

## FRATERNITIES EXHIBIT KEEN COMPETITION IN HOMECOMING DISPLAY

Friday night, a fine mist, and a strong wind, seemed to foretell a tropical storm which would threaten the success of homecoming. Undaunted by the possibility of such an occurrence, members of the ten fraternities on campus worked under lights and a few inhibiting influences, to produce one of the more colorful parts of the day. The weather restrained its Sunday punch for Sunday and the program proved to be a success.

After viewing a winning afternoon of sports the judges began their rounds to each of the fraternities. Alpha Epsilon Pi displayed a goat's head dressed in black robes and executing a Cardinal on the guillotine. Across Park Ave., Alpha Tau Omega pantomimed the defeat of Wesleyan by showing a Tech football player shooting a Cardinal with a cannon. Lambda Chi Alpha took care of the Cardinal by having a Tech player roast it on a rotating spit. On Institute road Phi Kappa Theta depicted and saluted the twenty-fifth anniversary of Homecoming by contrasting 1936 and 1961. PSK cleaned up Wesleyan by drawing their football players out of their club house with a gigantic vacuum cleaner. Sigma

Alpha Epsilon portrayed the battle of mascots as the Tech goat rammed its way through the Cardinal's defense. Sigma Phi Epsilon turned the front of their house into a huge cuckoo clock. The hands of the clock showed the time to be two o'clock and the cuckoo was none other than the Wesleyan Cardinal. Their apropos caption was "It's time to strike." The front lawn of Theta Chi was changed into a country club and depicted the typical engineer, i.e., railroad engineer, with a slide rule for a golf club and their caption was "Tech gets a birdie." It was all over for the Cardinals as far as Tau Kappa Epsilon was concerned. They had a grave stone erected at the head of a dead Cardinal which was lying between end zones of a miniature football field.

As original and colorful as all these displays were only one could win. The silver platter was awarded to Phi Gamma Delta for their display which made use of the old idea that if salt is sprinkled on the tail of a bird it cannot fly. A towering Tech player with salt shaker in hand, stood on the Fiji's lawn shaking the salt of defeat on the tails of the Wesleyan Cardinals.

## STUDENT RALLY AROUND BONFIRE PEPS GRIDDERS

Traffic stopped! Sirens blew! as the gigantic Tech rally swirled from side to side down Worcester's Main Street. Hundreds of girls and fellows clasped hands in cheering and frantic yells as the whole city realized that this was the climactic rally of Worcester Tech's Homecoming celebration.

The long march started right in the Alumni Field with the lighting of the huge bonfire. Blazing in great clouds of smoke, the bonfire served to assemble Tech students together with their female guests. From here the spirited lines left in their cheerful march through the center of Worcester.



People in shops and homes along the way came out to the sidewalk with amazed faces to see the snake dancers chant amid the stopped lines of cars. Upon reaching the City Hall, students climbed on the walls, up the stairs, on the small light towers to sing their glorious Alma Mater. With the cheerleaders leading the singing, the whole assemblage including many of the football lettermen joined in a wide variety of Tech cheers and songs.

Now with a renewed gusto the whole caravan proceeded back to the campus. But the wide parade had served the purpose! For when Tech did meet Wesleyan on the gridiron, the extra spirit from the rally did carry over to enable the Engineers to defeat the visitors.

# JOYOUS FRESHMEN WIN ROPE PULL, SOPHOMORES TO FIGHT HARD TO RETAIN GOAT'S HEAD

## WPI ASSISTS INDIAN TECH

W.P.I. Adopts Sree Mulla-pudi Technical Institute

Our School Initiates First Tangible University Program

First in Nation to Work Directly with an Overseas School

Worcester Tech has become the first school in our country to initiate a tangible program of mutual cooperation with an overseas school. Through the Technico school-adoption program, we are going to work with the Sree Mulla-pudi Venkataraya Memorial Polytechnic, a technical institute located at Tanuku, India. By providing this school with laboratory apparatus, textbooks, and instruments, we will have an opportunity to develop a close, mutual relationship between our two institutes, and to provide considerable assistance to these energetic Indian students. And, in so doing, W.P.I. will assume the position of a leader for every other school and college in America. That which is accomplished here will be a strong incentive and guide to others.

Sree Mulla-pudi has certain basic similarities to Worcester Tech, although, naturally, there are also some very interesting differences. The school offers degrees in mechanical engineering, civil engineering, and electrical engineering. Just as at Tech, the first year is the same for all of the majors. Sree Mulla-pudi freshmen learn the fundamentals of English prose and grammar, and also read some literature. (They must speak the language before admission, however.) This is their only liberal arts course throughout their attendance. Freshmen also take courses in mathematics, general science (physics and chemistry combined), engineering drawing, and courses in the basic technology of all three of the types of engineering. (E.E.'s must take a lab in surveying, and C.E.'s in the fundamentals of house wiring!) Many of the freshman courses cover material which is taught here in high school. For example, the freshman math course consists of advanced algebra, geometry, and trigonometry, with some analytic geometry. Calculus is not introduced until the second year. What is really incredible is the quantity of material covered in the nine to ten months of the college year. Starting on the approximate level of an American high school sophomore or junior, the freshmen cover material which, in some cases, includes that which is not taught here until the sophomore year. And the range of technical knowledge covered, as pointed out above, is also much broader. Of course, it is highly probable that the concepts and theory are not as completely developed as here; there is a much greater emphasis on direct practical applications. More advanced years are basically like our own; certain general subjects continue into the sophomore year, while an increasing emphasis is placed on the specialized knowledge of the particular field, as time goes on.

