

CREW PRACTICES IN WARMEST WEATHER OF SPRING SEASON

Oarsmen Work Out Smoothly,
Showing Effects Of
Fall Training

ACQUIRE NEW SHELL

New Craft Arrives From Davy's
Boat Shop; To Be Used
Next Week

With warm weather approaching and with the advent of a new shell, the Technology crews have had better luck with their regular rowing than for some time. Since Coach Bill Haines has had his boats out on the Charles, beginning some few weeks ago, his men have been sorely troubled by the chilly weather, to say nothing about the water shipped and sloshing around in the boat. But for the last few days the recent cold snap has relaxed somewhat, and the oarsmen have found it much more endurable on the river.

New Shell Delivered Saturday

Last Saturday saw the delivery of a new shell. It was sent to the Institute Boat House from the shop that has built most of Technology's and Harvard's shells, Davy's Boathouse. This new craft will not be used for a week or so, as the outriggers have not as yet been installed. It is very probable that the old varsity shell will be assigned to the use of the freshman crews.

Day before yesterday, Technology Boat House history was made in the gathering together of the first varsity crew at the early hour of four. Customarily, the oarsmen do not show up until about half-past five. Together with the comparatively warm weather, Coach Haines was able to have a much longer and better workout.

Only One New Varsity Man

Only one man rowing in the varsity boat this year is not a veteran, and he is Torbit. Torbit, never a particularly outstanding man in his first three years, has worked himself up to being qualified for the position of No. 3 on the varsity shell, as he showed real varsity performance last fall during the fall practice.

For the rest of the crew, they are all men of last year's varsity and jayvee outfits. Lawrence is captain, and rows stroke. The coxswain being worked now is Dunlap. The remainder of the boat consists of Pleasants (bow), Regan, Torbit, Cook, Miller, Hapgood, and Glann.

Coach Haines' and his assistants' chief worry this year is the same one that has troubled them for all their experience with

(Continued on page three)

Hoover Appoints Professor Dewey To Railroad Arbitration Council

Wage Settlement Effected In
Shreveport, And Dewey
Returns Monday

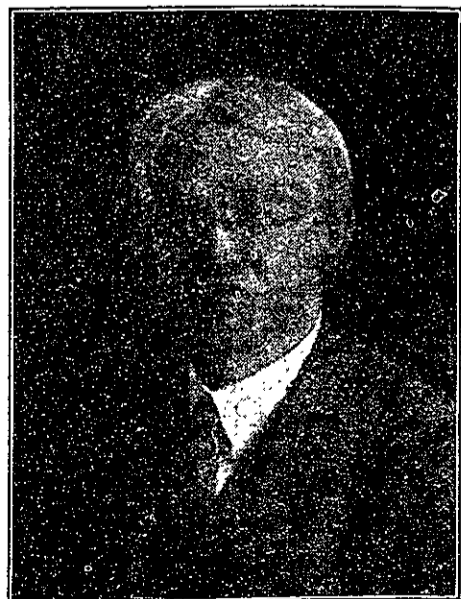
Dr. Davis R. Dewey, head of the department of Economics, after two weeks' service on the Emergency Arbitration Board appointed by President Hoover to investigate and report the facts involved in the wage controversy between the Louisiana and Arkansas Railway and some of its employees, will return to Cambridge next Monday.

Professor Dewey was preparing to leave for Washington to attend a meeting of the American Economic Society on March 11, when, six hours before his scheduled departure, a lengthy telegram arrived from the President requesting the eminent economist's service on the Arbitration Board. Immediately, plans were changed, and Professor Dewey went to Shreveport, Tennessee, where the arbitrating council convened.

Wage Dispute Involved

Employees contended that the railroad should adopt the agreement reached in Chicago in January, when certain workers

agreed to a one-year, 10 per cent wage-cut, beginning February 1, 1932. The L. and A.



DR. DAVIS R. DEWEY

compromised with its employees, deciding on a 10 per cent reduction, effective March 1, 1932, and subject to cancellation.

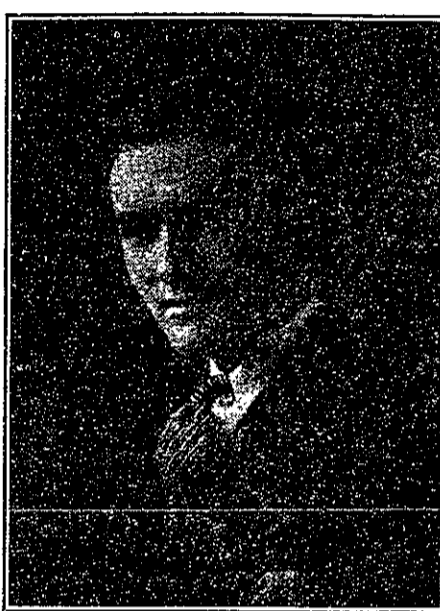
Undergraduate Leaders Favor Electioneering

PRESIDENTS VOICE ELECTIONEERING OPINIONS



HENRY D. HUMPHREYS '34

"I disapprove of 'ballyhoo' publicity for elections."



DONALD B. GILMAN '32

"It is the duty of the Institute Committee to prevent extreme forms of electioneering."



