

## The Tech To Hold Poll On Subject Of Roosevelt Policies

### Ballot By Students And Staff To Be Held Next Thursday

### Political Trend of Institute To Be Determined From Votes

### Ballots May Be Cast In Main Lobby Between 9 and 5 O'Clock

Whether Technology is in favor of the New Deal or a "new dealer" will be decided in The Tech's poll, to be conducted on Thursday, March 12, from 9 to 5, in the Main Lobby. The question to be voted upon is "Do you favor the general policies of the New Deal?" An accurate determination of the majority of the staff members and students of the Institute should be obtained because of the great interest of all Americans in the Roosevelt government policies.

In entirety the ballot reads: "Do you favor the general policies of the New Deal? If not, are you in favor of: (1) Stricter adherence to the Constitution? or (2) Much broader powers for the national government?"

The poll conducted in 1932 to decide the presidential candidate favored by Technology was not at all significant of the entire country's feeling, but was an accurate interpretation of the Technology attitude toward governmental matters. In that year Hoover was selected as 2,000 votes were cast.

### Igor Sikorsky, Noted Engineer, Speaks On Stratosphere Flying

### High Altitude Makes Necessary Many Special Features, Says Lecturer

Stratosphere flying provided the topic for Igor Sikorsky's aeronautical discussion at the Institute last Wednesday. Sikorsky is the designing engineer for the Sikorsky Aviation Company.

According to Mr. Sikorsky, as the altitude increases, the output of the engine must be kept from decreasing by using superchargers. Otherwise the disadvantages of less power would more than account for the advantage of less air resistance.

The atmosphere surrounding the earth is divided into three layers, each of which has definite characteristics. A layer subjected to storms, high winds, and air pockets reaches up to 20,000 feet. The middle layer, 20,000 to 60,000 feet has neither storms nor air pockets but strong winds. Above 60,000 feet are the ideal flying conditions.

But the difficulties of Stratosphere flying affect both the plane and the pilot. The engine must be supercharged, the propeller must have greater radius and adjustable pitch, the wing spread must be larger to allow for the decrease in buoyancy of the atmosphere. Cabin and control instruments must be air tight to maintain a range of temperature and pressure necessary to the aeronauts.

Mr. Sikorsky outlined the most prominent obstacle as the lack of a means to experiment. He also suggested that three interchangeable propellers be driven by one engine, to cope with the changes in altitude. Between 10,000 and 25,000 feet was the altitude recommended by Mr. Sikorsky.

### 5:15 Club Board Elects Officers

### Chandler, Osgood, Scarito, Rudy Selected To Lead Club Of Commuters

Leonard B. Chandler, '36, was elected to serve as president of the 5:15 Club for the coming year, and Vernon W. Osgood, '36, was elected vice-president; Philip R. Scarito, '37, treasurer, and Robert R. Rudy, '37, secretary, at a meeting of the Board of Directors, held last Friday, February 28, 1936. Three of those elected have served in some other capacity in the past.

Several chairmen of the various committees were appointed, which include the following: John Gallagher, '37, Dance Committee; Robert Hadley, '38, Room Committee; Jonathan B. Cobb, '37, Athletics, and Samuel Rudginsky, '38, Smoker Committee.

Plans for the remainder of this year include a Father and Sons Banquet, a tennis tournament, a Spring Dance in Walker, and a Moonlight Sail.

### Technique Calls For "Informal" Photos

### Negatives Will Be Accepted Before March 14

Technique sent out a call for negatives today, when it announced that its Informal section was lacking photographs submitted by students.

Iva H. Lohman, Jr., Associate Features Editor of Technique, stated that a more representative view of life at the Institute could be obtained with pictures taken by men outside the Technique staff. The policy of accepting negatives has been drafted in order that students may be induced to turn in pictures and to simplify the make-up problem.

The deadline for "informals" is March 14. Boxes for contributions have been provided at the Dorm office and in the Information office, Room 10-100. In order to facilitate the return of negatives, contributors are asked to put their names and addresses on the envelopes bearing the pictures.

## Students Choose Plans For House They Will Build

### Sophomore's Design Is Picked From Five Accepted Student Plans

### "Real Job" Will Be In Wellesley

Thomas B. Akin's, '39, design for the construction of a suburban house on Woodlawn Avenue, Wellesley, was chosen from the five best designs submitted by student architects.

The construction of this house comes under the new program of the architectural department and will give student architects actual experience on a real job. It is the first experiment of its kind ever tried. In pursuance of the "experiment theory," the assembling of miniature structures, which are complete in every detail, has also been incorporated.

The five designs which were finally accepted were submitted by Paul Bates, '39; Arthur H. Cook, '39; Pedro A. deCastro, '40; W. F. Shuttleworth, '39, and T. B. Akin, '39.

## Freshmen To Meet Varsity Grapplers

### "Killer" Kleinkofer to Meet Leon Baral In Heavy Bout of Meet

With an exciting meet in prospect, the freshman wrestling team challenges the varsity to a meet this afternoon at 5:00 o'clock. There is a good possibility of the freshman winning, for they will consist essentially of the same team that defeated Tufts, 29-5. The varsity has failed to win any meets this season.

### Powers Good Bet

Freshman hopes are highest in the 145-pound and 155-pound classes, where they will be represented by A. J. Powers and David Mullin. Powers is said to be the best on the team, and has yet to lose a bout while wrestling for Technology, being the only man to win against Harvard in the first meet of the season. Tufts offered little resistance to him, and Powers is expected to be among the winners of the Intercollegiate matches at Brown a week from tomorrow.

Mullin, who is in his first year of wrestling, lost only to Harvard. Improving rapidly, he succeeded in pinning his opponents from Brown and Tufts. In fine condition now, he constitutes one of the freshmen's best bet.

(Continued on Page 4)  
Wrestling

## Tech Show Will Take To Road After Presentation At Repertory Theatre

### Lovers



John Cleworth, '38, and Dave Werblin, '36, Who Play the Leads in Tech Show's Newest Productions

Once again, as in the years previous to the peak of the depression, Tech Show will take to the road. The last time the show traveled was in 1931 when it played in New York City, Springfield, Hartford, and Northampton. Although not too many engagements have been billed for this year there is a good chance that more showings may be arranged and sufficient profits made from the road run to warrant the extra expense of traveling.

