arrange for only one speaker a month.

14. Tech sends two S.C.A. members to represent it at an annual intercollegiate conference.

15-16. These are national organizations much the same as fraternities have.

17-18. For that much used and sometimes abused Game Room in S.R.H.

Tau Beta Pi Announces Initiates

Honoring of Twelve Students Features This Morning's Assembly Program

Wallace T. Montague, Trustee and Norton Co. Vice-President Speaks

Today at the third general assembly of the year the names of the new initiates of Tau Beta Pi were announced by Robert Nowell, President of the organization. Nine were chosen from the Senior class and three from the class of 1949. Tau Beta Pi in technical and engineering colleges is comparable to Phi Beta Kappa in liberal arts colleges. The purpose of this honorary fraternity is "To mark in a fitting manner those who have conferred honor upon their Alma Mater by a high grade of scholarship as undergraduates, or by their attainment as alumni; and to foster a spirit of liberal culture in the engineering colleges of America."

This was the first election to be held this year and was the first time men have been chosen from the Junior class. The scholastic requirement is to be in the upper eighth of the Junior class or the upper fifth of the Senior class.

Those nominated from the class of 1948 were: William A. Beers from Holyoke, Mass.; Harold B. Guerci from Queens Village, New York; Vincent P. Juselis, Bayonne, N. J.; Gershon Kulin, Webster, Mass.; Arthur L. Pike, Bridgeport, Conn.; Per Roed, Boerum, Norway; Wayne A. Shafer, Jr., Wheatland, Wyoming; Albert H. Soloway, Worcester; and Wilfred J. Wachter, Sioux City, Iowa.

From the Junior Class the three men chosen were Albert R. Deloid, Jr., New Bedford, Mass.; Malcolm E. Ferson, Middleboro, Mass. and James F. O'Regan, Natick, Mass.

The main speaker for this morning's assembly was one of the most able of Worcester's many capable businessmen, Mr. Wallace T. Montague.

Balloting Is Completed

The final outcome of the hotly contested class elections has been determined. The Junior class leads the list with three offices which were closely contested. The final outcome found Joe Winslow as Vice-President, Jim O'Regan as Secretary, and Ed Dion in the position of Treasurer of the class of '49. Next came the sophomores with two offices really wide open amidst hot balloting; final outcome, Paul May, Treasurer, and Bruce Bailey, Secretary. And lastly the seniors with but one disputed office; namely that of Treasurer, with George Pano elected to the office.

Notable Worcester Citizen Speaks at Chapel Service

The third meeting of the ever-improving chapel services took place last Wednesday. The service was different from those previous in several aspects. The general spirits of both students and faculty were exceptionally high due to the election of Admiral Cluverius to the post of School-Committeeman-at-Large; and the theme of the service's speaker, Mr. Jones, Minister of Central Congregational Church, was vital, timely, and effective on the subject of Europe's, chiefly England's, present economic crisis and its effects on life in general.

Of particular interest to us, as college students, was the policy of

(Continued on Page 3, Col. 2)

Faculty Party in Alden Memorial to Be Gala Affair

Saturday night, November 15, will occasion the unbending of our worthy faculty in what is expected to be the most successful faculty party thus far. Alden Auditorium will rock with long pent-up gaiety, and the best of cut-ups among the student body may well be jealous. The featured entertainment will be a square dance which, if it were to fulfill one interpretation of its name might well be limited to the instructors. Mrs. Jerome W. Howe will do the honors as caller. There will also be bridge and parlor games for the less athletic. Dr. Massius is expected to be among the participants in these less strenuous forms of entertainment, since he would naturally shun such a waste, if not destruction, of energy. Modern dancing will also be included in the program, and the floor may creak under the first two-step since Alumni Day. The Lindy, Bridgeport, and Shag, however, will undoubtedly predominate. The affair as a whole might possibly be briefly and aptly described in the words of a yet literary-minded freshman who, when informed of the coming event remarked, "strange fruit". Over and above all, however, it may be safely said that success cannot but attend the efforts of the capable committee in charge. Its chairman is Mrs. E. Higginbottom, ably assisted by Mrs. F. J. Adams, Mrs. Alexander, Mrs. Bjork, Mrs. Griffith, Mrs. Hooper, Mrs. Swan, Mrs. Levitsky and Mrs. Schweiger. The student body extends to those who will attend sincere wishes for an enjoyable evening.

Weekend Featured By Interfraternity Ball Begins Dec. 12

Triple Threat Weekend Features Formal, Round Robin, and Basketball

The time comes once again for all socially minded Tech men to send out eviction notices to tuxedo-dwelling moths and to give that girl back home the glad word that the Annual Interfraternity Ball is to be Dec. 12, just one short month away. The occasion bodes well to be a real old-fashioned Christmas Formal weekend, such as Tech men haven't seen since before the war, with a basketball game with Norwich on Saturday night, followed by the customary Round Robin dancing in the fraternity houses.