The school year at Sree Mulla-pudi begins on the first of July and ends on the first of May, with various vacations during the year. Besides monthly "hour exams" in all subjects, the students have three big exam periods;

The pond was full, the wind was blowing a rather chilly gale, there was an expectant crowd on hand, and in general everything was ready for the commencement of the yearly rope pull. However, as those who witnessed the event soon realized, there was obviously a factor which was not too well prepared—the sophomores.

The schedule called for the rope pull to take place on Friday, October 19, as soon as possible after four o'clock in Institute Pond. The freshmen, as is their custom, had the job of lugging the much coveted and much weighted rope down to the scene of the battle. Had the sophomores realized, as they carried their end to the far side of the pond, the disastrous actions that were about to happen they might have driven grippers into the rope—but alas, confidence was with them. Thanks to a field party from the Department of Civil Engineering, the rope was stretched and accurately centered across the Institute's most treacherous bog. Even though the cool and calm junior referees were ROTC-radio-controlled, the time approached 4:45 P.M. before everything was in readiness.

At this point there appeared two members from the seventh fleet, one with a watch and one with a gun, walking gingerly out into the marsh. The crowd realizing these men as the official starters grew tense with excitement as

one in October, one late in December, and a major final in late March or April. Each day of school begins at 7:00 A.M., and ends at 4:30 P.M. They have Saturday morning classes just as we do, and there is even a chance of having a special course exercise on a Saturday afternoon. Regarding expenses, our students will be interested to know that the year's tuition amounts to one-hundred rubles (twenty dollars in American money). Yet these one hundred rubles are probably more of a burden on the majority of the students than the 1,350 dollars that each of our own students pays.

Just like Tech, Sree Mulla-pudi also has its extra-curricular life. There is an active athletic association (badminton, basketball, volleyball, and track are the chief sports), as well as a voluntary drill team, the N.C.C. Rifles (no compulsory ROTC, however). There is also a Students' Association which has elected officers, and which has responsibility for promoting other activities, such as debates, essay contests, and mock parliaments, and which supervises the publication of the Polymag, the annual school magazine of Sree Mulla-pudi. This last contains a host of interesting essays about subjects ranging from engineering to philosophy. There are some very fertile minds in training at this school.

This information is only a small part of that which is present in two books that are now on reserve in the library—the Students' Handbook and the first volume of the Polymag. Everyone who is interested is invited to browse through these books and discover what a wealth of interesting information is contained in them. Students and faculty members are also urged to bring any unused slide rules, text books, or drawing equipment which they would like to offer the students of Sree Mulla-pudi, to a collection center whose location is now available at the library. (The library will serve as a general information center for the entire project.)

Our volunteers also hope to canvass

the first shot was heard. After thirty seconds of frantic digging-in for positions another shot was heard and the fiasco began.

For nearly a minute and one half things were fairly even as both sides pulled equally. However, once the freshmen got the gist of the battle and began to get organized, their cadenced pull proved too much for the class of '64. First slowly and then with ever increasing speed the freshmen started backing up and the sophomores tumbled gaily into the murk. In fact the first sophomore to arrive on the freshmen bank set up a wake two feet high and several people were thinking of water-skiing at the end of the rope.

The resulting victory for the freshmen may have well been accomplished in a record time. From beginning to muddily finish covered a span of about four minutes but even this may be stretching it. To the freshman class went the spoils as they happily watched the dejected sophs carry the even heavier rope up to the second floor of Washburn Shops. Over the past two years the present sophomore class has now been pulled through mud and water twice in their vain attempt at a rope pull victory. Currently the freshmen are up five points in the goat's head competition and the sophomores have got to go some to repeat last year's victory.

every department to discover the numerous quantities of unused apparatus which are gathering dust in closets and attics, and which can have great value to the Indian W.P.I. The first step in the operation will be the contacting of department heads by student solicitors.

Professor Thom Hammond of the Mechanical Engineering Department has volunteered his services as advisor to the present nucleus of volunteer students. He will handle all important communications with the school, and will offer guidance and advice to the students, who will conduct the program on their own initiative. Those students and faculty members who would like to write friendly letters to faculty members or students at Sree Mulla-pudi are urged to do so. But all essential communications must be made through Professor Hammond.

Equipment will be crated at the collection center by students, and will be transported to the docks via trucking either from the Department of Buildings and Grounds or from local industry. Overseas shipment will be handled through such groups as Care, and the Technico Foundation.

Keep watching the Tech News, bulletin boards, and the information center at the library for new advances in the development of this project, and for information as to how you too can work with the students of Sree Mulla-pudi.

READ  
THE  
TECH  
NEWS

# EDITORIAL

The new freshmen indoctrination system seems to have met with approval from almost all concerned. This year no one was hurt on the concrete steps of Earl Bridge, upper classmen got a better chance to meet the freshmen, the duration of actual effective hazing was longer, and both class and school spirit are as high as ever.

However, some still longed for the rough and tumble activities of past years. Their argument that you can't build spirit without rough play to unite the class was proven erroneous, though.

On a broader scale the practice of building school spirit by gang wars on the commons is fast declining on almost all campuses across the country. This trend is not without the blessings of the faculty and administrations concerned. We wouldn't want to speculate on future trends in this vain but we would be safe in assuming that the decline of unorganized hazing will be complimented by the growth of more and more organized interclass competitions.

### ANNOUNCEMENT

Eta Kappa Nu announces that the library in Atwater Kent Laboratories will be open Monday through Thursday from 7:00 to 11:00 o'clock p.m.

# gort



# NOTICES

## Graduate School

On November 1, 1961 Mr. George P. Drowne, Jr., director of admissions of the Amos Tuck School of Business Administration of Dartmouth College, will visit the campus to talk to students interested in a graduate program in business administration. A group meeting for all interested students will be held at 4 p.m. in Boynton 310.

