

QUOTA DOUBLED AS BLOODMOBILE DUE ON CAMPUS

Between the hours of eleven and five on Tuesday, March 18, the American National Red Cross, in conjunction with our Physical Education Department, will carry on a drive to obtain blood for civilian and military use. Every day whole blood is giving someone a chance to live! Surgery that could not be done a few years ago is now possible because a large supply of blood is now available for hospitals in this area. The five principal Worcester hospitals store blood, which is available to their patients free of charge. Any combat veteran can give specific instances of a buddy's life being saved by battle field treatment with life-giving plasma. This service could not be possible without the aid of the Red Cross.

No Waste

Whole blood remains good for twenty-one days, but even if it is not used up in that time, it is never wasted. Out-dated blood is processed and made into plasma and plasma fractions such as Immune Serum Globulin for combating measles, Serum Albumin for the treatment of shock and certain kidney diseases, and Thrombin and Fibrinogen both used for burns and hemorrhage control. Antihemophilic serum is used to prevent excessive bleeding.

Quick and Painless

Giving blood today is a painless process. In less than an hour you can have your temperature tested, have your blood pressure taken and have your hemoglobin tested. Only those who are physically able to donate will be accepted. Everyone between the ages of 18 and 59 can give blood, but students under 21 must have the signature of their parent or guardian. Applications for the blood program as well as release slips for those under 21 may be obtained at the mailbox in Boynton Hall, in Sanford Riley Hall, or at the office in the gym.

Quota Doubled

This year Holy Cross turned in a record of 43% and, since Tech was the first school in Worcester to give blood, the Red Cross is expecting a good turnout from us this year. Our quota is now more than double what it was previously. In order to promote the campaign, Frank Flood, the chairman of the drive at Tech, has suggested an interfraternity competition to see which house can turn in the highest percentage of volunteers. Let us maintain our good record in these blood drives and really make a good showing this year. Remember—a pint of blood can do so much.

IHEE - AChER Struggle Ends In Tie Again

Feldsine and Petrillo Lead Their Courageous Warriors Into Battle

SEE CUT PAGE 3

Resplendent in their gay ritual robes, the AChERS and IHEE supplied an enthusiastic crowd with lively entertainment between the halves of the Tech-Northeastern game as they competed in their 2nd annual basketball meeting. Referee Phelps called the game a draw, the final score being 2-2.

Before the start of the tilt, both teams went through an intensive, diversified warm-up session. The polish and smoothness of this operation was an immediate indication of the high-calibre type of play to be expected during the game. After the athletes had been sufficiently warmed-over, Bill Cimonetti, IHEE publicity director, formally introduced the two teams' coaches, captains, and the officiating referee to the awed on-lookers.

Guiding the AChERS through their athletic capers was "Doc" Wilson who, with the able aid of "Billie" the water-boy had planned the destructive distillation of the IHEE. The IHEE mentor, "Jungle Jim" Mulligan, had his five little power generators operating at synchronous speed ready to develop maximum torque for the AChERS' hi-voltage electrocution.

With the score knotted at 2-2 and only seconds remaining, the IHEE gained possession of the ball. Expertly and with deft precision, the electrical hotshots quickly formed a human pyramid under their own basket. IHEEer Jim Sullivan was on top of the pyramid yelling frantically for the ball (see cut). There goes the pass to Sullivan; it looks like an easy score . . . but no, fate had not decreed it so. At the crucial moment as Sullivan was reaching for the ball, the pyramid collapsed. The ball went sailing into the stands, the first half ended, and Sullivan felt the butt of the structural failure.

During half-time, Coach Mulligan took his short-circuited crew aside to illuminate them on their mistakes. Using modified circuit diagrams, he had his attentive followers thoroughly engrossed in a heavy theoretical lecture when refreshments and a deck of cards diverted the attention of all.

The AChERS also decided that

PHYSICS DEPARTMENT DEVELOPMENTS SHOWN

M.S. Department to Present ROTC Awards at Inspection

Scholars, Sharpshooters, and Crack Drillmen to Be Honored at This Time

The Military Science Department has announced that a number of awards will be presented to outstanding undergraduate members of the R.O.T.C. at a formal, federal inspection in May. While several of these are for general scholastic excellence, awards will also be given to the winners of intercorps competitions which will be held sometime this Spring.

