

TECH NEWS

WORCESTER POLYTECHNIC INSTITUTE

Debaters Beat B.C. Smith and National Tournament Next

Last week saw the Worcester Tech Debating Society facing a heavy schedule. In the two scheduled debates the Tech teams made an excellent showing and showed signs of promise for a good debating season.

The first debate was held last Wednesday against Worcester State Teachers College. It was a non-decision debate on the topic of "Federal Aid to Education." Tech presented the affirmative arguments and was represented by Norman S. Brown and Fred Penniman. This team clearly had the upper hand in the debate, and enjoyed a very successful evening.

On Friday the negative team of Worcester Tech defeated Boston College, debating the same subject. Tech was represented by J. Carbury Meade and Hans Picard, and these men thoroughly deserved their victory over a good B. C. team. Showing superior logic, which more than amply counterbalanced the fluent orations of the B. C. debaters, this Tech combination went on to win a 3-0 decision. However, Boston College redeemed some prestige in hav-

ing one of its members named the best speaker of the evening. Robert Dray won this honor, by a 2-1 margin, the remaining vote going to his teammate Tom McGagh.

Tech's next opponents will be Smith College, who travel to Worcester on Thursday the 17th. The debate will be held in the Janet Earle Room at 8 P.M. and the topic will be "Resolved that the Federal Government should adopt a policy of equalizing education in tax supported schools by means of annual grants. It is likely that Tech will be represented by Hans Picard and John C. Meade.

Following this debate, the Engineers will shoot for national honors when they travel to Wesleyan University on the 23rd of March, for the National Collegiate Debating Tournament. As things stand, Tech will send down Henry Oletz and Tej Chaddha to represent the school. In the tourney, the topic of debate will be "Socialized Medicine," and though this topic is new to the team, Mr. Clarkson, the coach, thinks that his team can handle it and should make a good showing.

Frosh Take Trophy; Faculty Score Hit

Sigma Xi and A.I.E.E. Hold Meetings

Winning E.E. Author To Attend District Convention in Vermont

On Monday March 14, a meeting of the Worcester chapter of Sigma Xi was held in the Janet Earle Room at Alden Memorial. The guest speaker of the evening was Mr. C. E. Mason, Technical Director of The Bristol Company, Waterbury, Conn. Mr. Mason, who received the Modern Pioneer award of the National Association of Manufacturers Committee on Patents and Research for his accomplishments in the field of automatic control, discussed "Basic Principles of Automatic Control" before the audience of promising engineers. Upon conclusion of the meeting refreshments were served for the group.

The Worcester section of senior members of the A.I.E.E. held their regular meeting on March 15 in the Janet Earle Room at Alden Memorial. The topic of discussion for the evening concerned the new Webster Street generating station. Mr. Carl E. Anderson, mechanical engineer for the New England Power System was guest speaker at the meeting which included a showing of the colored film entitled *New England Calling*.

Plans are being formulated for a joint meeting of senior members of the A.I.E.E., and the student branch of the A.I.E.E. and I.R.E. At this joint session several Tech students will present papers on various technical subjects in the field of electrical engineering. There will be two winners chosen from this group and they will later be sent to a District Student Convention at the University of Vermont.

GOAT'S HEAD REAPPEARS, WELLMAN WORKS WONDERS

The Goat's Head, complete with diminutive midsection and rump, has reappeared. Last Saturday night's Tech Carnival saw the sophomores reveal the coveted trophy for a brief moment on the stage of Alden Memorial. Though rumor had it that the freshmen had advance notice of their rivals' plans, no organized action prevented the class of '51 from spiriting the head away to continued safe hiding.

Sophs

The unexpected display came during the Soph's representation of a meeting of the local chapter of Alcoholics Unanimous at a local brewery. This conclave was but one of Mr. Pigwhistle's (Bill Sheean) reminiscences of Tech life in a television broadcast sponsored by *Pall Bearers*, "the cigarette with a body." The recollections included the Paddle Rush, complete with Doc Carpenter, official paddle-placer, and the rope pull, complete with rope and soggy "freshmen." Commercials for *Pall Bearers* were ably droned out by Bob Wolfe, and a personal endorsement by Robert Twitchum (Herb Hayes) attested to the weeds' deeds. But though the act was ably presented, it was no match for the freshmen's portrayal of the problems of a newcomer to Tech.

