



TECH NEWS



New Promotions and Appointments to Faculty Announced Last Week

All Departments to Be Effected by Shift in Personnel

At the annual meeting of the Board of Trustees which was held at Worcester Polytechnic Institute on June 14, 1947, President Cluverius made pronouncement of promotions in the faculty and of new appointments to the teaching staff.

The following promotions were effected: Bernard Leighton Wellman to full Professor of Mechanical Engineering; Major William Longwell to Associate Professor of Civil Engineering; Robert W. Pitchard to Assistant Professor in Physical Education; Richard Cobb to Assistant Professor in Mathematics; Warren Zepp and Frederick Anderson to Assistant Professors in Mechanical Engineering; William Wadsworth and Donald Alexander to Assistant Professors in Electrical Engineering.

Among the new appointments to the teaching staff is Professor Douglas E. Howes, B.S., W.P.I. 1920, to the Department of Electrical Engineering. Professor Howes was research assistant at W.P.I. from 1920-22. He received his M.S. in Physics in 1922. Since 1923 he has served as Professor of Electrical Engineering at Norwich University.

Also new to the Electrical Engineering Department is Professor James E. Mulligan, B.S., University of Maine, 1925. He was appointed to the staff at M.I.T. in 1925 where he earned his Master's degree and served until 1942. He joined the Naval Ordnance Laboratory early in 1942, and directed the program of determining the countermine characteristics of mines, depth charges and torpedoes.

Ernest D. Phelps was appointed as Assistant Professor in Economics, Government and Business. Professor Phelps received his B.A. in Economics at Arcadia, Nova Scotia, 1934. He was granted his M. S. in Economics at Kansas State University 1946. From 1946-47 he was Assistant Professor of Economics at Evansville College, Indiana.

Appointed as Instructors in English are Ernest W. Hollows and Philip B. Clarkson. Mr. Hollows received his B.A. from Clark University in 1943. He has served as instructor in English at William and Mary College and Virginia Polytechnic Institute. Mr. Clarkson has been an instructor in English at Wesleyan University, Middletown, Conn. where he received his A.B. in 1945.

Richard B. Allen was appointed as
(Continued on Page 3, Col. 5)

Edmund J. Eager Is Editor-in-Chief of 1948 "Peddler"

Books To Be Distributed To Underclassmen First Under Priority System

The graduating seniors on the editorial and business staff of the *Peddler* held a meeting last week to elect their successors for next year's staff. The results of their election is as follows: Editor-in-Chief Edmund Eager; Managing Editor, Paul Evans; Business Manager, Sal Intagliata; Photography Editor, Norman Jardine; Advertising Manager, Al Riley; Senior Editors, Lou Block and John Petrillo; Asst. Business Manager, Jack Meade; Business Asst., Donald Hall; Junior Editorial Assts., Rene Bachand, Fran Bigda, Arthur Dinsmoor, Jack Gallagher, Bill Julian, Jack Mullaney, Ray Remillard, Gino Santandrea, Bob Van Amburgh, and Donald Weikman; Junior Business Assts., James Adams, Sid Baldwin, Phil Barbaccia, Fred Brennan, Tom Carlin, Dick Coughlin, Earl Cruff,
(Continued on Page 2, Col. 1)

WPI Chapter ASME Elects Al Riley '47-'48 President

The W.P.I. chapter of the ASME held its last meeting of the year Thursday afternoon, June 19, at 4:00 p.m. in Higgins 109. The meeting was opened by President Jack Williams. Transfer forms were given to the graduating members of the chapter. These forms enabled one to become a junior member of the society. It was voted to ask Professor Price to become the new Honorary Chairman of the W.P.I. chapter. A suggestion was made that the new president work in closer conjunction with the honorary chairman in order to have a better program of speakers ready for next year. A slate was nominated and votes were taken, and the new officers of the ASME, W.P.I. chapter are: President—Al Riley; Vice-President—Bob Manahan; Secretary-Treasurer—Bob Ballard. A discussion on the activities of the ASME after graduation was held, and many questions were asked about the membership requirements and the publications of the ASME for the engineers out in the business world. A certificate was awarded to graduating President Jack Williams in recognition of his excellent services to the W.P.I. chapter in the past year.

Senior Dinner Dance To Be Gala Affair

Seniors Wine and Dine Their Dates For the Last Time As Students

In case it has slipped your mind, we want to remind you of the coming Senior Dinner-Dance on July 1st. With the plans as they stand, it should be a grand send-off; something really to remember as the last time we were together as a class.

Held at the Wachusett Country Club, high on a hill overlooking West Boylston, seven miles from here, the party will start with a hearty roast beef dinner at 7:30 P.M., following which there will be dancing until one in the morning. The ball-room, cocktail lounge, and starlit terrace promise anything but a boring evening. To make doubly sure that the dancing is a complete success, Eddy Sham's Orchestra has been imported to give us the music we want, when we want it. Eddy has made clear that he welcomes requests, and his repertoire is diversified and completely capable of fulfilling your desires. It will be the chance to dance with your best girl for the last time as a student; to dance to "that song you'll always remember."

Featured with Eddy Sham is vocalist Elinor Fairchild who has sung with such famous orchestras as Tommy Reynolds', Hal MacIntyre's and Mal Hallett's. And in case you haven't heard of Eddy, let it suffice to say that some of his band have played with such orchestras as Jan Savitt's, Bob Chester's and Hal MacIntyre's!

Remember—it's our last get-together of our college days! That's Tuesday, July 1st. Call your girl right away, and then get your tickets from Ray Laferriere.

Wins Scholarship To World Study Group

Peter Q. Yang, son of Mr. and Mrs. S. Z. Yang, 311, Lane 668 Yuyuen Road, Shanghai, China, '50, has been awarded a scholarship to the twenty-third Institute of World Affairs.

This summer the session on "Roads to World Peace" will be held at Twin Lakes, Salisbury, Conn., July 16th to August 27th, with Dr. William Y. Elliott, professor of government at Harvard University, as director. His Seminars include an examination of the security policy, atomic energy problem and disarmament; economic reconstruction and the substitution of some form of world trusteeship for imperialism. Other subjects are the
(Continued on Page 3, Col. 1)

Class of '47 to Participate in Seventy-ninth Commencement On July Second

New National Honorary Society For Tech Campus

Pi Delta Epsilon Selects Eleven Men For Local Chapter

A new honorary society, Pi Delta Epsilon, is being established on the Worcester Tech campus. Plans formulated some months ago have resulted in completion of the local organization which has since petitioned to the Grand Council of the National Organization for recognition. The petition is now being acted upon by the National and the outcome will be made public in the fall.

Pi Delta Epsilon was organized in 1909 at Syracuse University, and has since expanded to seventy college campuses throughout the United States. Among the purposes of the society is to "foster the mutual welfare of student publications; to develop the truest fraternal spirit
(Continued on Page 3, Col. 1)

Mr. Hedlund Speaks To Civil Society in Boynton Hall

The W.P.I. student branch of the American Society of Civil Engineers met Thursday night, June 10, in Boynton. Plans for the picnic to be held on Saturday, June 21, at the Civil summer camp at Chaffins were completed and a report on the N.E. student chapter convention at Brown University was given. The Brown convention was well attended by Tech civils who reported having an enjoyable time.