Redemptions of Reservations  
Reservations for the Boston performance of "Easy To Take," this year's production, must be redeemed by Wednesday, March 11. There will be two opportunities to see the show in Boston, on Friday and Saturday, March 20 and 21, at the Repertory Theatre on Huntington Avenue; from here it goes to Northampton where it plays on April 18.

As usual, the play and music have both been written by Tech students  
Tech Show  
(Continued on Page 4)

## Junior Prom At Ten O'clock Tonight In Statler Ballroom

### Officers Elected By Radio Society

### Celebration of Twenty-Seventh Year of Club To Be Held In April

Election of officers of the Radio Society took place last Friday, February 28, 1936, at a meeting held in Walker.

The following were elected to serve for the forthcoming year: Alden Acker, W1CSG, '37, president; Frank Lewis, W9AOG, '37, vice-president, and Russell Coile, W1ILE, '38, secretary.

The new officers have all been licensed operators since they were 13 or so. Acker, in addition to his two amateur licenses, has two commercial licenses which allow him to operate any radio station in the country, whether it be broadcast, ship, aircraft, or police. Lewis and Coile also have one commercial license apiece.

The M. I. T. Radio Society, which is the oldest and largest college radio club, will celebrate its twenty-seventh anniversary next month. Since broadcasting is only about fifteen years old, and the whole science of radio only about thirty-five, one realizes that this is quite an achievement.

Several members of the society made a tour of the General Radio Company last Thursday, March 5, 1936, where they visited the many laboratories.

### Debating Team Loses In Clash With N. Y. U

### Curbing Supreme Court Power Is Subject of Contest

New York University debaters were victorious in their debate with M. I. T. on the subject of the "Supreme Court's Power" held last Friday evening, February 28, 1936, in the Eastman Lecture Hall. On the M. I. T. Debating Team were Howard Schliansker, '38, and Paul Vogel, '37.

M. I. T., upholding the affirmative, maintained that changing conditions made it essential that the Supreme Court's power be curbed and that Congress should be the one to check them, while N. Y. U. refuting their arguments, stated that chaining the Court would result in a dictatorship and that Congress was not representative of the people anyway.

The regular meeting of the Debating Club was held last night in the West Lounge of Walker Memorial. Mr. Shaw of the Emerson College of Oratory spoke on "The Technique of Debating."

The schedule of coming debates is: March 3, Tufts freshmen, away; March 21, Lafayette varsity, here; March 23, Holy Cross freshmen, away; March 27, Harvard freshmen, here; April 10, Syracuse varsity, here; April 16, Radcliffe varsity, away.

### Horace Ford Talks To Student Waiters Tues.

On Tuesday, March 10, Horace S. Ford, treasurer of the Institute, will discuss with the Walker Dining Hall Student Staff, a few of the details incident to balancing Technology's enormous budget. Mr. Ford is the third Corporation member to address the student waiters. Previous speakers have been Dr. Karl T. Compton and Vannevar Bush.

### Redemption Of Sign-ups Before One O'clock Necessary

### Financial Success Predicted For Prom; 225 Tickets Sold

### Junior Class President Thanks Members of the Class For Support

The Grand March marks the official beginning of the 1936 Junior Promenade at eleven o'clock tonight in the Hotel Statler ballroom.

Dancing to the music of Joe Haymes and his orchestra starts at 10:00 p. m., when receiving also begins. 12:35 is the scheduled time for the serving of the dinner, after which regular program dancing will commence. Optional dancing is planned for the time between 3:30 and 4:00. Programs and favors are to be distributed at the door.

### Large Crowd Foreseen

Definite information as to the financial standing of the dance cannot be obtained at this time, as there are still a number of sign-ups unredeemed. A large attendance is expected, however, because 225 tickets have been sold to date.

Redemptions should be made before 1:00 today. Redemptions at the door are priced at five dollars.

Those attending the Prom may use the private entrance to the ballroom.  
(Continued on Page 4)

### Junior Prom

### Donald Robbins, '07, To Be First Witness In Music Clubs Probe

### Baton Meets To Discuss Means For Better Co-operation With Club Members

Donald G. Robbins, '07, Chairman of the Advisory Council for the Musical Clubs has been invited to be present at the first hearing of the Musical Clubs investigation. Mr. Robbins is a member of the corporation and also nominee for the 1936-1937 presidency of the Alumni Association.

Baton, honorary society of the Musical Clubs held a meeting last Tuesday night to discuss ways and means to achieve better co-operation between the management and the members of the clubs.

No definite date has been set for the hearing but it was understood that it will be held within the next few days. The Tech will keep in close contact with the case and will present new developments as they occur.

### Faculty Club To Hold Third Dancing Party

### Bill Claff's Band Will Supply Music For the Affair

The Faculty Club will hold its third dancing party on Saturday evening, March 7th, in North Hall, Walker Memorial. Mrs. Hazel Sands Welch will give an hour of dancing instruction, from 8:00 to 9:00. Music is to be furnished by Bill Claff's orchestra. Admission for those who haven't subscribed in advance is \$1.50 per couple. Dress is optional.

Those who desire to make reservations in advance should send their checks to Professor L. F. Hamilton, Room 2-325. Admissions may also be paid at the door.

# The Tech

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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## A LOSING GAME

### RADIO VS. NEWSPAPER

AS the radio has been used more and more extensively for the dissemination of news, more and more keen has become the competition between newspapers and radio news services. Formerly the competition for news "scoops" was between various papers concerned with the particular article of news. The invention of the linotype and the discovery of speedy methods of engraving and front page composition had reduced little by little the time interval between the happening of the news and its appearance in the hands of the news boys.

Then the radio stepped in with facilities for reducing the time interval to a very small fraction of what it had been. It became only a matter of minutes between happenings and the time their reports reached the ears of the listeners.

It is quite natural that the newspaper should tend to make attempts, thus far futile, to eliminate the competition which the radio offers. A recent announcement was made by Wide World Photos that they have perfected a new telephoto service which is to give wider, less expensive, and more satisfactory transmission of pictures from and to all parts of the country. It is being found that competition with the radio can be lessened only by branching out into telephotography and other fields in which the radio is not prepared to give service, at least for the time being.

