

At last the NEWS terminates its mystifying (?) and monastic silence, with a six-pager at that!

# TECH NEWS

Business meeting followed by elections, Feb. 23, at 4:30 p. m., in Tech NEWS office. All Reporters hand their material to J. M. Smith, '37, before then.

VOL. XXVIII

WORCESTER, MASS., FEBRUARY 16, 1937

No. 15

## Major Jerome W. Howe, Head Of Civil Department, Speaks On Subject of "Scrap-Heaps"

Shows Necessity of Discarding Outmoded Ideas and Old Methods

### NEEDED FOR PROGRESS

Scores Maxims and Epithets, Present Day Dance Music, And Habit of Smoking

Any considerable journey by highway or by rail brings us in sight of certain unlovely areas at the fringes of our cities that we recognize as scrap-heaps,—an inevitable accompaniment of a progressing civilization. There is nothing particularly new about this phenomenon. The rusted iron hoops and automobile wreckage of today find their counterpart in similar scrap-heaps through the ages. Just within the walls of Rome on the east shore of the Tiber rises a hillock about a hundred feet high,—an accumulation of the broken fragments of wine jugs brought by sea from distant provinces to quench the thirst of imperial Rome.

Cities and towns themselves in the course of time become scrap-heaps. I have seen the ruins of old western forts where the desert plants force their growth through the broken-down masonry that once sheltered a busy military and frontier life. Perhaps the most noted scrap-heap is that which was at one time famous as Troy. Before Homer's Troy existed, five earlier villages and towns had successively occupied its site. After Homer's Troy ceased to exist three cities in turn have sprung up in its place and have fallen into complete ruin; nine Troys from the dawn of the Bronze Age to the 5th Century of our era, each now but a deposit of crumbled masonry and broken fragments,—a nine-storeyed scrap-heap. The old cities of Israel, that our Scriptures make almost living for us, are, similarly, layers of rubbish.

Civilization strides forward over the dust of its unremembered scrap-heaps. Not only is this true in the material sense, but it is equally true in the spheres of the intelligence and the moral spirit. Tombstone, Arizona, the most famous of the lurid mining towns of the West of Bret Harte, which I used to visit in its ruined and deserted period, is now again a busy town, and (so I read in the newspaper the other day) has just cut down its once famous "lynching limb".

Enlightened philosophy flourishes today in universities in the track of the invasions of the barbaric Huns. Science has largely replaced superstition. Even warfare (though the terrible character and intensity of modern war blinds us to the fact) is far less general today than in the baleful days of Ninevah and Babylon. We dread war as an occasional catastrophe; we no longer conceive of it as a normal condition of society.

Yet the progress of civilization is slow, and is much retarded by the fact that it is reluctant to discard its

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## Tryouts For Masque To Be Held Tuesday

Association to Hold Special Meeting in Gymnasium Before Tryouts

Tryouts for places on the cast of this year's production of the Masque will be held on Tuesday evening at 7:30 p. m. in the gymnasium. Anyone is eligible to be a member so all those, whether they have tried out before or not, who have or think they have some talent along dramatic lines are urged to come around Tuesday night. Of course the show that is being put on, "The Little Shot", will require girls in the cast and the only way Tech has of getting them is thru fellows who know girls that would like to take part so those that know any such are asked to let them know about the tryouts.

Preceding the casting there will be a meeting of the members of the Masque at 7:00 p. m. in the gym. There are several important points to be discussed so all members are urged to be on hand promptly.

## Craven To Give Assembly Talk

Next Fuller Lecture To Be Held February 25

Thomas Craven, distinguished critic, author and lecturer on subjects of art, will be the Fuller lecturer for the next assembly which will be held in the gym Thursday, Feb. 25. His subject will be "Art and Industrialism." The honors for the first semester will probably be announced by President Earle, then.

Mr. Craven has occupied a foremost position among contemporary writers on art since the publication of his book, "Men of Art," five years ago. In a field noted for its confusions and obscurities, he stands apart, the exponent of controlled thinking and intelligible meaning of art. In his past lectures he has related art to autobiography, social history, philosophy and criticism. In his many lectures, he has developed a flawless style of talking and entertaining with a superior sense of humor.

Mr. Craven wrote his first book, "Men of Art," five years ago and since then has since finished and published another book, "Modern Art." The former book tells of the life and achievements of the great masters, their struggles and sorrows, their great victories and the meaning of the masterpieces to the modern world. "Modern Art" concerns the development of modern painting. He tells what it is and whence it came from and also the spirit and frame of mind of the artists who painted them.

Numerous other colleges and universities have heard Mr. Craven lecture among which are the University of Minnesota and Dartmouth College.