Mr. Drowne will hold individual interviews between 10:15 a.m. and noon and between 1:30 and 4 p.m. Students desiring an individual interview should sign up for the interview in the placement office in Boynton Hall.

Three recent W.P.I. graduates are now students at the Amos Tuck School: Arthur J. LoVetere, Edward J. Boduch, and Frank Marra.

## College Teaching

"All students interested in college teaching as a career field are invited to hear Dean M. Lawrence Price on Friday, October 27th, at 4 p.m. in Boynton 210. Dean Price will discuss the advantages and disadvantages of the college teaching profession and will indicate the qualifications needed by individuals desiring to enter the profession.

"Professors K. E. Scott of the M.E. Department, W. R. Grogan of the E.E. Department, and J. F. Zimmerman of the Economics Department are planning to sponsor a series of meetings during the academic year devoted to various aspects of all levels of teaching."

# Letter to the Editor

DEAR SIR:

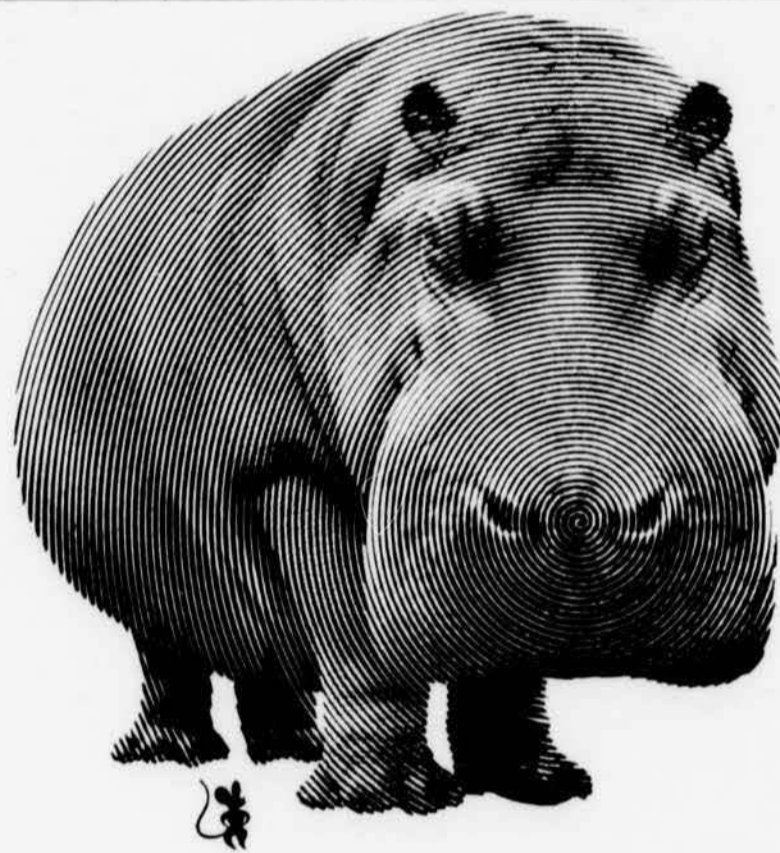
The true Tech Spirit of the class of 1965 proved itself in eight or ten hearty souls who ventured forth before 7 a.m. Sat. morning to clean up the ashes after the bonfire while their fellow classmates lay sleeping, dreaming of their "spirit" for winning the rope pull, staging the bonfire and having a vigorous snake dance.

Sincerely,  
WILLIAM F. TRASK

# TECH HOST TO PRINCIPAL'S ASSOC.

On Thursday, October 26, W.P.I. will be host to the Southern Worcester County Principal's Association. Deans Hollows and Downing will be hosts at the meeting to be held in Morgan Hall at 6:00 P.M.

Dr. Elliott Buell, head of the Department of Mathematics will be the speaker. In his speech Dr. Buell intends to discuss the area of overlap between high schools and colleges. He will point out the historical reasons for emphasis on math and will show the implications of new, revolutionary programs in math, and the importance of appropriate curricula. Mathematics has been and may still be regarded as a dead subject, but according to Dr. Buell, this is furthest from the truth. The war, the space age, and the digital computer have opened many new areas of math at a greater rate than  
See PRINCIPAL'S ASSOCIATION—Page 6



are you  
thinking  
BIG

... with respect to your career choice?

Of course, you are ... and should be. But don't overlook the fact that "thinking big" really applies to your own *personal growth and achievement*—and not necessarily to the physical size of an organization. And that's an important reason for investigating the opportunities here at Sikorsky Aircraft.

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## TECH NEWS

Published Weekly Except for Vacation and Exam Periods During the College Year by

The Tech News Association of W.P.I.

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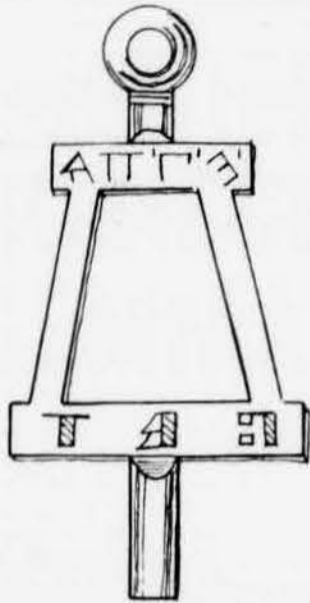
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## OUTSTANDING STUDENTS HONORED



### TAU BETA PI

Twice each year, Tau Beta Pi, National Honorary Engineering Society, announces the names of men newly elected to membership in the organization.

It is the purpose of Tau Beta Pi . . . . . "To mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished Scholarship and exemplary character as undergraduates . . . ." and in addition . . . . . "To foster a spirit of liberal culture in the engineering colleges of America."

Men are selected from the upper fifth of the Senior class and from the upper eighth of the Junior class, consideration being given to worthy activities both at school and of campus.