So far the committee, consisting of the regular members of the Interfraternity Council headed by Jack Saunier, has not yet engaged an orchestra. Billy Butterfield's band was slated for the big event, but unfortunately his outfit broke up a few days ago, leaving a much saddened

(Continued on Page 3, Col. 1)

SRH Lounge to Have Coffee Shop Soon

The long awaited Worcester Tech Coffee Shop has at last become a reality. Through the initiative of Steve Spaneas '49, and the cabinet members of the Student Christian Association, plans have been made to open up a Coffee Shop in the lounge of Sanford Riley Hall within a very few days. The money to run the Coffee Shop was a gift of the Class of '47. This gift of \$100 will be used to set up the essentials necessary for a good Coffee Shop. The Shop will be on a one month trial basis and if it meets with success, a more suitable location will be found. The success of this venture depends entirely on the cooperation of the student body and it is expected that they will do their part in making this endeavor a great success. The Coffee Shop will be run on a non-profit basis and any profits made will go directly to the Class of '47's fund for the permanent Coffee Shop.

The best coffee available will be put into use in this Coffee Shop. The Silex Coffee method will be used

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TECH NEWS

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Engineering Progress Financial

(From the Drexel Institute of Technology *Technical Journal*)

As an undergraduate engineer, you should be interested in the probabilities of your future. Perhaps you had examined these when you chose your noble profession, most likely not. Let us look at some cool, hard facts, using dollars and cents as our standard of achievement. Ten years after graduation from college we find the average salary of bankers and brokers to be \$11,000; physicians \$8,000; architects \$7,250; and lawyers \$6,000. Now a glance at the salaries of groups that never attended college. Ten years after graduation from high school merchants earn \$7,100; salesmen \$5,700; insurance men \$4,500; and farmers \$4,450. Below these college and non-college groups, ten years after graduation, we find the downtrodden engineer with his measly annual earnings of \$3,700.

Is this an indication of the engineers' value to society? Is a four or five year college education warranted to earn this paltry sum? We underestimate our worth, we stand content with a large title and small reward.

The profession cannot and will not be bettered under prevailing conditions. The outlook is poor now and yet a shortage of engineers prevails. It is estimated that supply will reach demand in about ten years. If conditions are bad now, what then?

We, as engineers, are supposed to be rational thinkers and yet we have not even attempted to solve our greatest and most personal problem. In this world, brains pay off, let's make ours pay. We can do it and must do it. We owe it to ourselves, our profession, and our country.

Social

(From the *Michigan Tech Lode*)

Verily, I say unto you, marry not an engineer, for the engineer is a strange being possessed of many devils; yet, he speaketh eternally in parables, which he calleth "formulas," and he wieldeth a big stick, which he calleth a slide rule, and he hath but one Bible—a handbook.

He talketh away all stresses and strains, and without end of Thermodynamics. He showeth always a serious aspect and seemeth not to know how to smile; and he picketh his seat in the car by the springs therein and not by the damsel beside him; neither does he know a waterfall except for the specific heat.

Yea, he holdeth his damsel's hand, but only to measure the friction, and kisses but to test viscosity. For in his eyes shineth a far away look which is neither love nor longing, but a vain attempt to recall a formula.

Even as a young boy he pulleth a girl's hair to test its elasticity, but as a man he discovers different devices; for he would count the vibrations of her heart strings and reckon her strength of materials; for he seeketh even to pursue the scientific investigations, and inscribeth his passion in a formula; and his marriage is a simultaneous equation involving two unknowns and yielding diverse answers.

Fraternity News Bits

By MAL GORDON

ATO held a Halloween dance and party on Saturday Night, November 1st. Several novel games were played and refreshments were served. ATO is planning an informal dance on Saturday night, the 15th, and also will participate in the Round Robin after the Carnival.

SAE

Saturday night, Nov. 1, SAE held a Masquerade Dance attended by about 25 members and their dates.

Having installed an oil heating unit and a new kitchen range, SAE is now replacing the hard-wood floor of the main hall-way with one of linoleum tile.

SPE

There have been several Saturday night parties at Sig Ep. On Oct. 11 there was a tea dance and treasure hunt following the U. of Mass. game. On Homecoming Weekend there were many of the alumni back visiting us. Movies of the Conclave trip were shown, and on Sunday there was the annual Convocation banquet at the Sheraton. Saturday November 1 witnessed a Halloween party. The usual games appropriate to the occasion were heartily enjoyed by all. Glen From won the apple dunking contest with a record of two seconds. Bud Foss and Louie Jordan called a Virginia Reel and other type dances. Cider and doughnuts were served for refreshments.

Ed Nurmela, Nick Nikander, and Aaron Ahronian were pledged to the fraternity.

TKP

Thirty couples attended the Halloween House Party that was held last Saturday night. The house was decorated completely, from corn stalks to pumpkins. There were movies and dancing, and cider and doughnuts were served.

On Friday night, a Halloween Party was held for the orphans of the Nazareth Home of Leicester. Games were played, prizes were awarded, and refreshments were served.

Brother John Gagliardo is home recuperating from a broken leg, suffered playing soccer.

Skeptical Chymists Reorganize, Elect

On Monday, November 3, the Skeptical Chymists held their first meeting of the term. Since it was a reorganization meeting, the first since the fall of 1945, the first order of business was to elect officers. George Crompton III was elected temporary chairman, and Vincent Henry was elected president, George Crompton III vice president, and Bernard Ziobrowski, assistant in Chemistry, secretary-treasurer.

At future meetings, students will give talks on subjects of which they have specialized knowledge. Already listed are J. M. Genser's talk on electro-deposition of metal on plastics, Len Fish's on Chemical Warfare, and M. A. Sanborn's on Synthetic Gasoline. All interested students are invited to attend.