## Engineers Down Clark Cagers In Slow Moving Contest 41-31

Raslavsky and McEwan Hold Opponents Until Jenkins Adds Needed Spark In Closing Minutes of Game

### GRANGER LEADS CLARK IN LOSING BATTLE

"Cowboy" Korolyshun Paces Jayvees to Impressive 37-17 Win Over Inexperienced Clark Seconds

BOYNTON'S BEACON



The Freshmen living in Sanford Riley hall have seemed to have hit upon a novel plan for the shortening of these marathon telephone conversations. The phone booth has been thoroughly permeated with the odor of fish (dead several days) by the leaving of same consisting of a gory head, backbone and tail in the booth for an extended period. Results have been obtained in the shortening of all calls especially those which are to the "girl friend" as the aforesaid calls are usually of a private nature and necessitate the closing of the door. Perhaps the hint will be taken to heart and the fish given to the collector of kitchen refuse.

Finals doesn't this word bring pleasant memories now that they are past) have again come and gone and we have yet to find the fellow who didn't have to study or cram for them. Oh yes and who went to the motion picture the evening before any of the finals? It is agreed by all that cram-

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In the final quarter of what had been to that point a rather listless game, although the score was close, Coach Bigler administered the necessary impetus by replacing Jack Bush-ton with Frank Jenkins who set the pace for his team mates, earning six of the final points that enabled the Boynton Hillers to win from Clark, 41-31. The entire contest was marred by numerous fouls and many penalties for traveling and double-dribbling.

As usual Tech was slow to start and the lads in Scarlet ran up a little lead that the Engineers were forced to equal before they could gain any advantage for themselves. From the middle of the first half to the middle of the second, Clark and Tech alternately were on the upper side of the score.

The Clark squad was full of fight, and as long as their physical endurance lasted, they played a faster ball game than Bigler's proteges, but the superior size of the Engineers began to show its weight toward the end of the battle.

As might be expected, Russ Granger was high scorer for Clark and it was due to his efforts and those of his comrades, speedy Joe Diliberto, and Frank Sullivan, defense ace, that the opposing tallies so closely coincided for so long.

Although it was Jenkins who broke the deadlock, Raslavsky, McEwan, and Munson kept the Biglermen in the fray for the first three quarters of the game. Raslavsky was not in top notch form as regards marksmanship, although he accounted for 15 points, but his floor was outstanding and he recovered more than his share of rebounds from the opponents back-board. The usual Munson-McEwan-Raslavsky combination seemed to be out of order, only clicking occasionally, but that was probably due to the long period of inactivity of the Engineers during examination week.

When the second half had partially slipped into the past, Coach Bigler deemed a substitution necessary to bring the quintet to top speed. He sent in Jenkins and the strategy was successful, for Jenkins immediately scored twelve points to their opponents five in the final minutes Bigler made more substitutions but the die was cast and the score stood at 41-31 for the Engineers until the final gun.

The summaries:

TECH		g	f	t
Munson f		4	0	8
McEwan f		5	0	10
Bergstrom f		0	0	0
Forkey c		0	1	1
Sclora c		0	0	0
Rushon g		0	1	1
Jenkins g		3	0	6
Raslavsky g		6	3	15
Folmsbee g		0	0	0
Totals		18	5	41
CLARK		g	f	t
Fleming f		1	3	5
McComas f		0	0	0
Diliberto f		2	0	4
Stead f		2	0	4
Sullivan c		1	0	2
Powers c		0	2	2
Donahue g		1	1	3
Granger g		5	1	11
Totals		12	7	31
TECH JAYVEES		g	f	t
Cameron f		3	2	8
Holt f		1	0	2
Wingardner f		0	0	0
Esper f		3	0	6
Reid c		1	0	2
Newton c		0	0	0
Korolyshun g		6	2	14
Thulin g		2	1	5
Blanchard g		0	0	0
Totals		16	5	37
CLARK JAYVEES		g	f	t
McComas f		5	1	11
Laprade f		1	0	2
Powers c		0	0	0
McInerney g		1	0	2
Baharian g		1	0	2
Totals		8	1	17

## Revision in Council Constitution Presented

### Clubs Invited to Cooperate

The revised Constitution of the Student Council recently adopted, provides for representation from any organization requesting membership. The following extracts from the Constitution are self explanatory:

1. "The elective members shall consist of..... and one representative from any student organization requesting such representation." "Request for representation should be made in writing to the Secretary of the Council."

2. "The organization representatives shall be elected from the organization in such manner as that body shall determine, and shall assume office on appointment."

