



## INSTITUTE TEAM DEBATES TONIGHT IN EASTMAN HALL

Junior Co-ed Speaks On Team  
Which Faces Middlebury  
On Arms Topic

### FIRST VARSITY DEBATE SINCE START OF CLUB

Professor Rogers Is Chairman;  
Affair Over Before  
Dorm Dance

Technology's first varsity debate will be held at 7:30 tonight in the Eastman Lecture Hall, Room 6-120, against a team representing Middlebury College. Alice T. Hunter, '36, with Philip R. Scarito, '37, and Paul W. Stevens, '37, will uphold the negative of the question "Resolved: That the manufacture of arms and munitions should be a monopoly of the Federal Government."

Professor Robert E. Rogers of the English Department will be chairman. The judges are Brothers Marcelemus and Arnold Mission Church High School and Dr. Frampton of Westminster Students' House.

#### To Precede Dance

There is no admission price to the debate which will precede the Dormitory Dance. Members of both teams will attend the dance afterwards. The debate will not last later than nine o'clock.

Tomorrow at two o'clock another team will meet Wellesley to debate the same subject. The student body  
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## GERARD SWOPE GUEST AT WEEKLY GRADUATE HOUSE DINNER FORUM

Mr. Swope Leads Discussion By  
Answering Questions Of  
Group

Mr. Gerard Swope, '95, president of the General Electric Company, was guest speaker at the weekly graduate house dinner Wednesday. Mr. Swope, graduate of Technology in Electrical Engineering, is a member of the Executive Committee of the Corporation. Instead of making the usual after dinner speech, Mr. Swope had asked that he might be permitted to introduce an innovation by way of making an open forum of the meeting. For his purpose he was presented with a list of about five questions which he discussed in an informal manner. In reply to the query, "What do you consider most important for a success?"  
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## LEE CLUB INVITED TO VESPER SERVICE

Will Assist Wellesley Choir In  
Annual Event

As a result of the recent joint contact of the Technology Glee Club and Wellesley Choir, the Glee Club has been invited to assist the Choristers in their annual Christmas Vesper Service to be held in Wellesley Chapel December 16, at 5:30. Forty-three members have been selected by Coach William Weston to represent the Technology club.

In the spirit of the season, Edward Greene, coach of the Wellesley Choir has included in his program several traditionally favorite carols. Technology men are invited to attend the concert. There will be no admission fee. The Wellesley Choir will be under leadership of Marjorie C. Morris Olga Tomec.

## Compton Will Make Speech At Army Officers' Meeting

Dr. Karl T. Compton will be the guest speaker at a meeting of the Army Ordnance Reserve Officers in the vicinity of Boston. The meeting will be held at 8 o'clock Tuesday evening in Walker Memorial. Members of the R. O. T. C. units and the Faculty of the Institute are invited.

## WRESTLERS ELECT MARDOROSIAN AND OSHRY CAPTAINS

Grapplers Open Season Tomorrow  
Afternoon In Hangar  
Gym

### FRESHMEN ALSO WRESTLE

Jay Ricks' wrestling team that faces Harvard tomorrow afternoon will have two captains in the lineup. The men chosen this year as co-captains are Harold Oshry and Avedis Der Mardorosian, and in view of the parallel records of the two men it is not surprising that their team mates had a hard time deciding whom to elect.

Both men wrestled in their freshman year and both won first places in the freshman New England Intercollegiate, Mardorosian taking honors in 118 lb. class, while Oshry won the 135 lb. class. As Sophomores they wrestled on the varsity team and in the N.E.I.C.C. Mardorosian placed third, while Oshry placed second. While Juniors, Mardorosian placed second in the 126 lb. class. Since they are of about the same build and weight, they do most of their wrestling together while at the Hangar.

The team that meets Harvard tomorrow afternoon at 2:30 is as follows: 118, Clark; 126, Mardorosian; 135, Mardorosian; 145, Webb; 155, Boyan; 165, Heal; 175, Pellam; heavyweight, Cestoni.

The freshmen who also take on Harvard will start: 118, None; 126, Milius; 135, Halpern; 145, Cettie; 155, C. Williams; 165, Enver; 175, Strom; heavyweight, Peyton.

## Meeting Held to Acquaint Students and Instructors With E. E. Problems

Twelve Members Of Electrical  
Engineering Staff Present  
Talks On Researches Taken  
Under Their Direction

For the purpose of acquainting the members of the Institute staff and interested Seniors and Graduates in the research problems that are being pursued by the Department of Electrical Engineering, a general research meeting was held Wednesday afternoon at 3 o'clock in Room 4-270.

Twelve members of the Department staff gave eight minute talks on the research which they have been particularly connected with.

**Study High Speed Motion Pictures**  
Professor Harold E. Edgerton spoke of stroboscopic high speed motion pictures as applied to an array of problems from the investigation of cavitation effects to the observation of internal functions of diesel engines and the study of air flow currents past aeroplanes.

Measurement of fog density by means of the fog calorimeter was explained by Mr. Bradford of the Round Hill research station of the Institute. Success thus far in this work has attracted world-wide interest.

**Cathode Sputtering Presents Problem**  
Investigation of the nature of "cathode sputtering", which causes damage in thermionic devices, was discussed by Dr. Gregory S. Timoshenko, who has recently joined the department.

## "ARE YOU LOPSIDED FRAGMENT?" ASKS TECHNOLOGY UNION

Engineer's Position In Society  
Is Subject Of Discussion  
For Next Tuesday

### FACULTY TO PARTICIPATE

"Are you a lopsided fragment?" This question which was displayed in the Main Lobby all day yesterday, and which aroused considerable curiosity, is the question that the Technology Union asks of every student, in announcing its second session. This will be held next Tuesday, December 18, at 7:45 o'clock, in the Eastman Lecture Hall. Professor Norbert Wiener and Professor Charles F. Taylor, of the Institute faculty, will oppose each other. The official discussion will be: "Does a Technology training equip a man to take his place in the society of the next twenty years?"