For the main part of the program, Mr. Willard Hedlund spoke on "Municipal Aspects of Civil Engineering". Mr. Hedlund, a graduate of W.P.I. '10, is highly qualified to speak on the subject since he is a municipal engineer for the city of Worcester and at present Superintendent of Public Buildings. His talk covered the civil service requirements and other phases of municipal engineering with much emphasis on building codes. Building codes have been used since the days of the Egyptians and many interesting side lights were presented by Mr. Hedlund as he traced the changes in codes through the years. The importance of building codes for the public safety can not be over-emphasized.

Following the talk, refreshments were served and Mr. Hedlund answered questions.

J. L. Perry Will Give Address at Commencement

'47 Candidates For B.S., M.S., and Professional Degrees From Tech

Graduation exercises will begin on Sunday, June 29, with a procession to the Baccalaureate Service at Central Church, Salisbury St. The procession will be lead by the seniors, followed by graduate students, instructors, assistant professors, full professors, heads of departments, trustees, heads of degree departments, clergy and president in that order. The Baccalaureate Service will begin at 8:00 P.M., and the Sermon, "Architects for the New Day", will be delivered by Rev. George A. Fallon, D.D., minister of Wesley Methodist Episcopal Church. Refreshments will be served in the church parlors immediately following the Service.

On Class Day, Tuesday, July 1st, the laboratories, shops and buildings and swimming pool will be open from 10:00 A.M. to noon for inspection. The Class Day Exercises will begin in Alden Auditorium at 3:00 P.M. Roger Perry will be Class Day Chairman. The Class Oration will be given by George Schupp, and the Baccalaureate by Yazbak Sarkees. The Class Gift will be presented by William Boyd. The gift will be a fund towards starting a coffee shop for Tech students. The Tree and Ivy dedication will be made by Joseph Hearne.

After the Exercises there will be a reception in Sanford Riley Hall for the Graduating Class and their friends, Trustees and Faculty and their families.

The Graduating Exercises on Commencement Day, Wednesday, July 2nd, will begin at 10:30 A.M. in Alden Auditorium. The 79th Commencement Address will be given by Mr. J. Lester Perry, president of the Columbia Steel Co. His subject will be "The Need and the Man". Mr. Perry is a Worcester man who began at the Worcester Steel and Wire Co., and later became president of the Carnegie-Illinois Steel Corp.

There are 123 candidates for the Degree of Bachelor of Science, 18 candidates for Master of Science and one candidate for the Professional Degree of Mechanical Engineer. They are:

PROFESSIONAL DEGREE OF MECHANICAL ENGINEER

Howard Gilbert Freeman, WPI '40
(Continued on Page 4, Col. 1)

TECH NEWS

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

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

TERMS

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

Editorial

Did you enjoy the assembly last week? Remember; the various awards, the election of officers, the announcement of lettermen, the playing of the band; these were all things that helped to make the assembly interesting. These occurrences, however, happen every year; yet, this was one of the most significant assemblies that Tech has ever had. What took place toward the conclusion of this student assemblage is the incident that will stand out most in the minds of those who were present.

At this time, the Athletic Council stated their recommended rule amendments to their Constitution concerning letter awarding to men competing in varsity sports. When these were adopted, it represented a definite achievement, not only to the sports-minded, but to every student on the Hill as well. The various changes are printed elsewhere in the paper; therefore, we shall not repeat them except to say that now, many more individuals will receive letters for what once was their thankless efforts.

The significance of these rule changes may not be apparent to the non-partisan of athletics. These amendments, however, made for the benefits of students were achieved through the strenuous efforts of students. Thus, the students wanted these changes; and so, they were thereby able to attain them. It should therefore offer a feeling of security and liberty to every student on the campus to know that here at Tech, he can speak up for certain changes when they will in general benefit the school. Toward this end, the TECH NEWS has played a major role. For many seasons now, it has written several times advocating these changes to take place, while it has always welcomed and still does welcome letters to the editor from the students or faculty either praising or criticizing various school policies.

These rules have finally been adopted through the conscientious efforts of the retiring Athletic Council officers and Professor Carpenter. We members of the student body can show our gratitude to them by showing them that we are 100 per cent behind them in the adoption of these rules. Those of us who are sports participants should turn out en masse at the initial practices with renewed spirit and determination to "earn that letter". Those of us who do not participate should turn out en masse to cheer our classmates on the field on to victory. Let's not wait for the other guy to start, let's start it ourselves; and what could be a better time to start than next fall for our new coach, our new spirit, and our new letter system.

L. C. B.

"Peddler" Elections

(Continued from Page 1, Col. 2)

Walter Dick, Bernie Kawecki, James Peepas, Fran Holden, and Frank Woton; Sophomore Editorial Assts., Rollie Bedard, Walt Dennen, and Ray Girard; Sophomore Business Asst., Neil Crowley.

At the same meeting the business staff worked out a plan for the distribution of the '47 Peddlers. Due

to the fact that the year book is to be printed at the rate of only 50 per day, the following system was devised. First to receive their books will be out-of-town underclassmen; next in line will be the city students who, even when they leave, can be easily reached; finally the seniors will receive theirs. The seniors are last because they will be here till

(Continued on Page 4, Col. 5)

Fraternity News Bits

By MAL GORDON

For the next few months, activities at the Fraternities for all practical purposes will be at a standstill. Some unlucky few will be residing in the houses for summer practices while the rest will be enjoying themselves at resorts, beaches, jobs, etc. or just plain loafing (not that the previous aren't).

ATO celebrated its 1000th regular meeting with a party at Bob Scott's home in Paxton on June 14th. Sig Ep had a hike and picnic on Mt. Monadnock on May 25th. (Hope they didn't hike from here to the mountain.) Phi Sig finished off the year with the annual senior house party last Saturday. SAE also held a smoker for the seniors and just the thought of vacation. Theta Kap held a senior banquet June 19th at Putnam and Thurston's. All the seniors received an engraved beer mug. They were also surprised the following night when a party was held in their honor when they expected a formal meeting. The party was run by Mr. and Mrs. Jack Quinn who planned everything and supplied the dates.

Congratulations are in order for engagements to Manahan and McIntyre of ATO; G. Bernard and C. Ackerman of SAE; and Fran Bliven of Sig Ep has announced his marriage to Miss Shirley Geisler.

New initiations are: J. Tomasz, Art Murphy, and C. Ahlstrom, ATO; J. Archibald, PSK; S. Spaneas, Al March, C. Gure, D. Crittenden, SAE. All the above men are Freshmen.

Elections for next year at PSK are Pres., Leland Gray; Vice-Pres., Donald Shattuck; Secretary, Richard McMahan; Treasurer, George Allen. At TKP the officers elected were Pres., Sal Intagliata; Vice-Pres., John Petrillo; and Secretary, Ed Desaulniers.