3. "Unless prevented from attending by sickness, any elective member ab-

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# TRINITY GAME, FRIDAY NIGHT, ALUMNI GYM

# TECH NEWS

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## — editorials —



### watch your hat

Did you ever walk through one of the school corridors while classes were in session and notice someone putting on his coat or jacket? Probably you don't recall any such case, although you will doubtless say that you must have seen that happen but you just didn't notice.

The act of someone putting on a coat is just that unsuspecting to everyone of us. You might never have seen the person before, but you just assumed that he was a student and the coat was his. However, did it ever occur to you that the person might be some high school or post-high school student from the city or elsewhere who had merely walked into the building, glanced around at the many coats hanging on the wall, picked the one he liked best, or thought would be easiest to dispose of for money, donned it, and walked out, knowing that no one would suspect or stop him?

If you have never lost any article of clothing in that manner it may sound rather alarmist to you, yet you will find by inquiry that just such losses have been sustained by many of your classmates. Just before vacation, two Junior chemists lost valuable jackets in the Salisbury building, while these two fellows were in class. Somebody, probably an outsider, came in with a friend, put on the jackets, and calmly walked out. Scarcely a month passes in which some such case does not occur.

But there is not much use in pointing this out without suggesting a remedy. Some students keep their jackets on through classes, but this is unhealthy as the rooms are usually already warm enough, or even too warm, sometimes.

Another method, employed by some, is to hang the coat over the back of the seat, or to throw it on a vacant chair. This practice not only makes the room look untidy, but also does not improve the appearance of the clothing.

Perhaps the most practical solution rests with the Institute. It would seem to be a relatively simple and certainly an inexpensive method to remove the coat hooks from the corridors and attach them to the walls inside the classrooms. Thus, with the student's garment always in view and never hidden from his sight, it seems practically certain that these expensive losses, now sustained by the student, would be entirely eliminated.

May we ask for action along these lines, at once?

### tech's finishing school

For three and one-half years now the seniors have gone through many highly technical courses and have accrued the basic and fundamental knowledge they set out to obtain.

It is not to be herein implied that they can "sit-down" now as far as furthering that basicity in scientific increment, but a perusal of all the senior last-half schedules shows that very few technical subjects are on them. Instead there are courses in Business, Business Law, Plant Management, and so on.

And this serves an excellent purpose, as you may realize. Tech "powers that be" are aware of the advisability of giving their students a comprehensive, basic knowledge in the sciences, but they are not at all blind to the value, in addition, of "finishing" up the student with the broad cultural treatment, such as that derived from the study of Business.

Yet there are some of us who are not planning to take much advantage of Tech's "finishing school." Too much can not be said on the value of making a good first impression. True, a good impression on our interviewers is due to many things including a neat and tidy appearance, but the important thing is in being able to talk well on a variety of subjects, and appear at ease in so doing.

Such congenial loquacity usually crystallizes immediate amicability and has its source in Tech's important "finishing" school.

## Chapel Talk

(Continued from Page 1, Col. 1)

old rubbish. It cannot bring itself to the point of throwing old hatreds and old prejudices into the scrap-heap. And just so are individuals prevented from progress by clinging to their old rubbish.

What a bulk of impedimenta we drag about with us in our journey through this world! Fields and furniture and foibles, all become increasingly dear with the years! We hate to contemplate even a change of residence and scene, and we are equally reluctant to entertain a new idea. We become like old ships in dock, too overcrusted with barnacles to be navigated. This is not the way to progress. It is not for this that colleges exist,—to produce contented humans who are almost fossilized before they are graduated.

The college should deliver this dictum to its young men: Much of what we teach here is for you to forget, some day, when it shall have become no longer valuable. What is important is for you here to become habituated to replace,—day after day and year after year—so that the habit once formed will go on to the end of your days—to replace old and imperfect ideas and conceptions and understandings with finer, deeper, truer images,—nearer to the reality, truer to the need, more vital. And for this you must form the habit equally of throwing what is outmoded, what is false, what is stale and unprofitable into the scrap-heap.

How many old prejudices,—of race and class, of morals and religion, we need to uproot and cast away! These blind us and inhibit us. In an age that has known how to develop and use the electric eye, the catalytic agents of chemistry, the multitude of metal alloys, isn't it absurd that so many of us shrink from new things of the mind and the spirit, shrink from new social experiments and purifications of religion? We must search our minds and our souls and be willing to throw, more frequently, some of our mind's rubbish and our soul's corruption into the scrap-heap.