The cadet having the highest scholastic rating will receive a medal presented by the Sons of the American Revolution, while a high ranking cadet from the Freshman, Sophomore, and Junior class will receive an award from the Armed Forces Communications Association. One other general excellence award, a medal from the United States Signal Association, will be presented to the second ranking cadet in the unit. In addition to this, all basic course cadets are eligible to compete for six awards. Three of these will be presented to the outstanding marksmen as determined by scores accrued in matches, which will be run in accordance with the rules of the National Intercollegiate Rifle Association. A competitive drill judged by impartial military officers will determine the recipients of the three remaining medals. In this competition, cadets will be judged on their proficiency to perform all drill movements and the manual of arms.

The Department of Military Science is proud to announce receipt of a standard for the R.O.T.C. unit. This beautiful flag, with a detailed replica of the school seal at its center, is basically crimson on a grey background and was made by the Heraldic Division of the Quartermaster Corps.

their team was in need of refreshment at half-time, and a keg of the beverage of moderation was produced. Coach "Doc" Wilson and "Billie" efficiently siphoned out the contents at low Reynold's numbers to quench the thirsts of his loyal fluid flow experts.

The game was hard-played with casualties high and the scoring low. Action was haphazard at times, both field goals being scored simultaneously and in the wrong baskets, but "Beagle Eye" Phelps' intelligent and unprejudiced officiating had a sobering effect on the puzzled performers.

VARSITY CLUB ELECTS OFFICERS FOR SEMESTER

Functions of Club Set Forth — Plans Underway For Annual Social Event

The W.P.I. Varsity Club, a relatively new organization on campus, has recently elected three very capable officers for the present term. They are: President, Bill Mehalick; Secretary, Bob Howell; Treasurer, Manny Pappas. Composed of varsity lettermen, the organization has been set up for the prime and worthy purpose of creating better relations between competing athletic teams. Also, the club strives to help its members by lending financial aid in the form of textbooks and any such material needed by a student in order to pursue his education here at Tech. One of the future goals of the association, and no doubt that which will prove most beneficial to the physical status of any athlete, will be the procurement of such aids as a heat lamp, x-ray machine, and any other needed implements.

Everyone enjoys a good game of basketball, football or what have you. In order for a coach to send a well coordinated and conditioned team into a game, a team that will provide the spectators with a skillfully played contest, he must have the necessary equipment. This does not mean that Tech athletes are without proper equipment, but any additional material obtained through the efforts of the Varsity Club would undoubtedly be of great assistance. Only through the whole hearted support of the entire student body can such goals be reached.

Next Thursday evening, March 6, at 7 P.M., in the Sanford Riley Commons, President Bill Mehalick will conduct a general business meeting for the purpose of increasing active membership, and also to make preparations for the annual Varsity Club dance which is to be held on the evening of May 24. Anyone who attended last year's affair can well remember the tremendous time had by all, and this year's event will no doubt be as good or even better. The date again is May 24, so be sure to mark it on your social calendar.

Remember, the Varsity Club cannot function without you, and therefore everyone, not only athletes, must support it.

Curriculum Changes, Published Papers, And Projects Traced

The Physics department at Tech, always held in high esteem by the pedagogical world, has kept its pace with latest developments.

The department, through equipment obtained in an appreciable degree from the American Optical Co. in the past through the efforts of Dr. A. E. Parker, has the facilities for one of the finest courses in optics made available to any student today.

The advent of the atomic era has brought with it some changes in curriculum. The course in Modern Physics has been replaced by a course in Atomic Physics, which has a laboratory supplement, and a course in Nuclear Physics. The former started in February for the first time; the latter will be initiated next fall. Prof. L. P. Granath has set up the courses.

The sophomores, in line with their United Front experiments, do have an opportunity to use Geiger Counters and observe cloud chamber effects.