However, the newspaper is fighting a losing game in trying to beat the radio at the up-to-the-minute news break. Television is destined to do to telephotography what the radio itself has done to the news "scoop". Standards of newspaper writing and reporting must undergo a change. They must realize that their function is to become one of complete elaboration and comment upon the news which the radio will give in condensed form immediately after it happens.

## LESS NOISE PLEASE

### FRESHMAN LECTURES

A TENDENCY toward immature emotional reactions is exhibited by some members of the Class of '39 in chemistry and physics lectures. Catcalls and hisses too frequently make it impossible for the lecturer to go on with his discussion. The excuse for these jibes is usually such a trivial error on the part of the professor as a misplaced decimal point, an incorrect sign, or a demonstration that fails to yield perfect results.

Upon first notice it appears that the nuisances are prompted by a personal animosity for the lecturer. This, however, is not actually the case. There are four plausible explanations for the actions of the offenders. The reasons for the outbursts may lie in any or all of these.

The hissers may be motivated by a sense of inferiority. That is to say, they feel subcon-

sciously that the professor is a more mature, more intelligent, more highly educated man than they. Should he make a slight mistake, their minds seize upon the opportunity to relieve the pressure. One hates to feel inferior.

To the man who is in the habit of doing as he pleases, the routine of classes often becomes unbearable. Such a man welcomes any break in monotony. He may go so far as to provide such a break if he cannot see one approaching.

Then there is the old story of the frog who changed puddles. There exists at Technology a group of men who were outstanding in the less fervently contested lists of their home towns but who do not scintillate particularly here. It is a stiff jolt to the pride of any man to realize that there are many men in the world who are better than he. It obviously pleases a member of this group to see someone whom he had perhaps unconsciously believed to be his superior in an awkward position.

Booing may also be motivated by an over-developed sense of humor, but the individual with a really healthy mind is far more likely to laugh when he runs into something profoundly more subtle. The wise Technology man, like a gentleman and a sportsman is fair, courteous, and, above all, respectful.

A fifth, but almost impossible, hypothesis is that the brays result from sheer ignorance of social standards. It is inconceivable that such a condition can exist at the Institute. Of course the powerful factor of crowd psychology must be considered, but hectic mob emotionalism should not affect what is alleged to be the "cream of the younger scientific minds of the country."

These men should realize that they are making abject fools of themselves. Once they understand this, the nuisance will cease. If no appeal can be made to the common decency of the disturbing element, perhaps this discussion may accomplish the same by appealing to their vanity.

## EXPERIMENTAL PSYCHOLOGY

### PAVLOV

WITH the passing last week of Ivan Petrovitch Pavlov, the world lost its greatest experimental psychologist of all time. In Russian politics, he was a conservative and a staunch supporter of the old regime, but in science he was an out and out revolutionist.

Pavlov probably ranks second among those men who have made great studies in psychoanalysis. Freud, whom we may possibly rank as his superior, attacked the subject through the use of mysticism, but Pavlov's studies and experiments with his "unconditioned," and "Conditioned" reflexes are as practical and scientific as the modern physicists' and chemists' methods.

The larger part of his life was spent in experiments with dogs and the manner in which their mouths will water when they are expecting to eat. Pavlov would ring a bell each time he offered food to the dog on which he was experimenting until the animal associated the ringing of the bell with the presentment of the food. After that point had been reached, it was found, the ringing of the bell alone was enough to cause the flow of saliva to start in the dog's mouth.

Pavlov termed these and similar reactions which were formerly classed as "instinct," "conditioned" reflexes, which meant that the person or beast performed certain acts that were beyond his control as a result of training or conditioning. Certain other reactions which are performed naturally without the need of training were called "unconditioned" reflexes by him.

This theory of reflexes was the basis of Pavlov's whole life work. He should be remembered by us as the man who first applied practical experiment and the scientific method to the study of psychology. Freud was a pioneer in the field of psychology and he discovered that certain phenomenon existed, but it took a scientist like Pavlov to bring the science up to date and explain it in a manner which could be accepted and appreciated by the modern man.

## Reviews and Previews

**METROPOLITAN**—Reports have it that Jean Hersholt turns in an inspired performance in *The Country Doctor* which started today. Critics out in Hollywood who saw special previews of the show have raved about it in no uncertain terms, but your columnist is not yet in a position to give his opinion.

The photoplay concerns the career of a backwoods doctor, rather reminiscent of Dr. Dafoe himself, who devotes his life to ministering to the ills of his people. He suddenly finds his apparently futile battle won as the birth of the quintuplets brings him success.

The cast includes June Lang, Dorothy Peterson, Michael Whalen, Slim Summerville, Jack Qualen, Robert Barret, and Jane Darwell.

Regis Toomey, the Radio Mad Russian, and assorted specialty acts assisted by a "glorified ensemble of dancing señoritas" complete the program.

**STATE AND ORPHEUM**—Freddie Bartholomew and Dolores Costello Barrymore have the leading roles in *Little Lord Fauntleroy* which is the filmization of the famous Frances Hodgson Burnett story of that title. C. Aubrey Smith, Guy Kibbee, Henry Stephenson, Jackie Searl, and sundry others complete the cast.

**UPTOWN**—A double feature bill comprised of *Grand Exit*, a fiery bit, with Edmund Lowe and Ann Sothern, and *The Milky Way*, Harold Lloyd's latest offering, starts tomorrow.

**MEMORIAL**—Fred Astaire and Ginger Rogers have been held over for a third week, since their show *Follow the Fleet* is continuing to draw big crowds.

**MODERN**—This theater presents, starting tomorrow, first Boston showing of two features: *Dancing Feet* with Ben Lyon and Joan Marsh and *I Conquer the Sea* with exotic Steffi Duna.

**PARAMOUNT AND FENWAY**—An exceptionally good bill began here yesterday, consisting of Paul Muni in *The Life of Louis Pasteur* and Lionel Barrymore and Eric Linden in *The Voice of Bugle Ann*, a dramatic story of the Ozarks.