The procedure in this week's discussion will be similar to the last meeting held three weeks ago on the subject of "Electioneering". Professor Wiener and Richard F. Bailey, '35, chairman of the Student-Faculty Curriculum committee, will answer the question in the affirmative, while Professor Taylor and Edward E. Helwith, '35, will reply negatively. Following the presentation of the speeches, the floor will be open for general discussion by the audience.

**Compton For Rounded Education**  
The question of the engineer's position in society is recognized as one  
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## PROF. ROGERS SPEAKS AT OLD SOUTH FORUM

Professor Robert E. Rogers, speaking on "Youth and the New Deal," will be feature speaker at the Old South Forum next Sunday, December 16. Richard W. Hale, founder of the forum, will preside at the meeting, which will be held at the Old South Meeting House, located at State and Washington Streets, in Boston.

### Announcement

In an effort to gauge the prospects facing graduates of a school such as Technology, as seen by practising engineers, THE TECH has sent out a poll to a few of our more prominent alumni.

To date several answers have been received, and on Tuesday, December 18, the first of these will be printed.

The questions to which a reply was solicited were as follows:

1. Do you see the way clear to better relations between employer and employee in the near future?
2. What do you think the engineer's part should be in the remedying of social maladjustments?
3. What should the engineer's philosophy be with regard to the future?
4. Do you think the policies of the present administration indicate a trend away from individualism? If so how will that trend affect the engineer?

We will welcome, of course, opinions of members of the student body and Faculty.

THE EDITORS

## COMMUTERS PLAN NEW YEAR'S DANCE

Dinner Dance In North Hall Of  
Walker Will Usher In  
Year 1935

Announcement that the annual New Year's Eve party of the 5:15 Club, which will be held this year in the North Hall of Walker Memorial, will include both dinner and dancing, was made by the dance committee last night. The orchestra for this affair has not yet been selected.

For \$3.50 each couple will receive dinner, favors, and souvenir noise makers. The dance itself will last until 4:00 A. M. Because the dance is being held in North Hall, subscription is limited to 75 couples. As last year's dance was oversubscribed, those desiring to attend are advised to make their reservations as soon as they go on sale in the Main Lobby today, between 11 and 2.

Upon the deposit of \$2, table reservations will be made. The tickets will be on sale all next week; reservations closing next Friday, Dec. 21 at 2 P.M.

## TECH SHOW TO BEGIN REHEARSALS TUESDAY

Rehearsals for the 1935 Tech Show will start Tuesday, December 18, at 7:30 in Walker Gym, and will be held every Tuesday and Thursday until the beginning of next term. All those who missed the first try-outs should report at this first rehearsal.

"Plans for this year's production call for a large cast and chorus," remarked Lawrence Kanters, '36, of the managing board, "and there is room for everyone who wants to try out."

## MENORAH SOCIETY TO HOLD COMBINED DANCE

Myron G. Alpert And Orchestra  
To Play At Affair

Menorah Societies of Simmons, Emerson, Portia, Boston Teachers' College, Radcliffe, Tufts, and Harvard will be represented at a second inter-collegiate Menorah dance to be held in Walker Memorial Saturday evening at 8 o'clock.

Music for the evening will be by Myron Alpert and his orchestra. Colleges represented at this dance are the same as at the last dance of the Societies held in October.

Tickets for non-members may be obtained at the door for fifty cents each. Members will be admitted free of charge.

## PROFESSOR HARRIS CRITICALLY HURT IN AUTO ACCIDENT

Name Placed On Danger List At  
Cambridge City Hospital;  
Condition Serious

### CAR OVERTURNED AFTER STRIKING STEEL POLE

Dr. Harris Has Concussion Of  
The Brain And Possible  
Fracture Of Skull

Dr. Louis Harris, '20, Assistant Professor in the Department of Chemistry, was reported in a critical condition at the Cambridge City Hospital last night, after an automobile accident early yesterday morning on the Cambridge Parkway.

Professor Harris suffered a possible fracture of the skull, concussion of the brain, and numerous other injuries, when the automobile in which he was riding struck a steel light pole on the Parkway near Commercial Street and turned over. Dr. Harris was rushed to the hospital in an ambulance. His name was immediately placed upon the danger list.

In the same automobile with Professor Harris were Ralph P. Malcolm of Arlington, who has several fractured ribs, a broken leg and several cuts and Malcolm's son-in-law, Sidney Kitson, who escaped with minor injuries. Kitson told police that his father-in-law was driving him to the South Station where he intended to board a train for New York.

There was no witness to the crash, but Patrolman Joseph Snyder of the Metropolitan District Police heard the crash from some distance and hurried to the scene. Kitson was crawling from the wreckage of the overturned car. The dazed man helped the officer extricate the unconscious Professor  
(Continued on Page 5)

## INTELLIGENCE DANCE TRY'S COLLEGE GIRLS' HOUSEHOLD ABILITIES

Jacques Marlow And His Band,  
Dressed As Gypsies, Will  
Provide Music

"Are college girls good cooks? What girl's name is most favored by Technology men? Which girls' college is most popular at the Institute?" All these questions will be answered at the Dorm informal "Intelligence Dance" to be held tonight in Walker Memorial from 9 to 2 o'clock.

Results of these and other questions will appear throughout the evening on a "running scoreboard" in Walker lobby.

"Santa Claus" has arranged to be present during the evening to distribute favors and take part in the entertainment. A huge Christmas tree will be decorated and placed in the center of the dance floor. After the dance, the tree will be given to the Technology Christian Association, to be placed in the Main Lobby, as in previous years.  
(Continued on Page 6)

## CATHOLIC CLUB HOLD COMMUNION BREAKFAST

Father J. F. X. Murphy, S.J., of Boston College will be the guest speaker at the Communion Breakfast of the Technology Catholic Club to be held Sunday morning at the Hotel the nine o'clock mass at the Cathedral of the Holy Cross. The cost of the breakfast will be seventy-five cents.