Romeo J. Ventres A.I.Ch.E. Chairman

Doctor Harold E. Graves of the Department of Chemical Engineering and Chemistry has accepted the position of faculty advisor to the recently reactivated student chapter of the American Institute of Chemical Engineers. In a preliminary address, Doctor Wilson, head of the department, stressed the importance of membership in the AICChE after graduation.

The first step in the reactivation was the election of officers for the school year 1947-1948. In a close election, Romeo J. Ventres was elected chairman of the society for the coming year, Gino J. Santandrea, vice-chairman, Ronald A. Moltenbrey, secretary, and John J. Wheeler, treasurer. An interesting note about the secretary's election was the deadlock encountered in the balloting. For three ballotings half of the forty-two "chem-engines" present voted for Ron Moltenbrey, and half for Bill Dorman.

Worcester Music Festival to Feature Philadelphia Symphony, Other Favorites

The Worcester County Musical Association announces the programs and soloists for its 88th Worcester Music Festival in the Auditorium, October 13 to 18, a week of the world's greatest music. Six concerts will feature the Philadelphia Orchestra, Eugene Ormandy, Conductor, and Alexander Hilsberg, Associate Conductor. Walter Howe, Music Director, will conduct the Festival chorus of 400 voices.

The soloists include Jennie Tourel, famed Metropolitan mezzo-soprano, one of the world's finest recitalists; Felix Knight, brilliant Metropolitan American lyric tenor; Mack Harrell, baritone, leading member of the Metropolitan; Virginia MacWatters, famous young American coloratura soprano; Luboshutz and Nemenoff world-renowned duo-pianists; Brenda Scolovsky, outstanding pianist; Brenda Lewis, soprano now starring with the New York City Center Opera; and Clifford Harvuot, baritone heard here in 1941. Paul Tripp, author of the musical fable, *The Story of Celeste*, will act as its narrator at the Concert for the Young People on Saturday morning.

The Fourth Annual "Concert of Familiar Musical" begins the season on October 13 with the following orchestral works: Sibelius' *Finlandia*; Bach's Prelude from *No. 6 Partita*; Kreisler's Viennese Waltz *Schoenrosamarin*; McDonald's *Rumba* from *The Rumba Symphony*; *Flight of the Bumble Bee* by Rimsky-Korsakov; and Strauss' Waltz, *Tales from Vienna Woods*. The short choral works to be presented are: Nikolai-Schumann Motet: *Wake, Arise, A Voice is Calling*—with organ and piano—an two cappella choruses; *Morrey's Now is the Time of Maying*; and Gibbons' *The Silver Swan* by the Festival Chorus. Virginia MacWatters, soprano, will appear twice in arias.

On October 14 the first subscription concert by the Philadelphia Or-

chestra will present Gretry-Mottl's Ballet Suite from *Cephale et Procris*, Revueltas, *Sensemaya*; R. Strauss, *Death and Transfiguration*. The Festival Chorus will render Bach's *Jesu, Joy of Man's Desiring* with organ and aboe obligato; Handel's *Coronation Anthem*; and Mozart's *Concerto for Two Pianos* by Pierre Luboshutz and Genia Nemenoff, Duo-Pianists.

"Composers' Night" on October 16 will provide the first Worcester presentation of Walter Howe's *Ode to Youth* for chorus, and orchestra. The evening will also provide the premier of George W. Volkel's *Symphony of Psalms* for chorus and orchestra, and Clifford Harvuot, baritone soloist. Wagner's Prelude to Act III of *Lohengrin* by the Philadelphia Orchestra, and Zadel Skolovsky's presentation of Grieg's *Piano Concerto in A Minor*.

"Artist's Night", October 17, will present five arias by Jennie Tourel, Metropolitan opera mezzo-soprano. Tchaikovsky's *Roméo and Juliet* Overture, and Stravinsky's *Firebird Suite* presented by The Philadelphia Orchestra, and Borodin's *Polovetzian Dances* from *Prince Igor* for chorus and orchestra, finish the evening's program.

October 18 completes the Festival with an all-Beethoven program. Overture to *Fidelio* and Aria from *Fidelio* by Brenda Lewis, soprano, and *Symphony No. 9 in D Minor*, for orchestra, soloists and chorus begin the program, followed by soloists Jennie Tourel, contralto, Felix Knight, tenor, and Mack Harrell, baritone.

At 11 A.M. the "Concert for Young People" will be conducted by Alexander Hilsberg. Kleinsinger's musical fable, *The Story of Celeste*, with Paul Tripp as narrator, Familiar orchestral compositions by Mozart, Haydn, Beethoven, Schumann, Schubert, Ippolitov-Ivanov, and Tchaikovsky will be the presentations for the Concert.

Say It With Music!

Let the Sigma Chi's look well to their laurels; let the Sigma Nu's polish up their "White Star"; this is the advice of Sammy Kaye and Sonny Skylar, who have written the fraternity song which they expect will become a national favorite: *The Flower of Theta Chi*. Victor will soon release Brother Sammy's recording of the tune, and we wouldn't be surprised if Johnny Bothwell, another good Theta Chi from Indiana U., recorded it for the Signature label. Bothwell was disappointed that his arrangement wasn't ready when the band played for Tech's recent Junior Prom.

The Heffernan Press

150 Fremont Street, Worcester

Printers to Both Students
and Faculty for Forty
College Publications

Printers to THE TECH NEWS

Kaye's earlier composition, *The Dream Girl of Theta Chi*, has long been a favorite among fraternity men.

In publishing its last issue of the '46-'47 school year, the TECH NEWS wishes to express its thanks to all of its contributors for the excellent writing and cooperation in making this another banner year for the publication.

Worcester Telegram

The Evening Gazette

Sunday Telegram

Radio Station WTAG

CAMPUS QUOTES

Instead of the usual controversial subject, the column this week will be concerned with facts which are of interest to all students at Tech. The question to be answered is: "What are the types of jobs being offered to graduates of this school, and what starting wages are being offered?" Only one man was called on to answer this question, for he knows more about the subject than anyone else here. That man is Professor Paul Swan, Director of Public Relations. It is to his office that representatives of industry come in search of new blood, and it is his job to arrange interviews between the industrial representatives and the students.

The facts which he gave are as follows: Over a hundred industries are looking for graduates of engineering schools to augment their staffs. There could be five hundred men in the graduating class and it would be possible to place every one of them in a good position. Large companies, such as I. E. DuPont and General Electric, are hiring hundreds of engineers every year. Some other organizations are looking for a few dozen men, and some small companies want only one or two graduates.

The types of positions offered cover the entire field of engineering. Men are wanted for work as research assistants, production supervisors, designers, time study men, and trainees, to be placed in the positions for which they are best suited. Industry today realizes that a college education must be supplemented with additional training in the particular methods of the company. Most com-

panies offer excellent training courses, some for as long as three years. Many men take these courses and then move on to excellent positions with smaller companies.

Most companies offer the same starting wage, about \$225 per month. In many cases this is increased, depending upon the qualifications of the applicant. Professor Swan stresses the fact that the highest starting wage does not necessarily indicate the best job. He feels that employers will offer more when the job is not a stable one, for good men do not like to take positions which might not be permanent, and as a consequence higher wages must be offered to draw the capable men.