Founders Day Observed

Nearly everyone recognizes the date November 11 as being Armistice Day, but for Tech men this day has an added significance. It was on November 11, 1868 that Boynton Hall's doors were first opened to students, and this event has been commemorated in the years that have followed by the annual observance of Founders Day. This year, as usual, November 11 was an official college holiday, and no classes were held.

It has been the custom in recent years to honor the founders of Worcester Tech by more than just an interruption of classes. The Institute has made arrangements with the selectmen of the town of Mason, N. H. whereby they will place a wreath on the monument erected to the memory of John Boynton, the principal founder of Tech. This town was the birthplace of John Boynton, and on its common stands the monument honoring him, placed there by the Class of 1922 on the occasion of their fifteenth anniversary.

It also has been customary to honor the other founders similarly. This year, as in the past, wreaths were placed on the graves of Ichabod Washburn, Stephen Salisbury, David Whitcomb, and the Rev. Seth Sweetser. The delegation going to Rural Cemetery was led by President Cluverius and Prof. Swan, and also included Al Raymond and Charles Jones, as representatives of the student body.

Newmanites Listen To Father Lucey

The second meeting of the Worcester Tech Newman Club was held Tuesday evening, November 4, 1947, in the Janet Earle Room of Alden Memorial. The meeting was opened by Fr. Brabson, chaplain of the W.P.I. Newman Club, who was introduced by President Salvatore Intagliata. President Intagliata announced that the New England Federation of Newman Clubs are going to hold their regular monthly meeting at the University of Conn. on November 8, 1947. He also announced that the members of the Tech Newman Club have received an invitation from Framingham Teachers College to attend a dance to be held at Framingham on Friday, November 14. All members of the Newman Club who wish to attend this dance should contact President Intagliata. All members who can provide transportation should also give him their name.

The guest speaker for the evening was Fr. Lucey, a member of the History department at Holy Cross. He discussed the different aspects of the study of history and the views a historian takes when he is writing on history. After the discussion was over, Fr. Lucey held a question period for members who had questions on history as seen by the Church as well as the social problems connected with history. Refreshments were served after the meeting for members and guests.

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CAMPUS QUOTES

By ROLAND BEDARD

Well, we really asked for it this time. The question of the week was: "What is your opinion of TECH NEWS, and can you suggest anything to improve it?" It appears that the students' opinion is not too good, and there were quite a few suggestions as to methods for improvement. Some of the answers were rather lengthy, so they will be quoted only in part, but we will try not to leave anything of importance out.

Walther Keyl said, "I think the TECH NEWS is doing a good job in presenting the campus news to the student body. It could be improved, I think, by the inclusion of a cartoon or two which would instill a little humor in the paper and round out the publication."

Edgar Carpenter brought up another point: "The TECH NEWS is a good school paper, when compared to other school papers; however, it does not completely cover all of the minor activities on the campus. For example, the Nautical Club has been racing all year, but there has been very little reported on it. This is true also of the Rifle Club and many other of the minor activities on the Hill. I suggest that large columns, such as 'On and Off the Record', be cut down and that student activities be emphasized more."

John Cocker has been favorably impressed by the paper: "The TECH NEWS is O.K. Sports reporting is a bit one-sided, but I suppose it is no more so than the opinions of a W.P.I. spectator. On suitable questions, the Inquiring Reporter might sound out faculty opinions, if they're available. On the whole, no serious faults that need remedying."

Leo Dumas said: "I have a very high opinion of the TECH NEWS in that it serves the main purpose of a college paper, informing the students of school activities. However, this objectivity can be very easily overdone, and the following suggestions are offered as a possible remedy. First, add more levity and humor. Second, run a feature article in each edition humanizing one or more of the instructors here on the Hill. Not the mere reporting of cold facts concerning their education, etc., but

lesser known details of their lives, their hobbies, and their ideas. In spite of the more or less natural antipathy towards instructors and anything instructorish, the column would be well received."

Wesson Miller has little use for the paper. He said: "Realizing the many difficulties encountered in the publication of the TECH NEWS, I feel that it could measure up to par with a little consideration of these three points: The first is to dispense with the frequent use of cliches which would not be tolerated in some prep school papers." (And here he quoted a particularly sugary excerpt, which we cannot bear to repeat.) "The second is to strive toward giving a more concise relation of the facts in the news supplemented by the use of pictures. Lastly is concentration on the use of good English and spelling which is all-important to a good literary publication."

Guy W. Burr, Jr., submitted the following answer: "I feel that on the whole the makeup of the TECH NEWS is satisfactory. In considering possible improvements, though, I do believe that since such a large percentage of the students depend almost entirely on fraternity activities for their extra-curricular life, a greater amount of space should be given to this phase of Tech life. Also as one of the main purposes of the NEWS is to serve as an instrument by which student opinion can be voiced, I think a greater opportunity should be extended to those not directly connected with the paper to express their views on the various issues that arise."

It is exactly for that purpose that this column was originated. You needn't wait to be asked to sound off in this column. Any time you have anything to say, write it out, and, if it is printable, we will print it. This is an opinion column for all students. Use it all you want to.

According to some of the answers we received this week, many students have been misinformed on one point. There is no faculty censoring on the TECH NEWS. No one but the members of the staff see the material before it is published.