Preceding the breakfast the club will receive Communion in a group at the nine o'clock mass at the Cathedral of the Holy Cross. The cost of the breakfast will be seventy-five cents.

## START LECTURE SERIES IN ARCHITECTURE TODAY

William W. Drummey, supervisor of architecture of the Boston School Committee, will give the first of a series of five lectures on the economics of architecture at the Technology school of architecture today.

Interest in cosmic radiation is being centered upon the occurrence of "bursts" of periods of high radiation intensity which, from correlations of data taken this summer by Professor Ralph D. Bennett and Professor Gordon S. Brown, appear to have definite periodical behavior, which may be mathematically expressed.

**Load Division Studied**  
Mr. James F. Mulligan, of the Electrical Engineering Department, is investigating the efficient division of loads among generating units.

The power factor bridge, developed by Professor Jayson C. Balsbaugh, is particularly useful to physical chemists for the speedy and accurate determination of the conditions of various commercial dielectrics such as insulating coils.

Dr. John L. Barnes, formerly of Princeton, has gone far into the realm of higher mathematics and contributed much to this study in seeking more practical solutions of problems in electrical networks.



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SOOTHING THE CHAMBER OF COMMERCE

SEDITION LAW

SAID Machiavelli, some 500 years ago, "He who becomes master of a city accustomed to freedom and does not destroy it, may expect to be destroyed by it, for in rebellion it has always the watchword of liberty and its ancient privileges as a rallying point, which neither time nor benefits will ever cause it to forget."

Yet today, the United States Chamber of Commerce recommends "that a sedition law be enacted, prohibiting advocacy of violent overthrow of the Federal Government," and that, in general, strong official steps be taken to hinder as far as possible those voicing doctrines whose application would be dangerous to the existing state.

The fears of those who share the views of the United States Chamber of Commerce would perhaps be stilled if they realized that governments are not created by proclamation. For permanence, a regime must have the willing or forced acquiescence of the people, or rouse in them only indifference.

It is conceivable that a people with the training and traditions of Americans would be indifferent to an unconstitutional form of government in Washington, were such a government careful not to interfere with the livelihood or customs of the great majority. But it is not probable. It is conceivable that the people could for a time be persuaded to support a government inimical to their best interests. Lincoln said, "You can fool all of the people some of the time." But it is not probable.

It is impossible that a nation with the size and physical resources of the United States, with the energy and spirit of its people, could be forced to support any regime at the sword's point.

As long as economic and bureaucratic oppression does not push the average man to that point where he will seek any way out, as long as he has not desperate ills that only desperate remedies can cure, the established institutions of this country are safe against the attacks of all extremists. But if the great mass of people are put in such a position that they welcome the doctrines of those advocating violent overthrow of the government, then the recommendations of the United States Chamber of Commerce, the warnings of patriotic flag wavers, and the laws of the land will all be of no avail.

EQUALIZING BURDENS

PROFITLESS WAR

THE national administration has finally taken steps to take the profits out of war. It is a move that has been advocated for years by all who have given their attention to the causes and cures for wars and it is characteristic of the inertia of governments that such action has been delay-

ed until now. The president has demanded legislation in this direction from the next congress and has ordered a committee to draw up a program to be presented at the coming session.

The ideal of equalizing the burdens of war is praiseworthy as are most of Mr. Roosevelt's ideals. However, it appears that this one will be sufficiently tempered before being put into execution to suit the most powerful of the interests it will affect, as has been the case with such ideals as abolishing poverty through the N.R.A.

Senator Nye, chairman of the committee of the senate investigating munitions, has expressed his resentment at this action of the administration, as have other members of this committee, declaring that departments of the government are co-defendants with the munitions makers. And the fact that none of the members of this committee were called into consultation by the president at a meeting of "experts" on this problem might indicate that the matter has not been considered from all angles.

The only way to make war undesirable for those elements that have hereby gained from it is to remove the profit which they have heretofore derived. Whether anything substantial comes of the entire move will depend on how well the commission is able to eliminate the influence of the powerful munitions interests and produce plans for impartial, courageous legislation.

KING COTTON THREATENED

DANGER FOR THE SOUTH

KING cotton, for whom the Civil War threatened to tear our country asunder, may soon be going the way of so many of his predecessors. So says our ambassador to Rome, Breckinridge Long, who has brought back a synthetic product from the mills of Milan. This new material, prepared from wood fibre is claimed to be capable of replacing 80% of Italy's real cotton consumption.

If the Germans and Italians, who are developing this synthetic cotton, succeed, the future of the cotton producing regions looks very uncertain. The technical processes developed in European laboratories in times of need may become so efficient as to beat the natural product in the open market.

As scientists and engineers we should look with pride upon a synthetic product that can do a better job than that wrested laboriously from nature. But as practical economists, we should consider our southern states. Egypt, India, and Russia, all raising cotton. Here, today, "surplus" cotton is being plowed under and paid for from the public treasury. What would happen if a great percentage of that cotton now being used were to be replaced by another product? How could the industrial structure of the south be modified to rest upon some other base? What new turn would the negro problem take?

The answers to these questions would be even more difficult to find than those which have troubled the south since the Civil War. Recognizing the possibility of such a problem, President Roosevelt has sent the fabricated sample to the Department of Agriculture for analysis and appraisal. The report will be made privately to him to prevent any premature suggestion of its possibilities.

OPEN FORUM

In opening its columns to letters addressed to the Editor, THE TECH does not guarantee publication nor does it necessarily endorse the opinions expressed. Only signed communications will be considered. However, if the writer so desires, only the initials will appear on publication.

To the Editor of THE TECH:

Years and years ago, when I was an inconspicuous little frosh, I read in my handbook that the Institute Committee was "the most reliable source of obtaining student opinion."

Today I stand (or rather sit) a disillusioned Junior. I saw the Committee reject the Tech Circus, then electioneer for votes by "urging the students to uphold the Committee's decision" in the referendum. The students however showed that they DO want the circus.