Here are the names of a few of the companies who wish to employ Tech graduates this year: Rockwood Sprinkler Co., of Worcester, wants graduates of any department for training in fire protection layout. Worcester Gas Light Co. wants Chemical, Mechanical and Civil Engineers. Penn. Railroad is looking for Civil Engineers. Socony Vacuum Oil Co. wants M.E., C.E., Chem. and Chem. Eng. graduates. All types of engineers are sought for Civil Service work. Bigelow Sanford Carpet Co. is looking for Chemical Engineers. U. S. Rubber Co. of Woonsocket, R. I. wants Electrical Engineers. The DuPont Co. wishes to hire Chemists, and Chemical and Mechanical Engineers. Western Electric, Bell Labs and Operating Telephone Companies want men from all departments. The Norton Co. of Worcester also employs men from all departments.

New Honorary Society

(Continued from Page 1, Col. 4) among its members; and to encourage loyalty to their Alma Mater."

Dr. Albert J. Schweiger, Head of the Department of Economics was selected for membership in PDE during his undergraduate days at Hamline University, and is now acting as faculty advisor to the local group. Other faculty members in the chartering group include Dean Paul R. Swan, Dr. Ernest D. Wilson, Prof. John H. MacKenzie, and others.

Men selected to membership in the local chapter for the coming year include: Louis Block, Edmund Eager, Paul Evans, Donald Hall, Salvatore Intagliata, Norman Jardine, John Meade, Ronald Moltenbray, John Petrillo, Albert Riley, and Richard Tracy.

Peter Q. Yang

(Continued from Page 1, Col. 3) possibility of Western European Federation, unification of China, the pacification of the Middle East, stabilization of India and the Southwest

STUDENT WIVES CLUB NEWS

By MRS. ROBERT SHAW

Well, gals, elections are over and Mrs. Kenneth Cooke takes over all Mrs. Raymond B. Phaneuf's trials and tribulations as president. A president's job is a hard one, full of responsibility and work and we of the wives' club do extend our thanks and congratulations to Helen Phaneuf for her leadership during the past year. Mrs. Robert H. Shaw was elected as Vice President, Mrs. Harry H. Mochon, Jr. as Recording Secretary, Mrs. Robert F. Dieterle as Corresponding Secretary, Mrs. Charles F. Gerber as Treasurer, Mrs. Richard J. Chaffee as Social Chairman, and Mrs. Harold B. Guerci as Publicity Chairman. Congratulations to all these girls, and here's wishing them a very successful term. We are very sorry to lose so many loyal members who are graduating, but we know they leave behind them (an apartment maybe??) many friends, many wonderful memories, many financial worries, and a thorough knowledge of engineering (and who are we kidding?). Of course, I mean the husbands are graduating from college but the course the wives have taken during the time their husbands were in college is a doggone hard one too and so we send our best wishes for a very happy and successful future to these seniors who will someday look back on all this and say "Those were the happiest days of our lives". I expect any day to pick up a best seller, written by one of the graduating wives, "Ninety Dollars and I" or "My Rival, the Slide Rule". We who are left to cope with such situations will be grateful for any literature telling us how to stretch ninety dollars or how to enjoy a quiet evening at home looking at the back of husband's head.

The last social function of the year was a steak roast which took place on Saturday June 21st and was free to all those girls and husbands who had paid their dues and put on the most successful food sale. We went in the hole giving the barn dance a while back but we surely had a good time going there. 'Twill be repeated next year I'm sure.

I guess this is the end of a lot of things. I will have to say so long and turn this column over to Eleanor Guerci but I will say it's been fun meeting all you wives through the TECH NEWS. I hope you got the chance to see the paper once in a while. This is your Wives' Club reporter signing off now and we'll see you next fall at the first meeting of the S. W. A. So long . . . Aren't vacations wonderful????

Pacific. A final week will be devoted to Latin American problems.

Orientation Courses will be given for European, Oriental and Latin American students during July, August and September. This will enable them to perfect their knowledge of English and to understand the way of life, customs and culture of the United States.

To The Seniors

It sure looks like you've passed 'em all; four years worth of prelims, reports and four full years worth of finals for good measure. Congratulations will be heading in your direction from all sources, but we ask you to accept our pat on the back as one more sincere note from those who know part of the story. The class of '47 has left its mark well defined at the Institute by playing a major role in reconverting Tech from a war college atmosphere to a more balanced college life.

Once again thanks, good luck, and may your well founded road to success commence on July 2nd.

ON AND OFF THE RECORD

By JACK SAUNIER

In the Record Department, there's much to report and not much space: Stan Kenton's *After You* is as good as his *Machito* and *Collaboration* are sloppy; *Somebody Loves Me*, another Capitol package, flaunts its whole stable of stars doing just so-so with Capitol exec Buddy De Sylva's best tunes; the Joe Mooney Quartet comes up with a bouncy treatment of *Meet Me at No Special Place*, backed by a good ballad; Frankie Laine serves notice in a new album of standard favorites that he is one jazz singer who can be a commercial hit,—witness his disinterment of the oldie *That's My Desire* and his better-than-Lund *Mam'selle*; Decca is starting to reissue the old Commodores through its regular sales channels, bringing to the general public some of the finest recorded jazz,—we're thinking particularly of the Roy Eldridge-Chu Berry sides, and some of Billie Holiday's best; Frank DeVol's arranging makes Margaret Whiting's fascinating *Old Devil Moon* a cinch for the pot of gold at the end of "Finian's Rainbow"; the Victor Red Seal album of music from "Duel in the Sun" shows that you can go to the movies with your eyes shut and still get your money's worth; the two sides of Charlie Ventura's *Moon Nocturne* display some fine Neal Hefti trumpet and good work by the leader throughout an excellent score, original but for the coda,—lifted bodily from an Eddie Sauter arrangement of *All I Need Is You* for Benny Goodman, circa 1941.

In the Radio Department, things look bright for hot weather listeners, with most of the big shows substituting a musical program for the summer months. Best bet will probably be the Hour of Charm replacement, emceed by Woody Herman and featuring Peggy Lee and Dave Barbour's combo augmented to studio size. Boding well for the discerning ear is the

prospect of Georgia Gibbs with David Rose's orchestra, in for the Eddie Cantor show, while the Supper Club stanzas will be split up between the Tex Beneke-Glenn Miller aggregation and Frankie Carle's ork. Paul Whiteman is the ABC net's white hope in the disc-jockey field with an hour show through the hot months, and Bob Crosby returns to the air with a five-a-week effort for guess what soup in the red-and-white label, hoping perhaps to recapture the Dixieland jazz of his salad days; who knows, maybe the raccoon coat will come back too. The Page Cavanaugh Trio points up an already scintillating comedy show filling in for Jack Benny, headed by one Jack Paar, who looks like a lot of competition for Henry Morgan; Trudy Erwin's tasty ballads help make this half hour the smash hit of the summer.