The men elected to membership are:

**SENIORS**

- CARMINE ANTHONY CAROSELLA
- DAVID ALEXANDER LUOMA
- ERIK JOHAN SELLEVOLD
- EDWIN WEBER, JR.

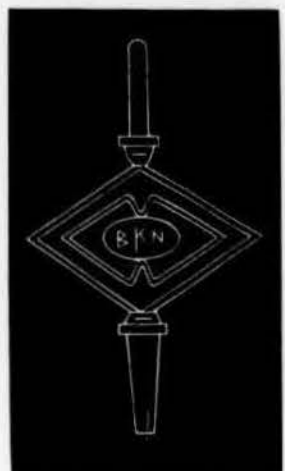
**JUNIORS**

- PETER CHUTORANSKY, JR.
- HENRY B. SCHROEDER, JR.

This year Tau Beta Pi is presenting an outstanding freshman award. The freshman having proved himself for one year by being actively interested in the school and in the top five of this class will receive the honor. His name will be engraved on a plaque in Boynton Hall and he will also receive a certificate from the association.

The selection from the class of 1964, on the basis of academic achievement, proven leadership and sterling character is:

- OUTSTANDING FRESHMAN
- DAVID HOWARD WAIT



### ETA KAPPA NU

Eta Kappa Nu is the National Honorary Electrical Engineering Society. The ideals and purpose of this organization are best stated in the Preamble to its Constitution:

That those in the profession of Electrical Engineering, who, by their attainments in college or in practice, have manifested a deep interest and marked ability in their chosen life work, may be brought into closer union so as to foster a spirit of liberal culture in the engineering colleges and to mark in an outstanding manner those who, as students in electrical engineering, have conferred honor in their Alma Maters by distinguished scholarship, activities, leadership and exemplary character and to aid these students to progress through association with alumni who have attained prominence. . . .

The candidates are selected from the upper third of the Senior Electrical Engineering class and the upper fourth of the Junior Electrical Engineering class.

The following men are pledged:

**SENIORS**

- ADRIEN HORACE BERTHIAUME
- KENNETH JOHNSON LLOYD

**JUNIORS**

- KENNETH OLSEN
- HENRY B. SCHROEDER, JR.

**OUTSTANDING SOPHOMORE**

- PETER RICHARDS FENNER

## THE SKULL



DIGNITY LIES IN DESERVING HONORS, NOT IN POSSESSING THEM

ALBERT CHARLES ANDREWS

WILLIAM ROBERT FADO

HARRY TIPTON RAPELJE



### PI TAU SIGMA

Pi Tau Sigma is a National Honorary Mechanical Engineering Fraternity dedicated in furthering the profession of mechanical engineering. Student members are selected on a basis of engineering ability, scholarship, and personality.

This fall the W.P.I. Tau Tau Chapter selects the following men:

**SENIOR**

- ANTHONY FRANCIS SZWARC

**JUNIORS**

- ALLEN HERBERT HOFFMAN
- DANIEL JOSEPH PENDER
- FRANCIS EDWARD KENNEDY, JR.
- PHILIP ALBERT MORRISSETTE
- ROGER DOUGLAS FLOOD

### CIVIL ENGINEERING HONOR SOCIETY

The C.E.H.S. was founded in 1959 with the intention of eventual initiation into Chi Epsilon, the national Civil Engineering Honor Society. The petitions to the Supreme Council of Chi Epsilon have been approved, and at the present time our local chapter is making preparations for the Installation of the WPI chapter of Chi Epsilon to be held November 26, 1961.

Membership in the Civil Engineering Honor Society, as in Chi Epsilon, is based on the four primary requirements of a successful engineer—Scholarship, character, practicality, and Sociability. Undergraduates must rank in the upper one-quarter of their civil engineering class and in the upper one-third of the entire class. Graduate students are eligible for membership provided that they have shown outstanding scholastic ability in graduate school and have completed one-third of the required graduate curriculum.

The following students have been selected: From the Civil Engineering Graduate Program:

- PAUL CHI-KEUNG CHAN

**SENIOR**

- ERIK JOHAN SELLEVOLD

**JUNIOR**

- RICHARD FRANK DOMINQUEZ
- MICHAEL GERSON
- CHARLES NEWELL GODDARD
- BRUCE GRAHAM GOODALE

As honorary members chosen by virtue of their professional accomplishments and the attainment of a degree of eminence in the profession, and who exhibit experience and ability worthy of emulation by young Civil Engineers, the Civil Engineering Honor Society selects the following men:

- ARTHUR JULIUS KNIGHT  
*Professor Emeritus of Civil Engineering*
- CARL FREDERICK MEYER  
*Professor of Civil Engineering*



### PI DELTA EPSILON

Pi Delta Epsilon, the national honorary collegiate journalism fraternity, was founded at Syracuse University in 1909, and the Worcester Polytechnic Institute Chapter has been in operation since 1948.

It is the purpose of the fraternity to elevate the cause of journalism, to foster mutual welfare of student publications, to develop the truest fraternal spirit among its members, to encourage loyalty to their Alma Mater, and to reward the journalists working on the student publications for their efforts, services and accomplishments by admission to its membership.

