

The Tech News

Volume LVI

Worcester, Massachusetts, Thursday, December 9, 1965

Number 10

P. W. BROUWERS IS TAKEN BY DEATH

was alumnus--former teacher and trustee

Mr. Peter W. Brouwers, a former trustee and alumni, died at the age of 74 in his home on November 21 1965. He lived at 947 Park Ave., Cranston, R.I.

Mr. Brouwers was a 1955 term member of the Board of Trustees, at Tech under the famous late Mr. Philip M. Morgan. He was also an outstanding student as well. While at Tech, he became a member of Tau Beta Pi and Sigma Xi honor fraternities. Mr. Brouwers was a prominent participant in various civil organizations.

He was the past president of the Providence Engineering Society, chairman of the Providence Section of the American Society of Electrical Engineers, past president of the Rhode Island Life Member club of the Telephone Pioneer and a member of the Telephone Pioneers of America.

Mr. Brouwers was born July 17, 1891 at Stiens, Friesland, the Netherlands. At the age of twelve his family immigrated to America in 1903 and settled in Whitinsville, Mass. After graduating from High School, in 1909, he attended Tech and graduated in 1913 with a civil engineering degree. For the proceeding two years he taught mathematics and surveying at Tech. Thereafter he joined the Bell Telephone Co. of Pennsylvania. In 1925 he transferred to the New England Tele-



phone Co. of Metropolitan division in Boston and then to Providence in 1929 as division plant engineer for Rhode Island and southeastern Massachusetts. He retired in 1956 from his position as outside plant engineer.

TECH SENATE POLL RESULTS RELEASED

Response To Questionnaire Less Than Expected

Results of the Tech Senate poll concerning various campus activities and attitudes have finally been compiled and released to the student body. The poll was circulated in an issue of the TECH NEWS last spring with hopes of collecting the opinions of the student body and faculty on what have been very controversial topics at Worcester Tech.

The response to the questionnaire distributed last year was not as great as expected. Only 160 questionnaires were submitted and of these 160, many questions were unanswered.

In answer to the first question which was whether the ROTC program at W.P.I. should be voluntary, 119 answered "yes" while 41 answered "no." Of the 160

that answered this question, 30 are or will be members of the Advanced Corps of ROTC.

Although many questionnaires contained no answer to the question concerning the elimination of courses or addition of new courses, the majority of those who answered "yes" felt graphics and descriptive geometry should be eliminated. However, there were a surprising number who were satisfied with the present freshmen courses.

Fifty-five felt that a fee for the yearbook should be included in each year's tuition, while 105 felt it should not. This itself shows the lack of interest in the yearbook.

The ID cards issued this year gained much support even before their proposed issuance last year. One hundred five were in favor of the issuance of ID cards with picture and complete description, while only 55 felt they were unnecessary.

Perhaps the most important question on the whole questionnaire was what type of speaker students would like to hear at the college day assemblies. The majority of those who answered favored sports and entertainment assemblies. A few of the suggestions given were Jim Brown, Paul Harvey, Hugh Hefner, and Donna Michelle.

In regard to a FM campus radio station as a Student Activity, there were 120 answers in the affirmative, while only 40 answered they would not support the station.

The question concerning the freshmen Orientation indicated the freshmen Orientation program definitely needs changes. One hundred ten felt the program should be improved, while only 40 were satisfied with it. The major complaint was that there were too many speeches.

As to the future of Tech students, 83 plan to enter engineering, 20 business and sales, 43 graduate school, and 10 plan to enter other fields.

One hundred twenty-five stated they would support student sponsored social events such as big name entertainment, while only 7 stated they would not.

The question that was most

closely contested was whether students would support a periodic get-together of students and faculty on an informal, social level. Fifty-four answered "yes," while 72 answered "no."

Eighty-one students felt that the school spirit at W.P.I. was less than that at other colleges, while 6 stated it is greater, and 40 stated that the spirit was about the same. Some suggestions made were more free time, and more scholarships in order to build better teams.

Out of the 160 who submitted questionnaires, only 40 answered that they were not involved in any school activities.

Of those who answered the last question, 11 were of the class of '65, 29 of the class of '66, 33 of the class of '67, and 56 of the class of '68. One hundred thirty were undergraduates, 2 graduate students, and 1 faculty member.