Ken Turner, as a new registrant, encountered numerous frustrations, as the terms of his S. R. H. room lease forbade his possession of a cat, a disembodied feminine leg, a cache of beer, and a volcanic gin mill. This

episode was followed by a portrayal of the results of an overzealous freshman's search for a date, leading him, alas, to a Becker dorm. That which this hapless fellow found there, he took to the Family Theater, to witness a melodrama of the Wild West, which was enacted as a pantomime accompanying a narrator.

Frosh

The entire freshman skit showed considerable originality in its conception, and skill in performance, and director Bob Giorgi is to be congratulated on a fine job.

As usual, the faculty came through with the hit of the evening, presenting a "bird's eye" view of student activities at Tech. The rope pull scene saw a group of M. E. instructors dragging themselves across the stage with a rope from which hung articles of clothing, some of which are not generally associated with masculine attire. The band concert scene featured "Little Freddie Butler" and his violin, who gave a bound and rebound rendition of some good old "hoe-down" fiddling. In the next scene, Dr. Noiles, blood bank teller, turned from counting BTU's to counting corpuscles and managed to drain a benevolent Prof. Price down to Webster-like proportions. The Tech-Becker Glee Club concert scene included the Misses Winnie Wilson, Fifi MacKenzie, and Tootsie Kleine, whose get-up seemed to have the roving eye of Mr. Bjork almost convinced. Presiding over the faculty

(Continued on Page 2)

Light Sorcery —Assembly Hit

At the assembly of last Wednesday, March 9, Tech students were treated to another of the fine types of entertainment that made for popular assemblies. Result: near capacity crowd. The show, *Light Sorcery*, was an outgrowth of research work done in Nela Park, Cleveland, Ohio, by General Electric Company on incandescent and fluorescent lamps. Mr. Alston Rodgers, G. E. research engineer, and doubling as a fine showman, presented *Light Sorcery* as both an informative and entertaining program.

Illumination was discussed in its evolution. Beginning with early incandescent lamps, Mr. Rodgers carried the discussion through to the present fluorescent lights and dem-

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SOMETHING NEW: A.S.C.E. PRESENTS MOVIE-DANCE

On Saturday evening, March 26, at 8:45 P.M., something new and entirely different will be introduced for the pleasure of students at the Institute. It is called a Movie Dance, and is being put on by the A.S.C.E. in Alden Memorial Hall. The program consists of movies of all your favorite dance bands: Tommy Dorsey, Vaughn Munroe, Guy Lombardo and a host of others, all playing their arrangements of the latest hit tunes. The music will be danceable unless, of course, you prefer to sit and visit with your friends.

Just to make the party even more enjoyable the Committee plans to have numerous cartoons shown at intermission. All in all this program shows promise of an extremely pleasant evening.

If you are interested and would like to attend, tickets may be procured at the door or from members of the A.S.C.E. Let's all get out and demonstrate our school spirit by supporting these fellows to the utmost, so that they may find success in their presentation and those attending may enjoy a pleasant evening. Remember! The more the merrier!

Assembly Notice

Wednesday, March 16

"What Language Do You Speak"

Prof. Robert S. Illingworth, professor of Dramatic Art at Clark University, will read selections of humorous and dialect poems.

Tek-Noose Service

Cedar Hall	3-9604
Colton House	3-9603
Dalton Hall	2-9626
Davis Hall	4-4531
Heywood House	2-9731
Maple Hall	3-9416
Morey Hall	2-9432
Linden Hall	2-9905

TECHNICAL PERSONNEL DIRECTOR ADVISES PROSPECTIVE ENGINEERS

What does the interviewer expect from the prospective employee? This question, of interest to all Tech students but to Seniors in particular, received some answers from Calco's Doctor Gordon P. Whitcomb at the March 7 meeting of the A.I.Ch.E. in Kinnicut Hall.