The five seniors in the department have their projects well underway and are doing research to some extent. Edward C. Olson is building a new type of interferometer for surface studies on crystals, making use of multiple beam interference. Surface irregularities of molecular dimensions are being measured, vertical thicknesses of the order of 10^{-8} inches being attained. Robert E. Lanou, Jr., is studying the effects of illumination on transistor-action. Donald J. Kranz is utilizing surface tension effects of dissolved organic substances in the determination of Avogadro's Number. George M. Seidel is studying the optical properties of thin metallic films of about 200 Angstroms thickness, or of the order of 10^{-6} inches. Harold J. Manley is working with three centimeter electromagnetic waves with the goal of determining the wave-length to the nearest one-ten thousandth of a centimeter. He will also try in the near future to build a power supply for equipment necessary in obtaining electro-magnetic waves of $1\frac{1}{4}$ centimeter wave-length. It is desired to obtain the lower wave-length in order to attain better results from the Michelson Interferometer method of determining wave-length, and finally the dielectric constant of different materials.

Dr. Ralph Heller has been making a study of vibrations on thin uniform bars, having published two
See PHYSICS DEPT.—Page 4

TECH NEWS

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EDITORIAL

Compulsory Attendance

For years the policy of Worcester Tech has been to have compulsory attendance at all classes. Attendance is taken daily, and students are expected to be in class. There are many arguments in favor of this plan—important material is covered in class; many assignments are given from day to day; class quizzes cannot be announced in most cases. However, a few facts seem to have been overlooked.

Since Tech is an engineering college with a heavy curriculum, the student's time is almost completely taken up. Furthermore, at one time or another students usually find themselves with a tremendous amount of work to do over a short period. It seems to me that a situation could possibly arise when a student might use his time to better personal advantage on a few hours of school work during scheduled classroom time. Most schools have systems whereby the students are allowed either limited or unlimited cuts. I think that some system could be instituted at W.P.I.

Credit College Men With College Intelligence

At other engineering schools, M.I.T. for example, the students have a cut system. If it is possible for such a system to be practical at M.I.T., why shouldn't at least a limited cut plan be feasible here? Students should be held responsible for a certain amount of work in a given course. However, it should not be necessary to enact high school rules to insure that this work is done. College students should be treated with an adult-like attitude. They should learn to budget their time so that they plan their own schedule for doing work. This, in itself, would be valuable training for each man, since industry expects this from its employees.

Limited Cut Plan

A limited cut plan would allow a student a certain number of cuts per term, without penalty, for each particular course. Some courses would allow more cuts than others, and labs would not be included in such a plan. Some students would probably use all of their allowed cuts, while others might not use any. The amount of time taken would be entirely up to the individual. A system of this nature would place responsibility on each student, and would be crediting college men with mentality of a college level.

Upperclassmen Need Such a Plan

The best possible situation would be for the whole school to participate in a cut system so that the responsibility would be shared by all classes. But if such a plan were not judged advisable for underclassmen, I am certain that it could be successfully carried out in the upper classes. The large amount of outside work required during the last two years at Tech causes overcrowding at various times. The adoption of some plan allowing a few cuts would be a step forward in alleviating this situation.

R. J. M.

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CAMPUS PERSONALITIES



Professor Donald G. Downing graduated from Worcester Tech in 1926 with a degree in Civil Engineering. However, he spent only a year away from Boynton Hill before he returned to aspire to his full professorship in Mechanical Engineering. His year's absence was spent as an instructor of Civil Engineering at Lehigh University and as a field engineer with the Eastern Bridge and Structural Company. Professor Downing received his M.S. in Mechanical Engineering in 1937 while a member of the staff.

While an undergraduate at Tech, Professor Downing was initiated into Skull, and now serves as the society's faculty advisor. In addition he is Chairman of the Hour Plan Committee, Director of the Summer School, and serves on the Scholarship and Freshman Advisory Committees.

The "Boomer", a Phi Sigma Kappa, serves as the fraternity's Regional Director, which includes the guidance of chapters located in New England and New York. His son, Allan, is attending the Rhode Island School of Design, where he is majoring in Commercial Advertising.