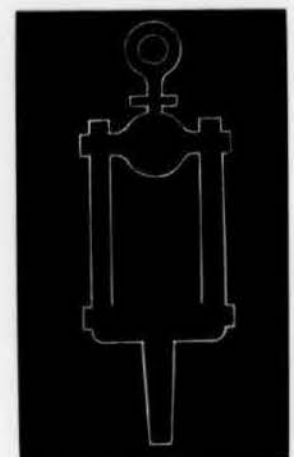
Each year the members of Pi Delta Epsilon choose from the student body a group of seniors in the fall, and in the spring a group of seniors and juniors, who by their efforts in the field of journalism, have proven themselves outstanding. This fall the following men have been chosen to wear "the slug," the symbol of pledgship to Pi Delta Epsilon:

- WALTER BROMLEY AMBLER  
Make-up Editor of the *Peddler*

- BRIAN JOHN O'CONNELL  
Make-up Editor of the *TECH NEWS*

- MICHAEL EMERSON RAFFERTY  
Photography Editor of the *Peddler*

- THOMAS JOSEPH TULLY  
Circulation Manager of the *TECH NEWS*



**PHI TAU PI SIGMA**

Phi Tau Pi Sigma is the newly established national collegiate military society here at Worcester Tech. Membership is granted only to members of the Signal Corps branch of the R.O.T.C. program. A chapter of Phi Tau Pi Sigma was instituted at Worcester Tech this past summer as five members of the present Senior class were initiated into the society during summer camp. Chapters of this society are established throughout the country but mainly at southern colleges.

The purpose of this Military Society is to honor outstanding Military Science students and to further the R.O.T.C. program in American colleges and universities.

For a Signal Corps cadet to be eligible for this society he must have a 3.00 average in Military Science and a 2.50

over-all school average. Special consideration is also given to those who have excelled in summer camp. Membership is granted to eligible Juniors and Seniors on the basis of personality, character, military bearing, leadership capability and interest.

**SENIORS**

WILLIAM ALFRED KREIN  
MICHAEL EARL GORDON  
NICHOLAS COTSIDAS  
BRUCE ALBERT SIMMON  
ANTHONY FRANCIS SZWARC

**JUNIORS**

PETER CHUTORANSKY, JR.  
DONALD BRUCE ROBERTSON

**HONORARY MEMBERS**

CAPTAIN CLARE R. ROGERS  
LT. COL. BRYAN COWAN  
MAJOR MELVIN MESSEV

**ALPHA PSI OMEGA**

Last spring the honorary dramatic society became affiliated with Alpha Psi Omega, the national honorary dramatic society as Rho Kappa chapter. The society selects its members from the members of the Masque who have excelled in their endeavors. Each member of the Masque, by a system of points, is awarded a certain number of these points proportional to amount of time and value of the work that he has given to the Masque. Having accumulated eighty such points, he is awarded a

Masque Key. Alpha Psi Omega has as its purpose, recognizing these people for their achievement in the field of dramatics and inspiring the other members of the Masque to aspire to its membership.

**SENIORS**

LAURENT A. BEAUREGARD  
NEIL J. JORGENSON  
FRANK J. MAHER

**JUNIORS**

WALTER M. ADAMS  
ROBERT E. MURPHY  
JOSEPH R. SAUTOSUOSSO

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FOR NEW ENGLAND COLLEGE STUDENTS



**BETWEEN FRIENDS...**  
There's nothing like a Coke!



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The Coca-Cola Company by  
**COCA-COLA BOTTLING COMPANY OF WORCESTER**

**8 PRIZES  
NEW ENGLAND WINNERS  
'62 SPRITES 8**

**Here's the story, man.** Eight, count 'em, eight of these swinging Sprites will go to eight guys or gals in New England Colleges. The other 44 states strictly don't count. Get the picture, get the odds? This is one deal you've got to get in on.

**First thing to do,** get your hand on a Registration Envelope, which gives you the easy Contest Rules. You'll find Registration Envelopes *everywhere* - all around campus and in your local smoke shops. Our Liggett & Myers Campus Rep has stacks of them, too - so track him down.

**Next, you take a little quiz.** It's printed right on the envelope, see, it's about sports cars and you can do it in like 47 seconds. Then smoke 5 wonderful packs of Chesterfields or L&M's (or, if you're a menthol man, Oasis), tear the bottom

panels off all 5 packs, tuck them in the envelope, sign your name and mail it.

**Now comes the brain work.** If you pass the quiz you'll receive a limerick in the mail with the last line missing. So finish it! Send in the best rhyme you can think of. If the judges (an independent, impartial lot) think your line is the cleverest, you're like behind the wheel of your Sprite already.

**Enter incessantly!** Because there are 8 Sprites up for grabs, dad! The 4 winners of the Fall Contest will be announced at the end of the Fall Semester. Then the whole jazz goes into high gear again - and toward the end of the Spring Semester the other 4 Sprites go on the block. So stay with it all year - keep smoking those wonderful Chesterfield, L&M or Oasis cigarettes - keep trying! Win, man!

**Buy 5 packs and get started.** There will be 8 new '62 Sprites on the campuses of little old New England by next May, and you might as well jingle the keys to one of them in *your* jeans... right?

**GET WITH THE GRAND PRIX... ENTER TODAY, ENTER INCESSANTLY!**



# GRIDDERS VICTORIOUS IN HOMECOMING THRILLER; GEMMA, GRENIER STAR

On Saturday, the twenty-first of October, the Worcester Tech football forces rose to the occasion to defeat Wesleyan on the twenty-fifth anniversary of Homecoming. The Tech forces brightened up the overcast day for the many alumni and students on hand to witness the action. From the initial whistle to the clock buzzer signifying the finish, fans cheered and were pensive of their team's hopes as the complexion of the game swayed. It was a thrilling game from Tech's rousing start to Wesleyan's spirited finish.

The Engineers seemed as if they were going to take up where they left off last week against Bates. Before six minutes of play was over, Tech capitalized on a Cardinal error and scored seven points. However, the Wesleyan defense jelled for the rest of the half to hold Tech scoreless.