Questionnaires

- | | | | |
|--|-------------|------|-----|
| 1. a) Yes | No | | |
| 119 | 41 | | |
| b) 30 are or will be members of Advanced. | | | |
| 2. Although many questionnaires contained no answer for this question, the majority of those who answered "yes" felt graphics and descriptive geometry should be eliminated. However, there were a surprising number who were satisfied with the freshmen courses. | | | |
| 3. Yes—55 | No—105 | | |
| 4. Yes—105 | No—55 | | |
| 5. Although very few suggestions were given as to particular speakers, the majority seem to favor sports and entertainment assemblies. | | | |
| 6. Yes—120 | No—40 | | |
| 7. Yes—110 | No—40 | | |
| 8. Engineering 83 | Business 20 | | |
| Grads 43 | Other 10 | | |
| 9. Yes—125 | No—7 | | |
| 10. Yes—54 | No—72 | | |
| 11. Better teams, scholarships, less burden so may attend activities, | | | |
| Less | More | Same | |
| 81 | 6 | 40 | |
| 12. 40 are not in anything. | | | |
| 13. '65 | '66 | '67 | '68 |
| 11 | 29 | 33 | 56 |
| 130 undergraduates | | | |
| 2 graduates | | | |
| 1 faculty. | | | |

A.I.C.H.E.'S TOUR N.Y.C. COLISEUM

Tuesday and Wednesday, November 30, and December 1, were spent by the junior and senior chemical engineers of Worcester Tech in New York City. As members of Tech's local chapter of the American Institute of Chemical Engineers, they visited the 30th Exposition of Chemical Industries at the New York Coliseum in addition to touring the production facilities of Esso's Bayway refinery and Merck's Chemical Manufacturing Division.

Leaving Tech at 6:45 a.m. Tuesday the excursion, under the direction of Dr. R. E. Wagner, the A.I.C.H.E.'s faculty advisor, made its first stop in mid-Connecticut for breakfast and then continued on to the William Sloane House Y.M.C.A. in the city. After arranging accommodations for that evening, lunch was taken and individuals gradually made their way to the Coliseum. The exhibits were arranged over four floors; each being sponsored by individual companies dealing in the chemical engineering line. Admission to the exhibit was limited to those working in related jobs and students; everyone was required to wear identification badges.

BLEED-IN

The annual blood drive at Tech will take the form of a Bleed-In for the fighting men in South Vietnam. The drive, being held under the auspices of Alpha Phi Omega, will be held on Monday, December 13 in Sanford Riley Commons. The American Red Cross will run the affair.

The Tech Senate trophy for outstanding fraternity participation will be given by Alpha Phi Omega to the house with the highest percentage of brothers donating blood. The trophy hasn't been given since 1963 and will remain under the jurisdiction of Alpha Phi Omega.

The program was originated and carried through by Dennis Murphy, a freshman. All blood drives in the future will also be held under the auspices of Alpha Phi Omega.

Tuesday evening was left to the individuals, who sought entertainment in numerous of New York's social facilities. Those spots visited ranged from the Museum of Natural History to the Madison Square Garden, from the various nightclubs to the Key Club, from live T. V. broadcasts to Broadway productions. After a night on the town, everyone finally made their way back to the Sloane House in time to be awakened at 6:00 a.m. for breakfast and departure.

Experiencing limited difficulties, the entire group boarded buses which proceeded to the Bayway division of the Esso company, located in Linden, New Jersey. Dr. Joseph Mountain, an Esso interviewer, had prepared a program for the group's visit. First off everyone assembled in the plant's auditorium to be briefed by certain of Esso's chemical engineers. Again the buses were boarded and they proceeded into the refinery, each under the guide of two Esso men. The guides dismounted and led their groups through the control rooms and outdoor facilities of two separate refining processes. After the tour, the entire assembly was treated to lunch at the

(Continued on Page 5)

Masque Play At Alden Dec. 14

In addition to its annual presentation in the Spring, each term the Masque produces a one-act play. On Tuesday, December 14, at the 11:00 morning assembly in Alden Memorial Auditorium Tech students will have the opportunity to be entertained by the first of these without charge.

The play is a comedy entitled *A Night in the Country*, and was written by Betty Smith and Robert Finch. In it the Honeywinkles, a young couple from the city, decide to visit the country for the week-end. The scene is a summer cottage at Lake Ronny-tonko, about fifty miles from New York City and Brooklyn, and the plot concerns the problems encountered by the Honeywinkles. Searching for a corner grocery store, the lack of modern conveniences and midnight visitors are a few of their humorous misadventures.

The play is directed by senior Bruce Sturtevant who is aided by faculty advisor Mr. Trask. Freshman Zib Drellich portrays Al Honeywinkle, and freshman John D. Cattel and sophomores Warren Bentley and Henry De-Ronck also star in the performance.

I. F. WEEKEND SCHEDULE

FRIDAY:

9 P.M. - 1 A.M. I. F. Ball

SATURDAY:

2 P.M. - 4 P.M. Junior Class Hootenanny
6:30 P.M. Freshman Basketball
8:30 P.M. Varsity Basketball

Editorial

Activity Points....

....Are They Justifiable?