STUDENT WIVES CLUB NEWS

By MRS. HAROLD B. GUERCI

The S.W.A. held its first social affair of the season on Hallowe'en. It was by all accounts a hilariously successful evening. Your reporter was unable to attend so all credit for reporting goes to Gloria Cooke and Ruth Shaw.

The program for the evening was games and dancing. The games were not designed to increase one's dignity—and didn't.

The first game was a race between lines of men and women, in which the object was to pass a tennis ball along each line from person to person without touching the ball, the ball being held under the chin and passed directly to the next person's chin. Someone won but not without a good bit of effort. At the beginning of the game not too many people knew each other—after it they had a chin rubbing acquaintance with at least two people.

There was music and dancing between games so that all would have a chance to recover.

The Winners—Husbands?

The next event was feather volley ball, husbands against wives. It was played with volley ball rules but a one-inch feather had to be blown over the net. Husbands won 5-0 and as a consolation to the wives we decided that it just proved how windy men can be.

At this time the sedentary life led by Tech students began to catch up with them, but they were willing to undertake a relay race. Everyone was equipped with a soda straw and and was to pick a bean up by suction, move across the room and deposit it in a bowl. It seems that quite a few people were crawling about on the floor during this one.

No Hallowe'en party would be complete without the traditional ducking for apples and there was a big tub full of apples for those willing to try. One man forgot to remove his black paper hat and came up with a new complexion and hair coloring. Those who didn't duck for apples tried to reach a marshmallow in the middle of a string before their opponents by chewing on the string as they moved forward, no hands allowed. Incidentally that would be a fine exercise for a filibusterer.

Pie Eating Champ

The games ended with Art Burns, a former New Jersey pie-eating champion challenging Carl Olsen to an apple ducking contest. Art won hands down but we have a feeling those pie-eating habits helped.

Cider and doughnuts were served and at 11 P.M. the homeward trek started. It was a good party and full credit should be given to Gloria Cooke, Ruth Shaw, Marjorie Carrier and Barbara Baldwin. They did a swell job.

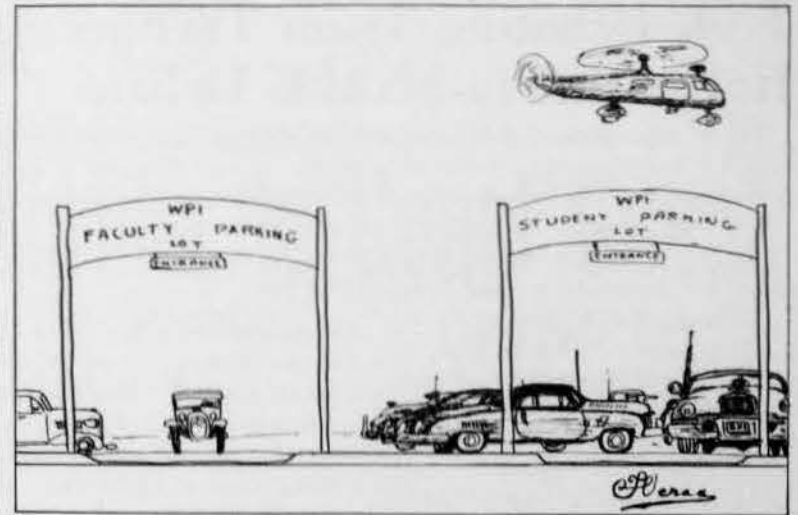
Our next meeting will be Nov. 18 in the Janet Earle Room. Please note that this is a change from the date previously announced.

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ON AND OFF THE RECORD

By JACK SAUNIER

Things are pretty tough in the band business these days; but they're not so tough that the leaders can't afford to be just a little bit choosy: it might appear that, rather than sink to playing a Worcester Tech prom, Billy Butterfield chose to junk his big band and relax with a little six-piece combo, playing for kicks and just about as much coffee and cakes (for him) as he was making with a big outfit. That may be a little extreme, but the fact remains that just as we were about to get the contract, Billy broke up his band, leaving us with a large, empty bag, rather than with the choice plum of the season. However, *toujours gai*,—there's life in the old boy yet.

Petrillo is in the middle again,—this time as the goat (but a vociferous one) in the fight between the nets and the FM boys, who are tiffing over the policy question of whether or not the nets should let the FM's use their music. The nets are pretty cool about it, since they don't own many of the FM outlets.

Look for a lot of Russian classical music this year,—some simply as political fanfare (celebrating the 30th anniversary of the revolution), but undoubtedly a good deal of worthy stuff from the pens of such modern greats as Prokofiev, Shostakovich, and "youngster" Aram Khachaturian, whose works have enjoyed great popularity in concert circles this past year. Igor Stravinsky (branded by the Soviets as a man without a fatherland) is taking the philosophical view and cashing in on his singable themes before departing this vale of tears, realizing full well that his melodies will be stolen e'er yet the bones are bare. "Summer Moon", lifted from the "Firebird", is the current attempt, and augurs well to clean up in the pop field.

All the turmoil in France isn't be-

tween the Rightists and the Commies, as a glance at the headlines would lead one to believe; in the background rages a rather trivial but none the less vitriolic rhubarb between the Delaunay and Panassie factions within the Hot Club of France. Panassie's stature is entirely derived from the fact that he wrote the first authoritative criticism of jazz,—he has progressed not one step since then; Delaunay is the energetic rallying point of European jazz today, the compiler of jazzdom's most complete and authentic discography, and a very nice guy to boot, albeit he is necessarily a good deal behind the times for one who calls himself a progressive.