Now comes the part that gripes me. The Institute Committee (after seeing we want the circus) practically prohibited it by requiring a \$500 bond. Why? Did the circus lose money the last time it was held? NO! If any other activity had come out evenly financially, would they be required to post a \$500 bond? NO! Did every activity come out even or make money last year? NO! Do any of these have to post a \$500 bond? NO! Why the rank partiality?

Remember, Institute Committee, the question of the holding of the circus has been answered for you; don't let that prejudice you in the budget. What makes you think they are going to lose \$500 when they made money before? The sponsors would possibly post \$100 or \$200, but not \$500. We want a lower bond. And we want the Tech Circus!

LADISLAW REDAY, '36

OPEN FORUM (Continued)

Editor's Note: Although the Institute Committee has announced that there will be a bond required if a Tech Circus is held, the size of this bond has not yet been set. The writer is also incorrect in his statements regarding the Institute Committee's treatment of other activities. Tech Show has been required to pay last year's deficit of \$92.96 and in addition must deposit a bond of \$200 if it expects to continue. Similar action has been taken in the past. The last Circus held made a profit of some \$0.86.

The editor would be interested to know who constitute Mr. Reday's "we".

GERARD SWOPE SPEAKER AT GRADUATE DINNER

(Continued from Page 1)

Successful executive?" the speaker stated that first and foremost came the necessity for character and integrity. He explained that the ability to see the other man's point of view and to make adjustments in a tactful way seemed most essential.

He explained that, naturally, ability must also be present in a good executive, but this takes a secondary place compared with character. The quality which the executive must have above all others is the ability to get along with other people and to inspire the other fellow's confidence.

Mr. Swope was most definite in his encouragement to those taking up advanced study. He asserted that in order to attain a good position either

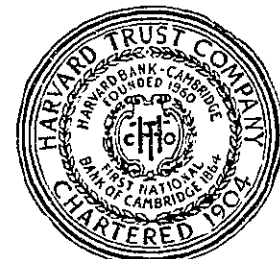
in teaching or in industrial research, one must be "a Ph. D. of high order."

In the field of business, he affirmed, it is the work which one does after leaving college that contributes most to success.

In concluding the meeting, Dr. Ashdown, who presided, thanked the guest for his discussion and announced that since the last Graduate House dinner before Christmas, will be held next Wednesday night, the event will take the form of a Christmas party with musical and necromatic entertainment.

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## BATTLE-SCARRED PUCKSTERS MEET THIRD OPPONENT

Play Another Powerful Enemy  
As They Face Brown  
At Providence

### IS LAST GAME UNTIL 1935

Still smarting from its 10-0 defeat at the hands of Harvard last Tuesday night, the M. I. T. hockey team is waiting anxiously for the contest with Brown tonight at Providence. This will be the puckster's last game until they face Northeastern University at the Arena next January 4.

This break in the schedule after tonight's game will give Coach Owen an opportunity to smoothen out some of the rough spots which the team has shown. The team was faced with the proposition of playing Princeton, Harvard, and Brown, three powerful teams, in the short period of eight days. Consequently, Owen has had only light practices and has had little opportunity to materially improve the team during the interval.

The Harvard defeat was not quite as decisive as the score would indicate, but Tech was clearly outplayed by a team supposed to be the Crimson's best in years. The large score, however, was run up in the last ten minutes of play, when numerous Tech penalties, the tiring of Van Patten-Steiger, and a four-man offense permitted the Harvard first line to score almost at ease.

After Duffey, of Harvard, had pushed one past Van Patten-Steiger in the first 24 seconds, the Engineers settled down to the playing of a strictly defensive game. While the opposition had the puck, Steiger had a busy time and made a beautiful job of it. He was continually making sensational stops from all angles, and apparently corrected his supposed weakness for long shots.

During almost the entire game, Owen sent only one or two men down the ice on offense, and consequently Tech had little opportunity to score. In the second period, however, the strictly defensive tactics were relaxed for a while, and M. I. T. came close to scoring several times. In spite of the fact that the score shows Harvard 1, Tech 0, in the middle stanza, the Beavers played their opponents almost on even terms.

The disastrous closing period, in which Harvard scored seven times, was simply a case of the gradual wearing down of the Engineers. Steiger, especially, showed the results of the strenuous game he played. While two Beavers were in the penalty box, the Crimson first team scored the goal which more or less demoralized the tired Tech skaters, and permitted Harvard to build up their large total.

The team will make the trip to Providence tonight by private car, returning after the game. No changes are expected in the starting line-up, but Owen will substitute freely, just as he has done in the first two games. Tech will again be the underdogs judging by advance information.

## QUADRANGLE CLUB WILL PRESENT SKI PICTURES

Motion pictures of skiing on the Richard Taft ski trail will be shown on Monday, December 17 at 5 o'clock in room 6-120. The Quadrangle Club, honorary society of the freshman and Sophomore classes, is sponsoring this event.

All those who are interested are cordially invited.

## ELECTRICAL ENGINEER TO LEAD COLLOQUIUM

Martin Schiff, Electrical Engineer with the Century Electric Company, will lead a colloquium on "The Design of Polyphase Induction Motors" next Monday and Tuesday, December 17 and 18. The colloquium will be sponsored by the Electrical Engineering Department at the Institute.

The discussion is open to Seniors, Junior honor students, and graduate students. The colloquium will be held in Room 10-275, from 3:00 to 5:00 o'clock Monday and from 2:00 to 4:00 o'clock Tuesday.

## COSMOPOLITAN CLUB TO HOLD XMAS DANCE

Introducing several foreign students to the American customs of celebrating Christmas, the Cosmopolitan Student Club of Boston, will hold a special Christmas dance next Saturday evening in the Hall of the Twentieth Century Club at 3 Joy Street, Boston.

The group, which is composed of foreign students studying at colleges and universities of Greater Boston and American students who are interested in world problems and in meeting students of other countries, meets each alternate Sunday. At each meeting a program of entertainment or a lecture is provided.