And just as a footnote thought: far be it from us to begrudge an old man his comeback success, but now that Mammy Jolson has made his millions back, would it be too much to ask that he dry his tears and let his juniors take over from here? It would be a rest for both of us.

Faculty Promotions

(Continued from Page 1, Col. 5) Instructor in Physics. He received his Bachelor's degree in 1947 from Dartmouth College, majoring in Physics.

Joel Bengston, also appointed as Instructor in Physics, received his Bachelor's degree in 1947 from Trinity with a Major in Mathematics and a Minor in Physics.

The following men were appointed as Graduate Assistants: Irving R. Versoy, Jr., B.S. 1945 at W.P.I. to the Department of Electrical Engineering; Wallace B. Thompson, Jr., B.S. 1947 Williams College, and Edward T. George, B.S. 1947 W.P.I. to the Department of Chemical Engineering.

Tech Men Capture Awards For Original Ideas in E. E.

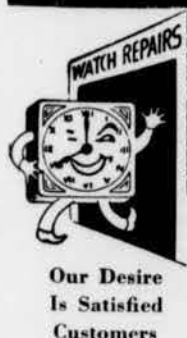
Three Tech men received prizes at the American Institute of Electrical Engineers convention. Thomas H. McCaw of the Electrical Engineering Department at Tech won first prize for the best student paper presented in the Northeastern district during the three years 1944, 1945, 1946. This award was based on the content of his paper "A Photoelectric Color Temperature and Exposure Meter". Last year Mr. McCaw was awarded first prize for the same paper submitted as a student paper at the convention in Buffalo, N. Y. This prize, however, was awarded for excellence in presentation rather than content, so now the paper as well as the presentation has won top prize.

The meter which Mr. McCaw has devised measures not only the intensity of the light, but also its quality. Because of this special fea-

ture, amateur photographers will find this meter an invaluable aid in obtaining color slides and motion pictures in true natural color. The meter is small and compact enough to be carried anywhere one could take a camera.

Martin J. Reilly, a graduate student, received first prize for the presentation of his paper at the student branch meeting. The subject of his paper was "A Compact 45 Kilovolt Surge Generator". Mr. Reilly had his generator on display at the convention. Its principle application is in testing of insulation at high voltages.

Capturing third prize for presentation was John G. Hambor with his student paper "A Circuit Breaker for General Household Use". While Mr. Hambor's invention did not occupy much space, it was of interest to all who have experienced fumbling about in the dark for a new fuse. The miniature circuit breaker is a handy little gadget, to say the least.



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Graduation

(Continued from Page 1, Col. 5)

MASTER OF SCIENCE

Chemical Engineering

- Frederick Bertrand Banan
- John Carver Bayer
- James Joseph Garmon
- Raymond Edward Herzog
- Russell Eustis Jenkins, Jr.
- Edwin Chester Kapusta
- Henry Ray Mitchell
- George Carl Nylan
- Edmund Stanley Oshetsky
- John Edward Rogerson
- Frederick Wilhelm Schneider
- James Joseph Shea
- Sydney Reginald Shell
- Albert Philip Talboys
- William Arthur Walsh, Jr.
- John Leonard Wilki

Chemistry

- George Victor Uihlein

Electrical Engineering

- Frederick Joseph Levitsky

BACHELOR OF SCIENCE

Mechanical Engineer

- Irwin Guido Benkert
- George Joseph Bernard, Jr.
- James Edwin Breed
- Robert George Chaplick
- John Murray Considine
- Wilfred LeRoy DeRocher, Jr.
- Vladimir Triphon Dimitroff, Jr.
- Eric William Essen
- Norman Nathaniel Feldman
- Warren Harding Fitzer
- Leslie Flood
- Lawrence Taylor Garnett
- Allan Glazer
- Alfred Edward Green
- Frank Albert Gross, Jr.
- Olavi Heimo Halttunen
- Joseph John Hearne
- Hazen Luertus Hoyt, III
- William Paul Jaegle
- Francis Earl Johnson
- Philip Bushnell Jones
- George Eaton Kent, Jr.
- Ernest Eugene Kimball
- Raymond Albert John Laferriere
- Alfred Frederick Larkin, Jr.
- John Lorenz
- Frank Louis Mazzone
- Jacques Louis Metenier
- Stanley Wilbur Morris
- Rowland Milnor Newcomb
- Guy Herbert Nichols
- Douglas George Noiles
- Paul Daniel O'Donnell
- Thomas James Passanisi
- Roger Newton Perry, Jr.
- Robert Foster Petersen
- Albert Henry Rawdon, Jr.
- Robert Hedley Rutland
- Gerald Dowd Ryan
- Philip Russell Scott
- Walter Albert Skers
- Waterman Goulding Warren, Jr.
- Sidney Bernard Wetherhead
- Adelbert Wilton Whitman
- John Norton Wholean
- John Henry Williams, Jr.
- Kimball Rutledge Woodbury
- Vincent Alfred Zike

Civil Engineering

- José Rafael Biamón
- Carroll Elmer Burtner

- Teddy Joseph Morawski
- Edward Theodore Swierz
- Davis Stewart Watson

Chemical Engineering

- David Vernon Bassett
- Henry Joseph Bove
- George William Broughton
- Kenneth Delbert Cashin
- Raymond Kenneth Chafin
- Frederick Mitchell Chakour
- Calvin MacKinnon Davis
- Leslie Morton Davis
- Edward Thomas George
- Roland Hervé Guay
- John Paul Hyde
- Douglas Stuart Miller
- Robert James Orrange
- Vernon Lawrence Petersen
- William James Rice
- Samuel Ringel
- Charles Carroll Tanona
- James Maynard Walker
- Malcolm Keith White
- Robert Speer Yoel Yoseph

Chemistry

- Ernest Spero Hayeck

Physics

- Morrel Herman Cohen
- Edward Clarke Perry, Jr.
- Irwin Thomas Vanderhoff

Electrical Engineering

- Matthew John Achramowicz
- Willard Johnson Adams
- Edwin Guise Baldwin
- William Wesley Ballard, Jr.
- Milton Delano Bartlett
- Robert Edward Begley
- William Edward Boyd
- Frederick Julian Burak
- Harold Leon Cole
- Harris Junior DuFresne
- John Everett Elley
- Robert Fletcher
- August Louis Flotteron
- Leo William Francis Geary
- Andrew Thomas Goettman
- Irving Goldstein
- George Hambor
- John Phelps Harding, Jr.
- Edward Arthur Hebditch
- James John Hierl
- Harry Lee Hoffee
- Herbert Edwin Johnson
- Richard Hayes Kimball, Jr.
- Daniel Witmer Knoll
- Daniel Glyndwr Lewis, Jr.
- William Longmuir
- Raymond Keith McIntyre
- Robert Charles Mark
- Frederick Wilson Marvin
- Robert Wilson Miller
- John William Mohn
- William Harrison Moulton
- Norman William Padden
- Malcolm Nevil Pilsworth, Jr.
- Roger Paul Roberge
- Yazbeck Thomas Sarkees
- George August Schupp, Jr.
- Russell Meredith Smith
- Edward Francis Supple
- Donald Bycroft Thompson
- David Morris Trotsky
- Kenneth Henry Truesdell
- Milford Raynor VanDusen
- Roger Burton Williams, Jr.
- William Allin Williams
- Robert Arthur Yereance

New Expansion and Maintenance Fund Begun at Tech

A plan to raise \$1,250,000 to meet the urgent needs of the Institute in regard to buildings and maintenance was announced on June 14th after the annual meeting of the trustees.