RICHARD L. FOSSETT '33

"I believe that electioneering within limits is beneficial."

SUBJECT CREATES MUCH DISCUSSION AT INSTITUTE

Undergraduate Leaders Mostly
Favor Practice Of
Campaigning

DIFFERENCE IN VIEWS

With criticism of the ruling on electioneering rising to an unprecedented peak, undergraduate leaders last night awoke to the seriousness of the situation and flooded THE TECH with statements for publication. Donald B. Gilman '32, President of the Institute Committee and the Senior Class, while stressing the fact that radical measures will be sternly opposed, admits that such things as impartial class meetings at election time "might be highly desirable."

By-Laws Contain Ruling

At the bottom of the current disapproval lies section 17, article 4, of the Elections Committee division of the by-laws of the Undergraduate Association. For the benefit of those not acquainted with the Constitution, that section reads: "All forms of electioneering at the polls and any attempts to form voting blocks, etc., shall be prohibited."

Freeman Fraim '32, Secretary of the Dormitory Committee, asserts: "Absolutely, we should have electioneering. I am familiar with Dartmouth political tactics and know that they make for friendly rivalry. They draw out people and get the votes. They have a regular political rally and get a lot of fun out of it. The present rule is no good at all."

Prominent Opinions Given

The presidents of the Junior and Sophomore classes, while they do not favor unlimited campaigning, both believe that

(Continued on page three)

Radio Broadcast Given Tonight By Club Musicians

Will Be Heard Over Station
WNAC; Present "Silver
Lining Hour"

Several specialty musical selections will be furnished by the Combined Musical Clubs for the "Silver Lining Hour," to be broadcast over Station WNAC tonight from 11.30 to 12 o'clock. This broadcast will be presented for the benefit of the Boston Industrial Home.

Those taking part in the entertainment are as follows: Russell S. Robinson, Unc., furnishing a piano solo; the clarinet trio, Howard M. Quigley '32, Wendell O. Wright '34, Warren S. Daniels '33; and William E. Conant '33, presenting a cello solo. The musical program will last about twenty minutes, the remaining ten minutes being filled by a talk given by a person whose name has not been disclosed.

Last Appearance Before Wheelock Concert

This will be the last public appearance of the Musical Clubs before the combined Wheelock-Technology concert and dance, which will be given on April 8. At the Wheelock concert, which will replace the Pops concert of past years, the musical groups of both schools will combine in its presentation in much the same manner in which the recent Technology-Framingham concert was conducted.

ENGAGE WRESTLER FOR EXHIBITIONS AT TECH CIRCUS

Committee Threatens Action If
Filter Paper Appears
On Circus Day

Technology's bone-crushers will have an opportunity to test their skill against a professional wrestler on the night of the Circus. The Committee has arranged to have Steve Passas, of Hartford, Conn., world's light-heavyweight champion, put on two exhibition bouts at the Armory. His opponents will be Fred Bruno of New York City and Sam Gardener of Villa Nova College.

After the exhibition bouts, Passas will take on all comers. A prize will be awarded to anyone who can stay in the ring over five minutes. The chairman of the Committee was assured that Steve would put on a show full of action.

Ban "Filter Paper"

Action has also been taken by the Committee to prevent the appearance of the *Filter Paper* or any similar publication on the day of the Circus. The following statement was released by the chairman of the Committee.

"In view of the fact that the Institute Committee has gone on record as opposed to the sale or circulation of a *Filter Paper* or similar publication, the Circus Committee as a sub-committee of the Institute Committee will not allow the sale or circulation of such a paper at the Circus.

"Names of persons violating this rule will be reported to the Institute Committee or to the Faculty for possible discipline."

(Signed) FRANCIS S. CHAMBERS '32,
Chairman of the Circus Committee.

The above statement was released because of rumors which have been circulating among the students to the effect that two or three groups intended to publish the forbidden sheet in spite of the view taken by the Institute Committee.

Apparently most of the students have caught the spirit of the carnival, since nearly every group has reserved a booth at the Armory. The D. U.'s are up in arms over the announcement that a cage would be used at the Armory to confine "unruly drunks," and some of them say they will bring hacksaws to cut their way out in case they are impounded.

Tech and Harvard Crews Clash In Unofficial Tilt

"Bang! Snap! Scrunch!" "Where the h—l yuh think yuh're goin'?" Thus ran the theme and variations not far from the Cottage Farm Bridge yesterday evening during crew practice. The freshman crews had been up river, rowing with true '35 zeal. On the way down they saw two Harvard crews parked under the bridge, their crimson-tipped oars idle. Down on them bore the juggernauts of the Engineers. Will Abramowitz steered his leading craft far from the men from up the river. The second boat, manned by the first-string freshman crew, came to a dead stop. The Harvard boys, thinking all was clear, rang up full speed ahead. But one of the coxswains misjudged and before he could change his course his shell collided with the Tech first-string boat, breaking about three oars of each. The Harvard crew made three valiant strokes before they fully realized that a collision had taken place. And so both crews were obliged to limp home under reduced sail to their respective boathouses.