Newly-Formed Bridge Club Defeats Clark For a Good Start

Thursday, February 28, the Tech Bridge Club, in their first intercollegiate tournament, defeated Clark University 17-14. Even though the Clark team of Kistler, Vande Heide, Bailey, and Jennings took first place, Tech men filled the second and third slots to win the match from an average score. Second place team consisted of "Doc" Cramer, George Idlis, Ed Wolfe, and Ernie Demar; third place team was Joe Manchetti, Bob Paine, Dave Kujala, and Dick Lindquist.

Following the official tourney, the group played a mixed pair match of ten rounds. First place was copped by Dick Lindquist and Bob Paine, second by (Miss) Pat Putnam and Al Lacouture of Clark, and third place was taken by Mr. McCoy of Tech and Prof. Stubbe of Clark.

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Mr. Richard N. Cobb, a member of the mathematics department at Tech since 1946, has a rather varied and interesting background. A native of Portland, Maine, he received his A.B. degree from Bowdoin in 1933 and his A.M. from Harvard in 1934. The following year he returned to Bowdoin as an instructor in mathematics, and in 1936 he moved on to Lehigh University where he remained for three years as a graduate assistant. He then spent a few years in the secondary schools, holding positions at Deering High School in Portland, Williston Academy, and also a year at a boy's school in New Mexico.

He has found here at Worcester the happy environment that he had been seeking, as evidenced by his support of campus activities. He has been secretary of the Interfraternity Council for five years.

Mr. Cobb is married and has two children, Susan, 11, and Dick, 9.

PLANS OUTLINED AT ASCE MEETING

The first meeting of the new term for the ASCE was held on Tuesday evening, February 26. John Leach, newly elected president, led the Civils in a discussion of plans for the coming term. The program and social committees outlined the work which already had been accomplished at a previous executive meeting, and listed several events which shall take place during the new season. Plans were also made for this year's New England Conference of the ASCE. Members were urged to prepare papers for this meeting. Last year a large delegation from Tech attended the conference and two members, Donald Kolodne and Frank Flood, received prizes for the papers which they presented.

The main speaker of the evening was Commander Crosby, head of the New England Division of the Coast and Geodetic Survey. The Commander's purpose in speaking was to show the Civils the work which is being done by the Coast and Geodetic Survey, and to recruit qualified seniors for his department. The speaker explained clearly the many diversified types of engineering work which are being carried on by the Survey, and fully stressed the importance of their endeavors. Slides were shown to illustrate the equipment used and the procedures of his department.

After the formal closing of the meeting, the members engaged in an informal discussion with the Commander to talk over their individual possibilities of entering the Coast and Geodetic Survey.

TECH - UCONN CONCERT

Combined Glee Clubs, Soloists, and Octet Feature Evenings Songs

Unknown perhaps to many people on campus a group of Tech Glee Club singers left for the University of Connecticut last Saturday afternoon where they were to give a concert that evening. Actually it was a return concert since the UConn were our guests on February 15th. The Becker Junior College Glee Club also made the journey to Connecticut and thus it was possible to have three clubs participate in the combined singing.

At 4:15 P.M. the Worcester delegation arrived at the University. After a short rehearsal and "get-acquainted" period, supper was served. At 8:00 P.M. the concert began.

The program was very similar to that heard two weeks before at Alden Memorial. The Combined Clubs, the Tartans of the University of Connecticut, and the Worcester Tech Glee Club sang in order up to intermission. Then the University of Connecticut Glee Club, the W.P.I. Octet, and the Combined Clubs again sang to "round out" the entertainment.

As usual our Glee Club and Octet were very warmly received and gave a good account of themselves. And not to be forgotten was the excellent piano playing by our accompanist, George Borski.

After a short dance the trip back to Massachusetts ended the events of a very successful day.



"Don't just stand there, Joe — we've gotta finish this experiment!"

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TECH NEWS SPORTS

HUSKIES DEFEAT TECH IN SEASON'S FINALE, 68-54

FROSH LOSE GOAT'S HEAD!