Speaking of Frenchmen, we have a little fable to relate, which though written back in 1760, by one Denis Diderot, has a timeless truism in its moral. It seems a cuckoo and a nightingale were arguing their relative merits as singers, each claiming top rating, and belittling the other's ability. To decide the arguments, they enlisted the services of a jackass as judge and mediator, though he showed little interest in the job. After listening first to the repeated standard notes of the cuckoo and then to the wild and beautiful improvisations of the nightingale, who was so wrapped up in his imaginative art that he could hardly be stilled, the jackass yawned and said, "No doubt everything you, nightingale, have just sung is very beautiful, but I just don't understand it. To me, it seems bizarre, jumbled and incoherent. Maybe you know more than this other bird, but he is more methodical than you, and give me method every time."

We suggest that the name of the cuckoo might be Lombardo, the nightingale could well be Boyd Raeburn, and, just possibly, the judge might have been an engineer.

Interfraternity Ball

(Continued from Page 1, Col. 4)

committee to tear out its few remaining hairs and seek out another orchestra. The list of possibilities includes Boyd Raeburn, Sam Donahue, and Bobby Byrne. Look for posters on the bulletin boards in the near future.

Chaperones for the formal will be Dean and Mrs. Howe, Dr. and Mrs. Wilson, and Dr. and Mrs. Atwood, whom we expect will have as good a time as all the fraternity and non-fraternity men and their dates. Everyone is invited, and the only restriction will be the price of the ticket, probably \$4 or \$4.40, which may be purchased at any fraternity house two weeks before the dance.

All the fraternities are of course planning their own activities to fill in the few idle minutes of the week-end not occupied by the dance,

Chapel

(Continued from Page 1, Col. 3)

Great Britain's colleges and universities in adopting German universities. It has become the practice of the English schools to send any possible aid to the German schools in the form of material benefits for the advancement of German education. As suggested by Mr. Jones, an adoption by American schools of such a plan would indeed be expressive of the desire on the part of American students to further world peace and the principles of education.

basketball game, Round Robin, and—invariably—classes. We're hoping that the administration may sometime again permit visitors to Saturday morning classes; it strikes us as being good publicity and good policy, as well as an added insurance of attendance!

Tech Debating Team Trounces Holy Cross in SNAFU Debate

The debating teams of Holy Cross and W.P.I. met on the evening of Nov. 7 in the Janet Earle Room in Alden. The speakers were Henry Dickie and George Guerinot of Holy Cross, and Robert Lerner and Henry Oletz of W.P.I. The proposals discussed were: Resolved That a Federal World Government Should Be Established; Resolved That Man Is Not Capable of Overcoming His Many Prides and Prejudices That He May Achieve a Higher State. The judges were: Mrs. Flagg, former instructor at North High; Miss McDonald of the Worcester School Department; and Mr. Hollows, English instructor at W.P.I. Tech was voted the winning team, and George Guerinot was chosen best speaker. Tejinder Chaddha acted as chairman of the debate.

The Tech team, with Henry Oletz as first speaker, took the affirmative side of the Federal World Government issue. They defined a federal government as a state consisting of several states still retaining their identity. They argued that the plan, as exemplified by the United States, Canada, Switzerland, and others, is recommended by history; that, as proven by statistics gathered by polls, it is favored by the people; that, as shown by attempts in the forms of the League of Nations and the U.N., it is desired by the nations themselves. They proposed a world police force to assure compliance with world laws, and thus to obviate the weaknesses of the League of Nations and the U.N. Childish nationalistic quibblings, they said, are often responsible for serious international strains, and therefore nationalism must slowly

die out. Finally, they summed their argument as a proposal for a Federal World Government which would be able to decide individual and national affairs quickly, finally, and without bias.

The speakers from Holy Cross assumed the affirmative view of the Stuporman question. They showed an admirable strength of their convictions; for they set out to establish their argument in the faces of the two Darwins, Lamarck, Nietzsche, and Shaw. They said that a Federal World Government would detract from national sovereignty, and that they did not think the nations would accede to this. They said man is a product of national and individual pride, tradition, culture, customs, and prejudices, and that they did not believe man had the desire of or capability for the establishment of a world government. They professed a doubt as to the power of a world government to enforce its laws, and, even if such power were practicable, they felt that it was not right. They also said they had no faith in a plan which purported to reconcile such forces as democracy and communism. They concluded by saying that, though a Federal World Government might be an answer to the present problem, it is not necessarily so; and that, although not very satisfactory, it is better to keep the U.N. than to attempt anything uncertain.

The debate was well worth attending, for it both offered views which otherwise might not be considered and presented well known concepts in a way in which the average person might not have considered them.

Dr. George Henry Haynes Succumbs

Prominent Civic Leader Was Popular Author And Toastmaster

On Thursday morning, October 30th, Dr. George Henry Haynes, 81, professor emeritus of economics and government died at his home in Spencer. Formerly of 7 Otsego Road, Dr. Haynes was a member of the faculty at Tech from 1887 until his retirement in 1937.