Of course, this way lies liberalism, and many are afraid of liberalism, denounce it as radicalism, argue that we must cling to the old traditions in order to preserve old values. But I think we need not fear very much that by relaxing a fierce grip on tradition, by showing a welcoming spirit toward the new, we shall invite a loss of the old values. Old values are never utterly lost. The French Revolution destroyed a civilization, the Russian Revolution another; but those civilizations were rotten at the core. If our civilization is worth preserving, it will be preserved, all prophets of woe to the contrary notwithstanding. If it is worth preserving, or whatever of it is worth preserving!

But whatever has lost its ancient value, had best be relegated to the scrap-heap. There is at best not room in our lives for the most precious treasures an advancing civilization has produced for our enrichment. So every bit of useless scrap we harbor crowds out that much of the real wealth we could possess.

Specifically, what shall we scrap? It is not quite safe to be specific. What is one man's meat is another's poison. The faith that sustains and ennobles one person and the superstition that degrades another may be, essentially and objectively, pretty much identical. But I think that all of us might to considerable advantage scrap at least some of the relatively worthless things, tastes, habits,—in the interest of a freedom for finer things. I give you a very few examples with as much variety as I can contrive:

The idea of "keeping up with the Joneses" as the guiding standard of our lives whether the matter in question be automobiles or stationery, churches or charities;

A delight in that revival of caterwauling and barbaric tom-toms which serves at the moment for dance music;

The habit of continuously nourishing our lungs with products of combustion instead of pure oxygen;

These I offer, humbly, as merely specimens of what I mean. You can all extend the list without great effort. And in spite of the fact that your lists will not agree, I recommend to you this little exercise of cataloguing the things that ought to go into the scrap-heap.

## Student Council Constitution

(Continued from Page 1, Col. 5)

sent from three consecutive meetings, shall be considered no longer a member, and a successor shall be elected in the manner provided for elective members."

It is needless to say that active representation on the Council is very desirable.

## Compliments

### Farnsworth's Texaco Service Station

Cor. Highland and Goulding Sts.

sirable, from the standpoint of both the Council and all our organizations.

May we count on your cooperation?

## At Home Day Committee

This year, "At Home Day" will come on Saturday, April 24. The committee appointed by the President to carry out the usual activities is as follows with Dr. G. H. MacCullough as chairman; Dr. MacCullough, Dr. Atwood, Dr. Carpenter, Professor Gay, Professor Maxfield, Professor Merriam, Professor Feldman, Dr. Beth, Professor Higginbottom, Professor Swan, Mr. Fillion, and Mr. Locke.

The following students representing the student body were appointed to assist the faculty members of the committee in the arrangements:

John R. Casey, Tech Council, Skull; Albert H. Johnson, Jr., A. S. M. E.; Ray K. Linsley, Jr., A. S. C. E.; John F. McGinnis, Skeptical Chymists; Henry T. Wrobel, A. I. E. E.; Harold I. Johnson, Jr., Senior Class; Richard M. Elliott, Junior Class; David McEwan, Sophomore Class; Carl F. Fritch, Jr., Freshman Class; Robert W. Powers, S. A. E.; L. Kimball Barber, Theta Chi; William E. Carew Jr., P. S. K.



# KAYO saved the day

A CHURNING flood had taken out the telephone line across a Colorado stream. Repairmen couldn't wade it because of quicksand—couldn't cross elsewhere and bring back the line because of obstructions.

Then Kayo's master had an idea. He went upstream, crossed, came back and whistled. Kayo jumped in—swam across with a cord tied to his collar. With this cord, the wire was soon pulled over—communication was restored.

A small incident. But it typifies the ingenuity which helps Bell System men and women to give you the world's most dependable telephone service.

Why not telephone home more often?  
 Rates to most points are lowest after  
 7 P. M. and all day Sunday.



## BELL TELEPHONE SYSTEM

## T. U. O. Victor In Basketball

### Gains Intramural Title With Phi Sig Runner-up

Keeping an unbeaten record through the whole season, Theta Upsilon Omega Fraternity captured the Intramural Basketball series with eight straight wins. Runner-up was Phi Sigma Kappa, led by high-scorer Charley Michel, winning six games and dropping two. Michel scored a total of 91 points, 82 of these coming from field goals. Following him in the scoring was Frank Gustafson, with a total of 71 points.