The crowd at the Tech-Northeastern basketball game were treated to a spectacular showing of the Goat's Head last Saturday night. The Frosh, in one of the boldest moves ever seen, produced the trophy right in the center of the basketball court between quarters of the game. Stunned momentarily, the Sophomores were quick to react and they raced after the Goat's Head from all corners of the gym. Some second year men were fast enough to cut the Freshmen off on the first floor.

A battle royal resulted on the back stairway, with the Frosh and the trophy in the middle, and the Sophomores on either side. The crowd watched, not knowing which side was winning the fight for the symbol of class supremacy.

Finally, when it was evident that the struggle might last all night with neither side victorious, Skull members stepped in and took possession of the trophy.

Both classes will be notified by Skull as to how the trophy will be put back into competition. Meanwhile, credit the Freshman class with the most sensational showing in Goat's Head history.

J.V.'s Romp at Clark; Topple Huskies For Fine Season's Record

Wednesday night at Clark Gym, the Tech J.V.s battered the Clark J.V. team 53-32. During the first half, the Techmen had trouble finding the range on the foreign court. But after three minutes had elapsed in the third period, the Engineers broke loose and rapidly pulled away from their city rivals, going on to win with points to spare. Bob Schultz was high with 14, followed by Gad Brown with 9.

Saturday night at Alumni Gym, the Tech Jrs. sunk the aggressive Northeastern J.V.s 69-54. The Techmen led all the way and were in danger only once, when Northeastern closed the gap to two points, 31-29, after four minutes had been played in the third quarter. Bob Schultz again was high for Tech with 22. Tom Kee, a Sophomore who made his last appearance in a J.V. uniform, was next in line with 21.

The unsung J.V.s finished the season with an admirable 12-2 record.



PHOTO BY BILL HILLS

The IHEE's set up an offensive formation in a desperate attempt to score against arch rival AChERs in Saturday's colorful tilt.

SEE PAGE ONE

Engineer Netmen Edge Out City Rivals In Double Overtime Thriller 56-55

MacLaren Brilliant, Hits For 21, As Clark Wilts In Final Stage Pressure

Of all the thrilling games Tech has played this season, not one could match their spectacular victory over their city rivals by one point in a double overtime.

In the 4th quarter with 5 minutes left to play, Tech was 9 points short of a tie, 43-34. Then the engineers exploded. Doug MacLaren, who sparked the engineers throughout the game, drove in and scored on a push. Harry Brown quickly supplemented the effort by driving in for a lay-up putting Tech back in the game. Brown again dropped in a rebound with 4 minutes remaining. Clark called time after seeing their lead go from 9 points to 3 points within a minute.

After Clark scored from the foul line, Joe Fratino hit on a long set. Half a minute later, Brown, with 2½ minutes remaining, caused chaos among the 800 fans as he tied the score at 44-all with a hook shot. Then, because Tech called their sixth time out, Clark was awarded a technical foul. Cliff Nordwell brought down the house by delivering the point, putting Clark ahead 45-44.

With 54 seconds remaining Brown fouled Steingold while trying to stop a shot. Steingold dumped in the first free throw to put Clark ahead by two. With slim hope for Tech, Clark took the ball out with only 25 seconds left. MacLaren stole it, passed to Bloom, who shot. Then in the most sensational shot of the game, "Mac", with 16 seconds left grabbed the rebound and while off balance and the ball behind his head tied the score at 46-all before the final buzzer sounded.

MacLaren Hits for 17, Brown 15; Mehalick, Chapman End Careers

By JACK MALLOY

A famine for floor goals in the first four minutes of the opening period cost Tech an opportunity to end up its season with a winning record. After getting behind the eight ball in this first half period to the tune of 12-2, they tried valiantly to overcome this disadvantage. However this Northeastern team which ranks eighth among major colleges in New England, was a sharp ball club and they just wouldn't be overtaken. The final count showed Tech on the short end of a 68-54 score and their season's record was balanced at eight and eight.