Vibration Test On New Spectroscopic Unit Is Successful

Pounding of Ore Stamping Mill
Fails To Penetrate
Massive Walls

A miniature earthquake brought to the very door of the new Spectroscopic Laboratory failed to send even a quiver through the massive walls and foundations of the structure during a vibration test which was run last week. No expense was spared in the construction of the new unit to shut out all tremors which might interfere with the operation of the delicate apparatus housed in the structure.

Dozens of piles were sunk and quantities of insulating material were used to keep out sound, heat and vibration. The test last week showed that the efforts of the designer had been successful. In the Mining Laboratory, adjacent to the new structure, there stands a massive stamping mill used for the grinding of ores. Two iron plungers, weighing 400 pounds each, strike 200 blows per minute, reducing the ore to powder. In the recent test this machine was operated to produce tremors comparable to those of a distant earthquake.

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THE TECH REVIEWS
PROS AND CONS OF
R.O.T.C. ERUPTION

Army Officer States Atheism, Communism, Follow Pacifism

WAR DEPT. ATTACHED

Sufficient time has passed for one to look impartially backwards, and present the pros and cons of the recent R.O.T.C. eruption, which was not peculiar to Technology, but was mirrored in universities with similar R.O.T.C. units all over the country.

President Compton's opinion, which appeared in the February 25 issue of THE TECH, presented most of the arguments for Compulsory Military Training. The arguments for it, he said, could be placed under two headings, its disciplinary value, and its being a wise national precaution. Under the first, he stressed the value of teamwork to engineering, since the engineer has to be able to give and take orders, and be able to carry out assignments with precision. Furthermore, drill offers students the opportunity of overcoming lack of confidence in social contacts. Finally, the understanding of military tactics is in itself a cultural achievement.

Of Value as Militaristic Precaution

Of all the precautions necessary for national safety, President Compton continued, "The R.O.T.C. system is the least militaristic. Also, if R.O.T.C. were made optional, a reduction in the number of advanced units would undoubtedly occur."

Compulsory Military Training received a boost from the considerable publicity given to a speech made by Lt.-Col. Orvel Johnson, in which he emphasized that pacifism, atheism, and communism were one step from each other. He is executive secretary of the R.O.T.C. Association, and before the Women's Patriotic Conference on National Defence, speaking of pacifism and the church, said that the more young men are induced "properly to prepare and perform the full obligation of citizenship, the more they have helped them on the road to communism, the first step of which is atheism."

The Other Side

Most arguments featured by the opponents of Compulsory Military Training are regular pacifistic axioms, including the fact that war causes destruction not only of property, but of invaluable generations of men; that peace is a synonym for productiveness and progress, that civilization is forced backwards by every major war, and that compulsory drill is against the principles upon which this country was founded.

Many campus publications subjected the War Department to fire, and among these was the Columbia Spectator. Unusually frank, it announced that, "Not only has the War Department taken upon itself the work of educating youth in military science, but it has gone beyond that and tries to develop patriotism of the worst Ku Klux type. It had done everything in its power to discredit, without just reason, all movements directed toward pointing out the real motives for R.O.T.C. and C.M.T.C."

War Department Under Fire

The Spectator, reflecting the stronger opinion of student bodies, attacks the War Department still more unabashedly, with:

"The War Department, we believe is supposed to be an organization which keeps the army going in case a war should turn up.

"No one, unless it be a few Legionnaires, and those numerous Generals and Admirals who pass their time making silly speeches, believe that the War Department and the Navy Department are supposed to guide our thinking.

"But the War Department tries to do just that, and in addition, evidently wants to dictate the whole conduct of human affairs. It takes upon itself far more than it has a legal right to assume, and most of the legal rights under which it now functions were created during periods of hysteria."

This quotation is a rather rabid example of student opinion, but in the light of the general student press, it may be inferred that objections are based upon ethical reasons rather than laziness of students, and unwillingness to devote time to the subject.

OPEN FORUM

In opening its columns to letters addressed to the Editor, THE TECH does not guarantee publication of any communication nor does it necessarily endorse the opinions expressed. Letters on subjects of interest to the student body are welcomed if signed (however, if the writer so desires, only the initials will appear on publication).

More Anent Electioneering

Editor, THE TECH

Dear Sir: Tonight several underclassmen bearing a petition to change the regulation concerning electioneering in class elections visited me. They proposed to change Section 17 of Article IV under the Elections Committee in the Constitution of the Undergraduate Association reading: "All forms of electioneering at the polls and any attempt to form voting blocks, etc., shall be prohibited."

This section has undoubtedly been a bone of contention since its adoption, certainly since I have been at the Institute. However, the advantages accruing from the present interpretation of the section are not non-existent. Under the present system, it is true that very little opportunity is offered the classes to meet and learn the qualifications of nominees, particularly in freshman elections, but on the other hand, men active at the Institute soon become known. No man has any more opportunity than any other to place himself before the student body, and those that do become known do so deservedly. On the other hand, if all bans on pre-election electioneering are removed, the man who can afford an expensive campaign is at a tremendous advantage over one who cannot. Such an election frequently results in a wasteful squandering of money. To draw a sensational parallel, I might mention the senatorial campaigns of Messrs. Smith of Illinois and Vare of Pennsylvania. Coming down to more comparative levels, most of us have experienced or heard complaints against just such conditions in schools where electioneering is unrestricted.