Final standing of the teams:

Team	Won	Lost
T. U. O.	8	0
P. S. K.	6	2
L. X. A.	5	3
T. K. P.	5	3
S. A. E.	4	4
P. G. D.	3	5
S. O. P.	2	6
A. T. O.	2	6
T. X.	1	7

### SCORING STATISTICS

Name-Frat	fg.	ft.	t.
Michel-P.S.K.	41	9	91
Gustafson-T.U.O.	32	7	71
Jacques-A.T.O.	29	8	66
Grant-T.U.O.	32	1	65
Mudgett-P.S.K.	28	7	63
Houston-L.X.A.	21	17	59
Taylor-P.G.D.	22	6	50
Burness-L.X.A.	24	1	49
Bridgham-P.G.D.	18	12	48
Lindgren-T.U.O.	16	6	38
Bialer-S.O.P.	18	1	37
Carangelo-S.A.E.	17	2	36
Despotopoulos-S.A.E.	14	7	35
Stone-P.G.D.	16	3	35
Fine-S.O.P.	12	7	31
Atwood-A.T.O.	13	4	30
Jackson-T.X.	13	4	30
Nims-P.S.K.	13	2	28
Gaidis-T.K.P.	13	1	27
Driscoll-T.X.	11	2	26
Hastings-T.K.P.	11	3	25
Lyman-L.X.A.	11	2	24
Sadick-S.O.P.	12		24
Nimmo-T.X.	11		22
Rozsko-A.T.O.	8	5	21
Lewin-T.U.O.	9	3	21
Woodward-P.G.D.	10		20
Goldsmith-S.O.P.	9	2	20
Bundza-T.K.P.	10		20
Sykes-L.X.A.	9	1	19
Bonin-P.S.K.	7	2	16
Bradshaw-S.A.E.	6	3	15
Kraemer-P.G.D.	7	1	15

## Theta Chi Opens Defense Of Bowling Championship

### Thirty Six Matches Scheduled

Rules of Tournament—Teams shall consist of four men. Each man shall roll three strings, two boxes at a time, progressing one alley to the right each time up.

One point may be won for each string and one for the total pinfall making four points for the match.

A tie at the end of the first string shall be awarded to the winner of the second; at the end of the second to the winner of the third and a tie at the end of the match shall be settled by the last man of each team rolling two boxes.

Postponements should be requested at least 24 hours in advance at the gymnasium office. All matches should start promptly at 4:30 p. m. Score sheets should be returned to the office at the end of the match. Each team shall be responsible for pin setters.

Feb. 15—L. X. A.-T. U. O.	16—P. G. D.-A. T. O.
17—T. X.-P. S. K.	18—S. O. P.-S. A. E.
19—L. X. A.-A. T. O.	23—P. G. D.-P. S. K.
24—T. X.-S. O. P.	25—S. A. E.-T. K. P.
26—P. G. D.-S. O. P.	Mar. 1—L. X. A.-P. S. K.
2—T. U. O.-A. T. O.	3—T. X.-T. K. P.
4—L. X. A.-S. O. P.	5—T. U. O.-P. S. K.
8—S. A. E.-T. X.	9—P. G. D.-T. K. P.
10—A. T. O.-P. S. K.	11—T. U. O.-S. O. P.
12—L. X. A.-T. K. P.	15—S. A. E.-P. G. D.
16—P. S. K.-S. O. P.	17—A. T. O.-T. K. P.
18—T. X.-L. X. A.	19—T. U. O.-S. A. E.
22—P. G. D.-L. X. A.	23—P. S. K.-T. K. P.
24—S. A. E.-A. T. O.	25—T. X.-T. U. O.
26—S. O. P.-T. K. P.	29—P. G. D.-T. U. O.
30—T. X.-A. T. O.	31—P. S. K.-S. A. E.
Apr. 1—T. U. O.-T. K. P.	2—T. X.-P. G. D.
5—L. X. A.-S. A. E.	6—A. T. O.-S. O. P.

You'll probably like (or resent) the headline in the Cincinnati (U.) News "Record," "Roosevelt to Address Students," followed by the box insert, "Famous Magician will be at U. C. Friday."

## Platukas Stars As Frosh Lose

### Worcester Academy Downs Swimmers 37 to 29

A surprisingly strong Freshman swimming team lost their first meet of the year to the more experienced Worcester Academy mermen by the comparatively narrow margin of 31-29. The meet was held in Fuller pool, Wednesday, January 27.

The outstanding performance for the Frosh was by Joe Platukas who captured the 150-yard back stroke in 1:12, two seconds over the Freshman record.

The summary:

40-yard freestyle—Won by L. Wilson (A); 2nd, T. Love (T); 3rd, E. Upham (A). Time 21:15 sec.

100-yard breaststroke—Won by S. Radner (A); 2nd, C. Goodchild (T); 3rd, K. Fowler (T). Time 1 min. 18.2 secs.

200-yard freestyle—Won by R. Wilhelmy (A); 2nd, E. Goodrich (T); 3rd, D. Murphy (A). Time 2 min. 13.2 secs.

100-yard backstroke—Won by J. Platukas (T); tied for second, E. Charnas (A) and H. Hartwell, Jr. (A). Time 1 min. 12 secs.