The human being has a definite psychological need for diversion. Everyone should have some type of hobby or participate in an activity of some kind. These serve as a healthy form of recreation for both the body and mind. People generally participate in an activity in the same way that they would entertain themselves with a hobby. Presumably they have chosen to participate because they enjoy the pastime and are willing to assume the responsibility which membership in an organization naturally entails. Taking this into consideration, then, the activity point system seems to be a rather useless and even foolish innovation.

Activity points, on this campus, perform two functions. First, they reward a person participating in an activity. The question immediately arises, "Why should a student expect a reward for pursuing an interest?"

Secondly, the present system puts the entire activity theory out of perspective. Students now join only to accumulate points. This serves only to weaken the individual activity, and produces a large but very mediocre membership.

We are firmly convinced that the activity point system serves no useful purpose and is rather a detriment to every organization on this campus. Students should come to the realization that their participation in an activity should be encouraged by nothing more than a genuine interest in that activity, and not the awarding of a few ridiculous points which in reality mean absolutely nothing.

G. G. C.

Letters To The Editor

After reading two articles entitled, "Racing News Reviewed" and "Sports Car Rallies", I feel it is time your racing and sports car expert, Rick Alpert, was corrected on a few points in the two articles.

I feel I am quite qualified in correcting four obvious errors in the first article, "Racing News Reviewed," as I was an entrant in the mentioned event and finished second in my class. The most obvious error to me (and I'm sure to anyone else who may have entered the event) was the diagram of the M.G. Car Club's "Pumpkin Panic Gymkhana" which appeared along with the article. He has drawn the car as entering the second "series of esses" by going to the right of the first pylon. This resulted (in the diagram) of also going around the next three pylons the wrong way. Depending on the disposition of the Gymkhana Master, this would result in a minimum penalty of thirty seconds; the first pylon should have been encountered by driving to the left of it. The second error was, "each contestant is given three runs." While this was the intent of the Club's Gymkhana Master, Allen Beddoe, time and the extreme cold did not permit a third run, and the winners were determined by the smallest elapsed time of the two runs. Thirdly, the event hardly, "...held host to approximately 60 cars," as there were exactly 39 entrants. Lastly, nothing could be further from the truth than statement that the gymkhana's appeal was to all drivers who, "want to see what'll happen if I really open her up." I would wager that none of the cars which entered the gymkhana ever got above 45 mph... hardly a fitting indication of what most cars will do if "opened up". I feel the appeal of a gymkhana lies in the fact that a driver is pitting his (or her) driving skill against that of another driver, and not his car against another car. I think everyone would agree that a Sunbeam Tiger (finishing second in class A) is a much faster car than an M.G. Midget (class C in this race), yet on an elapsed time basis my car was 5.69 seconds faster than the Tiger. By driving skill I do not mean the skill acquired by entering many gymkhanas, but the skill (alertness, judgment, and reflexes) which one has been acquiring ever since learning to drive. Your car may be fast, but if you continually knock over pylons or misjudge the stopping distance of your car, you will never carry away a gymkhana trophy.

My criticism of Mr. Alpert's second article, "Sports Car Rallies", consists of two minor points. The first concerns the definition of "evasive action". On the clue sheets of the three rallies (or rallies, if you happen to be a purist) I have entered, and from the books I have read on the subject, evasive action was defined as: stopping or slowing down more than 10 mph below the speed at which the clue sheet says you should be traveling at, when in sight of a checkpoint. Obviously, the severe penalty for evasive action was imposed to discourage the "hot-shot-schemers" from driving above the clue sheet speed; stopping or slowing down within sight of a checkpoint to lose the appropriate amount of time; and then scooting across



THE COLLEGE COLUMN

By Robert J. Coates

Colby College is having food problems as one student expressed it in *The Colby Echo*. The main complaint he says "is probably the most easily observed fault, lack of variation. The "Salisbury steak incident" immediately comes to mind. Within the last thirty-two post noon meals (lunches and suppers) Salisbury steak has been served nine—count em—nine times. (Although often called meatloaf and other various names. This stated differently is nine times in sixteen days. It has also been noted that since the September complaints of too much spaghetti and macaroni, spaghetti was not served for six—count em—six weeks not even once. Then something 'exploded' and spaghetti was served four out of six post-noon meals. Judging by previous statistical proportions I expect that Salisbury steak will be extinct for the next nine weeks (Though this will be assuredly welcomed.)"

This student also noted the bureaucracy with which the food is served. "It is an awfully poor situation when a student enters the unions (as on Friday evening, November 12) and cannot be served carrots because he has chosen to eat fish. Although the carrots are prepared and standing there (not to be taken literally of course) they were only to be served with corned beef." He also mentioned, "The sausage red tape incident" stating, "A student may return for seconds, thirds, etc. for any course including sausages. Yet only four tiny sausages can be served in the first helping, thus creating the annoying average of over three trips necessary to the counter to secure a decent meal."