After spending a whole day at Tech interviewing Chemists and Chemical Engineers, Doctor Whitcomb turned from judge to defendant and answered some of the questions himself. While much of the meeting was devoted to problems peculiar to the chemical profession, others warranted the attention of the students in general. Most important of these concern the attributes sought after in a prospective

employee. Doctor Whitcomb lists these traits as follows: Knowledge, initiative, judgment and common sense, leadership and organizing ability, cooperativeness, self expression in both speech and writing, and productivity. The interviewer cannot hope to analyze all of these traits in fifteen minutes, but he does form important impressions from scholastic averages, participation in activities, and appearance. Doctor Whitcomb advises the student to consider the following factors when seeking employment: Salary, rate of pay after five years, possibilities for advancement, contracts, facilities, vacations, sick leaves, educational assistance, living conditions and the stability of the company.

TECH NEWS

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Editorial

Last Saturday evening, Alden Memorial Auditorium was the scene of the latest in a memorable series of Tech Carnivals. No one who was present can honestly claim to have gotten less than his money's worth. The freshmen deserve a great deal of credit for their prize-winning performance and the S.C.A. should be lauded for its sponsorship of the affair.

In spite of their Carnival victory however, the freshmen seem to be hopelessly behind in the traditional Goats-Head competition. The Sophomores not only lead in this competition but also have possession of the trophy at present.

The Freshmen should remember that although they are trailing in the official competition they have plenty of tradition to back up a forceful attempt to recover the prized trophy. The sophomores have fulfilled their part of this tradition by making a public showing of the Goats-Head during their skit in the Carnival. However, to show their contempt and disdain for the Frosh they have announced that another showing will be made in the very near future. They further promise that the trophy's hiding place will be on Institute or fraternity house property.

This should be sufficient incentive for the Freshmen. They now know what the Goats-Head looks like and they should be interested in obtaining it. Their excellent Carnival skit showed fine class spirit and this same spirit should lead them to try to recover the '93 Goats-Head.

ACTIVITIES CALENDAR

The TECH NEWS is inaugurating a policy of printing weekly the Activities Calendar as compiled by the Information Office. These dates have been reserved for school functions, and it is requested that all organizations observe these dates so that maximum support will be given to these activities. One weekend will be kept free each month for fraternity affairs.

TUESDAY, MARCH 15:

Band, Alden Stage, 4-6.
Camera Club, J. E. Room, 4-6.
A.I.E.E., J. E. Room, 8:00

WEDNESDAY, MARCH 16:

Student Wives Club, J. E. Room,
8:00.

THURSDAY, MARCH 17:

Glee Club, J. E. Room, 7-9.
Masque, Alden Stage, 7-10.

FRIDAY, MARCH 18:

Octet, J. E. Room, 4-6.

MONDAY, MARCH 21:

Glee Club, J. E. Room, 4:00.
Masque, Alden Stage, 7-10.
A.S.C.E. Student Chapter, J. E.
Room, 7:00.

TUESDAY, MARCH 22:

Band, Alden Stage, -6.
A.I.E.E. Student Branch, J. E.
Room, 7-9:30.

Frosh Take Trophy

(Continued from Page 1)

act was Laughing Leighton Wellman who perhaps didn't laugh very much himself, but certainly kept the audience at it.

Let us not close without a word of thanks to all participants for a very enjoyable evening, to Phil (ultra-violet) Stanier, the Carnival's capable emcee, to the octet for supplying intermission entertainment, and to the Boyntonians for their usual fine dance music afterwards.

Fraternity News Bits

By NORM BROWN

Initiations seem to be in the spotlight this week. T.K.P. welcomed A. Concilio, J. Sullivan, P. Crowley, R. St. Louis, A. Ferron, W. Mahalick, R. Gillette, V. Sarli, R. Georgi, J. Feldsine, R. Boutiette, R. Favereau, J. Kasper, J. Lojewski, E. Majewski, R. Cavanaugh, F. Reynolds, T. O'Toole, E. Samolis, and W. Cimonetti into the fraternity at a memorable initiation banquet held Thursday evening, March 10. National Secretary Treasurer George V. Uhelein was principal speaker. Mr. Augustus G. Concilio, one of the founders of T.K.P., was on hand to witness the initiation of his son. Another item of good news is Leo Lynch's speedy recovery from his appendectomy. He's finally rid of the extra weight and was recently discharged from Cushing General Hospital. Jim McKernan stopped off in Worcester to see how things were going at the house. He is working for the DuPont Company in Wilmington, Delaware. Phi Sig added the following members to its ranks: Merrill Hescocock, Frank Myska, Harold Althen, Robert Baker, Douglas Collings, William Dewey, John Diachenko, Tom Farley, Tom June, Sueloong Li, Floyd Norton, Wayne Robertson, Stuart Rowe, Edgar Slocum, and Daniel Stoughton. Congratulations and lots of luck to a fine bunch of fellows.