An ideal election is, of course, impractical in such an institution as Technology.

Perhaps a forum, either published or consisting of personal introductions to the whole class would be a solution. Imperfect as it may be, however, the present restrictions seem to be a better method of election than an unrestricted campaign.

Very truly yours,
EDMUND H. LLOYD '33.

Class of '35 Replies

To the Editor of THE TECH:

Enclosed you will find a letter of student comment by Arthur K. Baker '35, on the recent issue of the Tech Engineering News. We submit it to you as being of interest to the student body in general.

"Your article presenting the facts in 'What's Wrong with Modern Engineering Education,' has attracted considerable notice among several of the Class of '35. Contrary to popular belief we of '35 are not as nonchalant as many portray us, and this matter of the methods used in presenting the subject material of our various courses does arouse interest in our ranks.

"Personally I know a few of the fellows in my class who would appreciate more of this constructive criticism, especially if it is possible to get a progressive-minded Professor as Ernst A. Guillemin to help make changes toward a Technology that does a better job of training prospective engineers.

"Many of the Class of '35 are finding it difficult to understand the material that is given to them in lectures and classrooms. Physics, in particular, is subject to this

(Continued on page three)

NEAR DORMS
Lydia Lee - Luncheon
Daily Change of Menu
Specials 40c. 65c.
Open 7.00 A. M. to 3.00 P. M.
Opposite Aeronautical Laboratory

... AND TORCHLIGHT PARADES

THE editorial stand taken by THE TECH in favoring electioneering in its milder forms has caused considerable comment among members of the student body interested in undergraduate affairs. Statements from prominent students both favoring and disapproving any change in the present strict rules against campaigning are presented in this issue. The overwhelming group opinion is that some change in the interpretation of the section regulating political activity is desirable because it would stimulate interest in class elections. Those asked to express an opinion are frank to admit that class elections are dead affairs, and with a few exceptions, all agreed that some change would be advisable.

Elections at Technology are dead. The last Senior Week elections furnishes the example par excellence: 25 men were nominated for a committee to which 24 were to be elected. The 24 were chosen by less than 160 men, less than a quarter of those qualified to cast ballots. The same appears to be true for regular class elections but in a smaller way: about 50 per cent of the eligible men vote. The proposed loosening of regulations regarding campaigning for class offices meets with the approval of a large portion of the men whose opinions are given today.

A complete freedom from any restraint is unadvisable, and those asked to express an opinion generally stated that they still favor some form of control. These men, who represent a large variety of interests in undergraduate affairs, have indicated their interest in the move to draw greater student participation in elections. Some active campaigning for political offices is desirable. This year it may be permitted.

TECH SAILORS

STUDENTS, like sailors, like to grumble. They are always sure that they are not being treated right. One group that has been vocal lately consists of those who would like Building 33 to be available until ten at night. At present, and for some time past, that building has been closed at 6 o'clock, and the janitors have gone home.

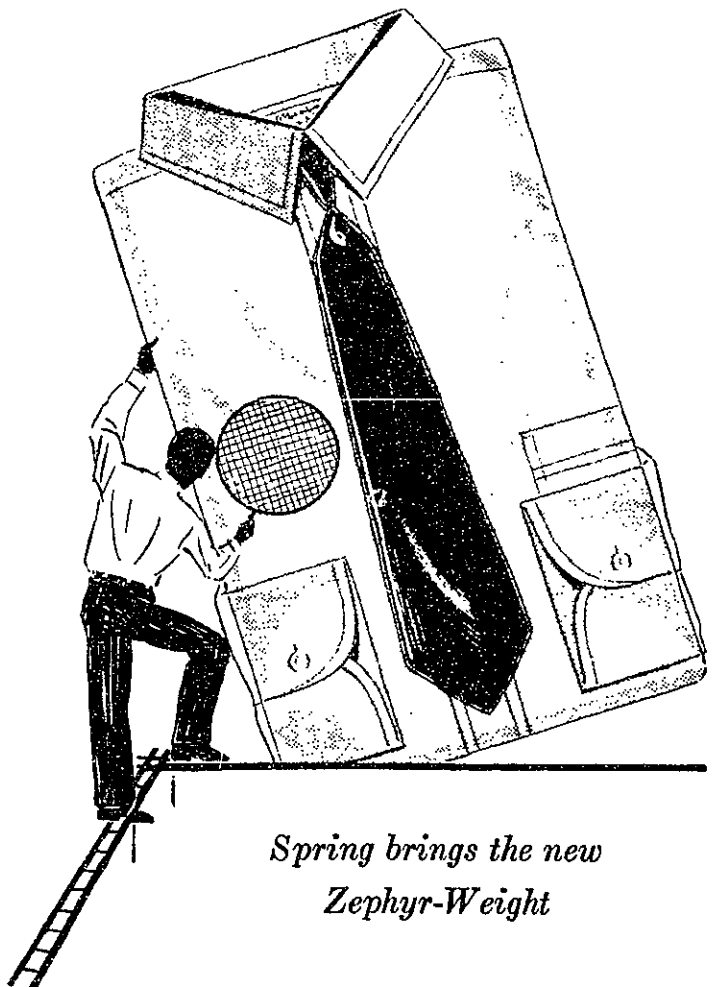
A group of the aforementioned students, feeling within them the desire to burn midnight oil, discovered that they could not do so in Building 33. They looked about them, and saw members of Courses XVII and IV working until 10 o'clock. Those buildings had night janitor service, and were kept open; why was not Building 33? They inquired of the head of Course XVI, and he inquired of Bursar Horace S. Ford, whether the building could be kept open evenings. The response was that it could, but the students would have to pay the janitor. The Institute, said Mr. Ford, was practising economy.