After Wesleyan had been contained so well for the first half, disaster almost befell the Worcester forces. With the score 21-6 less than a minute after the fourth quarter began, the Cardinals suddenly caught fire. They marched 62 yards in 14 plays and got the conversion making the score 21-14. Tech started to move the ball again, but soon lost it on a fumble. Wesleyan then drove 60 yards in 6 plays and the score was 21-20. The Tech fans were now at the edge of their seats, many with lumps in their throats, as the Cardinals

were going to try for the two points. The Wesleyan coach tried to send a special play in for this, but it was too late, for the team was on the line of scrimmage and had used up all their time-outs. The Tech line stood fast and preserved the victory with only one minute and fifty-five seconds remaining in the game. All eyes were then on the clock as the Engineers ran out the time.

The story of the first half was mainly that of the first six minutes of the first period. Wesleyan won the toss and elected to receive. They couldn't move the ball on the first set of downs. Jim Mattson went back to kick but bobbled

a fairly good pass from center and fell on it at his own 15. Gemma and Grenier then took turns carrying the ball to the one with Grenier finally going over for six. Ridick then came in and kicked for the all important point making the score 7-0. The rest of the quarter was a defensive battle in Wesleyan territory.

Wesleyan began to move the ball into Worcester territory in the last minutes of the half, gaining most of their yardage on penalties but time ran out on them.

The second half began with Tech kicking off. Wesleyan looked like a new




team now as they moved the ball for two first downs. Ferguson then took the ball and raced 55 yards for a touchdown finishing the 70 yard drive. However, the Cardinals missed the extra points and the score remained 7-6.


The Engineers started to move the ball but a Pete Martin pass was intercepted at midfield. The Cardinals marched to the three yard line where they were faced with a fourth and three situation. They decided to try a field goal, rather than bang the Tech line, and failed. Tech now had the ball on its own twenty yard line. Grenier banged for three yards then Gemma took the ball on a dive play and raced 77 yards for a touchdown. This did much to temporarily discourage the Wesleyan forces. Mike Littizzio on a spur-of-the-moment decision ran around left end for the extra points much to the surprise of the team and coaches. Wesleyan got the ball, but Littizzio intercepted a pass at the 35 and returned it to the 27. Now it was Grenier's turn to star as he put on an offensive show of his own. He gained all 27 yards for the T.D. in four plays. The touchdown came in the second play of the fourth quarter. Martin failed to complete the pass for the extra points, and the score was 21-6.

It now looked as if Tech were going to romp, much to the pleasure of the partisan fans. However, the Cardinals were far from dead as they came roaring back in that thrilling fourth quarter. The Engineers showed their fans that they have something to cheer for as they pulled out a 21 to 20 victory.

DAVE NORTON



# SPORTS SLANTS



BILL KREIN

The football team's victory Saturday was perhaps one of the closest games ever to be played on Alumni Field. The game itself was good entertainment for a Homecoming afternoon if for no other reason than the dramatic last minute goal line stand which denied Wesleyan the winning two points. Without a doubt, Ron Gemma's spectacular 77 yard run in the third quarter on a dive play over the right guard was the turning point of the game. Not only were Tech's spirits pulled up by the bootstraps, but the Cardinals were completely bewildered by Gemma's explosive speed. Saturday's victory is particularly significant in light of the obstacles the team had to overcome. Foremost of these is probably the score of injuries that has beset the team in recent weeks. Although severe, these injuries didn't keep those men affected from making a fine showing. There was also some speculation before the game if the combination of overconfidence and a Wesleyan team that was really "up" for the occasion might be enough to upset the peddler's cart. The Wesleyan team obviously was worked up for the game Saturday. However any overconfidence on the part of the Tech men wasn't enough to lull them into a feeling of false security. Although the calibre of the team's play may not have been as high as it was last week at Bates, it was high enough to bring home the bacon Saturday and that's all anyone can ask for. Sports may exist primarily at Worcester Tech to provide diversion from studies, but it is still better to keep in the winning column.

The soccer team wasn't quite so fortunate over the weekend. Their loss to Coast Guard was only their second of the season as opposed to five victories. Coach Allan King has also had his share of injuries this season, forcing some of his key performers, like Bobby Clark, to be sidelined for the past few games.

This coming Saturday Col. Cowan and the military department have consented to cancel the drill program in order that those students who would otherwise be at drill will be able to leave on time to get to New London in time for the start of our game with the Coast Guard Academy. Although at the time the paper went to press there was no definite word, most probably there will be organized transportation to the game for those who wish to go. Inasmuch as the ROTC department has forfeited their time, it is only fitting that as many members of the student body as possible make the trip to New London and support the team in what will probably prove to be the most important game of the year. A victory over Coast Guard could set the stage for wins over both Norwich and R.P.I. W.A.K.

## NAUTICAL SOCIETY WINS QUINSIGAMOND REGATTA, QUALIFIES FOR TROPHY

Lake Quinsigamond—Oct. 22—In the inaugural sailing event of the year at Regatta Point, the WPI sailing team walked off with top honors. This meet is for the Donaghy Bowl and is held by Holy Cross, with its winner qualifying for the Shell Trophy, the grand event of the fall racing season.

In division A, Pete Fenner skippered with Paul MacCalden as crew and in division B, Bob Rounds skippered with Ron Anastasi as crew. Pete Fenner won two races while Bob Rounds won one race and was high point skipper for the day. With two races to go, the scores were bunched at fifty with WPI and Babson tied for first. Pete Fenner then pulled a fancy maneuver, cutting through the starboard tack boats on the port tack leaving the spectators on shore gasping as one small mistake would have fouled him out of the race. He went on to finish first giving WPI a slim lead going into the final race. Then Bob Rounds won the regatta for WPI with a very sanely sailed second place. The scores:

Babson	58
Rhode Island School of Design	55
Holy Cross	53
Northeastern U.	49

Next week the sailing team travels to Coast Guard for the Fowl Trophy preliminaries. This is a team racing event with four skippers from each school competing. Team sailing differs from normal regattas in that only two schools compete at one time instead of five or six schools and the primary object is not to win the race but rather to have more of your competitors beat those on the other team than they do you. It is the most interesting form of sailing from the spectator standpoint as the boats pair off and sail in close contact. The other schools entering are Babson, Boston University, Holy Cross, M.I.T., U. of Rhode Island, and R.I.S.D. Those who will go to Coast Guard this weekend for the football game will notice the boat house beside the practice field and parking lot, and the race will be run simultaneously with the gridiron tilt.