150-yard freestyle—Won by W. Crandall (T); 2nd, M. Briggerman (A); 3rd, F. Johanson (T). Time 6:16 secs.

120-yard medley relay—Won by Worcester Academy (R. Wilhelmy, S. Radner and L. Wilson; 2nd, Tech Freshmen (J. Platukas, C. Goodchild and S. Haselton). Time 1 min. 9.8 secs.

Diving—Won by A. Bridgeham (A), 51.3 pts; 2nd, J. Gardela (A), 50.5 pts.; 3rd, A. Maggiola (T), 40 pts.

160-yard freestyle relay—Won by Tech Freshmen (W. Crandall, T. Love, W. Lazott and F. Johanson); 2nd, Worcester Academy (D. DeLuca, F. Upham, R. Horton and M. Charnas). Time 1 min., 23.1 secs.



**OLDEST ?**  
THE NEW HOME OF ALPHA KAPPA PI FRATERNITY AT ST. JOHN'S COLLEGE, ANNAPOLIS, IS 216 YEARS OLD!



**GOOD CLEAN FUN!**  
IN A CLASS RUSH AT THE UNIVERSITY OF GLASGOW, SCOTLAND, 20,000 EGGS AND A TON OF FLOUR, SCOT AND FISH HEADS WERE HURLED. GIRLS ALSO JOINED THE BATTLE!

DR. JAMES A. NAISMITH, U. OF KANSAS PROFESSOR WHO INVENTED THE GAME OF BASKETBALL PLAYED IT ONLY TWICE!

## List of Ten Strongest Freshmen is Given Out

### Class Average Rises 60 Points

#### AVERAGE MIDYEARS—671.2

Ten strongest: 1. Altieri, 1211; 2. Hayes, 1076; 3. Handy, 1021; 4. Fritch, 969; 5. Hotchkiss, 963; 6. Lainer, 952; 7. Sadick, 947; 8. Charbonneau, 941; 9. Boynton, 938; 10. Hannigan, 930.

#### AVERAGE FIRST EXAM—613.6

Ten strongest: 1. Hayes, 1009; 2. Boynton, 901; 3. Altieri, 897; 4. Charbonneau, 894; 5. Handy, 861; 6. Hot-

kiss, 861; 7. Lambert, 850; 8. Francis, 844; 9. Lovell, 830; 10. Fritch, 818.

Senior women students at Pennsylvania State College have agreed that marriage and a career cannot be combined successfully.

An overwhelming majority of the 190 girls that took part in the poll declared that a career after marriage is not fair to the husband nor to needy single girls who are out of work.

N. Y. U. profs are lecturing Sing Sing inmates on business. Recent topic was "Your Dollar and Mine."

# G-E Campus News



### BY A NOSE

A century ago there was a race between a horse and a locomotive. No such race will be necessary to determine the supremacy of the steam-electric locomotive being built for the Union Pacific Railroad by the General Electric Company. This new unit will get its first trial run on the test tracks at the Erie, Pa. Works early this year.

This new passenger unit will carry a steam-turbine electric generating plant to feed power to the traction motors. The turbine will exhaust through condensers, using the same water over and over with small additions to make up for leakage. A new, highly efficient type of steam boiler has been built, and heavy fuel oil similar to that used in present-day locomotives will be used.

The new unit will be a double-cab locomotive, streamlined, practically smokeless, and provided with power equipment for air-conditioning the trailing passenger cars. It is rated at 5000 horsepower and is capable of hauling 1000-ton trains at a speed of 110 miles an hour. The efficient fuel consumption will allow runs of hundreds of miles at top speed without a stop.



### LOSE A NEEDLE?

Not a needle in a haystack, but perhaps a needle in a rug. During the manufacture of rugs, needles may become broken and embedded in the finished product. Former methods of inspection were tedious and time-wasting, but a new magnetic device indicates the exact location of the steel fragment.

This iron detector, developed in the General Engineering Laboratory of the General Electric Company, consists of a test coil, a motor-generator set, and an amplifier. The rug is passed through the magnetic field twice in directions at right angles. The presence of a broken needle causes a distortion in the magnetic field and consequently an unbalanced voltage in the secondary coil. This unbalance is amplified, and the relays cause signal lights to glow.

Detectors of similar principle have previously been developed for such uses as detecting scrap iron in sugar cane and in scrap cellophane. The General Engineering Laboratory is constantly receiving problems from industrial concerns and is developing equipment or giving suggestions to solve these problems.