S.A.E. has just completed slicking up operations. The most noticeable improvement is the renovation of the living room furniture, which has been handsomely reupholstered in maroon and grey. The credit for this project goes to the Junior class, which ironed out all the details and footed the bill. In addition, 48 new maple chairs have been purchased for the dining room. The S.A.E. Bi-Annual New England Province Convention held in Boston left the house pretty empty Saturday evening, March 12. The Harvard, B.U., and M.I.T. chapters were excellent hosts, and the boys had no trouble mixing liberal amounts of pleasure with business.

Sig Ep pledges became rambunctious last Thursday night and attempted to repeat the annual custom of absconding with the pledge master, Bob Allen. A neat Foss-to-Padgett trick play saved Bob from his rebellious charges. Bob Padgett followed his pin up with a ring as he announced his engagement to Ruth Anderson.

Two A.T.O. pledges took a little walk and found themselves at 24 Institute Road last Sunday. Frank Pease was on hand to give them the scoop on the Army—just in case. Bob Ballard and Mal Morrison returned from the I.R.E. convention in New York buzzing with electronic devices to beat all rackets.

TECH TAILORS & CLEANERS

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THOSE WERE THE DAYS . . .

By ROLAND BEDARD

From the time we enter the Institute until that magic Commencement Day four years later our constant ambition is to earn a bachelor's degree. Previous experience in schooling has taught us that to achieve this goal we must take prescribed courses, sit through daily lectures, and complete lab assignments, learning enough about the subjects to obtain passing grades. If we complete this routine successfully for four years we are rewarded with our degree.

Many of us disagree with this current philosophy which attaches such importance to marks, honors, and diplomas. We feel that they are not an entirely fair measure of our knowledge and ability. Our professors constantly impress upon us that marks are not important, yet must reward us with them. The administration tells us that our degree is merely an indication that we have the tools to learn, but society makes the B.S. a requisite.

The first trustees of W.P.I. must have experienced the same problem over seventy-five years ago, when they formed the school policy concerning degrees. The State Legislature had granted them authority to confer degrees on all students completing the course satisfactorily, and such was the original intention of the school. But before the first class had been graduated a new and different plan was approved.

Instead of receiving a degree, each

graduate was awarded a diploma stating that he had completed the full course of study with special proficiency in the field elected, and testifying that he was equipped to practice in that field. The graduate's ability was then tested by four years of practical application in his chosen profession. At the end of this proving period, during which the school continued to guide and help him, the engineer was granted his B.S. degree.

Although this advanced idea in theory was sound, recognizing as it did the merit of practical work, it met with the opposition of tradition. Our boys found themselves handicapped in competition with men having degrees from other schools. Graduates seeking advanced education found it impossible to continue without a bachelor's degree, and prospective applicants were attracted elsewhere by the promise of a degree.

After four classes had been graduated under this system, a petition from the alumni persuaded the trustees to resume the normal method of conferring the degree. In 1875 all graduates of the first five classes were awarded B.S. degrees, marking the end of a noble experiment in progressive education. Remembering this venture, it is easier to sympathize with those modern educators who are compelled by tradition and majority approval to use the present imperfect system.

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TECH NEWS SPORTS

Sophs Win Tourney I. F. League Begins

SPORTS BEFORE MY EYES

By Colonel "X"

As much as I'd like to, there is no way of blotting out the facts. When one looks at the won-lost record of Tech's basketball team, there is no doubt in their mind that this was a poor season. We must, regardless of our feelings, agree with these statistics for there they are in black and white before our eyes. Yet I would like to defy these statistics and say that Tech had a successful season.