Thereupon the students became very wrathful indeed. They declared that there was discrimination; that the other buildings were open, and that the Institute ought to be able to pay a dollar and a half a night. The students became vocal, and THE TECH looked into it.

It appears that formerly, Building 33 was kept open until 10 o'clock, as the other buildings are. But no one felt the urge to do night work there, and the building stood empty most of the evening. It was decided that there was no reason for keeping it open, especially as it was not connected with the main group; since then it has been closed at six.

The present group of students who want satisfaction is small, and they will be working at night for only a short time; to be specific, until the new glider of the Aeronautical Engineering Society is finished; so there appears to be no reason for keeping the building open at night permanently. For the time being, the Society is paying a janitor one night a week. Bursar Ford assures the students that if a fair number wish to work in Building 33 often enough, the building will be kept open at the expense of the Institute. If when the glider is finished there are those who wish to do drafting or other work after six, the same proposition as to numbers remains open. Thus another grumbling is explained away.

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Spring brings the new Zephyr-Weight

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Here's the newest fabric in men's shirts — and the finest end-on-end madras we've yet seen! Styled for a variety of occasions; tab collar-attached — regular collar-attached — or with 2 separate matching collars. Blue, tan, green or gray. Sizes 14 to 17. Sleeve lengths 33 to 35.

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Freshman Basketball Team Members Receive Numerals

The following men were awarded numerals of the Class of 1935 for their work on the freshman basketball team during the season 1931-1932:

- | | |
|----------------|-----------------|
| R. F. Bailey | G. C. Rich |
| P. C. Cooper | W. A. Roffe |
| J. Doucette | A. Rosengard |
| J. L. Fisher | L. Szczehowicz |
| L. Fitzgibbon | F. W. Wetherbee |
| W. E. Peterson | |

Last night the Athletic Association announced that George Bull '34, was appointed manager of hockey, and Richard Lawrence '34, Sophomore assistant manager.

Men receiving their numeral awards at this time should call at the Athletic Association office at their earliest opportunity to get the shingles.

STUDENT LEADERS WANT CAMPAIGNING

Favor Move For More Freedom In Soliciting Votes

(Continued from page one)

Mild forms of electioneering would be beneficial. Richard L. Fossett, Jr., president of the Class of 1933, made this statement last night: "Having seen several rather inactive elections, I believe that anything which would stimulate interest in class elections would be a good thing."

Henry D. Humphreys, president of the Sophomore Class, said, "I also favor mild forms of electioneering which would allow friends to recommend and discuss the various candidates; however, I disapprove of any kind of 'circus' or 'ballyhoo' publicity for the elections."

Publication Comment

Expressing the opinion that allowing mild forms of electioneering would excite student interest, James E. Harper, Jr. '32, recently retired General Manager of *Voo Doo*, said, "It will put life into student activities around the Institute which otherwise blossom forth on only a few occasions. Some people are afraid there will be mud-slinging tactics. Politics of that sort would be only amusing rather than effective. I am in favor of electioneering."

Charles M. Thayer '32, General Manager of Volume LI of THE TECH, agreed with Harper and said, "It would increase interest and would at least give the students an idea of who is running before they see the ballot. A year's trial would not hurt the dignity of the School, and we could easily go back to the present system if it were thought desirable."

Few Say No Changes Needed

Of all those expressing an opinion of the matter of electioneering, there were only a few who were satisfied with the present arrangement. Wilber B. Huston '33, General Manager of *T. E. N.*, agrees that an interpretation is needed and stated, "The section should stand unaltered. No changes are needed. An elastic interpretation by some responsible body offers the only practical solution."

Apparently not one of those who see the latest move as something to stir the Institute students to much-needed activity is Charles C. Bell '33, Institute Committee member from the Junior Class, who made this statement: "My opinion is that it is an awful lot of bunk. It smacks too much of the collegiate."

Elections Committee Wants Change

Expressing an opinion for the Elections Committee, of which he is chairman, Edward D. Stevens, Jr. '32, said, "I think a little electioneering would do a lot of good in getting out votes and stimulating interest." It is this Committee which reported less than 160 out of 600 Seniors as casting ballots for Senior Week officials. The secretary of the Institute Committee, Clarence M. Chase '32, believes that elections here arouse as much interest as any elections either national or local among the same class of people as we are associated with at the Institute. In the last presidential election 66 per cent of the eligible voters cast ballots; the Elections Committee estimates that about half the eligible students voted at the last class elections.