Enough of food and on to Becker. They seem to be having drop-out problems over there as six girls have left school during the first quarter. The rigorous academic schedule amazingly enough was not among the reasons for the girls' departures. According to the *Becker Journal* and their Dean Fleming, "One left because of excessive cuts, another because 'she wanted to get married.' A third because she was suffering from mononucleosis, and still another left because her mother felt that campus life at Becker is "too dull." That's only four, maybe campus life was too wild for those two, but that remains to be seen.

From *The Tech* of M.I.T. comes the report that "Dr. Kinsey of Indiana University's Institute for Sex Research announced that a study is planned on 'sex in college.' Reported the *New York Times*: It hopes to lighten its staff's load by training the students to do much of the field work on that one."

the checkpoint, at or very close to, the correct time. My other point of criticism lies in the fact that a reader of Mr. Alpert's article might be under the impression that all rallies had only three checkpoints. This detail is entirely up to the Rally Master, and is usually governed by the length of the rally and the number of people working on the rally. It takes at least a time-keeper and a scorer to set up a checkpoint, and while it is true that many of the smaller club rallies have two, three, or four checkpoints, many of the larger club and inter-club rallies are found to contain eight to twelve checkpoints.

In closing, I did not intend to belittle Mr. Alpert's efforts in writing these two articles. I think these articles were of interest to any car owner and if their purpose was to stimulate interest in these two events on the part of the novice, the articles did just that. However, I merely wanted to correct some false statements and make some points of the articles a little clearer.

Pete Gray '66

Mr. Moran:
I would like to point out to Mr. Morse; who wrote in the November 18th issue of "Speak Up

—I Can't Hear You," that he felt that the theory of man's existence on earth as a temporary testing period in which man can gain the right to eternal happiness, was "absurd"; that his reasoning is not based on a sound, logically built, academic argument.

Mr. Morse said, "This situation, or rather plight, of man is absurd because all men do not spend the same length of time on earth in which to prove themselves, and all men are not brought up in the same or identical environment."

In labeling as absurd the concept that man's life on earth is a testing period, he has taken a stand in direct opposition to some of the leading philosophical minds of the past. Augustine in his *The City of God* and Aquinas in his *Summa*, developed the concept of a life after death and man's earning his right to heaven. If Mr. Morse objects to these writings on the grounds that they are by Christian authors, then I remind him that Plato, a pagan thinker associated with no religion, clearly developed in his "Vision of Er" the idea of man's earning some type of eternal happiness.

The first argument—that concerning the unequal amounts of time—falls by the weight of its (Continued on Page 4)

In Next Week's Issue:
A discussion of collegiate judicial systems and their applicability to Worcester Tech.

TECH NEWS

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Y.A.F. AT TECH

Recently, the increased number of demonstrations against our foreign policy has caused an uneasy feeling toward youth groups. We tend to think of each group as definitely on the extreme, right or left, of the political scene. There are, however, many groups that support the contemporary administration wholeheartedly. The Young Americans for Freedom is such a group. The YAF is an organization for young conservatives and draws its members from many major colleges and cities across the United States.

About two months ago, a few students at Tech felt the need for a Y.A.F. chapter and went ahead to form such a chapter. Chairman Roger Pryor, '68, explained the Y.A.F.'s main function as "a source of information for the general enlightenment of the student body. We gather information concerning national policy, state and local government, etc. and present this material to the students so that they can form their own opinions as opposed to the opinions given in newspapers or periodicals. We hope that the enlightened student body can in turn pass on this information to others in the hope of creating an informed public and effective voting." Along these lines, the Y.A.F. sponsored a speaker on Tuesday, December 1, during the ROTC period. The speaker, Dan Joy, reaffirmed the need for effective and informed leaders in his topic of "The Role of Youth as Leaders."

The guiding principles of the Y.A.F. can be found in the Sharon Statement. Here it is stated that basically the Y.A.F. is for free enterprise, freedom of the individual, constitutional government, a strong free America and against Communism, Fascism, racism, and Socialism. The Y.A.F. is therefore dedicated itself to the task of learning about the practices and ideals of these "isms" and passing this information on to the public. The advisor to Y.A.F., professor Donald Howe, supports these motives in that "the most opinionated persons are the ones that know the least. We believe that we must look into the issues before making an opinion."

Many of our leading statesmen and citizens support the Y.A.F. completely. Senator Strom Thurmond feels that "Young Americans for Freedom is the most responsible, effective, energetic conservative youth group in the United States. The vital work that these young people are do-

ing is without a doubt the most encouraging sign on the American political scene today."