In the games that I have seen it is my opinion that the basketball team was never defeated this year. Yes, they may have been beaten but not defeated. You can call this a play on words, if you wish; but I mean just what I say for, in using the word defeated, I mean being beaten spiritually. You must agree that, regardless of what the score, Tech never broke down spiritually but fought against the odds with all the ability, courage and determination they possessed.

To most people the score is the most important thing; but, in my mind, a spiritless victory is worthless. It is much better to have fought with your heart and lost, than it is to play a spiritless mechanical game and win. As long as he can say to himself that he gave the game everything he had, no player need feel ashamed that his team was beaten. I believe you'll agree with me when I say that every man on the team can say this. This is why they had a successful season; not a poor one.

For three of the boys, the Clark game was their farewell performance. Each of them can be justly pleased with himself. They gave everything they had to win. No more can be asked of anyone. We're proud of you and will miss you, Steve, Russ, and Whitey. Good luck in the future.

Now, perhaps, would be a good time to acknowledge the wonderful gesture on the part of Doctor Wilson. It is his custom to annually give a dinner at his home honoring the basketball team. He certainly deserves a lot of credit for this extreme interest he has shown in the team. Needless to say, the coaches and players are extremely grateful to him.

I. F. Bowl Cup to SAE

SPE-PSK Match To Decide 2nd Place

Although one very important match has yet to be rolled, the Interfraternity bowling title has already been won by SAE. The new champions, in taking the crown, finished their season with a nifty 25-7 record.

The battle for second place however, will not be decided until sometime this week. At the present time, ATO, having finished its season, is in second place with a record of 22 and 10. SPE, with one match remaining, has a record of 19-9, and could conceivably take second place by sweeping four points from PSK.

PGD, last year's champs, finished up its season in the fourth spot with a 17-15 record, LXA finished fifth with a 16-16, and TKP was sixth with a record of 13 and 19. AEP is currently in seventh place with 11-21, but PSK has a 8-20 record, with a match remaining. TC, with 9 and 23, rounds out the league standings.

This year's competition resulted in three of last year's records being broken and another being equalled. Walt Mussoni of Theta Kap, with a 134 single string, cracked last year's high of 129, Ev Johnson of SPE, with a three string total of 341, erased the 332 mark of a year ago, and the 1242 team total, piled up by SAE, replaced the old mark of 1170 set last winter. Theta Kap, with a 422 pinfall for a single string, equalled the best effort of last year.

Assembly

(Continued from Page 1)

onstrated the approaches made by General Electric to natural light.

Particularly interesting features in the program were demonstrations on new developments in photographic lighting, the "talking light," and a blinker light arrangement capable of several years continuous service used for night tank maneuvers during the war.

Class of 1951 Tips Juniors to Win IC Title

Showing a great deal of spirit, drive, and power, the Sophomore Sensations tipped the potent Freshman team in the opening round and went on to edge out the hard-fighting Juniors to win the 1949 Interclass Competition. The 1951 quintet had to really go the limit in this "tournament of champions" as they were forced to rely upon their superior experience and one Richie Howard to ace out the colorful "men of '52", 23-21. The following day they were forced all the way by the crafty Juniors. This final game, a "tilt of tilts", proved to be one of the most thrilling games played at Alumni Gym this season. The Sophs had to struggle to the end to emerge the battle-scarred but glorious victors. The score: Sophs, 22—Juniors, 20. There were definitely no extra points thrown in this tournament, as the Juniors tumbled the lofty Seniors in the other contest by only four points, 29-25. The I-C competition had everything this year; from fine exhibitions of ball-hawking to pajama-clad Freshmen to excellent team play, all making up two afternoons of the most colorful and thrilling basketball to be found.

The Carlson-coached Sophomore quintet received their biggest fright of the tournament as the flashy Freshman team trooped onto the floor, clad in the most discordant and yet colorful warm-up suits yet to be shown before a P.I. audience. Coach Mehalick of the Freshmen, wearing a soft purple Oriental smoking jacket, sent forth a starting lineup of Junnies, Chapman, Ferron, Althen, and St. Louis. The Sophs started their quintet of Freeland, Dillon, Howard, Kolodne, and Saltus.