Different Views on Printing

Whether printed posters and postcards should be allowed is evidently a point of difference between at least two men. John Streng '33, treasurer of T.C.A. last year, maintains that "It is impossible to hear of their spending money. It would be grossly unfair to certain candidates." W. Clinton Backus '33, manager of crew, on

Track Candidates Compete In Annual P. T. Competition

All Events Must Be Completed By Tonight—Winners To Get Medals

Today will bring to a close the annual "P. T." Competition. All freshmen who are substituting track for "P. T." are required to enter this contest, which consists of eight track and field events. The competition was scheduled to end last week but was held over on account of the cold weather which has hindered the runners considerably.

No records have been broken up to date, but there is still a chance of a few of them falling. Holby has come within 2 2-5 seconds of breaking the half-mile record of 2 minutes, 4 seconds. He also has a very good chance of lowering the times for the mile and the quarter-mile.

Medals will be given to the winners of the first three places. Among those who stand a good chance of capturing one of these medals are: J. Holby, A. Greenlaw, W. N. Stark, W. E. Clapp, G. Bartlett, D. A. Root, E. Rees, H. F. Dixon, J. H. Colby, and J. S. Holley.

Following are the best performances which have been turned in so far:
High Jump—5 ft., 6 in.
Shot Put—46 ft., 6 in.
Broad Jump—20 ft.
50-Yard Dash: 5 3-5 sec.
60-Yard Low Hurdles: 7 2-5 sec.
440-Yard Dash—54 4-5 sec.
880-Yard Run—2 min. 4 3-5 sec.
Mile Run—4 min., 41 sec.

Oscar Hedlund Issues A Call For Spring Runners

With the end of the "P. T." season, coming this afternoon, and the turf around the cinder track coming up into shape which will permit the men to run on it, Oscar Hedlund, track coach, has decided to open the spring season next Monday.

All men intending to run this spring should get out on the turf as soon as possible to obtain the advantages of an early start. There will be a track rally in Room 3-270 at 5 o'clock, Wednesday afternoon, March 30. Coaches will be present, and the plans for the coming spring season will be discussed at that time.

University of Oregon

A committee has been organized at the University of Oregon to record the activities of all students on the campus. Its purpose is to encourage scholarship and widen student participation in activities.

Stanford

Coeds at Stanford must pass a special physical examination and also be scholastically excellent in order to be allowed out until 12 o'clock on week nights and 1.30 o'clock Saturdays. But it is only the physically able who get the chance to stay out nights.

the other hand, says that personal solicitation which Streng approves should be prohibited and posters and advertising matter used entirely.

Addison S. Ellis '32, retiring editor of THE TECH, made the following statement: "In my opinion, any effort to center more student interest around elections, any attempt to make political accomplishments equally available to worthy candidates, is to be applauded."

Approve Biographies

Approving the policy of THE TECH, which is to publish biographical sketches giving the qualifications of the candidates for the major offices, Henry D. Humphreys, president of the Sophomore Class, said, "I think the policy adopted in 1928 when THE TECH printed the qualifications of candidates, is very desirable." In the same connection, Addison S. Ellis '32 said, "I believe that biographies in THE TECH will serve a worthy purpose."

When asked last night to express an opinion for publication, Leo P. Leino '32, chairman of the Dormitory Committee, said that he did not care to make a statement at that time.

OPEN FORUM

(Continued from page two)

criticism. Many of the men I am acquainted with received excellent marks in that subject in first-class high schools. It seems strange that those same men should come to Technology and suddenly find Physics so hard to master. Isn't there something wrong with a system to which so many have trouble adapting themselves? I am not alone in my opinion that classroom and lecture are very poorly coordinated, and that the addition of so much complicated mathematical theory actually makes for confusion rather than clarity.

"But my real object in writing to you, besides trying to convey to you some of the opinion of the present freshman class, is to appeal to upperclassmen and faculty to try and make changes which will benefit not only those classes to come in the 'forties,' but the Class of '35 as well. Upperclassmen have struggled through the same troubles we are now contending with, and they should know best of all the kind of changes that would benefit Technology most. Therefore won't you help to stimulate interest still more in this business of engineering education, so that many of the changes suggested by Professor Guillemin can be brought into effect in the very near future.

"By so doing you will gain a vote of thanks from all classes hereafter—and you might shake off some of that lethargy alleged to be clinging so profusely to '35."

Sincerely yours,

THE MANAGING BOARD,
VOLUME XIII,
Tech Engineering News.

MANY TECH CREWS ROWING ON RIVER

(Continued from page one)

Institute crews, and that is the constant fear that some one of their best men will come and report that he cannot row because of his studies and class or thesis work. This is the chief *bete noir* of all Institute athletic mentors.

As college crews go, the Engineers form a rather light boatload. The average is about 175 pounds, running toward the shorter build of men. The tallest man is Regan, rowing No. 2 place, who is six feet, two inches. His weight is about 170 pounds. Other than Regan, the majority of the men are shorter.

With six weeks' practice during the fall, the Beaver crew was able to work itself into excellent shape which it maintained nicely during the winter when the men were obliged to work out on the machines. Consequently they have a very smoothly-running organization this spring, when they can at last get out on the river and spend their time really rowing instead of pulling at oars with chilled blue hands.

Dean Gives Lift

Four students at the University of Detroit recently summoned a passing motorist with a request for a push in order to start their car. The motorist turned out to be the president of the University. He cheerfully gave them a lift.