## QUARTERBACK CLUB PROMOTING LOCAL FOOTBALL ENTHUSIASM

This Fall an innovation to arouse football enthusiasm has been installed in the Worcester area. Each Monday the Quarterback Club of Worcester, sponsored by the Worcester Area Chamber of Commerce, meets in the Sheraton-Worcester Hotel. The program began September 18 and is expected to run through December 4. Of the 12 meetings eight are at noon at which time luncheon is served, and four are longer evening meetings.

In attendance at these meetings are the coaches of both the Worcester Tech and Holy Cross football teams, sports writers, officials, and business-men.

Each week the coaches from both Worcester Tech and Holy Cross discuss

their last game and their next opponent. They answer questions on their team's progress and performance, and relate future plans. A telephone interview with their future opponent's coaches highlights the meeting.

The officials on hand at the meetings answer questions from the audience and discuss controversial decisions arising during the games.

At the last meeting, on October 23, the coaches of the Coast Guard Academy and Syracuse University, Tech and Holy Cross's respective opponents on October 28, were contacted for comments on the approaching clashes. Films of the Tech-Wesleyan game, and the Holy Cross-Dartmouth game were shown and discussed.

WPI	62
Boston College	60

## Cross Country Team Triumphs At Homecoming

The Tech harriers overcame their slow-early season start to wrap up a pair of decisive victories in one week. The victory over Brandeis was in itself a fine showing but could hardly compare with the smashing triumph over the University of Hartford.

The Techmen traveled to Brandeis seeking their first victory of the season and were not to be denied. Of the seven placing positions in the race, the Engineers garnered five including a two-way tie for first and third. Dave Monks and Al Hoffman tied for first in the event and were closely followed by Jerry McGee. After the fourth place had gone to Brandeis, Brownlee took fifth, a Brandeis man sixth, and Bob Hawes seventh. Both Brownlee and Hawes are freshmen and are expected to be vital assets in the next few years. A hint as to the result of the next meet was shown at Brandeis when Hoffman, Monks and McGee made their one, two, three finish.

On Homecoming in the midst of all the excitement and celebration, the

harriers reached their peak. Besides winning the meet with six of the first seven finishers, the Engineers finished the meet with an unusual three way tie for first position.

With the football and soccer games already in progress, the meet started. At first the race was well bunched but after the halfway mark, it was clear that the Tech team would emerge victorious. Monks, McGee and Hoffman again came through and were never threatened as they crossed the finish line in a spectacular tie for first place. Not far behind was Dave Maddix who gave Tech the number four position also. After a Hartford runner had taken fifth, Bob Garrison took sixth and Brownlee finished in seventh.

Now that they have overcome their early season troubles, the Techmen are confident that this could be one of the more successful seasons in recent years. If Saturday's meet is any indication, this will certainly be so.

### TECH vs. COAST GUARD NEXT SAT.

### CAMPUS GRAND PRIX

An exciting, fulfilled "Grand Prix," open to the students at Worcester Tech and other major colleges and universities in New England, is coming soon, and you don't have to be a professional sports car driver to enter.

The L & M—Chesterfield "Grand Prix" Contest is set for the 1961-1962 school year, and each of the eight Contest prizes—four in the Fall semester and four in the Spring—is an Austin Healy Sprite MKII, the hottest small sports car going. This audacious little rascal is a consistent winner in Class H Production competition. At the Sebring trials this year, the rugged Sprite MKII not only drove off with all the prizes in its class, but finished along with the bigger more powerful cars in the 12-hour endurance trial.

Special "Grand Prix" ads in the Tech News are scheduled to give students the scoop on how to "get with the Grand Prix." The simple Contest rules are printed right on the official entry form, the "Grand Prix" Registration Envelope, and Tony Biancanello, Liggett & Meyers Campus Representative, will personally distribute them on campus. Supplies of the "Grand Prix" entry forms are going to be available, at all times, where cigarettes are sold on and about campus.

## TECH BOOTERS LOSE TO COAST GUARD 3-1 IN HOMECOMING GAME

Last Tuesday afternoon the Engineers of WPI were host to the Redmen of UMASS in a hotly contested soccer game. The highly conditioned UMASS team almost proved to be too much for the Techmen, but the score was evened by a Tech goal and the Engineers got away with a tie.

The Engineers were a bit slow at the start and consequently the spirited UMASS team gained a 1-0 advantage early in the first quarter. As the game progressed things didn't look too bright for the Techmen. The loss of Bobby Clark, co-captain and leading scorer with five goals, was a big blow to the Engineers, and it almost proved fatal.

In the first half Tech had many scoring opportunities, but failed to capitalize on any of them. The closest they came was on a penalty kick by Pete Borden that hit the goal post. The first half ended with UMASS out in front 1-0.

With the start of the second half Tech came onto the field with new vigor. They had a few excellent opportunities to score, but the UMASS halfbacks did a fine job of containing our forward line with long kicks out of their half of the field.

In the last period, Tech was definitely on top and finally Steve Harvey came through with his third goal of the year to tie the score for the Engineers. The score remained knotted at 1-1 until the end of regulation time.

With no time out the ten minute overtime began. Neither team was able to score and Tech had to settle for a tie with the Redmen.