Presently, the Y.A.F. at Tech has eight members, with Roger Pryor as Chairman and Allen Griswold '67, as vice-chairman. Chairman Pryor also related that there is another conservative organization on campus in the W.P.I. Conservative Club. "This club is like the Y.A.F. in that it presents the facts to the students but different in that it must do its own research being a local organization, whereas the Y.A.F. is nationally active and can benefit from the research of many noted political scientists and statesmen."

The Y.A.F. is then, very much pro U.S. in its philosophy. It travels the middle of the road and believes it must inform the public on the major issues confronting us and "That we will be free only so long as the national sovereignty of the U.S. is secure, that history shows periods of freedom are rare, and can exist only when free citizens concertedly defend their rights against all enemies."

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CAMPUS INTERVIEWS — DECEMBER 17, 1965

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Letters to the Editor

(Continued from Page 2)

own illogicality. An examinee is in no position to tell the examiner how he wants to be tested, what he wants to be tested on, or how long the examination should be. Even at Tech on examination, final or otherwise, may consist of five questions one year, ten questions the next year, and twenty questions another year. It is completely at the discretion of the examiner to determine when an examinee has proven himself.

The second argument—that of environment—is also illogically based. The concept of "Charity in Voto" which has been developed through the centuries clearly defends the belief that God's judgment is regardless of what environment man is exposed to. The concept of "Charity in Voto" is explained and developed in the fore mentioned works of Augustine and Aquinas. However, if a more modern explanation and development is desired I suggest *Le Phenomene Humain* (The Phenomenon of Man) by Teilhard de Chardin, who is considered by many modern scholars to be of the same stature as Plato, Augustine, and Aquinas.

In summary, I would question the logic that Mr. Morse used in coming to his conclusion that the concept, of man's life on earth as being a testing period, is absurd. The issues are complex and do not lend themselves to easy solutions—and perhaps here is the essence of my contention with Mr. Morse—he has dealt with the world and humanity as it faces the great question of the hereafter, a problem of monumental complexity, with the simplicity of a young school lad—overconfident in his own thinking.

Steve Walsh

HOOTENANNY

The Junior Class, faced with the annual problem of building up their Junior prom fund, has turned once again to presenting a Hootenanny. It will be held in Alden Memorial at two in the afternoon, Saturday, December 11. "Seating" will once again be provided by mattresses or, for those souls who can't take their folk music lying down, chairs which will line the sides.

Skip Thune, who is in charge of this year's Hootenanny, pointed out that there isn't going to be a lack of talent and expects entries from groups and singles from the dorms, fraternity houses and from Clark University. Competing again this year will be "The Freshlads", last year's winners. Three cash prizes will be awarded to the winners; \$25 for first, \$15 for second and \$10 for third.

In the first round of competition, each group will perform three songs. Then there will be an intermission as the judges (members of the faculty) narrow down the field. During this intermission and the one during the final judging, the mattresses will be pushed aside for dancing with music supplied by "The Kings VI." In the final round, each remaining group will have an opportunity to sing two more songs.

Tickets cost 99 cents and can be obtained from a representative in each of the fraternity houses or from the dorm counsellors. George Batten is in charge of all dorm sales.

The student body is reminded that all profits go directly to the J.P. fund and a large support of the Hootenanny will insure a great J.P.

PLACEMENT NOTICES

Friday, December 10

The American Appraisal Co. 2nd Day.
The Trane Co. All eng'g. depts. (Two schedules).
The Travelers Insurance Companies. MATH.
Emhart Corp. EE ME
Griffiss Air Force Base. EE ME PHYS.
Gillette Safety Razor Co. Ch.E ME.

Monday, December 13

The Atlantic Refining Co. CHE.
American Optical Co. EE ME PHYS.
Colgate-Palmolive Co. CHEM CHE. EE MGT ME.
E.I. du Pont de Nemours & Co. All depts. except CE.
E.I. du Pont de Nemours & Co. CE.
Union Carbide Corp., Carbon Products Div. CHEM CHE. CE EE ME PHYS.

Tuesday, December 14

E.I. du Pont de Nemours & Co. 2nd Day, all depts. except CE.
E.I. du Pont de Nemours & Co. 2nd Day, CE.

Orange & Rockland Utilities Inc. CE EE ME.
Leeds & Northrup Co. CHE EE ME PHYS.
Rex Chairbelt Inc. CE CHE EE ME.
Department of Health, Education, and Welfare. CH CHE (MS in CHEM PHYS).

Wednesday, December 15

E.I. du Pont de Nemours & Co. 3rd day, all depts. except CE.
Bell System (Telephone Companies) CE EE MATH ME MGT PHYS.
New England Telephone Co. A.T.&T. Co.—Long Lines.
Bell Telephone Laboratories.
New Jersey Bell Telephone Co.
New York Telephone Co.
Bell of Pennsylvania.
So. New England Telephone Co.
Western Electric Co.