He was born in Sturbridge on March 20th, 1866, and received his education in the public schools there and in Brimfield. After graduation from High School, he attended Amherst College, receiving his A.B. there in 1887. In 1893 he received his Ph.D. from Johns Hopkins, and in 1933, Amherst awarded an honorary L.H.D. in which he was commended "for your devotion to the high cause of education and your constant interest in the public weal." In 1944 Dr. Haynes was awarded an

honorary Doctor of Science degree by this school in recognition of his valued and faithful service to the Institute.

The civic contributions of Dr. Haynes were many: he was secretary and director of the Worcester Associated Charities from 1894 to 1920, and president from 1920 to 1923; a member of the Public Welfare Investigation Commission in 1929; director of the Free Public Library for 1929-30; and a member of the Committee to Study the City Charter in 1930. In addition he was a member of several nation wide organizations such as the American

Historical Association and the American Antiquarian Society.

At Amherst he belonged to Delta Kappa Epsilon Fraternity, and has since been distinguished with the keys of Phi Beta Kappa and Sigma Xi.

Dr. Haynes was also well known as a writer, his best known work being "The Senate of the United States." He also wrote on other phases of Federal Institutions and allied subjects.

The funeral service was held October 31st at the Central Congregational Church, the Rev. Dr. Harold G. Jones officiating.



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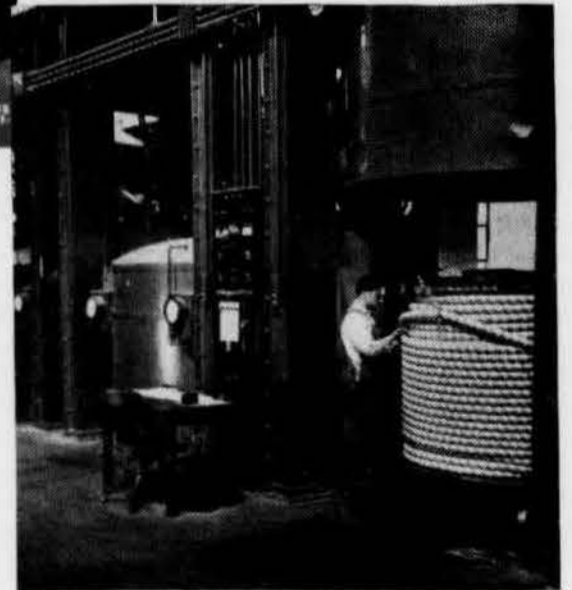


Speedway for new telephones

Here you see the "wind-up" of nearly two miles of overhead conveyor lines designed by Western Electric engineers for their vast new telephone-making shop in Chicago. As finished telephone sets near the end of the assembly and inspection line, an electronic selector unerringly sorts out six different types, directs each type down the right one of the six different chutes for packing and shipping. Not one second is wasted. This conveyor system is capable of handling 20,000 telephones per day.

Faster way to dry cable

Before getting its protective lead sheath, telephone cable must have every bit of moisture removed from pulp insulation and paper covering. To gain greater efficiency than the horizontal steam drying method, which used to take 24 hours, Western Electric engineers designed a battery of cylindrical vacuum ovens which are lowered over reels of cable. Electric current is then passed directly through the wires of the cable, heating it to 270°F. As much as 6 gallons of water is driven out of the insulation in just an hour and a half!



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Coffee Shop

(Continued from Page 1, Col. 4)

thus assuring every customer a really delicious cup of coffee. At present the price will have to be ten cents for coffee with sugar and cream and five cents for black coffee.

A Coffee Shop on the campus would provide an excellent spot for a student to see and talk over the affairs of the day with his friends as well as a chance to enjoy a good cup of coffee.

Assembly

(Continued from Page 1, Col. 5)

tague. He is Vice President of Norton Company, Member of the Board of Trustees and Executive Committee of the Worcester Polytechnic Institute, Chairman of the Worcester Municipal Airport Commission, and past President of the Alumni Association. His topic "What Does Industry Expect of the Engineering Graduate" was of a most necessary and compelling nature to the student.

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SPANNING THE SPORTS

By BILL JULIAN

"If," that little, but all-important word "if" was on every Tech man's lips last Saturday. "If only Howie Green could have made those two yards," and "if only Coast Guard hadn't scored on the punt runback," were the thoughts in every spectator's mind. And yet the score cannot be changed, and so the game goes into the records as a 13-8 victory for Coast Guard, but on the hill it will always be remembered as a game replete with thrills . . . as a truly great game, played by an injury-riddled, but undaunted Tech eleven.

The entire Tech eleven played outstanding ball. Howie Green gave a great performance, running hard and picking his holes well. Rick Ferrari was great, both offensively and defensively, and up in the forward wall, Carpenter on two successive plays roared through to nail the ball carrier in his tracks. Bob Carlson mixed his plays nicely and his booming kicks, despite the rain and a soggy ball continually kept Coast Guard back on their heels. The Iron Men like Capt. Melden, Ray Girard, Jim O'Reagan, and the Koldones were tremendous all afternoon. Chuck Rehrig and Dave Poulin at the ends turned in their best defensive play of the season.

The Freshmen who are out in force every Saturday at the "51" yard line are instilling a new spirit into the school—a spirit which is bound to bring a winning team next year. The entire first team with the exception of Chuck Rehrig will be back next year and will give Coach Bob Pritchard a seasoned team. Coaches Pritchard and McNulty have done a great job this year and the stage is set for a big season in '48.