Althen Shines

The Freshmen took an early lead as Althen, the boy wonder, pumped a one-handed through. The Sophs quickly countered and the battle was on in full force. The lead teetered back and forth until, at the fifteen minute mark, the Sophs led, 15-13. The Freshman b.v.d.'ers bounced back after the intermission as Coach Mehalick shifted his men into an overloaded offense to break up the tight Soph zone. The Sophs continued to control the rebounds, however, and this proved to be a large factor in their winning. Mehalick was fouled with but six seconds remaining and his team trailing, 23-21. The foul shot was missed, however, and the Frosh managed to get off but one more shot. Scoring honors for the game went to Harry Althen, who pumped in ten points for the Frosh. Kolodne was high for the victors with seven points.

Juniors Top Seniors

In the second contest of the afternoon, the Juniors outlasted the Seniors as they topped them, 29-25, in overtime. The two teams matched baskets throughout the regulation

Coach McNulty has requested that all baseball battery candidates report to him in the gym at 4 o'clock on Thursday, March 17.

Coach Sanella has announced that all trackmen, varsity and intramural, will begin training on Monday, March 21.

thirty minutes with the lead constantly changing hands. John George's fine shooting kept the Juniors in the game. At the final gong, the scoreboard read twenty-three all. The Juniors turned on the heat at this point and threw in three quick baskets while holding the Seniors to a mere two points in the overtime period. The final: Juniors, 29—Seniors, 25. George of the Juniors was high
(Continued on Page 4)

I.F. Swimming and Track Dates Set

Professor Carpenter released this week the dates of the interfraternity swimming and track meets. The dates of the struggle between houses for aquatic supremacy are March 31 and April 1, while the track and field champion will be crowned after completion of two days competition on April 21 and 22.

It was requested that trackmen who wish to represent their houses begin training with the varsity tracksters this coming Monday, March 21. The reason for this is the spring vacation which extends from April 4-9. If training is left until after the vacation, there will be but eight days to acquire the required 6 training checks, and to get into condition.

"GOAT'S HEAD" SWIM THURSDAY

Another event in the Goat's Head competition, the Freshman-Sophomore swimming meet, will be held Thursday, March 17th, at 4 o'clock. The frosh swimmers, headed by Fred Lux, have already demonstrated their ability in freshman intercollegiate meets, but the sophomores feel that it will be a close meet. Other freshman swimmers will be Quamo, Rowe, Adams, Lutz, and Baker, while the sophomores are counting on Lancey, Johnson, Howell, Brown, Hodgett, and Sinn to come through with the Goat's Head clincher.

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SAE, PHI GAM Win Initial Starts in House Games

The Interfraternity Basketball tournament is well underway with 7 games now gone by the boards. PGD and SAE are the top dogs with (2-0) records followed closely by ATO and TKP each with (1-0) records. SPE (1-1), AEP and LCA (0-1), PSK and TC (0-2) are down in the cellar. All teams seem to be in fair shape and the tournament followers should see some good basketball this year.

Fijis Edge LCA, TC

PGD barely scraped by LCA to win their first victory by one point (18-17). LCA led by Wright, could not supply the punch at the crucial moments. Big Tom Hodgett (PGD), a Chem. Eng. hopeful, did a fine job off the boards. Wright was high scorer for LCA with 8 points.

The boys from Phi Gam wrestled their second victory from TC with another one point win (17-16). Cheney was high scorer for TC with 8 points, while work horse Muccino did a fine play-setting and ball-handling job. Judd and Hodgett with 11 and 10 points respectively are leading the boys from Phi Gam.

SAE Looks Strong

SAE had an easy time their first time out, taking TC over the boards to the tune of (34-20). The boys from Humboldt Ave. worked well together and played in mid-tournament form.

Their second time out SAE didn't have quite as easy a time against PSK but they still looked good. They took this game by 8 points (26-18). Schmucki with 17 and Willard with 15 points hold the scoring honors for SAE.

Sig Ep Splits Two

SPE opened their season by beating PSK (26-18). Red Shattuck is the big gun at Phi Sig with 17 points.