Thursday, December 16

Bell System. 2nd Day.
The Johns Hopkins University, Applied Physics Laboratory. EE MATH ME.

IN PERSON
Peter, Paul and Mary



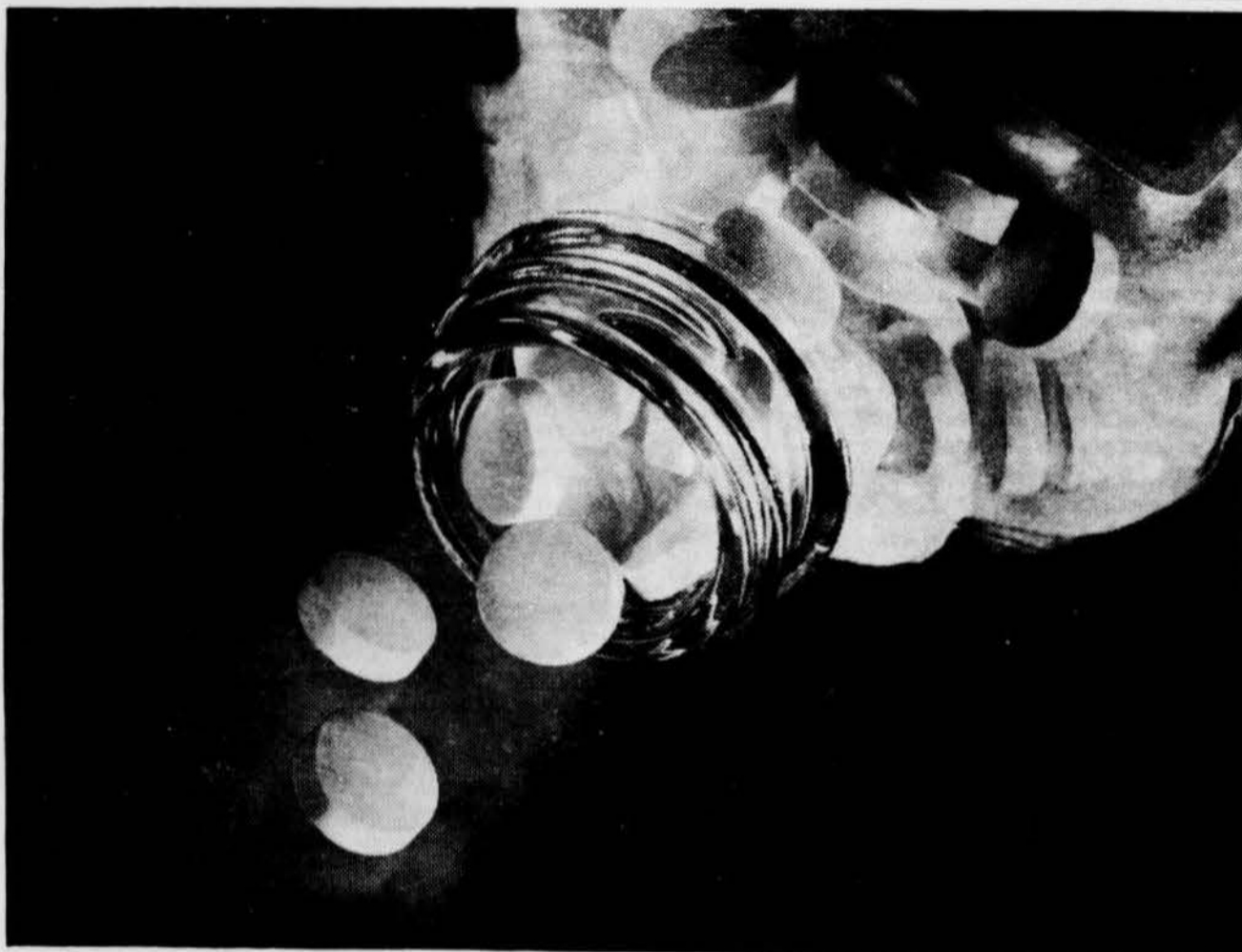
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SPORT SLANTS



Winter sports activity got into full swing for W.P.I. last Saturday with the wrestling and basketball teams opening their 1965-66 seasons. The wrestling squad bowed 25-16 to the University of Rhode Island, but with a little more experience they could have a winning year. The basketball team lost, 94-91, to Lowell Tech for the first time in many years. However, the Lowell Five was much better than they have been in the past.

Marty Koski, Cary Palulis, Bob Locke, and captain Ron Tata were the winners for the Tech grapplers in the nine matches with U.R.I. Sophomore Palulis, who is competing in wrestling for the first time, was very impressive and could be a big help to the Engineers this season.