Christmas decorations will feature the dance, and specialty dances into which the holiday motif will be worked will be included. The music will be furnished by Paul's Harmonians. Dorothy V. Wyk, of B. U. is in charge of the arrangements.

## L. I. D. TO HOLD OPEN MEETING THIS EVENING

Members Will Elect National  
Convention Delegate

To complete final arrangements for organization, the Technology chapter of the League for Industrial Democracy will hold a meeting today in Room 4-412 at five o'clock.

At the meeting delegates will also be elected to represent the Institute Chapter at the National Convention to be held in Chicago on December 27 and 28.

## RAWSONMEN MEET HARVARD BOXERS TOMORROW NIGHT

Lineup Not To Be Released;  
Four Veterans And Three  
Sophomores May Start

### TOMMY HOPEFUL OF A WIN

Tommy Rawson's leather pushers open their 1934-35 season tomorrow night at eight o'clock when they go to the Indoor Athletic Gymnasium at Harvard Square as the guests of Harvard University. Although this year's enrollment of boxers exceeds that of former years, the majority of the men weigh in the vicinity of 150 pounds, and consequently it is doubtful if Tech will put out a full team.

During the past week, Tommy Rawson has been working feverishly rounding his boys into shape, and although they all claim to be in good condition, it is not expected that they will compare very favorably with the Harvard men who have been practicing since early September. In addition, colds, sore throats and bone bruises have detracted from the general efficiency. However, what the team lacks physically, it makes up morally, since the boys have heard that at least three of Harvard's boxers are sophomores. In view of the good showing made by last year's freshmen against these same men, the more experienced Tech team is looking forward to starting the season with a win. A win over Harvard would be the first in a number of years, and undoubtedly would be a great asset in raising the morale of the boxers.

The final lineups for the meet are being withheld from publication at the present time. This is to prevent Harvard boxing authorities taking more than fair advantage of Tech's inability to put out a full team. However the men who will answer the bell tomorrow evening will be chosen from the following list: Norton, Muldowney, Claffee, Lefthes, Gaughan, Wirtz, Casale, and Thorson.

## CLARKSON BEATS TECH HOOPSTERS

Engineers Show Better Style  
But Powerful Opponents  
Outplay Them

Technology suffered its second defeat of the season at the hands of the Clarkson Tech basketball team last night by the score of 36-25. The game started off very slowly; no baskets were scored during the first five and one-half minutes of play. Ryan of Clarkson broke the ice with a sensational two-hand shot, which was quickly followed by a basket by Captain Flowers, who was by far the most sensational player of the Clarkson team. He was high scorer for the night with seven field goals.

Wally Wojtezak started the Engineer's scoring by looping through a free shot. He played a fine defensive and offensive game throughout. Bill Garth, with six field goals, was the outstanding player and high scorer for the Beavers. Captain Demo was forced to leave the game early in the second half when he was put out on personal fouls.

## TRACKSTERS COMPETE IN HANDICAP EVENTS

Eight events will be contested in Tech's second handicap track meet to be held Saturday afternoon, December 15. The boys will fight against their team mates in the 45 yd. high hurdles, 50 yd. dash, 300, 600, 1000, and 2200 yd. runs, pole vault, and shot put.

The pole vault is a battle between Donovan and Stark. This event should be one of the best contests in the gym, as both boys are capable of clearing 12 feet. Hedlund hopes a new indoor record will be set.

At a track rally held yesterday, Coach Hedlund announced he would be at the field house every afternoon during the Christmas vacation from 3 to 4 P. M.

## STEUBENS

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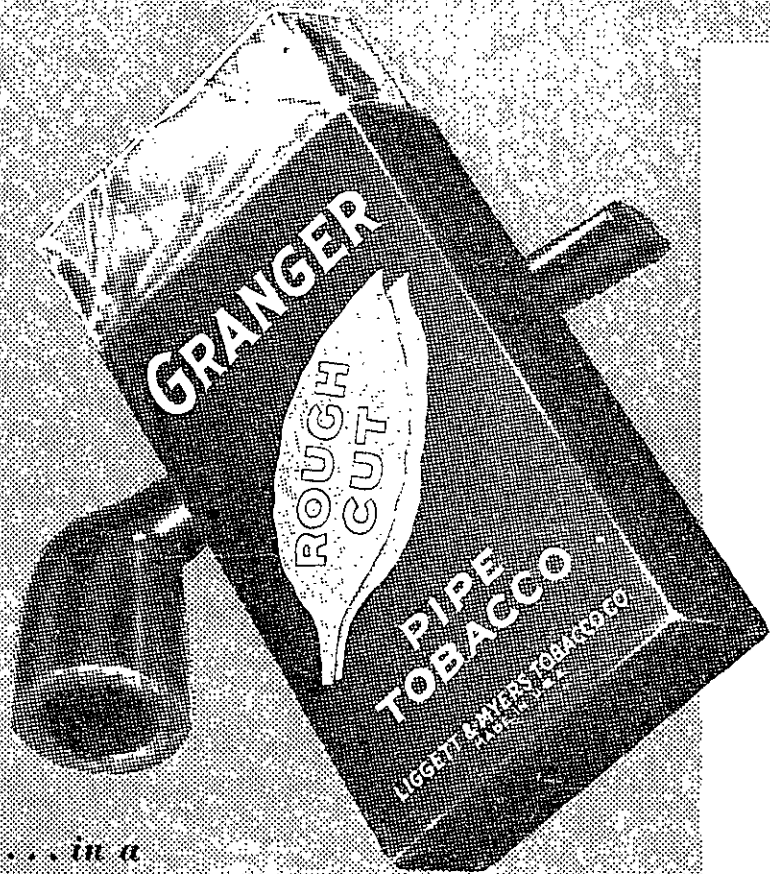
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*the Wellman Process  
does this —*

*...it leaves a clean dry  
ash—no soggy residue or  
heel in the pipe bowl*



*... in a  
common-sense  
package — 10c*

In the manufacture  
of Granger Rough Cut Pipe  
Tobacco the Wellman Process  
is used.