**FINE ARTS**—*Slalom*, a pleasant picture filled with beautiful photography and amazingly good skiing, has been held over for another week. Guzzi Lantschner and Walter Rimpl, opposites in height but equals in skiing ability and prankstering, are a constant source of delight.

**BOSTON**—Preston Foster and Margaret Callahan enact a detective story entitled *Muss 'Em Up* on the screen. The stage is populated with the Broadway Hollywood Cabaret Revue, Broadway cast intact, with Lew Parker, famous comedian, heading the cast.

The M. I. T. Scouting Fraternity will hold its next meeting on Thursday, March 12, 1936, at 8 p. m. in the home of Peter White, 420 Memorial Drive, Cambridge. Refreshments will be served.

## Plans For Soph D Continued At M

### Springtime Favored f Of Class Functio

Prospects for the Sophomore were discussed Monday at the meeting of the class officers. D. J. adverse decision of the Committee the class officers decided to continue with plan Sophomore Dance.

Consideration of one plan tails of which have not yet been public — indicates that the 1938 dance will be as great a variation as the Sophomore given by the Class of 1939. time, "Club Walker" inaugurated now popular trend toward dances.

The date selected for this probably be either May 8 or the committee decided.

## C. H. Pearsal Spe To New Propello

### Newly Organized Club Dinner In Walker

Technology's newly-organized branch of the Propellor its first meeting at a dinner the Grill Room of Walker last night at 6:30 p. m.

Mr. C. H. Pearsal, national president of the Propellor Club United States, was the guest of honor on the occasion. Arrangements for the dinner were made by Harold Woodman, '36. Students who are interested in the club are requested to sign up at the Naval Architecture library.

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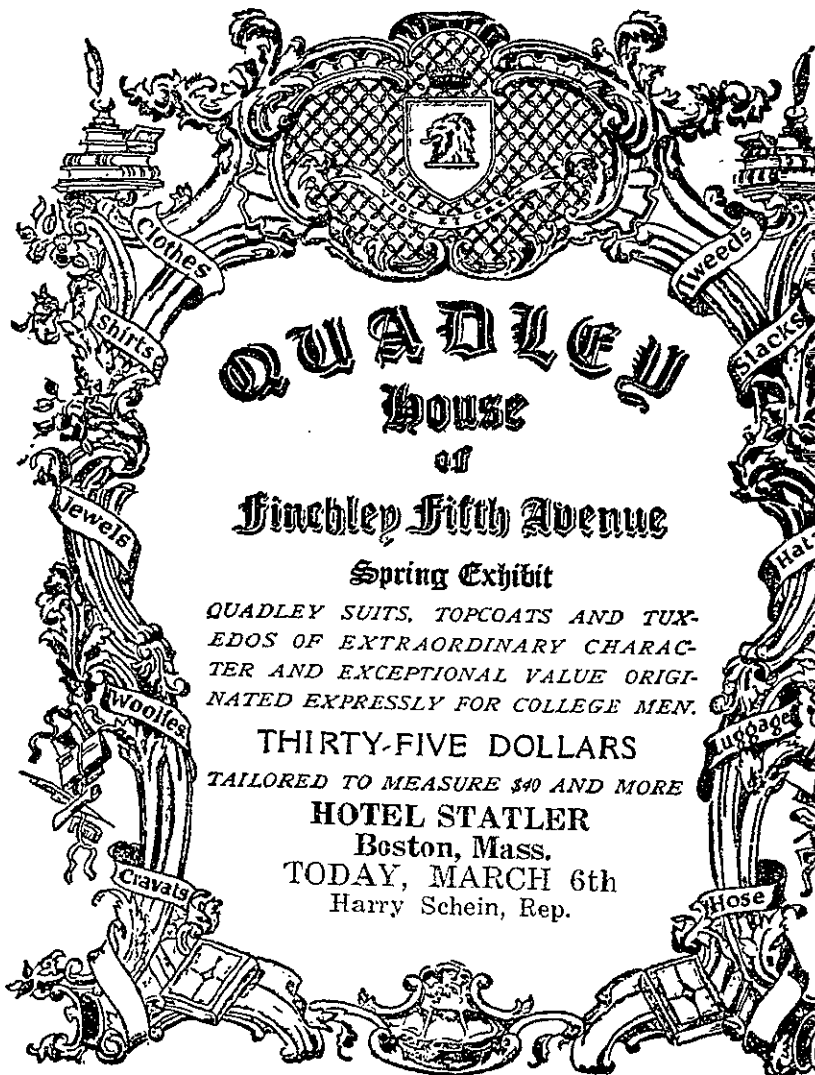
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### Tech Tracksters Go To New York Intercollegiates

#### Stiff Competition Expected At Madison Square Meet On Saturday

#### Track Men Stay at Hotel Lincoln

Coach Hedlund's tracksters leave on Friday afternoon for New York where they will compete in the annual Intercollegiate Indoor Track and Field Championships at Madison Square Garden. The squad making the trip includes Captain Stanley Johnson, Nestor Sabi, Eugene Cooper, and Henry Guerke.

The boys will be up against some very stiff competition in this meet. Captain Johnson was indoors runner-up in his event, the broad jump, at last year's meet, and may be expected to do even better this year.

Sabi will be pitted against O'Brien, in the 600 meter race. O'Brien is the present holder of the indoor record in this new event.

Cooper will run in the 1500 meter, which class will no doubt be dominated by Gene Venzke who recently captured the world's record in this event when he beat Cunningham on Feb. 22 of this year.

#### No Relay Team

Guerke will compete in the 3000 meter class. The relay team will not enter the competition this year, because Coach Hedlund does not wish to hinder Dave McLellan, Junior class president, from performing his duties in connection with the Prom.

The tracksters will leave the South Station late Friday afternoon. In New

### Freshmen Fencers Defeat Bishop-Lee

#### Shaler's Brilliant Fencing Is Responsible for Close 5-4 Victory

Coach John Roth's freshmen fencers defeated Bishop-Lee School here on Wednesday by the close score of 5 to 4. Towards the end of the meet the outcome became uncertain when the visitors staged a brilliant rally, but the lead which the freshmen built up in the opening matches could not be overcome.