96-353FBI

**GENERAL ELECTRIC**

## BETTER LATE THAN NEVER!

WASHINGTON AND LEE UNIVERSITY AWARDED COL. WARREN WHITSIDE HIS BACHELOR OF SCIENCE DEGREE LAST JUNE, JUST 38 YEARS LATE! COL. WHITSIDE LEFT SCHOOL A MONTH BEFORE HIS GRADUATION TO TAKE PART IN THE SPANISH AMERICAN WAR.

HE REMAINED WITH THE REGULAR ARMY AND THE UNIVERSITY DID NOT LEARN OF THE PECULIAR CIRCUMSTANCES UNTIL LAST SPRING!



THE AVERAGE NUMBER OF FOULS IN A BASKETBALL GAME IS 22!

## NIGHT OWLS!

THE TEMPLE OWLS PLAYED NIGHT GAMES FOR 7 YEARS BEFORE DROPPING THEIR FIRST NIGHT CONTEST THIS YEAR!





## Tech Council is Guest at Prexy's Dinner Meeting

### Paddle Rush and Disorganized Frosh-Sophomore Rivalry Discussed

The Tech Council was Prexy's guest for a dinner meeting on Monday, Jan. 18, 1937. Two important items of campus activities comprised the business of the evening. The first of these was discussion of the adoption of the Paddle Rush as another item of Freshman-Sophomore interclass rivalry under the Goat's Head competition and the other matter was that ever-recurring unpleasant business dealing with the uncontrolled Freshman-Sophomore rivalry during the first few days of Freshman Week.

The adoption of the Paddle Rush as an interclass competition for the Goat's Head will, in all probability, lend more support from the contesting classes. Often, in the past, there has been the feeling, by some, that since it was not part of the Goat's Head competition, it was not very important.

What to do about the unorganized, off-campus Freshman Week rivalry has been a headache to the Tech council for several years. Since the nature of this rivalry has become increasingly serious in the past year, the Tech Council and President Earle feel that some definite steps must be taken to curb the rowdy, destructive, neighbor-irritating, police-calling, off-campus activities between the two lower classes. Just what to do and how to carry out a program to promote on-campus and discourage off-campus rivalry is an ambitious but necessary undertaking.

An attempt was made in September, 1936, by the Council to retard off-campus activities. However a handful of disciples of such a plan could not be expected to reap much success—no plan of this type will ever get far without the whole cooperation of the unconcerned classes. Therefore when the Council announces a definite plan to control this matter let it have the support of all classes.

### Boynton's Beacon

(Continued from Page 1, Col. 3)

ming is bad and yet it is indulged in time and again but to what good?

Oh, well, they are past and all have made new resolutions. Now how about keeping a few of them.

Through the courtesy of the well known "Whacky" Worcester brand, we present this small contribution to that well known Professor's collection of "Little Gems of Literature".

Snow, snow beautiful rain,  
How I love to play in the mud.  
An Anonymous Moron.

After attending the Brown game, a resolution was reborn in several minds. A resolution which was even more applicable to the football season. It is simply this. Why can't a reciprocal agreement be made with each school with which an athletic contest is scheduled? Does this not seem reasonable that a good many more supporters of the team would be on hand to cheer the players to further efforts if after taking the trouble to travel anywhere from fifty to one hundred and fifty miles that the admission to these ardent supporters would be on their W.P.I. athletic ticket instead of forcing the supporters to shell out anything from forty cents to a dollar ten? The same

concession would be given to visiting collegiates.

Thoughts of a Freshman pledge after reading the recent article in *Esquire* concerning initiation. "Am I glad I was born thirty years too late."

If the present weather keeps up, it will probably be possible to go skating in the morning, swimming in the afternoon and then play a game of tennis. . . . We wonder if Mr. Whitmarsh of the Evening Gazette isn't rather glad that he backed down on that offer to take odds in the support of Clark over W.P.I.?

Editors Note: At the request of the Freshman class we are printing the following advice to the love-lorn, so that they may all become true Worcester Tech men.

Advice on the Technique of Conduct while with a girl or What Not to do and When to do it.

Step 1. Always ask the girl if she minds if you put your arm around her neck. If she says "Well I'd rather you wouldn't," it is all "ok" to go ahead. If however this results in a smarting cheek from a good right and you see red stop.

Step 2. Tell her that you are sure that your shoulder is much more comfortable than your arm. She should then snuggle over and after an indeterminate period look up to you with the glint of fresh "dew" in her eyes.

Step 3. Always make sure that her eyes are closed and her lips puckered up at an angle of 35 degrees, 42 minutes before going ahead.

Continued in our next for lack of space.