The fund planned would include enough additional endowment to maintain the Institute's high standard of instruction, as well as funds for additional facilities and proper physical maintenance.

One of the more important duties of this fund would be the construction of a new civil engineering building. This need was first expressed by Dr. Levi Leonard Conant, in 1912, then acting President of the Institute. This building would not only take care of the needs of the civil engineering department but would be an important adjunct to the work of all other departments.

This Collegiate World

(By Associated Collegiate Press)

An Indiana coed left a list with her roommate—to avoid confusion, she claimed. It read like this:

"If I get a call from:

Mort—I have a guest for the weekend.

Bob—I've gone to Naptown. Squeazy—Gone home. Don't ever expect to be back.

Richard—I'm in the library. Come on over."

The height of conceit is the person who works crossword puzzles with a fountain pen.

An outstanding Pomona College graduate, a history major, informed college buddies that he had failed. For while he had planned to work part time and attend graduate school, his aspirations seemed doomed. He had failed to pass the Painters, Paperers and Decorators union exam, disqualifying him for the part-time employment. But on second thought that isn't so tragic. "T'would be better if historians stayed historians and paperhangers stayed just paperhangers.

1948 "Peddler" Staff

(Continued from Page 2 Col. 2)

graduation in July, consequently will be the last ones to leave. Notices will be posted when the books are available to each group.

A very limited number of *Peddlers* will be available to those who as yet haven't put in an order. Any student desiring to purchase one, should contact a member of the business staff at the earliest possible date.

News-worthy Notes
for Engineers

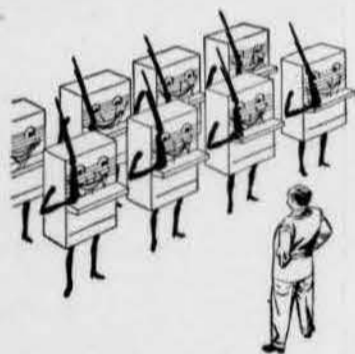


What's wrong with which wire?

Formerly, when switchboard cables failed to pass inspection, it was often difficult to determine which conductor was causing the trouble and what the exact nature of the trouble was. Not any more. Now, Western Electric engineers have developed a new test set that checks switchboard cables for the continuity of each wire... that checks the dielectric strength between each wire and every other wire and the ground shield. It automatically tests a cable of up to 320 conductors for continuity and insulation resistance in a total testing time of 35 seconds! If a defect is present, the faulty conductor and the type of defect is indicated visually.

Find the pinhole!

In the manufacture of coils for relays, ringers, etc., Western Electric uses tremendous amounts of enameled wire. The quality of this insulating enamel must be of the highest. So Western Electric developed a "pinhole" test set which reliably detects the most minute imperfections in the enamel coating as soon as it comes from the baking oven. This instrument helps greatly in maintaining quality standards and in establishing satisfactory sources of supply.



Rigid Inspection is the rule

Bell Telephone equipment, being precision apparatus, must stand inspection during each stage of its manufacture. Materials being used in manufacture... parts in process... partial assemblies... equipment after it is assembled and wired... all must be checked and rechecked to insure high quality of performance.

The design and maintenance of test equipment for such a wide variety of products calls for men with technical training and inventive resourcefulness.

This equipment must be fast and accurate in operation, and although it may be complex in design and construction, it must be simple to operate by the average worker. And, to facilitate mass production, test equipment of many different types is also required.

Here are just a few interesting examples of the many test sets Western Electric engineers have developed to meet these needs.



Looking at voices

A new method for testing the volume efficiency of telephone receivers has been introduced since the end of the war. Now, the output of a 0-3000 cycle per second, slow sweep band frequency oscillator is applied to the receiver and its output depicted upon a long persistence screen of an oscilloscope. Thus, an inspector can see the complete frequency response curve of the receiver under test and quickly classify defective receivers according to the nature of the defect.



Is it cracked on the inside?

In wartime especially, a large volume of non-ferrous rod stock was used. Testing it for internal flaws became imperative, yet no manufacturer of such stock had devised any method. Western Electric engineers came through with a device to do the job. One that not only located objectionable cracks and determined their thickness but also served as a precise thickness gauge for such materials as aluminum condenser foil... detecting differences of a fraction of a millionth of an inch in foil nominally two hundred millionths of an inch thick.

Manufacturing telephone and radio apparatus for the Bell System is Western Electric's primary job. It calls for engineers of many kinds — electrical, mechanical, industrial, chemical, metallurgical — who devise and improve machines and processes for large scale production of highest quality communications equipment.

Western Electric

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SPANNING THE SPORTS

By BILL JULIAN

Last week saw Sig Ep come through with a whirlwind finish to take the softball crown and by doing so gained enough points on Phi Sig to win the coveted Athletic Trophy. You may recall that this corner twice predicted that the cup would go to Phi Sig by a narrow margin, but SPE simply wasn't to be denied and beat out PSK by a 286 to 285 final point standing. The competition between these two houses has been neck and neck all year with only PGD ever having an outside chance. Congratulations to Sig Ep on their fine showing.

After an inauspicious start, Tech's slugging nine found itself in the final games of the season by upsetting a highly regarded Brown team 4-2, and then pounding out a decisive 5-0 win over Fort Devens on Ladies' Day with a bevy of feminine pulchritude cheering them on. Highlights of the Ft. Devens game were the outstanding twirling of Ross Chapin, who pitched a 4 hit shutout, and the home run clouting of Guy Nichols and Hal Schmucki. Next year the team should continue right from where it left off for only Nichols will be lost by graduation, and while his loss will be hard-felt, still the outlook is decidedly good. If Coach McNulty can uncover a catcher of Nick's ability and a couple more hurlers to help Chapin, the team could really go places next season.

Now that the Red Sox are back on their Fenway haven and playing their '46 brand of ball after a discouraging road trip, Boston fans are once again sure of an "in-town" series. It may well be a "subway series" come this fall but we doubt that it will be in Boston. The Sox look good in the American League providing they can get by the Yankees, but the Braves are still a year away from a pennant according to most sports-writers, simply because no one dares to sell the Cardinals short. The Red Birds shook the cellar dust from their shoulders last week and at present are climbing fast on an eight game winning streak. In order for the Braves to cop the pennant they must beat the Red Birds consistently and that is something that the Braves have never been able to do.

Balloting for the All-Star squads is still going hot and heavy with such favorites as Joe DiMaggio, Ted Williams, Country Slaughter, and Johnny Mize out in front in the popularity poll. Either All-Star array would be any manager's delight, and as our last prediction of the term we pick the senior league just to be different.