This Friday the Sophs and Frosh are slated for the postwar revival of their once annual football game. This will be the third leg in the competition for the Goatshead, and the Freshmen, already victorious in the Rope Pull and the Paddle Rush, should continue their winning ways, with this corner picking them to win by three touchdowns.

With the football gear soon to be stowed away, all thoughts will be turned towards basketball and Tech's prospects for this year. Back from last year along with Capt. John Concordia are last year's starters Bob Carlson, Steve Ucich, Russ Bradlaw, and Russ Norris, together with such seasoned reserves as Jim McKernan, Rog Cromack, Buddy Dember, and Art Collins. Rumor hath it that there are at least a couple of Freshmen who really know their way around the hardwood court, and so indications for the coming season look good. Just how good, however, will not be known until the first game rolls around in early December.

Tech Bows To Trinity 34-7

Score First on Green's 34 Yard Run

Tech's 34-7 defeat at the hands of Trinity's undefeated football machine was another chapter in the saga of the conflicts between "a good big man" and "a good little man." The W.P.I. team, in the role of the "good little man", fought its collective heart out, and on occasions rose above its physical limitations to dominate the play. In the long run, however, the "good big man" came through in the traditional manner. Trinity had a seemingly inexhaustible string of burly linemen and hard running backs who alternated to wear down the crippled but courageous Engineers.

The Techmen started out like world beaters with Howie Green weaving and wriggling 34 yards for a touchdown before the contest was five minutes old. A beautiful quick kick by Bob Carlson had set Trinity back deep into their own territory and the Tech line held them there. Trinity punted on fourth down and

Green made a fair catch on the Tech 48. A short pass from Carlson to Dave Poulin brought a first down on the Trinity 37. Ferrari picked up three more yards on a cross buck and then came the climax of the drive with Green streaking inside right tackle to score. Ferrari converted via the placement route.

This 7-0 lead looked good to Tech partisans but the Conn. boys superior numbers soon began to tell on the Boynton Hillers. Using passes from Kunkiewicz to Pitkin and end sweeps as their chief weapons Trinity scored twice in the second and third periods and once in the fourth.

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Tech Loses Thriller to Coast Guard

Clock Proves To Be Greater Opponent Than Sailors

Howie Green Stopped On One Foot Line As Time Runs Out

Don't the gods ever smile favorably on Tech? Certainly the team deserved a victory over favored Coast Guard, yet when the final whistle of the thrill packed contest was blown, once again the Engineers were on the lower end of a 13-8 score.

In short, the team was terrific. The underdog, and certainly undermanned, the team outfought the heavier New London eleven by a good margin. Four of the starters, backs "Rick" Ferrari, Howie Green, and Ray Girard and lineman Don Kolodne played the entire sixty minutes.

Right from the opening whistle, the game was destined to be one of those that leaves you limp when it's all over. Midway through the first period, Ferrari electrified the crowd of nearly one thousand spectators by running through, around, and over Coast Guard to score from the Sailors' 33 yard line. But a back-in-motion penalty nullified the score, and for the remainder of the first half, the two teams took delight in pushing each other up and down rain-swept Alumni Field. Each team tried a field goal during this time, Ferrari for Tech from the 14 yard line, and Wetmore for the Sailors from the 8, but neither was successful.

The second half was a carbon copy of the first half in the way of thrills, but both teams settled down to the business of scoring.

The first time the New Londoners gained possession of the ball in the third period, they marched to the first score of the contest, with Hawkins bulling over from three yards out, seven plays after they had taken over the pigskin on the Tech 48 yard stripe. Wetmore booted the seventh point from placement.

It was the Engineers turn now, and it looked as if they were going right out to knot things up again. Taking the kickoff, they drove 46 yards to the Coast Guard 29. But there the only interception of the game threw a monkey wrench in the Engineers' attack, and Coast Guard took over on their 24. After an exchange of punts, Wetmore stepped back to boot on third down, on the Coast Guard 14. The Tech line, which had set back threat after threat by breaking through, broke through again, with Walt Kolodne and Jim O'Regan blocking the attempted punt. Wetmore recovered behind the goal, but the damage was done, and the score read 7-2.

In the final period, Howie Green, the diminutive Tech terror, showed Tech rooters that they had a team to root for. He raced a Wetmore

punt back eight yards to the C.G. 44. On the next play he put Tech in the lead by scooting through left guard and down the left field sideline for a score. The point conversion failed, but W.P.I. was ahead 8-7, with but five minutes remaining.

Words can't express the suspense and action that took place in these final few minutes. The Engineers, weary and weighted down by mud, repulsed once again a C.G. threat deep in Tech territory. With about two minutes remaining, Wetmore angled a coffin corner kick that rolled out on the six. After a running play had gained but one yard, Bob Carlson stepped back and booted the pigskin downfield. Taking the ball on the Tech 45, Vaughn jaunted down the right sideline through most of the Tech team for what proved to be the clincher. Score: Coast Guard 13, W.P.I. 8.