## tech news sport slants

Pete Bigler's charges partially redeemed themselves Saturday night for their showing in the Connecticut State game played just before mid-year exams. Against the Nutmeggers the Engineers showed a listless spirit in the opening minutes of the game and then discovered to their surprise that they were unable to get started. Al Raslavsky and Ray Forkey led the team in spite of their evident illness, and did all in their power to gain a victory. The Tech men just seemed to refuse to believe that there could be any player like Janiga and Pringle, of

the Connecticut State team, who could score profusely against their defense.

One of the local papers recently printed an article which quoted Pete Bigler as saying that if his boys would make ten per cent of the set-up shots they could win any of their games. But in spite of their listless showings in the opening minutes of several games, and their oftentimes inability to make foul shots or set-ups, they are still one of the best teams in New England, and deserve the whole-hearted support of the student body of the Institute, which seldom has such an opportunity of crowing over the athletic accomplishments of one of its teams.

# Barbara Stanwyck says: "Luckies make a hit with my throat"



"When talking pictures arrived, my stage experience on Broadway gave me my chance on the screen. Taking care of my throat became serious business with me, so I changed to Luckies—a light smoke. Of course I smoke other cigarettes now and then but sooner or later I come back to Luckies. They make a hit with my throat and also with my taste."

*Barbara Stanwyck*

RKO RADIO PICTURES' STAR  
NOW APPEARING IN  
"THE PLOUGH AND THE STARS"

An independent survey was made recently among professional men and women—lawyers, doctors, lecturers, scientists, etc. Of those who said they smoke cigarettes, more than 87% stated they personally prefer a light smoke.

Miss Stanwyck verifies the wisdom of this preference, and so do other leading artists of the radio, stage, screen and opera. Their voices are their fortunes. That's why so many of them smoke Luckies. You, too, can have the throat protection of Luckies—a light smoke, free of certain harsh irritants removed by the exclusive process "It's Toasted". Luckies are gentle on the throat.



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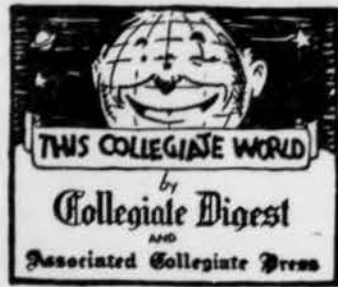
### Portrait Gift To Institute Count Rumford Oil Portrait Given by Mr. Thompson

An oil portrait of Sir Benjamin Thompson, Count Rumford, has just been given to the Institute by Mr. Eben Francis Thompson, a well-known Worcester lawyer and a collateral descendant of Count Rumford. The picture is to be placed appropriately in the library of the Physics Department.

Count Rumford was born in Woburn, Mass., but when he was quite a young man he went to England and then from there to the Continent. He was very distinguished in the fields of Chemistry and Physics and founded the Royal Academy in London. For a number of years he was the Minister of War of the Kingdom of Bavaria, doing remarkable work in preventing wars

and in taking care of the unemployment situation which always follows wars. Count Rumford was a great humanitarian, and was made a Knight of the Holy Roman Empire.

Mr. Eben Thompson has been prominent in Worcester activities for many years. He was one of the founders of the Worcester Shakespeare club and belongs to the Worcester Antiquarian society.



The "Mail-Order Ghost" has talked at last—after a million words of his themes

and term topics have been graded under the names of a score of paying student clients.

John Galvin, graduate student in history at Columbia University, began his "ghosting-career" in high school when lazy lads paid him a quarter to write each of their 300-word themes.

When he came to Columbia in 1932 and his many clients enrolled at Yale, Harvard, Fordham and Randolph-Macon, he had to extend his tailor-made theme service. The old patrons recommended him to others, and soon he had a prosperous mail-order business.

After more than four years of hard "ghosting" under others' names, Galvin has released himself from his careful anonymity and has become himself once again.

"There are five types of gum-chewers. First, the type which chews with a gentle, oscillating motion, like a contented cow. Next, the type which

chews to the rhythm of Fred Astaire and Ginger Rogers. Thirdly, the kind known as the 'railroad chewer.' They produce noises like the 'clickety-click' of a train.

"Then come two types of synchronizers. First, those who synchronize their mouths with their pencils, and, secondly, those who time the movements of their jaws with the speed of the lecturer."

W. A. Mann, University of Texas law student, is sick of hearing his own voice.

He wagered his roommates that he could better the late Huey P. Long's filibuster record of 16 hours. When they took him up on his boast, he launched into a non-stop monologue, time and again as lengthy as any that Cornelia Otis Skinner has ever given.

Talking on astronomy, religion, politics, economics, his life history and many other things, Mann lasted 16 hours and 10 minutes—10 minutes longer than Long.

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