The outstanding performer for Technology was Amos Shaler, who won all his matches handily. Shaler had previous experience with the foils while in Europe and will be a valuable addition to the varsity next year. Emil Malick also showed much promise when he defeated two of his opponents and lost a close match. Mal Nelson starred for the invaders.

#### Meet Brown Saturday

Saturday, Brown will be host to the Technology fencers, both varsity and freshman, at Providence. This will be the fifth start for the varsity fencers this season, the team having lost to Columbia and Harvard, and having defeated Norwich and Boston College in its last two encounters. The improvement shown in the last two meets, and the almost complete recovery of Captain Ozol have given the team much confidence.

York they expect to put up at the Hotel Lincoln. Because of the number of entries in the broad jump and the 600 meter, the trials in these events are to be held on Saturday afternoon.

### Technology Gymnasts Have Meets Tomorrow

#### Varsity Will Journey to Army; Freshmen Compete Here

Both Varsity and Freshman gymnasts will compete tomorrow, with the yearlings meeting the Boston Y.M.C.A. team at night at Walker, and the varsity journeying to West Point to compete with Army in the afternoon. The freshman squad is said to be the strongest Tech has ever had, but the regulars have the odds against them because of their small squad.

Because of the lack of interest in

gymnastics in recent years, this season's squad consists of only nine men: Phinezy, Morgan, Kolb, Moore, Dreisgackler, Werblin, Needham, Abbott, and Loder. Next year will see only two seniors on the squad. With the freshmen, however, it is a different story. The M. I. T. A. A. managed to secure Herbert Forsell, trainer of the last two Olympic teams, as coach of this year's gym team, and through his efforts there is now a freshman squad of over twenty-five men, some of them potential Olympic material. The freshman entrants: "In the freshmen," said Coach Forsell, "lies the hope of the future."

#### INFIRMARY LIST

Prof. Harry C. Bradley, Alexander R. Girardi, '39; George M. Hair, '36; John B. McCreery, '37; Richard Muther, '38.  
Brooks Hospital—Charles H. Evans, '36.  
Haynes Memorial—Morris B. Spaulding, Jr., '36; Arthur W. Voegelé, '39.

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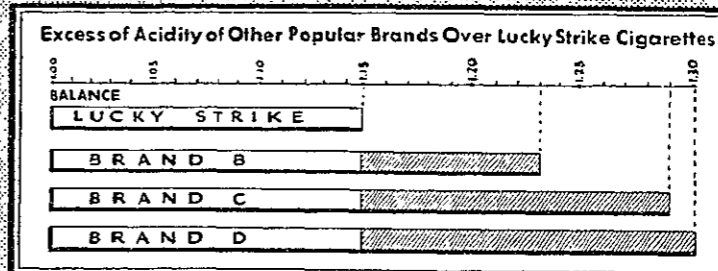
## A LIGHT SMOKE OF RICH, RIPE-BODIED TOBACCO

All kinds of people choose Luckies, each for reasons of his own. But everyone agrees that Luckies are A Light Smoke of rich, ripe-bodied tobacco. It is a rather surprising fact that the leaves of the same tobacco plant may vary far more than the leaves from plants of quite different types. Chem-

ical analysis shows that the top leaves contain excess alkalies which tend to give a harsh, alkaline taste. The bottom leaves tend to acidity in the smoke. It is only the center leaves which approach in nature the most palatable, acid-alkaline balance. In Lucky Strike Cigarettes, the center leaves are used.

### Luckies are less acid

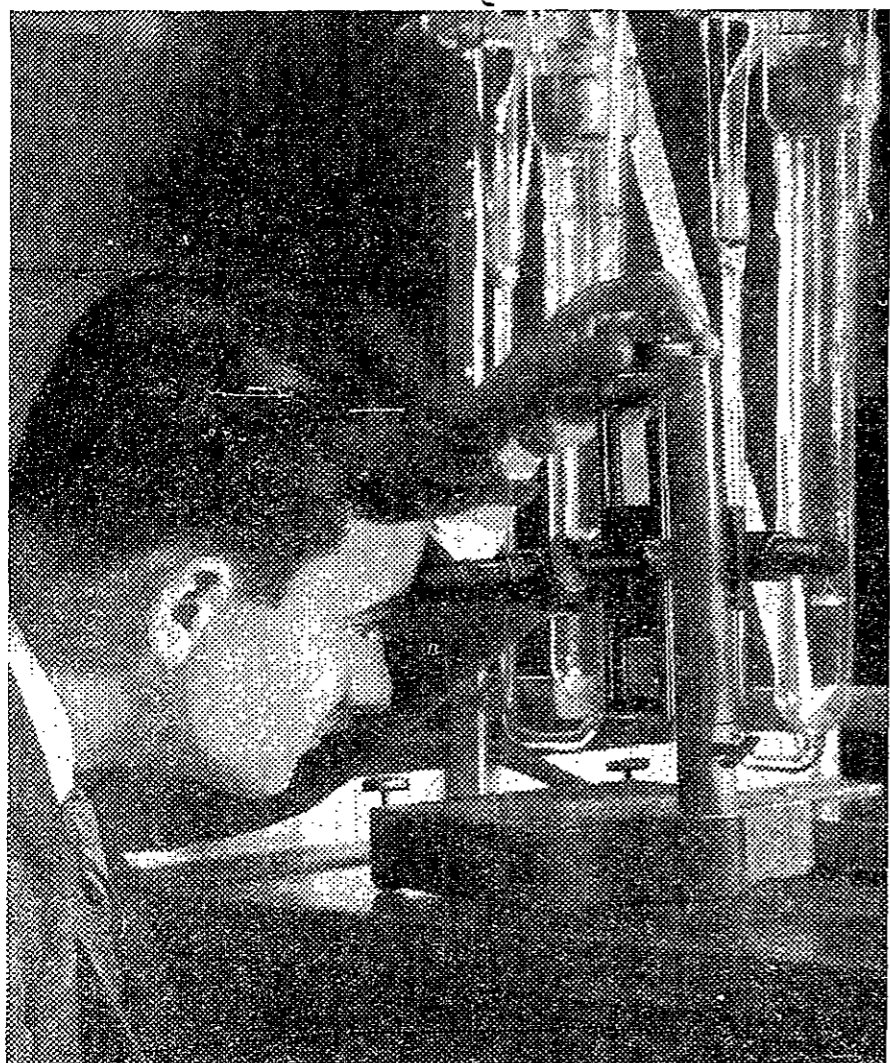
Recent chemical tests show that other popular brands have an excess of acidity over Lucky Strike of from 53% to 100%.