On the second try, Sig Ep was nosed out by TKP by 1 point (25-24). Gunner McCormick was high man for Theta Kap with 8 points while Borski and Besselièvre have totals of 15 and 13 points respectively, for two games.

In another thriller, ATO beat AEP by 1 point. ATO pulled ahead in the first half, but AEP led by Goldstein with 8 points kept hammering away and when the claxon sounded ending the game ATO was on the top of a (22-21) score. Carlson (ATO) led all scorers with 10 points.

Scoring Leaders

After the first week's competition, Schmucki (SAE) and Shattuck (PSK) with 17 points each are leading the pack in the battle to decide a new scoring champion to replace Ro Ventres (TKP), last year's high scorer. Willard (SAE) and Borski (SPE) with 15 points and Besselièvre (SPE) with 13 are close on the heels of the leaders.

notice

Meetings Daily 4:00 P.M.

jay's corner

Alumni Association Makes Like Duz

Anyone who has investigated the activities of our college has found a complex system of administrative offices which handle the business. Among these administrative offices, one of the most important is that run by the Alumni Association.

Fund — Founded

The Alumni Association was founded in 1873; and on July 30 of that year, it held its first meeting in Boynton Hall. In 1891, the Association was incorporated which meant that it was no longer a part of the school in the strict sense of the word. As an independent body, it raises its own funds and elects its own officers. Up until 1924, the capital required for the operation of the organization and other direct contributions to the college was obtained through annual dues; however, in that year the Alumni Fund was formulated. This system of Alumni Association operation as we know it today, depends solely upon annual contributions from the alumni for its survival.

When the organization was first founded, it admitted only graduates. Today however, all the graduates are automatically members; and those

who have studied for at least one semester at Tech are permitted to join. At the present time, the Alumni Association has a strength of 5,300 members behind it. Of these, about 1,000 are non-graduates.

District Chapters

The overall purposes of the Alumni Association are to stimulate, maintain, and increase alumni interest in the affairs of W.P.I. and then to convert this interest into utility to the Institute. In attaining these goals, it is necessary for the office of the Association to keep accurate records on the activities and whereabouts of all the alumni. It is also necessary to maintain as many contacts with the alumni as possible so that interest can be built. One way of doing this is by means of the *Journal* which is issued six times a year. A member of the organization automatically becomes a subscriber when he contributes to the Fund. The second method of instilling interest in the alumni is through the medium of the District Chapter Program. This program utilizes the 20 alumni chapters scattered from coast to coast. In effect these chapters, through their social pro-

grams, create interest by bringing together men who have common educational and professional backgrounds. In addition, they also provide a source for making new acquaintances and contacts. A third way of stimulating the enthusiasm of those who have left the school is through Reunions and Homecomings. As in the case of the district chapters, it is at these affairs that the alumni make new contacts and meet old friends. Consequently, two goals are accomplished; namely the graduates have an enjoyable time and their interests in the school are aroused.

Cash on Hand

As for converting alumni interest into usefulness to the college, one of the ways is through the medium of the Alumni Fund. In considering the percent of alumni contributing to the Fund, W.P.I. has in recent years consistently ranked among the first five colleges in the country. As high as fifty-five per cent of the alumni have contributed to the Alumni Fund. The Alumni Fund is often referred to as the "Living Endowment"; for as such, it contributes yearly toward the expenses of the school. In recent

years, the Fund contributions have amounted to about \$34,000. This account has either directly or indirectly been used to help defray the college expenses and represents an amount equivalent to the interest which would be produced by approximately \$1,000,000 of the Institutes endowment.

Talent Scouting

In addition to aiding the school financially, the Alumni Association has taken on what is known as the Promotion Program. This program is divided into three parts. The first of these is known as the screening program which employs the above mentioned district chapters. It is the task of the chapters to obtain personal interviews with those who wish to matriculate at W.P.I. From these interviews, the chapter submits a report on the qualifications of each individual. This report is used by the Admissions Office in selecting the incoming classes. The second function of the Promotion Program is that of sponsoring the Techni-Forum. Through this promotion effort, high school principals, prep school headmasters, guidance directors, etc., are

brought to the W.P.I. at Alumni Association expense so that they may see first-hand what W.P.I. has to offer. The third phase is that of actively seeking desirable boys who will, if admitted to the Institute, contribute to the campus activities of the school both scholastically and otherwise.