Up to the time Doug MacLaren dropped the first two pointer for the home crew, the only points mustered were two free throws by Harry Brown and Bill Mehalick. Indeed, the only points they acquired the rest of the initial stanza were two more free throws by Bob Chapman and Ace Hall. In the meantime, the visitors were combining a fast attack with some deadly shooting to forge ahead by the score of 15-6.

The second quarter found the battling a little more even. Wakeford opened the session with a push shot and Gino Neri, who played a tremendous game all night for the winners, followed with a lay-up. At

In the first overtime, "Mac" score quickly with a lay-up. One minute later, "Clutch Mac" scored again bringing the tilt to 50-47. Saunders then sneaked in a hook and with one minute remaining, Steingold came through with a push shot putting Clark ahead, 51-50. Brown then was fouled. The crowd was tense as big Harry came to the foul line, his team one point short with only 39 seconds to go. Harry calmly dipped it cleanly through the nets tying the score again before a hysterical crowd as he had done in the 4th quarter. Tech took the ball out and worked it until, with only 9 seconds remaining, they shot. The rebound was tapped up 6 times before the clock ran out.

Coupe, Clark's co-captain, led off the scoring in the second overtime on a set putting them ahead 53-51. Fratino quickly duplicated the feat by pushing one through the hoop. With 2½ minutes left, "Mac and Company" went ahead, with the boss himself taking advantage of a charity toss. After a brief time out, Dan Hoch, who couldn't have chosen a better time, scored his only basket, putting Tech ahead by 3 points and the game on ice. With 3 seconds left, Clark scored its last tally but still was one point short as the last and final buzzer ended the game for the exhausted teams and the 800 fans.

WORCESTER TECH				CLARK			
	fg	fp	tp	fg	fp	tp	
Hall f	3	2	8	Nordwell f	1	2	4
Vasil	1	0	2	Steingold f	4	5	13
Bloom f	1	3	5	Smith	0	0	0
Chapman	0	0	0	Saunders c	5	3	13
Brown c	5	4	14	Bernstein	0	0	0
MacLaren g	8	5	21	Sullivan g	1	0	2
Hoch	1	0	2	Kamandulis	0	0	0
Mehalick g	0	0	0	Coupe g	6	1	13
Fratino	2	0	4	Flint	3	1	7
Totals	21	14	56	Totals	21	13	55
WORCESTER TECH	8	13	13	5	5	5	56
CLARK	10	19	7	10	5	4	55

this stage the Boynton Hillers put on their best concerted effort of the tilt. They scored twelve points while holding Northeastern to three. Doug MacLaren hit with a push to give Tech its second floor goal of the contest and Brown dropped a free throw before Neri scored one of the Huskies' three markers with a charity toss. Brown hit with a driving lay-up and Joe Fratino sank a push before Neri again broke the spell with a lay-up. Ace Hall came though here with a push and three free throws, and at this stage the score read 18-22. The ever present Neri came through again with two more hoops and Anderson made a basket to stretch the lead back to ten. Fratino traded charity tosses with Neri and MacLaren closed out the scoring for the half with a lay-up. The count at the half was 21-29.

The home crew experienced another one of those famines at the start of the second half. Harry Brown's free throw was Tech's only score while the Huskies were pouring in nine big markers. It was again MacLaren who came through with a floor goal and the rest of the stanza was of the see-saw variety. Tierney of the visitors hit on a set, but Brown came through with a lay-up and MacLaren a free throw for Tech. Mehalick's lay-up offset Watson's set, Neri took a free throw and Brown and Anderson traded two pointers. Brown came through again with a hook followed by a free one by Hall, and Neri again retaliated with a push. A set by Watson was more than equalized by three tosses by MacLaren and Hall which made the score at the third stanza 37 for Tech and 49 for the Huskies.

The last session was comparable to the latter part of the third in that it was a basket for basket affair. The real workhorse of the last period was MacLaren. He accounted for nine of Tech's fourteen markers with his ball hawking tactics and his driving push shots. It was this same brand of ball which he displayed against arch rival Clark that won him a starting berth against the Huskies and he certainly proved worthy of the faith that coach McNulty had in him.