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**BELL TELEPHONE SYSTEM**

# CALENDAR

Friday, March 6  
 10:00 A. M.—Varsity Intercollegiate Squash Meet at Trinity, Hartford.  
 12:00 Placement Training Lecture, Room 5-330.  
 2:00-4:00 Institute Committee Investigation Meeting, East Lounge, Walker Memorial.  
 10:00 P. M.-4:00 A. M.—Junior Promenade, Hotel Statler.  
 Saturday, March 7  
 2:00 Varsity Gym with Army at West Point.  
 2:00 Varsity Swimming with Bowdoin in Boston.  
 2:30 Tech Show Chorus Rehearsal, Walker Gym.  
 3:00 Varsity and Freshman Fencing with Brown at Providence.  
 6:00 Freshman Gym Meet, Walker Gym.  
 8:00 Varsity Boxing with the Coast Guard at New London.  
 Monday, March 9  
 5:30 Freshman Fencing with Dorchester High at Technology.  
 7:00 Interfraternity Conference Basketball Game, Walker Gym.  
 7:00 I. F. C. Tournament Basketball Game, Walker Gym.

According to Prof. Angell of Yale, a historical novel is like a bustle: it is a fictitious tale based on stern reality.—Concordensis.

## Tech Show

(Continued from Page 1)

and the accompanying scenery and properties have also been made by the Tech Show organization. The stage manager for this year is Norman Robbins, '37, and Harry M. Weese, '37, is in charge of the music. The cast and chorus have been rehearsing every evening and according to the latest information they are coming along fine.

Tickets for "Easy To Take" will be on sale in the Main Lobby every day from 9:00 till 3:00. The prices for the show are 75 cents, \$1.00 and \$1.25

## Junior Prom

(Continued from Page 1)

This entrance is located on Columbus Avenue.

Chaperones for the evening are: Dr. and Mrs. Karl T. Compton, Dr. and Mrs. Vannevar Bush, Dean Harold E. Lobdell, Mr. and Mrs. Horace S. Ford, Mr. and Mrs. Delbert L. Rhind, Professor and Mrs. Leicester F. Hamilton, Professor and Mrs. James R. Jack, and Professor Avery A. Ash-down.

Edwin L. Hobson, Charles R. Gidley, George R. Wepler, Albert A. Woll, Charles A. Chase, Goodwin de Raimes, Robert E. deRaimes, William C. Mitchell, William M. Harcum, Dexter W. Gaston, James E. Ewell, and Austin C. Loomis have been appointed to act as ushers at the dance.

"As a consequence of the wonderful co-operation shown by the members of the Junior class, all indications point to a most successful Prom," David S. McLellan, president of the class of 1937, stated late last night. "Enthusiasm was so keen," he went on to say, "that ticket sales had to be limited in order to insure enough dancing room. There is no doubt that the Junior Prom this year will regain some of the prestige that it has lost in past years."

Mr. McLellan also stated that he would like to thank on behalf of the committee everyone who helped to make the Prom a success.

## Wrestling

(Continued from Page 1)

The unlimited heavyweight bout will undoubtedly provide one of the best matches of the meet. "Killer" Kleinhofner, freshman 165-pounder who has been wrestling heavyweight in meets, will meet Leon Baral, last year's freshman heavy. Although heavily outweighed when pitted against Tufts and Brown, "Killer," displaying a ferocious attack and almost professional skill, succeeded in winning his events. Baral is not in very good condition and will need all his strength and weight to defend himself against 165 pounds of dynamite.

### Will Enter Intercollegiates

The meet will offer experience which will stand the grapplers in good stead when they journey to Brown next Friday to compete in the New England Intercollegiate Matches. Taking place Friday and Saturday, the bouts will be wrestled by representatives of the best teams of this region, in both freshman and varsity divisions. The team will return Saturday night.

## Institute Professor Speaks To Graduates

### Personal Investment Policy Is Subject Of Talk

Floyd E. Armstrong, Professor of Economics and Finance at the Institute, was the guest speaker at the Graduate House Dinner held in North Hall of Walker on Wednesday evening, March 4. Prof. Armstrong's topic was "Establishing a Personal Investment Policy."

Professor Armstrong is well qualified to speak on this subject, for in addition to his twenty-five years' experience in educational work, he has had continuous contacts with the business and financial world. He has served in a commercial bank and as a member of an investment trust company.

### The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts. Boston, Massachusetts  
 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.  
 Reading Rooms—Free to the Public. 883 Washington St., opp. Milk St. entrance also at 24 Province St., Statler Office Bldg., Park Sq., 69 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.



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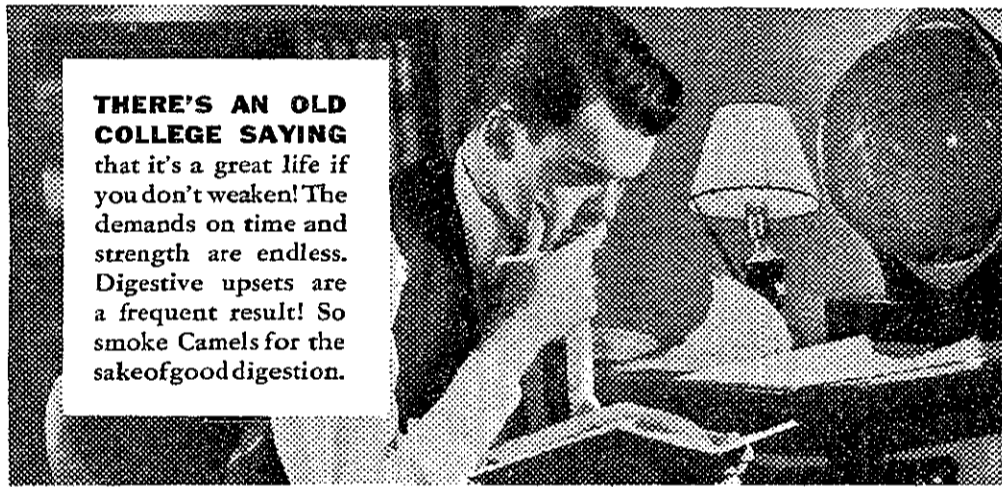
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# FOR DIGESTION'S SAKE — smoke Camels