### Coast Guard 3 — WPI 1

Saturday, Homecoming day at WPI, saw the booters host a strong Coast Guard team from New London. With a few loyal fans on the sidelines, the

game began with Tech taking complete control from the kickoff.

After a few short minutes of play the Techmen, with the wind at their backs, scored on a beautiful shot by Steve Churchill. Tech led 1-0 and it appeared that they might be on the win trail again after the disappointing tie to UMASS. Such was not the case, however, as the Engineers failed to take advantage of numerous chances to score.

Once again the services of Bobby Clark, injured in the AIC game, were sorely missed. Kirby Holcomb must be praised for the excellent job he did on defense during the last two games, and for the whole season thus far. At the half the Engineers held a slim lead of 1-0, and a few times it was almost made up by the aggressive Coast Guard team as the defense of the Engineers had trouble in clearing the ball.

In the past the Engineers have been a strong second half team, but the tables were turned by the cadets from Coast Guard. They completely dominated play in the second half. Then midway through the third period they scored the equalizer on a short kick in the confusion around the Tech goal. The visiting team was now really playing spirited soccer and they scored again in the third period and once again in the fourth to insure victory. Hastings scored two goals for the cadets.

Play got a little rough in the fourth period and the thin layer of sportsmanship started to wear off the Coast Guard team. A fight broke out, but it was luckily stopped before any damage was done. As a result of the loss the Engineers now cannot better last year's 7-2-1 record with only two games remaining. Tuesday Tech journeys to Lowell Tech and then to BU Saturday to finish the season. The team's record is now 4-2-1.

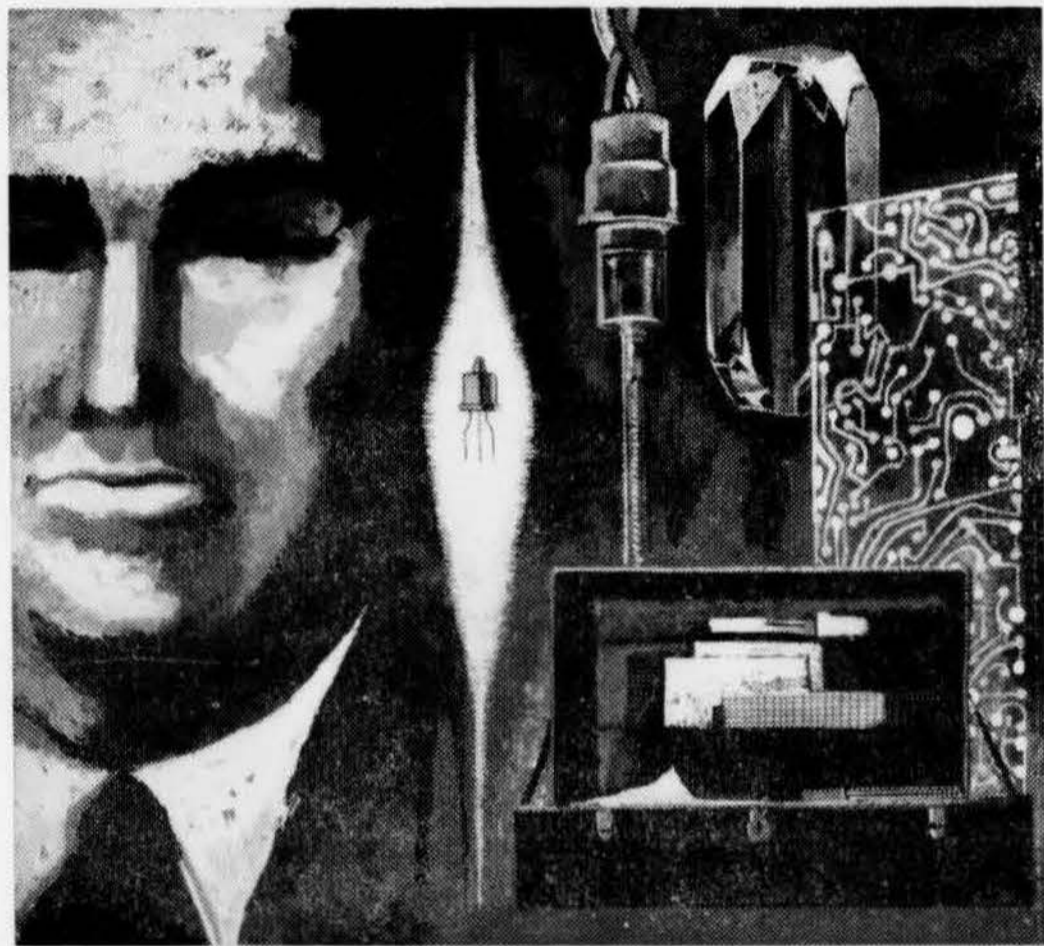
### PRINCIPAL'S ASSOCIATION—

From Page 2

ever before. Thirty years ago, techniques and methods which were expected to last were stressed. Presently, due to the rapid rate of development, sometimes called the accordion effect, much more emphasis must be placed on theory as techniques may soon become outdated. Consequently, it is desirable that more theory be covered in high school curricula thus allowing colleges to offer more advanced courses at the undergraduate level.

Dr. Buell received his A.B. at Syracuse University in 1938 and his Ph.D. from M.I.T. in 1941. At Northwestern University Dr. Buell served as instructor from 1941-44, mathematician in the Aerial Measurements Lab. from 1944-51, head of the Analog Division from 1951-54, and Technical Director from 1954-57. He also lectured on engineering mathematics at Northwestern from 1952-57.

Dr. Buell has served W.P.I. as Professor of Mathematics since 1957, director of the computer facility since 1959, and as Head of the Department of Mathematics since 1960.



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