Cribbing Outbreak

Fishnet stockings are causing an outbreak of cribbing amongst coeds, according to Professor Bradish of Northwestern University. Answers are written on slips of paper under the stockings and all the girls need to do is move their skirts and, well what can a professor do about it.

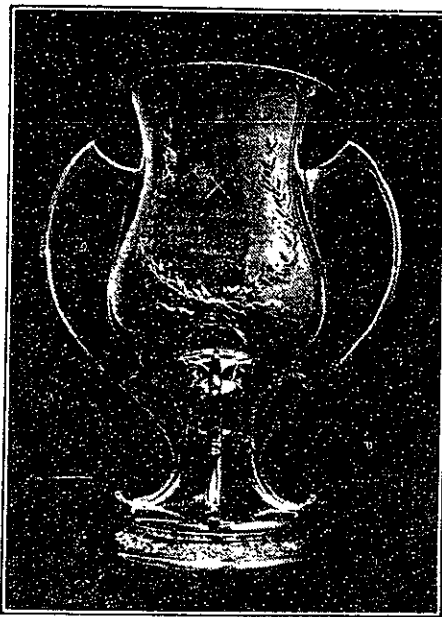
Fake Election

A Senior class election at Purdue university was called off when it was found that 185 votes were cast by 130 freshmen.

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THE EMERSON TROPHY



The American • College Editor

Steam Heat or Brains

(Michigan Daily)

A visiting professor recently remarked that too much money was going into the "roof" of education these days instead of into the basement. Throughout the past few years of prosperity, many of the prominent colleges of the United States have been proudly announcing their new building and expansion programs to the public, in their eagerness to provide for "bigger and better" facilities for the students.

The "bigger and better" facilities should, however, be more welcome in the guise of professorships and scholarships. First-class men are of far more value to universities, both in attracting new students and in promulgating the renown of the institution than are large, new buildings with the up-to-date equipment. Students abroad still live in dormitories and attend classes in buildings constructed more than a hundred years ago, and still maintain their splendid reputations. Their funds have been expended to provide professorships for prominent authorities, for research work, for scholarships and fellowships, which, after all, aid more than steam heat and running water.

The University of Michigan had for a time, planned a rather extensive building program. But this program was undertaken because of absolute necessity—firetrap buildings and lack of any adequate amount of space. Now that the immediate wants have been cared for, the University has indicated that it will not ask for any more building funds for several years. And at the same time, the faculty has not suffered any as a result of the depression. Teaching, as a profession, has notably been characterized as a meanly paid one. Yet the calibre of Michigan's faculty men

(Continued on page four)

Emerson Trophy Squash Matches In Second Round

Trophy Presented By Charles J. Emerson, '04, To Promote Interest In Game

Having completed the schedule of the current season with somewhat discouraging results, the squash men are now occupied in tournament play. With the play for the Emerson Trophy well in the second round, the better student players are slowly forging their way into the third and semi-final rounds.

While the tournament play is maturing into semi-finals, the students play informal matches with other teams. A team composed of J. J. McHugh, L. DeGive, H. A. Wood, E. D. Lucas, and C. P. Beaubien, representing the Institute, met and defeated a team from Exeter. Playing for Exeter were several of the Faculty, the squash racquets coach, and two of the better student players. The matches were hard-fought and in two instances the Institute players were forced to play the entire five-game limit in order to win.

DeGive in Semi-Finals

L. DeGive, who is the only man from Technology competing in the State Championship matches, has reached the semi-finals in the Class "C" group. Coach Summers is trying his utmost to give the Institute a State Champion in the person of DeGive, since Summers gives DeGive the benefit of his experience and knowledge of the game.

Other than being in the State Championship and in the trophy competition matches, Technology men are not competing. The Emerson Trophy was given by Charles J. Emerson '04, and is kept in the Walker Memorial Trophy Room. Each year the student squash players compete, to see who wins the trophy. Instead of receiving the large trophy, which is in the Walker Memorial, the winner of the matches has his name engraved on the cup and is presented with a duplicate. The runner-up also receives a cup, but his name is not engraved on the large trophy.

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OFFICIAL BULLETINS

OF GENERAL INTEREST

Physics and Physical Chemistry Massachusetts Institute of Technology

Friday, March 25, 4.30 p.m., Room 4-231

Lecture by Professor P. Debye.

Colloquium Electrical Engineering Department

Monday, March 28, and Tuesday, March 29, 2.00 p.m., Room 10-275

Dr. R. M. Burns, Assistant Chemical Director, Bell Telephone Laboratories, will lead the colloquium which is to be on the subject, "Corrosion Problems in Communications."

Open to Seniors, graduate students, Junior honors students and members of the instructing staff of the departments of Electrical Engineering, Physics, Chemistry and Chemical Engineering.

C·A·L·E·N·D·A·R

Friday, March 25

- 4.30 p.m. — Lecture by Professor Debye in Room 4-231.
- 5.00 p.m. — Chess Team meeting, Faculty Dining Room, Walker Memorial.
- 7.30 p.m. — Chinese Student Club meeting, North Hall, Walker Memorial.
- 8.00 p.m. — Chess Team meeting and match, Faculty Dining Room, Walker Memorial.