The Wellman Process is different from any other process or method and we believe it gives more enjoyment to pipe smokers.

*... it gives the tobacco an extra flavor and aroma*

*... it makes the tobacco act right in a pipe—burn slower and smoke cooler*

*... it makes the tobacco milder*

*... it leaves a clean dry ash—no soggy residue or heel in the pipe bowl*

LIGGETT & MYERS TOBACCO CO.

*We wish in some way we could get  
every man who smokes a pipe  
to just try Granger*



STAGE and SCREEN

Loew's Orpheum

Greta Garbo's latest picture "The Painted Veil," is the program at Loew's Orpheum this week.

In "The Painted Veil," an adaption of Somerset Maugham's domestic drama of marital discord in the center of China's plague-ravished regions, Garbo returns once more to the fold of modern women in her characterizations and reveals a new Garbo—warm, glowing and more fascinating than ever. The story is the old triangle theme in an Oriental setting, and tells of the eldest daughter of an Austrian professor, played by Garbo, who by refusing to marry the man picked for her by her parents, arouses her mother's ire. To escape she marries Dr. Fane, a young English scientist portrayed by Herbert Marshall. George Brent appears as the "other man". Included in the cast are Warner Oland, Jean Hersholt and Cecilia Parker.

In addition to the feature picture there is a brilliant vaudeville program headed by Cass, Mack, Owen and Topsy, who offer a skit entitled, "Always on the Up and Up." Next on the program is one of Boston's radio favorites, Earle Nelson and his ukulele.

Loew's State

Two more first run productions make up the program at Loew's State this week.

First picture is "The Private Life of Don Juan," starring Douglas Fair-

banks. Produced by Alexander Korda for London Films, it tells in vivid and amusing fashion the story of how the incurable romanticist, deprived by a trick of fate of his name and reputation, wanders from one lovely creature to another, determined to prove to himself and the world that he's still the world's greatest lover.

Merle Oberon, as the Spanish dancer, Pepilla, heads the cast of supporting beauties.

The second feature picture is "Men of the Night", Columbia's romantic drama co-starring Bruce Cabot and Judith Allen. The story is based upon the problems of one of the five thousand girls who go to Hollywood annually from all sections of the country in the hope of becoming motion picture stars.

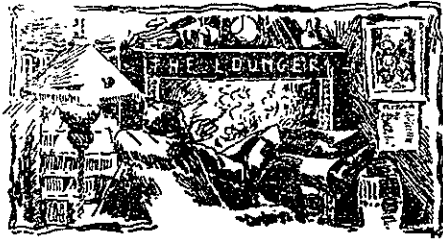
Concluding the program are a selected list of short subjects which include "Tale of the Vienna Woods", a Metro-Goldwyn-Mayer cartoon, and the latest issue of Hearst Metrotone News with Edwin C. Hill as the Globe trotter.

Fine Arts

"Saison in Kairo", a German film featuring Willi Fritsch and Renate Mueller, plays at the Fine Arts this week.

Also on the program with this story laid in Egypt, are "Etcher's Art" and "City of Wax". The feature begins at 1:40, 3:40, 5:40, 7:40, and 9:40 P.M.

Christmas week "Man of Aran", the Irish film awarded first prize at the International Film Congress in Venice, will be shown.



Voo Doo:

A short time ago, ladies and gentlemen, you may have encountered the Christmas issue of the Institute's outstanding exponent of porographic "journalism". You may also remember that after the first issue of the year had reached your hands, THE TECH made optimistic remarks concerning the yellow journal's possibly cleaner future. Voo Doo seemed definitely started on the upward path.

BUT, ladies, gentlemen, and Voo Dooers, we were mistaken. It is not the purpose of this column to condemn a school publication for lack of good taste. Neither is it our aim to denounce smutty journalism; we leave the Voodooers to do that by their own acts. We will not term their attacks ridiculous, for we deny no one the right to offer us constructive criticism, however misguided. We will not accuse Voo Doo of being dirty, filthy, sluttish, dowdy, coarse, foul, fetid, putrescent, corrupt, saprogenic, excrementitious, or impetiginous, because that would violate the principles of good journalism.

But this we will say, that a libelous, defamatory, calumnious attack such as that offered in their last issue does

not partake of the dignity of Technology; it is not even the maliciousness of a small boy writing dirty words on a cement walk. It is something more repulsive than this, the inherent indelicacy of their nature, refined by legitimate arts. It is unworthy of even Voo Doo.

Brother Alpha:

Elsewhere in this issue will be found a very belittling comment by Brother Alpha, in which he states among other things that he does not own the Copyright for Capitals-in-Columns, that we give him Abdominal Discontent, and that we have been Impolite and Impudent. We are very glad to hear that Brother Alpha does not own the Copyright for Capitals-in-Columns. We shall proceed to use capitals in Our Column much more. To the second charge, may we say that we have often heard of the condition described as being beneficial to one's general well-being. To the third charge, we say that it is the purpose of the Lounger column to be Impolite and Impudent.

Unfortunate Omission

Brother Alpha (it is not Brer Alpha, we learn), will be disappointed to find a short bit of his column deleted by an Assistant Editor to conform to the Standards of Good Taste. We would like to say that we had nothing to do with its removal, in spite of its Derogatory Remarks concerning us. Indeed, we had a fitting rebuke all prepared, but as the paragraph was omitted, we had to vent

PROFESSOR HARRIS HURT BADLY IN AUTO ACCIDENT

(Continued from Page 1)

Harris and Malcolm from the shattered car. Patrolman Snyder called for an ambulance and the three injured men were taken to the Cambridge City Hospital, where the names of Professor Harris and Malcolm were placed on the danger list.