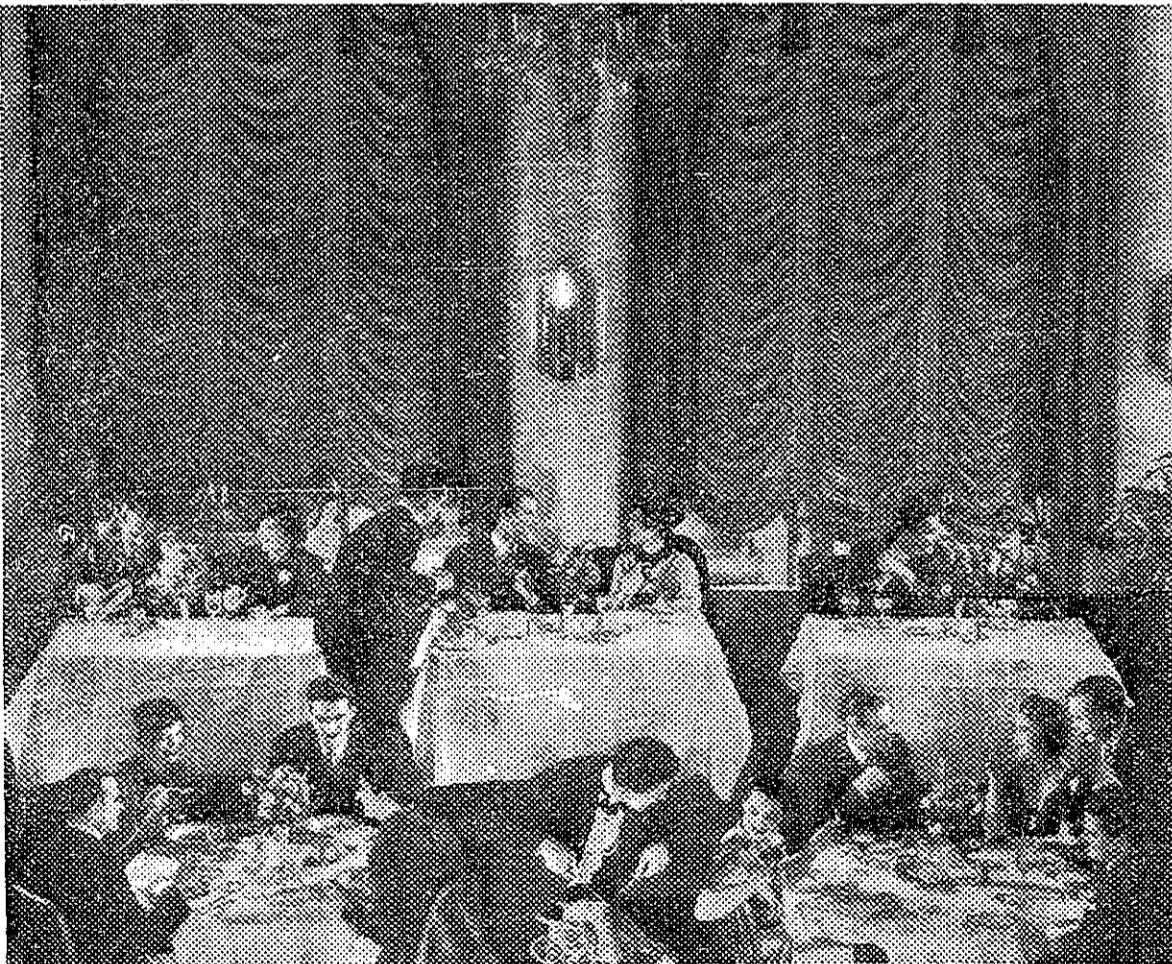
**THERE'S AN OLD COLLEGE SAYING** that it's a great life if you don't weaken! The demands on time and strength are endless. Digestive upsets are a frequent result! So smoke Camels for the sake of good digestion.

## Smoking Camel Cigarettes Aids in Assuring Natural Digestive Action

"Hurry—hurry—hurry" seems to be the order of the day. People get caught in the lockstep of modern life. Tension finds the weak spot, so often—digestion. Smoking Camels improves digestion... wards off the consequences of hurried, nervous living. Camels gently stimu-

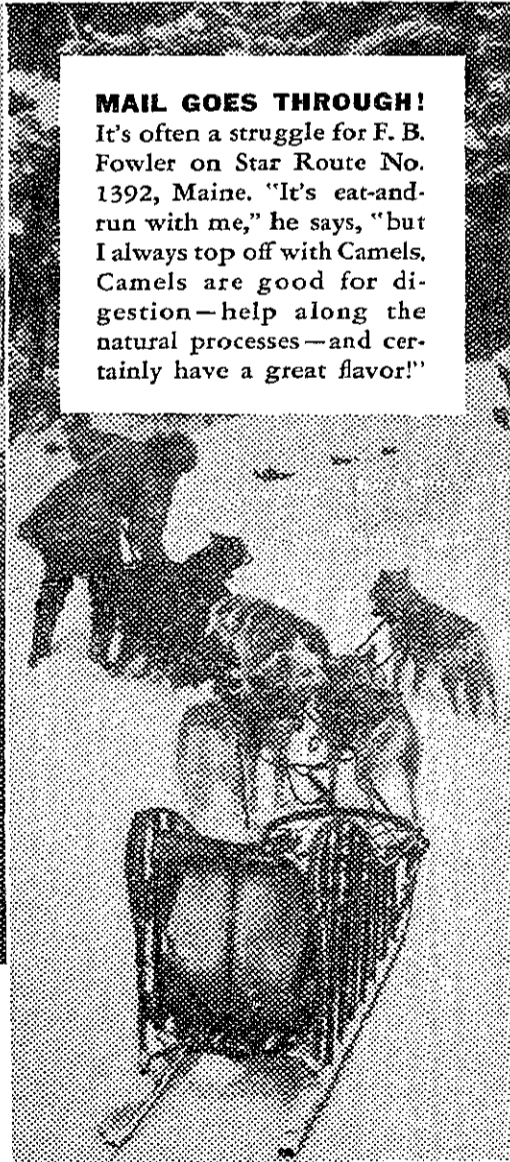
late digestive action. They promote the feeling of well-being and good cheer so necessary to the proper assimilation of food.