After all was said and done and the smoke cleared away from the last quarter, the visitors had a 68-54 victory to bring home with them. High scorers for Tech were MacLaren with 17 and Brown 15. For Northeastern Neri had 19 and Anderson 17.

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**COSMOPOLITAN
CLUB MEETS**

The Cosmopolitan Club held a regular meeting last week. A change from labs and engineering problems was brought about by a discussion of the world situation, particular regard given to Korea, China, Germany, and France. W. M. Yao gave a very lucid and impartial analysis of the Chinese situation today. Prof. E. D. Phelps, the club's active faculty advisor, was moderator for the discussion.

Future meetings are being planned at the homes of Deans Howe and Swan. Representatives from the club will journey to the Yale Conference on March 28.

NEWMAN CLUB NEWS

The next scheduled meeting of the Worcester Tech Newman Club will, as in the past, be held in the Janet Earle Room on the second Tuesday of the month (March 11th).

Of primary importance on the agenda for this meeting will be the adoption of a new constitution for the club. President DeCarli announced at the last meeting that copies of the new document would be made up and distributed to all club members in order that they might come to this next meeting prepared to make recommendations and vote on adoption.

It is expected that Dr. Frederick Butler, of the Chemistry and Chemical Engineering Department, faculty advisor to Tech's chapter of the National Newman Club, will present a short talk on the history of the club here at Tech. Immediately after the closing ceremonies, refreshments will be served.

PHYSICS DEPT.—From Page 1

papers on the subject. A paper, "The Position of the Nodes of the Transverse Vibrations of a Uniform Thin Fixed-Free Bar", was published in the March 1951 issue of "The Journal of the Acoustical Society of America", and another paper, "Transverse Vibrations of Uniform Thin Bars" will appear in the May issue of the same publication.

The department has three Nuclear Instrument and Chemical Corporation Geiger Counters for beta-gamma radiation and also a counter, of lower range, for gamma ray detection. Prof. Richard F. Morton of the fac-

HIGHLANDER DINER

"Where Good Food Is
Not Just an Expression"

OPEN TILL MIDNITE

AROUND THE GREEK CIRCUIT

By TOM DeLUCA

Phi Sigma Kappa

The house team has been rounding into shape and after the implicating rumors about fixes the team is more than ever determined to prove itself. Our broad-beamed coach, Harry Brown, is doing a good job; we just hope he can stand up under the strain.

The four members of this lodge who have been awarded pledge pins to the Golden Horde are indeed highly honored to attain such distinction. However, John "Good Deal" Galizia, speaking for the foursome, says that he would just as soon have the privileges offered to city members of the notorious horde.

All the brothers' attentions are being centered on initiation, and the pledges, of course, aren't getting much time to spend on anything except the preparation for the final initiation this week-end.

It has been confirmed that a certain sacred wooden article is being mis-used, mis-handled, mal-treated, and generally neglected.

BULLETIN: The date February 27 has been designated as an annual Doug MacLaren Scottish Holiday in honor of his athletic prowess.

Theta Kappa Phi

Bob Rascoe and Paul Jenneman were pledged during the last week. Congratulations!

The House Crime Probe Commission has done it again. Dud DeCarli, spearheading the expurgative movement, has uncovered another noxious situation. It will probably surprise no one that this exposé concerns the house bowling team. If you can recall the house team won I.F. bowling last year and seems to be well on their way this year. To make a long story short the excellent record is due primarily to the fact that they used weighted pins. There was difficulty in persuading the janitor to put out their weighted pins when they bowled and also in persuading the pin-boys to set the pins correctly. But by their indomitable drive they overcame these difficulties. The weighted end would be on the bottom when the opponents bowled and on the top for the OKO Klobbers.

Things were going well until Ed Baldyga, with an aim for fame, set two new records with a 141 for one

ulty is a member of the Radiological Advisory Group for the Civilian Defense which will utilize these instruments in the event of atomic attack. Other members of the group include Prof. William B. Wadsworth of the E.E. department along with members from Holy Cross, Clark, the Worcester Foundation for Experimental Biology, and the Norton Co.

string and a 359 three string total. This unbelievable score precipitated immediate investigation and their bubble burst.