Professor Harris has been a member of the Institute instructing staff for over a dozen years. He graduated in the Electrochemical Engineering Course of the Institute in 1920, received his Master's Degree in Chemical Engineering Practice in 1921, and his Doctor of Philosophy in Chemistry in 1925. In that year, he was a Research Associate in Physical Chemistry.

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**LEAF-TOBACCO EXPERTS AGREE:**  
"Camels are made from finer, more expensive tobaccos—Turkish and Domestic—than any other popular brand."

**MANNING SMITH, '35—Student of Journalism.** Newspaper work calls for the active type of person with plenty of natural, vibrant energy, as Manning Smith, journalism student, well knows. He says: "You've got to be a hustler in the newspaper game! There's lots of 'leg work' and head work, too—and both use up plenty of energy. When I'm feeling kind of 'low' generally, I smoke a Camel, and the right words come to me more easily. I can think faster. When I smoke steadily during long sessions at my typewriter, Camels never jangle my nerves."

**BUSINESS GIRL.** Eve Miller, New York department-store executive, says: "I smoke Camels because I appreciate mildness and delicacy of flavor. And Camels give me a 'lift' when my energy is low—and never upset my nerves."

**FAMED FOOTBALL REFEREE.** Tom Thorp says: "The 'lift' you get from a Camel is valuable to anybody whose job requires fast action. And I know I can smoke Camels as much as I like, and they will never make me nervous."

**WALTER O'KEEFE**

**THE NEW CAMEL CARAVAN**  
featuring WALTER O'KEEFE • ANNETTE HANSHAW  
GLEN GRAY'S CASA LOMA ORCHESTRA  
TED HUSING

**TUESDAY** { 10:00 P.M. E.S.T.  
9:00 P.M. C.S.T.  
8:00 P.M. M.S.T.  
7:00 P.M. P.S.T.

**THURSDAY** { 9:00 P.M. E.S.T.  
8:00 P.M. C.S.T.  
9:30 P.M. M.S.T.  
8:30 P.M. P.S.T.

OVER COAST-TO-COAST WABC-COLUMBIA NETWORK

**CAMEL'S COSTLIER TOBACCOS NEVER GET ON YOUR NERVES!**

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# CALENDAR

**Friday, December 14**  
 5:00—Student League for Industrial Democracy Meeting, Room 4-142.  
 7:30—Middlebury Debate, Room 6-120.  
 9:00—Dormitory Intelligence Dance.

**Saturday, December 15**  
 2:00—Orchestra Rehearsal, North Hall, Walker Memorial.  
 2:30—Wrestling, Freshman vs. Harvard, Hangar Gymnasium.  
 3:00—Swimming, Varsity vs. Wesleyan, University Club.  
 3:30—Wrestling, Varsity vs. Harvard, Hangar Gymnasium.  
 7:00—Basketball, Freshmen vs. Boston Boys Club, Hangar Gymnasium.  
 7:30—Boxing, Varsity vs. Harvard at Harvard.  
 8:00—Basketball, Varsity vs. Vermont at M. I. T.  
 8:00—Commuters' Victrola Dance, 5:15 Club Room.  
 8:00—Menorah Intercollegiate Dance, Walker Memorial.

**Monday, December 17**  
 5:10—Unity Club Meeting, West Lounge, Walker Memorial.  
 6:15—Dormitory Dinner Club Meeting, Grill Room, Walker Memorial.  
 7:00—Dormitory Basketball, Hangar Gymnasium.

## Varsity Debating Team to Oppose Middlebury

(Continued from Page 1)  
 has been invited to hear Paul A. Vogel, '37, and Joseph G. Bryan, '37, members of the Technology team, debate the Wellesley team, at Wellesley. The team from Middlebury will stay at the Graduate House while in Cambridge. Yesterday it broadcast a debate with Boston University on radio station WNAC. Middlebury has a reputation for producing good teams. The Technology group, however, expressed hope that it may continue its record of last year when it was undefeated in any of its contests.  
**Ran for President**  
 Miss Hunter, who ran for presidency of the freshman class two years

ago claiming that men had dominated Institute politics long enough, also protested because co-eds were not allowed to take physical training. She is in Course V. Her home is in West Roxbury.  
 Scarito, a native of Lawrence, is president of the Debating Society. He was active last year in the founding of the society and was chosen its president at the final banquet last spring.  
 Stevens also was instrumental in the society's founding. He was a member of the freshman team which remained undefeated throughout the season. After the close of the season, he was chosen Secretary-Treasurer of the society. He is a member of Delta Tau Delta Fraternity. His home is in Lexington.

## Union Will Debate on Value of Training Here

(Continued from Page 1)  
 of fundamental importance, as is evidenced by recent comments of leading educators. President Compton, in a recent report, cited the importance of a well-rounded education, saying: "... cultural subjects, together with those required studies of language and fundamental science which are usually considered among the strongest broadening subjects of liberal arts education, comprise a very significant portion of the typical student's program."  
 This type of open forum discussion had its inception on Tuesday, November 27, with the holding of the first meeting of the Union, sponsored by the Debating Society. Prominent seniors argued the question: "Shall the present rule of the Institute Committee prohibiting electioneering be maintained?" The debate was followed by extemporaneous speeches and a vote at the close of the meeting showed the body opposed to the rule by a 5-1 margin.

**Many Questions To Be Taken Up**  
 "What is the average Institute graduate fitted for?" "Would a broader education be desirable in these times?" "Does the specialist fit into modern society?" and "Ought the engineer to have a deeper understanding of the economic effects of his invention, and processes?" are some of the minor issues aroused by the question and expected to be taken up. Both faculty and students are expected to participate in Tuesday's meeting, which is open to everyone.

Handbills distributed by the Union contain the invitation: "The fur will fly! Come in and pull out a handful!"

## Chemical Society to Hear Professor Rice

### The Chemistry of Aliphatic Free Radicals Is His Subject

Professor Francis Owen Rice of the Johns Hopkins University will address the Northeastern Section of the American Chemical Society at the American Academy of Arts and Sciences, 28 Newbury Street, Boston, at 8:00 o'clock tonight.