Saturday, March 26

- 12 noon. — Course VII-A basketball game, Hangar Gym.
- 6.00 p.m. — Boston Bacteriological Society dinner, Faculty Dining Room, Walker Memorial.
- 6.00 p.m. — Basketball Team dinner, Walker Memorial Grill.

Thermionic Switchboards Used To Control Lighting Display of Theater

Produces Better Lighting Effects And Are More Efficient

Thermionic tubes similar to those in radio are now used in elaborate theater lighting systems with the same ease and precision as in a radio receiving set. Color effects are selected more easily than broadcasting stations are tuned in, and light intensities are controlled just as the volume is regulated.

Use of tubes makes this system of lighting very easy to handle and also saves much space. Where before there was a large apparatus, there is now a thermionic tube, which does the same work and does it much more efficiently.

Use Movable Switchboard

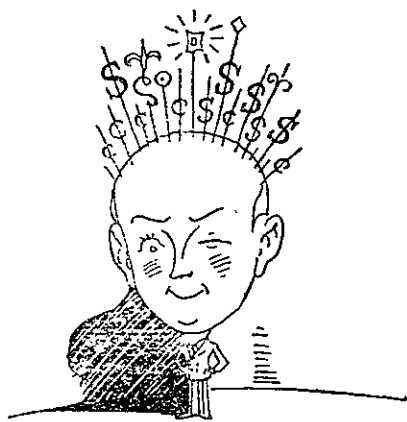
While the new type of switchboard provides greater flexibility than previous designs of circuits and dimmers, and thus better coordination of lighting effects, its control is quite simple. The board has 72 controlled circuits for stage and house lighting and 30 switch circuits for miscellaneous lighting. Colors are in combinations of white, blue and red, and the stage lighting is controlled from a portable switchboard. This portable board is connected to the tube units by a flexible cord and all lighting is controlled by reactors through the thermionic tubes.

Each circuit has a scene-fader which makes it possible to blend one scene gradually into the next. The lighting changes from one arrangement to the combination of colors chosen for the next scene and the circuits respond with the required intensity.

Fading is proportional to the amount of voltage passing into the electrical color master, and this is regulated by means of a sliding arm that moves over a series of potentiometers. Proportional changes in voltages impressed on the sliding arm produce corresponding changes in the lighting intensities of the circuits connected to these controls. For example, one of the

circuits connected to this color master is at full brilliancy, a second at three-fourths, and a third at one-half brilliancy. When they are dimmed out by the color master, they will all start dimming at the same time proportionally so they will reach the black-out position at the same time.

This gives a much more pleasing effect than the interlock type of control, which dims the circuit of full brilliancy until it reaches three-fourths, when the second circuit is interlocked. Both continue to dim until half brilliancy is reached, when the third joins, and they all travel to the blackout together. This method gives a spotty effect that is undesirable. This, however, is eliminated where the new thermionic switchboard is used.



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DR. BOYCE SPEAKS AT PHYSICS COLLOQUIUM

At a Physics Colloquium yesterday afternoon in Room 4-231, Dr. Joseph C. Boyce, Research Associate in the department of Physics, spoke on "The Excitation of Extreme Ultra-Violet Spectra in Gas Discharges." Mr. Nathan Rosen discussed "Some Vibrational Levels in the Ammonia Molecule."

Non-Sorority Co-eds

Non-sorority coeds at the University of Utah have formed an organization known as Phrateries. It is an outgrowth of the men's section of the Barbs organization, made up of non-fraternity men.

The American College Editor

(Continued from page three)

has not been lowered by any cutting of salaries, which might result from a decrease in income, whatever the source. Michigan may lack university-owned dormitories in which to house the entire undergraduate body, accommodations furnished in a great many newer universities; it may lack proper facilities for storing its records and carrying on the routine administrative duties. But it can still boast that it has not been necessary to cut salaries in order to provide these newer building schemes.

The College Atheist

(Syracuse Daily Orange)

Every so often we hear the opinion that all college students, or at least an appreciable majority of them, are atheists. From the contact we have had with other undergraduates, we believe that this idea is rather exaggerated.

It is true that everyone must have some sort of religion, whether it be an orthodox creed, agnosticism, atheism or any other of the various beliefs or alleged disbeliefs. But of all the college students a fair estimate would place a large percentage definitely as believers of God, as their fathers have believed.

The radicals, atheists and disbelievers are conspicuous because of their non-conformist attitude, and hence seem to compose larger ranks than they actually do.

BASEBALL

There will be a meeting of all baseball enthusiasts in Room 1-331, at 5 o'clock this afternoon, for the purpose of discussing the possibilities of organizing a varsity and freshman baseball team under the auspices of the Athletic Association.

NUMERALS

Numerals awarded to men for work during the Indoor Interclass Meet, and those going to the members of the freshman basketball team, are obtainable now at the Athletic Association office, on the third floor of Walker Memorial.

Infirmary List

- Helen K. Clark '33
- Charles C. Hellmers '33
- A. LaCapria
- Frederick A. Ladd, Jr. '32
- Edward Lowenstein '35
- Russell Murphy '33
- Miss Oakes, employee
- Harry M. Rosen '33
- Frederick W. Wehmiller '33
- Edward L. Wemple '33

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Luncheon 50¢
Dinner 75¢ and \$1.00

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