But the ball game wasn't over yet. With 90 seconds yet remaining, Tech took over. Four downs gave them a new lease on life in the form of a first down on their 46. And right there, with 22 seconds left, the spectators were treated to the kind of play you read about in Frank Merriwell novels. Quarterback "Whitey" Carlson, who had completed 6 out of 12 passes up to that point, stepped back to his own 40 yard line and let go. The pigskin soared through the air and landed in the eager arms of Howie Green on the Coast Guard 25 yard line. Howie pumped his short legs as he never had before in racing toward the goal, but he never got there, as two Sailors nailed him on the 1 yard stripe.

It was a dramatic finish to a game, and a season; but yet you can't help wondering if maybe we just don't live right!

TECH PREPARES FOR TWELVE HOOP GAMES

With no lull in the sports schedule, the football season closed last Saturday, and basketball practice began this week in preparation for the season's opener three weeks from Saturday. The team had informal practices last week, and the general call for candidates was issued last Monday.

- Dec. 6 Northeastern (home)
- 10 Brown (away)
- 13 Norwich (home)
- Jan. 10 Arnold (home)
- 15 Trinity (away)
- 17 Devens (home)
- Feb. 7 Univ. Mass. (home)
- 11 Boston U. (away)
- 14 Tufts (home)
- 21 A.I.C. (home)
- 25 Univ. Mass. (away)
- 28 R.P.I. (home)

GRIDIRON GOSSIP

You may see many a football game in your time, but I doubt whether you'll ever see a more exciting one than was played down on the muddy plains of Alumni Field on Saturday, November 9, 1947. The Tech players were tired and laden down with water but they fought back time and time again only to have victory snatched from their grasp by that old nemesis—time. Yes, old father time cheated Tech out of a well deserved victory as Howie Green was tackled on the one yard line.

We have to take our hats off to Howie Green and the rest of the squad for their valiant play. Green sparked the Tech drive the whole afternoon with his fine running. When Tech was behind 7-2, it was Green who ripped through left guard and raced 44 yards for the score. It was Green again who, with only 22 seconds remaining, caught a Carlson pass on the Coast Guard 25 yard line and raced for pay dirt with the time running out; but he was tackled with the goal line within arm's length. Little Howie Green suffered a sprained ankle on this play but it didn't hurt nearly as much as the taste of defeat. As Green lay on the goal line, all the Tech fans, together with the players and Coach rushed down onto the field to see if Howie had scored. Yes, the spirit of the team was reflected by the actions of the student body. The loyal fans sat in the rain and cold up to the last minute of play.

It is hard to single out the individual players for outstanding play because they were all terrific. "Big Ed" Carpenter, playing defensive left end, nailed Coast Guard backs for consecutive losses in the final quarter. He seemed to reach the ball carrier before the ball did. "Rick" Ferrari, with a supposedly infected toe, looked like another Glenn Davis when, in the first quarter, he raced 33 yards into the end zone, only to have the play called back for a penalty.

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Mass. U., Harvard, and Tufts Defeat Tech Booters in Final Contests

Tech was rated with a chance to defeat Mass. University as they battled to a 0-0 tie in the first half on Alumni Field. However, the team folded up in the last 30 minutes when the visitors scored three times to win 4-1.

The third quarter found the two teams playing for keeps. Mass. University was the first to find the net as center forward, Gerardo booted in the ball during a mad scramble in front of the Tech goal. However, it took little time before the count was evened when Skeffington kicked a hard smash past the goalie from outside left. It looked like the Engineers were on the move as they threatened consistently the next five minutes, but faulty kicking and passing by the forward wall proved costly.

The third quarter saw a cheap goal made by the visitors' left halfback, Richardson. He kicked the ball high in the air, and when goalie Bill Collings misjudged it, the ball bounced over his head into the net untouched. Mass University regained their aim as they sewed up the game in the last quarter, thanks to successive goals by Gerardo and Carew.

After a defeat a few days previous, the Engineers were downed at the hands of a favored Harvard eleven 8-0. Being entirely outclassed by excellent passing and deception on the part of the Harvard players, Tech saw the visitors take the lead in the first two minutes of play. Coach Hig-

ginbottom was forced to use second string men in some of the positions due to injuries, but they proved to play an excellent game. It was only due to the power of Harvard that caused the loss.

Tech tried to end the season with a win over Tufts but were downed by the Blue and Brown 5-1. The Engineers and the visitors clashed in mud and rain as the opposition went ahead 1-0 midway through the first quarter. The goal was an unusual one as Steele kicked the ball through on a corner kick.

The Crimson and Grey fought hard booting the rain-soaked ball nearer to the goal. After several unsuccessful attempts, Underwood drove the ball into the net. However, the goal was nullified as a penalty kick was called against Tufts. With only the goalie and accurate kicking against Underwood, he booted the ball high and straight away. The ball struck the crossbar, but Al DeLoid netted the goal by kicking in the rebound. And so ended the first half, a new ball game, tied at 1-1.

The second half showed Tufts to be the superior team as captain McKinley stole the show. He sewed up the game himself by scoring the third, fourth and fifth goals.

The player of the season goes to Sophomore Ozbas, who was the spark-plug on defense and offense.

Freshmen and Sophomores Play Football Saturday

The football season officially winds up on the Tech campus this Saturday when the freshmen and sophomores engage in their annual football game in competition for the goat's head rivalry. The two teams will go through their final practices during the week in preparation for the big game. At the present time, the freshmen ap-

pear to be odds on favorites to capture this contest, and thus insure their position in capturing the traditional goat's head.

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