Coach Bob Pritchard is already hard at work on fall football plans. So far two meetings have been held and judging from the turnout, the spirit is high. Coach Pritchard, who believes in plenty of conditioning work, intends to start practice on Sept. 2nd—well before school starts. Players of varsity squad caliber are being invited to report on the 2nd and while it means sacrificing a week or two of summer vacation, the boys are all anxious and willing to get started early. While not predicting an unbeaten, untied, and unscored-upon season for the gridsters, your observer feels confident that Tech not only will score for the first time in two years, but will also garner its share of games.

Steve Ucich Wins Jack Dempsey Trophy As Tech Athlete of Year

In the last assembly of the present semester, Stephen Ucich was awarded the Jack Dempsey Adam Hat Sports Welfare Trophy. Steve has been very active in athletics here on the Hill. His sports career started in his Conn. High School where he was a letter man in both basketball and baseball. Continuing to excel in these sports, Steve has added to his collection by winning his "W" in the same sports at Tech. On the diamond the first base sack was held down by Steve as well as his center and guard positions on the gym courts.

The Jack Dempsey Trophy is sponsored by the Adam Hat Co. and is to be awarded each year to the outstanding athlete on the campus. Enthusiasm, co-operation and sportsmanship are the primary qualifications in this competition. It is hoped that the award will help to increase the upward trend in both

enthusiasm and support for athletics on the Hill.

Since Steve is now a member of the present Sophomore Class, the Tech nine and five can be sure of plenty of help from our outstanding athlete of the year for the next two seasons.

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Awarding of Varsity Letters and Class Numerals Given

At the final assembly of the year Professor Carpenter awarded baseball letters to Capt. G. H. Nichols, C. W. Carlson, R. I. Carlson, R. R. Chapin, J. C. George, A. Glazer, J. G. McKernan, J. F. O'Regan, H. A. Schmucki, and S. Ucich. Otto Kern was elected manager for next year's season; Walter Dick, ass't. manager, and J. G. McKernan was elected captain of the baseball team.

Track W's were awarded to D. B. Brown, C. G. Borg, A. G. DeLoid, G. K. Howe, S. Madwed, D. M. Jordan, A. E. Riley, C. R. Roberts, and M. K. White. J. S. Adams was elected manager and he will have R. J. Remillard and C. R. Olson as his assistants. The AWA was awarded to J. R. Adams, G. Barna, and C. Tidball.

Tennis insignia were awarded to L. Bressack, H. J. Dember, N. Fishman, H. J. Green, A. D. Hopkins, and L. B. Borst. Howard Dember was elected captain for next season.

The NWA in sailing was awarded to: J. H. Beckwith, W. L. Beckwith, K. R. Berggren, D. L. Brumbach, D. W. Flood, J. R. Hunter, D. L. McQuillan, R. E. Miller, and G. D. Pano.

As far as class numerals are concerned, bowling numerals were awarded to H. Meldin, H. J. Green, A. Horlick, and W. Julian of the class of '49. Rifle numerals were awarded to E. Dion, R. Gowing, J. J. Mallay, and R. Sanctuary, all of the class of '49. Numerals in swimming were awarded to P. Kahn, C. R. Olson, G. K. Howe, A. H. Dinsmoor, J. C. Wenning, W. L. Bowen, H. H. Brown, and H. Robertson, all '49ers. Members of the class of '48 who won numerals in basketball were: R. Bradlaw, J. Concordia, R. Cromack, A. Collins, and H. J. Dember. In addition to the class numerals, a cheerleader megaphone W was awarded to C. R. Burtner.

Jack Brierly Is Honored by Skull

Each year Skull awards a trophy to the freshman whom it believes has done the most for the freshman class and the college. This year the award was presented to John Brierly of Worcester, Mass. Jack is the hard working president of his class. He has spent much time in organizing the Frosh, a job which always takes much work and judgment. John matriculated at South High of this city. While at that school he was also very active in social as well as athletic affairs. He was on the championship track team of 1942, but a few years in the service has slowed him down a bit. Even so, the inter-fraternity track meet saw Jack winning a few heats in the dash events. Jack is a member of Phi Sigma Kappa.

Tech Athletic Council Adopts New Varsity Letter System

Chapin Hurls 5-0 Win Over Ft. Devens

Schmucki, McKernan Nichols Top Batters As Tech Romps

The old adage has it that lightning never strikes twice in the same spot, but the strong right arm of Ross Chapin, Tech's ace moundsmen from Springfield, doesn't seem to be worried about old adages. One short week after defeating a strong Brown University nine with a sparkling four hit performance, Ross shut out Fort Devens college 5-0 in another four-hitter. In evaluating his victories it should be observed that this was the same Fort Devens team which outhit Holy Cross earlier in the week and that Brown defeated Harvard a week after bowing to Tech.

In contrast to some of their earlier contests, the Tech nine really hit behind Chapin in this game. The Engineers opened things up in the first, when with two out, John George walked and went to third on rightfielder Whitey Zuhonen's misjudgment of Jim O'Regan's lazy fly. Successive singles to center scored George and O'Regan to put Tech out front 2-0 at the end of the inning.

The third counter was added in the fifth frame when Bill Carlson reached second as left fielder Jim Begley fell while struggling up the mountain range after Bill's fly ball.

Tech's fourth and fifth tallies came on a brace of lusty homers hit by Captain Guy Nichols and left fielder Smokey Schmucki in the sixth.

Jim McKernan, captain elect of next year's nine, paced the Tech hitting with three singles in four trips. Guy Nichols and John George each batted in two runs to lead in that department. The fielding gem of the day was third baseman George's backhanded stop of Thibeault's sharp wallop in the fifth.

TECH		ab	h	po	a
W. Carlson s		3	1	1	2
Ucich 1b		4	0	9	0
George 3b		2	1	3	4
O'Regan r		4	0	1	0
Nichols c		3	2	6	0
McKernan cf		4	3	1	0
Schmucki lf		4	1	1	0
R. Carlson 2b		4	0	5	2
Chapin p		3	0	0	3
Totals		31	8	27	11
DEVENS		ab	h	po	a
Kelly 3b		4	2	2	1
Begley lf		4	0	0	0
Marmo s		4	0	2	2

(Continued on Page 6, Col. 2)

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More Liberal Plan Will Allow For More Men to Earn Letters

At a general assembly, Wednesday, June 11, the student body unanimously passed new changes in athletic rules. These changes were proposed by the Athletic Council but needed the consent of the students before they could be made binding.

The purpose of the changes was to increase student participation in the various sports. The Athletic Council along with the students felt that the former rules were too stringent and did not coincide with those of other colleges. These have now been approved and read as follows:

Football—The varsity football W will be awarded to any student playing in 1/2 the periods of the schedule.

Soccer—The varsity soccer W will be awarded to any student playing in 1/2 the periods of the schedule.

Basketball—The varsity Basketball W will be awarded to any student playing in 1/2 the periods of the schedule. Playing at least five minutes in a half shall constitute a period. BWB will be awarded to members of the J. V. team as noted above.