Junior Don Lutz, and sophomore Kevin Sullivan, led the offensive attack which proved to be the strongest part of Tech's basketball team this Saturday. The Engineers showed they missed junior Ray Rogers, one of the top rebounders on last year's squad, as Lowell outrebounded Tech 62-35. Ray is recovering from a knee operation and will be returning after the Christmas vacation.

The basketball team plays Army this Wednesday at West Point. Army finished third in the National Invitational Tournament last season. It should prove to be interesting to see how Worcester Tech sizes up to a major basketball power. The Engineers must also face Boston University this Saturday at home in another tough game. B.U. surprised a strong A.I.C. team last Saturday, by romping over them by more than 20 points.

The swimming and hockey teams open their seasons this week. The swimming team, coached by Frank Grant, is at home against Trinity on Tuesday night at 8:00 p.m. The hockey club opens at Worcester Arena on Wednesday night at 9:30 p.m. against Worcester State.

The Associated Press has named two Worcester Tech football players honorable mention on the Little All-America team for 1965. They were sophomore quarterback John Korzick from North Haven, Conn., and halfback John Turick from Ansonia, Conn.

Korzick ranked seventh nationally and fourth in New England in passing, and Turick ranked seventh nationally and second in New England in pass receiving.

The National statistics were based on the number of completions and the number of receptions while New England statistics were based on total yardage.

The annual Fall sports banquet will be held on Monday, Dec. 13th. The main speaker will be Jim Miller, who is the head football coach at Boston College.

ATHLETE OF THE WEEK

A senior and captain of the wrestling team, Ron Tata, has been selected as athlete of the week by the sports editors. Ron, who finished third in New England last year in the 167 lb.-class, started the season by pinning his opponent from U.R.I. early in the third period of the 167-lb. match. He was holding a slight edge over his tough opponent at the time.

Tata was also a starting tackle on this year's football team. He was the only lineman to start on offense and defense the whole season. Despite his small size, he was capable of handling much bigger opponents.

G. R. S.

ENGINEERS DROP OPENER, FROSH WIN

VARSITY

The Worcester Tech varsity basketball team lost its first game of the current season Saturday night by a score of 94-91 to Lowell.



SULLIVAN SHOTS

ell Tech. The game was a free scoring offensive contest. At half time Lowell led by a score of 53-48.

The second half saw both teams scoring frequently. However, neither team was able to build up a substantial lead for long. Led by Don Lutz, Worcester built up a 5-point lead in the last few minutes of play. But Lowell

scored eight straight points and won 94-91.

Lowell displayed a well balanced attack with all five starters hitting for double figures. Houde scored 22, Hay 21, Brown 21, Roper 15 and Bullock 13. Lowell's rebounding leaders were Brown with 19 and Bullock with 9.

Tech's scorers were paced by Sullivan with 29, 19 coming in the first half, and Lutz with 23, 17 in the second half. Also Nims with 14, Pleines with 12, and Penoncello with 7.



LUTZ LAYS IT UP

The locals held an edge in shooting percentage as they made 39 out of 78 from the floor and 13 out of 18 free throws. The visitors hit on 37 out of 92 field goals and 20 of 35 from the line.

However Lowell outrebounded WPI 70-44. Moreover, Worcester committed 26 personal fouls while Lowell only made 15.

FROSH

The 1965 version of the Tech Frosh basketball team under Coach Bob Devlin posted its first win, defeating the Lowell Tech Frosh, 81-69. At no time was the outcome in much doubt as Tech displayed too much defense for the visitors to handle. Utilizing 6-5 Tom Gurney and 6-3 Ken Kopka the Engineers were controlling the boards throughout the game and went ahead 41-26 at the half.

The second half ran much the same as the first, as Lowell Tech's offense never got going. Throughout the second half Coach Devlin substituted freely getting a good look at all of his players. Top scorers for Tech were Tom McAuliffe with 20 points and Tom Gurney and Ken Berube with 13 apiece. The Frosh's next meet will be against Boston University.

TOUR COLISEUM

(Continued from Page 1)

Esso research center by Dr. Mountain.

Following U.S. 1 to Rahway, New Jersey, the buses then stopped at Merck & Company's Chemical Manufacturing Division. Merck's plant manager welcomed the group and split it up among six tour leaders. This plant being smaller than Esso's was covered on foot; as in the Coliseum, everyone was required to wear a badge of identification. Nearly all of the processes were explained in detail by the guides and process managers. Following the tours, everyone assembled to be briefed. Mr. J. R. Weiss, a Tech graduate, was then introduced and he related some of his experiences with Merck.

After having completed the previous visit, everyone boarded the buses which began their homeward trek. At approximately 10:00 p.m. Wednesday the excursion returned to its point of departure, thus ending the 1965 A.I.Ch.E. field trip.

WRESTLING TEAM BOWS TO U. R. I.