It was then learned that Ed hit his amazing total by using a magnetic ball in addition to the usual methods. Bob Niro and Hank Camosse are not guilty of these charges. For proof one has only to examine their records in comparison with Ed's, Spud Spadoni's, and Andy Morgo's. Andy also should be given a little credit because he decided to bowl legally, even if only a week before the scandal broke. This is proven by his hitting 260 instead of his usual 300 or better. Well enough for that.

The Unholy Four from Dean St. turned down our proffered pins. Their reply, "We're too ornery for your honorary pins."

FLASH: It may be a good idea to move the Charter Oak before it takes root and grows through the roof.

Sigma Alpha Epsilon

Snow didn't prevent a contingent of SAE's and their dates from making the trek to Clark Wednesday evening for the big game of the year. Those who shoved the books aside for this evening were not disappointed, as Tech won a double-overtime thriller. Our congratulations to the team for a fine comeback and to Doug MacLaren in particular for the great game he played.

At least one member of the varsity had more than one reason for getting slightly nervous during the game. Dave Gilbert just managed to catch a train for West Point at midnight, after the game ran a half hour longer than expected. We're expecting Dave to come back with nothing lower than a major's rank, maybe even a general.

The fumes emanating from the game room on Saturday afternoons are nothing more than paint fumes. The pledges are in the process of refinishing the game room and used a large quantity of paint last week-end in doing the ceiling. Half the paint went on the ceiling; the other half went on the boys!

Throat spray and cough drops are the order of the day for at least ten of the brothers as they are getting their throats in condition for the I.F. Sing. Some unappreciative cad was heard to mention last week that he didn't mind the odors coming up from the game room—it was the sound that bothered him!

Injuries seem to be the order of the day. At present there are two sprained ankles, a fractured leg, a smashed foot, and a sprained thumb in the house. Who's next?

Lambda Chi Alpha

Testing one, two, three, four.

With this and other preliminaries, Lambda Chi's radio station came on the air, bringing to its public music, variety shows, and special events. Special events this week will include the broadcasting of the house basketball games.

The basketball team is ready for its first game tomorrow afternoon, and should be one of the top contenders for the title. The starting lineup will include many top names in the I.F. loop. Starting at forwards will be Captain Dick Scott, and Ken Wright; while at center will be six foot three Dale Westbrook. Starters at the guard positions will be Chuck Horne, and either Ken Shiatte or Bill Stapakis.

We were fortunate to have Professor and Mrs. Petrie and family over for guest night last week and look forward to seeing them again. We also welcome Bob Smolinski as a pledge to Lambda Chi.

Congratulations are extended to Herb Kelly for pinning his "sweet little dish", Barbara. We enjoyed the cigars, Herb. We also hear that Emil Larson has been seen out with Pattie again. Spring must be here!

Alpha Tau Omega

In line with a policy first initiated by the Alpha Tau Omega Fraternity throughout the country, Gamma Sigma Chapter is pleased to follow along in the institution of a Help Week this year to overshadow the infamous Hell Week, which has long been a black mark against all fraternities in the eyes of the general public.

For several months plans have been under consideration for this new step toward betterment of the fraternity system. Actual work on the projects has already started and will be spread out over the spring so as not to be too demanding on the brothers and pledges. The pledges will not be fully denied the pleasures of informal initiation, but the majority of their energy will be diverted into useful channels.

ATO's first Help Week project took place last Saturday, when the entire house, brothers and pledges alike, spent the whole day cleaning, repairing, painting, and wallpapering at a local home. Everyone pitched in and worked, and when the Alpha Taus returned home at the end of the day, the feeling was unanimous that their time had been well spent.

All who attended the ATO Sweetheart Ball the weekend of the 22nd had an exceptionally good time, and favorable comments may still be heard. The Monte Carlo atmosphere of the game room added a lot extra to the enjoyment of the brothers and their dates. Congratulations are in order for Miss Jane Ballou, who was chosen the Sweetheart of ATO. Jane is engaged to Brother Lex Carroll.

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