Tennis—The varsity tennis TWT will be awarded to any student playing in 1/2 the matches of the schedule.

Track—The varsity track W will be awarded to any student winning five points in a meet, any points in the N. E. I. A. A. meets or nine points for the season.

Swimming—The varsity SWT will be awarded to any student winning five points in a meet, any points in the N. E. I. S. A. meet or nine points for the season.

Baseball—The varsity baseball W will be awarded to any player playing in 1/2 the total playing time of the schedule. Should a pitcher be ineligible under these conditions the awarding of a letter shall be at the discretion of the Athletic Council.

Cross Country—The cross country W will be awarded to any student finishing first or second in a dual meet, first, second or third in a triangular, or among the first ten at the N. E. I. A. A. annual meet. A CWC may be awarded to any student finishing within the first ten places in a dual or triangular meet.

To be considered for an award in any sport a student must remain on the squad throughout the season unless excused.

The TECH PHARMACY

Sol Harowitz, W.P.I. '22

Cor. West and Highland Sts.

Sigma Phi Epsilon Wins Athletic Cup By One Point

With the completion of the inter-fraternity softball competition, the final standings of the different fraternities in competition for the Grand Athletic Trophy was announced by Professor Carpenter. Winner of this coveted prize was Sig Ep, as they nosed out Phi Sig in the final standing by one point. The SPE boys finished up the year with a total of 286 points to the 285 that PSK was able to muster. Third in the league standing was PGD, followed by TX, TKP, SAE, ATO, AEP, and LXA in that order.

The Sig Eppers won the cup by virtue of their thrilling struggle to ultimate victory in the softball league. The regular season ended in a three-way tie between Phi Gam, Theta Xi, and Sig Ep. In the play-off games that resulted, Sig Ep drew a bye on the first round, while Phi Gam took on Theta Chi. PGD won this encounter, but then lost to Sig Ep in the final match.

SPE in winning the cup gained first places throughout the year, not only in baseball, but also in track and bowling. Phi Sigma Kappa, who finished a close second, gained first places in the relay and tennis. Phi Gamma Delta gained the swimming crown, while Sigma Alpha Epsilon copped top honors in basketball.

The final standings of the fraternities are:

SPE	286
PSK	285

PGD	273
TC	260
TKP	257
SAE	247
ATO	241
AEP	232
LCA	190

NOTICE: Fall Football Practice Begins On September 2

Tech Downs Ft. Devens

(Continued from Page 5, Col. 4)

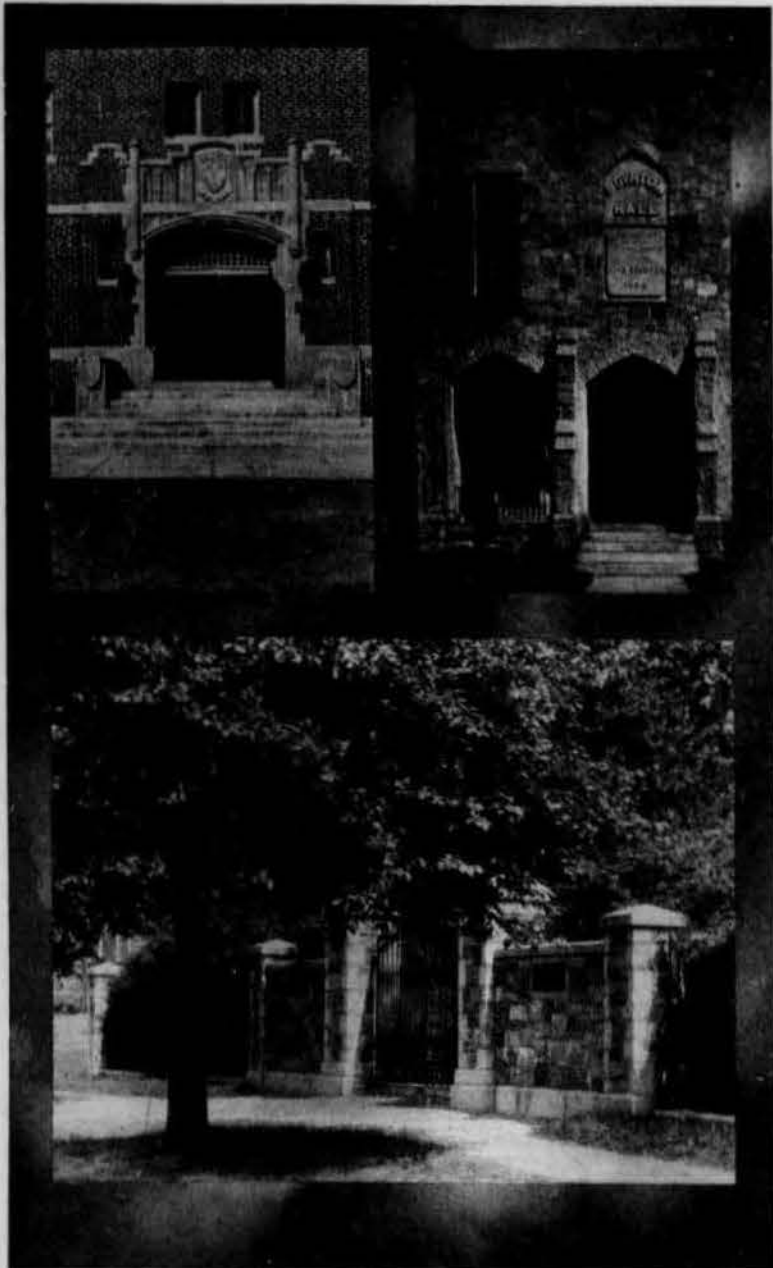
Horton 1b	4	0	9	0
Thibeault cf	3	1	2	1
Zuhonen r	2	0	2	0
Pinto r	1	0	0	0
Kenney 2b	3	0	2	3
Crimins c	3	1	4	1
Van Wart p	2	0	1	1
Ash p	1	0	0	1

Totals	31	4	24	10					
Innings	1	2	3	4	5	6	7	8	9
Tech	2	0	0	0	1	2	0	0	x-5
Devens	0	0	0	0	0	0	0	0	0-0

Runs—W. Carlson, George, O'Regan, Nichols, Schmuckl.
Errors—W. Carlson, George, Zuhonen.
Runs Batted In—George, Nichols 2, McKernan, Schmuckl. Stolen Base—McKernan. Two Base Hits—W. Carlson, Thibeault. Three Base Hit—Kelly. Home Runs—Nichols, Schmuckl. Double Plays—W. Carlson, R. Carlson and Uich; Thibeault and Crimins. Left On Bases—Tech 6, Devens 4. Bases On Balls—Van Wart 2, Ash 3. Strikeouts—Chapin 6, Van Wart 3. Hits Off—Van Wart, 7 in 6 innings; Ash, 1 in 2. Losing Pitcher—Van Wart. Time—2 hours, 2 minutes. Umpires—Morgan and King.

At a northern university, a professor apologizing for not knowing how long the class had run, said, "My watch has stopped and the hall clock is not running." A voice in the back quipped, "There's a calendar right behind you."

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