Dr. Rice will speak on the subject "The Chemistry of the Aliphatic Free Radicals." In his address he will give an account of the very active and short lived free radicals. The study of these peculiar molecules, which at best live only a few thousandths of a second, is a problem of great difficulty but one which promises to be of importance in such industries as the cracking of crude oil to make cheap gasoline and the preparation of valuable perfumes and medicines from the same ill-smelling crude oil.

The meeting will be preceded by a dinner at the Hotel Brunswick at 6:00 o'clock at \$1.25 a plate. The dinner will end in time to permit a view of motion pictures on "The Story of Lubrication," at the Academy at 7:30. All interested are invited. Reservations for the dinner may be made through Arthur R. Davis at Technology.

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## Intelligence Dance to Be Held Tonight

(Continued from Page 1)  
 Jacques Marlow and his Waterfront Orchestra, dressed in gypsy costume, will provide the music. He has arranged orchestrations of the Technology "Stein Song", and "Take Me Back to Tech", and will also feature several novelty musical numbers. These include xylophone, accordion, and clarinet selections.

Souvenir booklets, containing the household questions used in determining admission, will be distributed to the girls attending. Invited guests for the dance include Professor and Mrs. Leicester F. Hamilton, Professor and Mrs. Arthur C. Hardy, Mr. and Mrs. Albert A. Lawrence, and Dr. Avery A. Ashdown, Mr. and Mrs. Wallace M. Ross and Mrs. James R. Jack will act as chaperones.


Admission, as perviously announced, will be based on the answers to the questionnaire given to the feminine entrants. The price will range from \$1.00 to a maximum of \$1.50 per couple.

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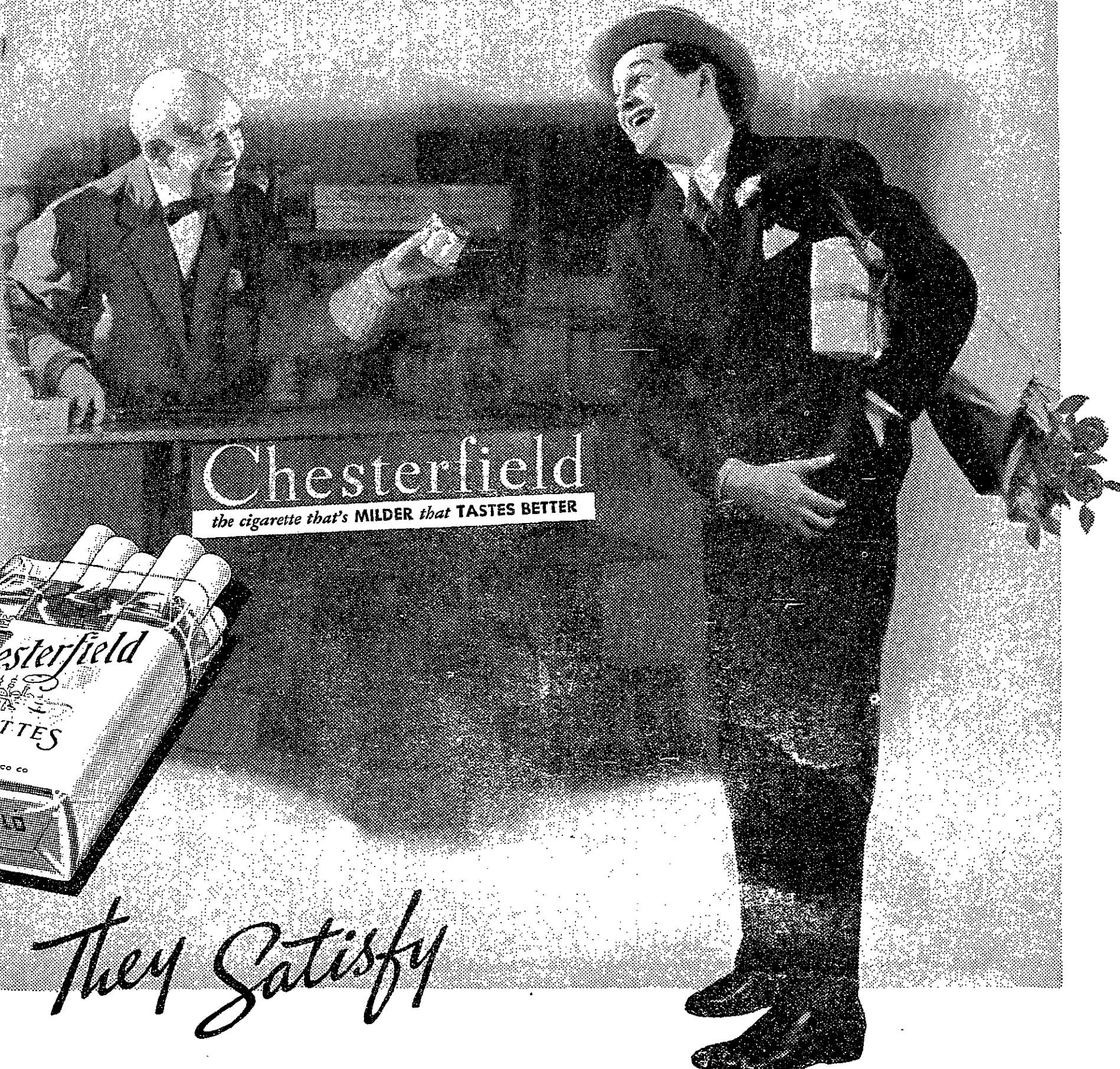
Sunday Services 10.45 a.m. and 7.30 p.m.; Sunday School 10.45 a.m.; Wednesday evening meetings at 7.30, which include testimonies of Christian Science healing.

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 209 Washington St., opp. State St.  
 Stadler Office Bldg., Park Sq., 60 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.




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## here's what she smokes



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