Worcester Tech's wrestling team hosted the University of Rhode Island in its home opener with a close and hard-fought loss, 25-16.

In the 123-lb. class Marty Koski dominated Smith of the visiting Rams as he scored on a takedown, a reversal, and riding time.

Tech's second win came from the efforts of newcomer Cary Palulis. Again it was Tech who dominated the play as Palulis scored on a takedown escape, a predicament and riding time.

In the 133-lb. class, the Rams of URI finally put themselves on the scoreboard as Federici soundly defeated Tech's Roger in a fine display of wrestling ability. He scored on a takedown, two near pins, on escape, and finally got the visitors 5 points on a pin. The score was then Tech 6, URI 5.

Next came Tech's favorite Bob Locke who was to take on a game Lambutti of the Rams. It was Locke all the way but only a determined show of strength kept Lambutti out of danger. Then as a previously sprained ankle took its toll on the visitor Tech was awarded the match by default. This made the score 11-5 Tech.

In the next two matches it was the Ram's Carlsten brothers that dominated the play, both pinning their opponents Russ Bone and George Pomfret, respectively.

The next match featured Tech captain Ron Tata vs. Rallis in the 167-lb. class. The match started quickly as Tata scored on the

initial takedown. But then things slowed down. It wasn't until the beginning of the 3rd period that the crowd came alive, when Ron reversed his opponent and quickly pinned him. This put Tech back into the lead 16-15.

However, all Tech hopes of victory were crushed as the Rams roared back with back-to-back pins in the 177-lb. and heavy-weight classes.

It was Nordstrum of the visitors who pinned Jack Korsick at 1:30 of the first period. In the heavyweight division Defalco of URI shocked Tech's Jim Braithwaite by pinning him on the initial takedown at 0:30 of the first period.

The final score was URI 25, Tech 16.

**Don't Miss The
HOOTENANNY
This Saturday
2 P.M.
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Trainer Gives Views On Sports Injuries

Every year athletic teams are plagued by the inevitable occurrence of injuries. Very seldom can a team complete a season without injuries being sustained to its members. If a team does happen to be so fortunate, it shows in the win-lost column to be sure.

Since Worcester Tech athletes are no different from others in this respect, the Engineers must be ready to expect injuries dur-

ing the season and be ready to carry on without a key halfback or lineman on their football team.

With this thought in mind, the Tech News sought to find out if the number of injuries to Tech athletes this past fall, particularly to members of the football squad, were excessive, and if so, why?

Tech's own authority on injuries, Trainer Leo Jansen, brought out some worthwhile ideas. Leo pointed out that the number of injuries this year were probably a little less than those of last. However, (and he was not referring to the football squad) the many men who did not stay out for the squad plus the application of the Freshman Rule, hurt the team in the sense that it was cut to a dreadfully small number. Starters were forced to scrimmage against themselves and consequently took more of a physical beating during practice, and certainly were more prone

to injuries. Injuries did occur, but because of the small squad, they hit where they hurt most, two key starters who had to go both ways on that Saturday afternoon or on a Wednesday night practice when there was nobody to replace them. Here, Leo emphasized, is why the injuries were so costly this year. They occurred as statistically they should, but because the squad was small, too many starters unavoidably sustained them.

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MRS. HENRIETTA BEYER, FORMER OLYMPIC FENCER, TO AID TECH'S SQUAD

Mrs. Henrietta Beyer, the former German olympic fencer, has brought her talents to Worcester Tech this year in order to teach the fencing team the finer points of the sport.

Mrs. Beyer's past has shown an amazing career. She started fencing in Wetzlar, Germany, at the age of fifteen. She quickly grasped the techniques of fencing, and by 1936 she was ranked with the best women fencers in Germany. In the 1936 Olympics in Germany she was picked to represent her country at the age of nineteen. Mrs. Beyer won third place among the world's best women fencers. Her career seemed at an end as the War began. All metal was declared as weapons, and her equipment was confiscated. But in 1950 fencing became legal again. Mrs. Beyer started to assemble small groups and created

clubs. In 1952 she left Germany and came to Worcester where she began teaching at Clark University. This is her first year at



BEYER AS COACH

Tech, and the team is sure to reap the benefits.

Mrs. Beyer and Captain Casipit, the drill instructor, have high hopes for this year's team. They stressed the fact that practically the same squad has returned this year, along with many new freshmen. The team is headed by co-captains Dave Wilson and Robert Bertrand.

The following is the fencing schedule for the 1965-66 season: Dec. 11—Norwich at Tech, Dec. 15—Holy Cross at Tech, Jan. 15—Tech at Brandeis, Feb. 9—Tech at Holy Cross. All home matches will be staged at the W.P.I. gym.

Electrical Engineers — Physicists

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