Actually this does not complete the scope of the Alumni Association activities, for there are many more (including student aid and scholarships) to be added to this summary. In any event, the scope of the Alumni Association is enough to keep Mr. Donald Smith, Alumni Secretary-Treasurer, and four office personnel more than busy.

Interclass Title

(Continued from Page 3)

as he dunked in eleven points. Bradlaw and Shattuck of the Seniors followed with nine each.

Sophs Win Finale

The final game of the series, played Tuesday afternoon proved to be the most thrilling. The Sophomore power and height finally wore down the Junior brigade and the youngsters became champions by a 22-20 victory. Although this game lacked some of the clowning and fight of the previous day's games, probably the best brand of basketball was shown in this fray. The Junior team showed fine team play with all five men figuring in the scoring. The Sophomores hooping combination of Richie Howard and Andy Freeland plus fine rebounding by Walt Kolodne gave the victory to the men of '51.

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C. M. Olson, Ph.D., Phys.Ch., Chicago '36, and C. H. Winter, Jr., B.S.Ch.E., Virginia Polytechnic Institute '40, removing 100-lb. titanium ingot from furnace in heat-treating study.

chemicals to plastics and textile fibers—college trained men and women work in congenial groups where they have every opportunity to display individual talent and capabilities. Who knows what their contributions will mean in the future to science and the world!



R. C. Reidingar, B.S.Ch.E., Princeton '47, and T. D. McKinley, B.S.Ch., Worcester Polytechnic Institute '35, making a test of the hardness of ingots of Du Pont titanium metal.

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DU PONT
For Students of Science and Engineering
Digest

PRODUCING METALLIC TITANIUM FOR INDUSTRIAL EVALUATION

Du Pont group research developed a pilot plant with daily capacity of 100 pounds

Du Pont research has just made available to industry what may become one of America's key structural materials, titanium metal. Midway in density between aluminum and iron and with an especially high melting point, silvery-white titanium offers an extraordinary combination of strength, lightness, corrosion resistance and hardness.

Titanium is the ninth most common element. But it has been slow in coming into its own as a metal because of the difficulty of separating it in pure form from its ores.



Men pictured on this page were members of titanium research team. E. L. Anderson, A.B.Ch., Brigham Young '40; J. B. Sutton, Ph.D., Phys.Ch., West Virginia '35; A. R. Conklin, M.S., Phys.Ch., Georgia '40, are shown inspecting 300 lbs. of Du Pont titanium metal sponge.

Du Pont scientists first began to probe the possibilities of metallic titanium in the course of their long experience with the titanium oxide pigments. Their research was interrupted by World War II. Meanwhile, the U.S. Bureau of Mines laboratories succeeded in producing the metal for research purposes.

After the war, Du Pont scientists developed a process for the production of ductile titanium metal that can be scaled up to meet commercial demands. The research team that mastered the complex problem consisted of chemical engineers specializing in design and production, as well as chemists and a metallurgist. In September 1948, a pilot plant was opened with a daily capacity of 100 pounds. Titanium metal is now being produced in sponge and ingot form. Samples are available to industrial and college laboratories with research projects in related fields. Studies of methods for forming, machining and alloying are under way.

Exhaustive studies will be necessary before the many possibilities of titanium metal can be known. Because of its high ratio of strength to weight, early uses may be in airplane power plants and structural parts. Its hardness and rust-resistance recommend it for railroad transportation equipment, marine power plants and propellers, and food packaging equipment. Its high melting point suggests use in pistons, and its resistance to electric currents points to electronics. Titanium wire may be used for springs and titanium sheet for such highly stressed parts as microphone diaphragms.

Your Opportunity in Research

The commercial development of titanium metal is a typical example of Du Pont research in action. However, the Pigments Department, which worked out the process, is but one of the ten Du Pont manufacturing departments. Each conducts continuous research. Each operated much like a separate company. Within these "companies" whose interests range from heavy

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