In a word, Camels set you right! And, in smoking Camels for digestion's sake, you may enter a whole new world of smoking pleasure.



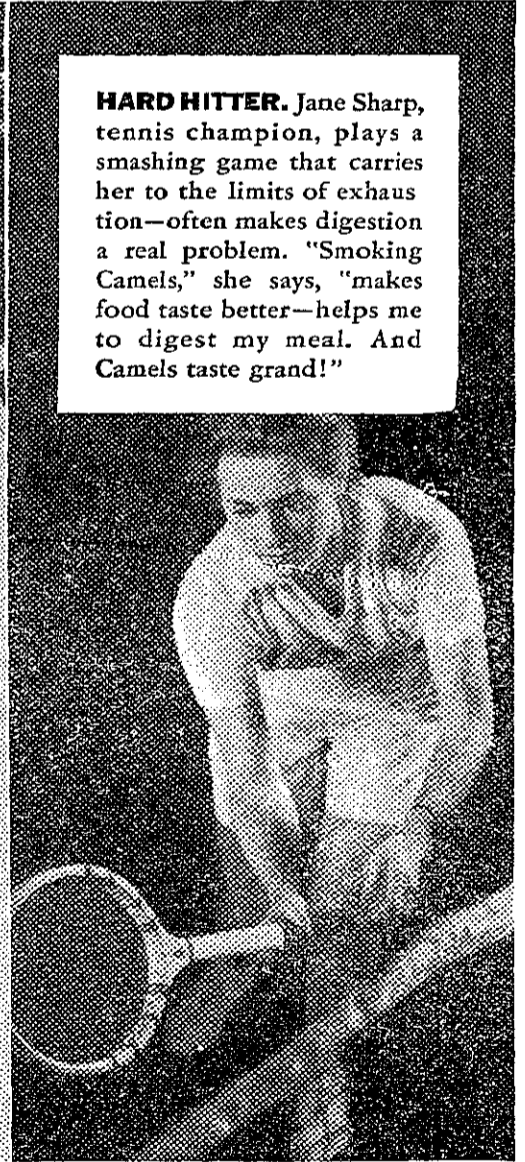
**THE FAMOUS GOLD COAST DINING ROOM** (above) at the Drake Hotel in Chicago. Here the fragrant, delicate smoke of Camels rises while Erik, famous *maitre d'hôtel*, watches alertly over all to see that

no wish goes unsatisfied. "So many of our guests smoke Camels," Erik says, "for they have found that choice tobaccos add to the pleasure of the meal. Camels are tremendously popular—a leading favorite here."



### MAIL GOES THROUGH!

It's often a struggle for F. B. Fowler on Star Route No. 1392, Maine. "It's eat-and-run with me," he says, "but I always top off with Camels. Camels are good for digestion—help along the natural processes—and certainly have a great flavor!"



### HARD HITTER.

Jane Sharp, tennis champion, plays a smashing game that carries her to the limits of exhaustion—often makes digestion a real problem. "Smoking Camels," she says, "makes food taste better—helps me to digest my meal. And Camels taste grand!"



### TUNE IN!

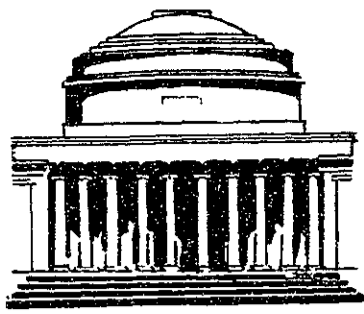
Camel Caravan with Walter O'Keefe, Deane Janis, Ted Husing, Glen Gray and the Casa Loma Orchestra

Tuesday and Thursday—9 p. m. E. S. T., 8 p. m. C. S. T., 9:30 p. m. M. S. T., 8:50 p. m. P. S. T.—over WABC-Columbia Network.

# COSTLIER TOBACCOS!

Camels are made from finer, MORE EXPENSIVE TOBACCOS—Turkish and Domestic—than any other popular brand.





## Intercollegiates Broad Jump Won By Stan Johnson

Trackmen Gather Seven Points  
In Meet At New York  
University

Henry Guerke Places Fourth  
Among Twenty-Seven Entries

Ninth Place In Track Event  
Won By Three-Man Team  
From Technology

Captain Stan Johnson garnered a first place in the broad jump event at the New York Indoor Intercollegiates Saturday when he leaped 23 ft. 5 in. Henry Guerke took a fourth in the 3000-meter run to give the tracksters two more points.

With a three man representation comprised of Stan Johnson, Guerke, and Sabi, the Beaver tracksters rolled up a score of seven points and finished ninth place.

Johnson's mark sees a new Institute record and betters his best previous attempt by a quarter of an inch. In the 1934 Intercollegiates, Stan made a jump of 23 ft. 4 in. to get second place in his favorite event. In 1935, a leap of 23 ft. 4 1/4 in. sufficed only to gain him a third. Milt Green, Harvard track captain, jumped exactly that  
*(Continued on Page 4)*  
Track

## Junior Prom Declared Complete Financial Success By Committee

Miss Betty Bierber Unanimously  
Chosen As Prom Girl  
By Chaperones

This year's Junior Prom, held last Friday night, was today declared to be complete financial success by the Prom Committee. Not only was the affair outstanding financially but everyone present was enthusiastic about the professional manner in which the dance was handled. All of the 233 tickets were sold a week before the dance and it was estimated that approximately 175 of these tickets were sold to Juniors.

Betty Bierer was chosen by unanimous consent of the chaperones as the Prom Girl.

Chaperones were Dr. and Mrs. Karl Compton, Dr. and Mrs. Vannevar Bush, Dean Harold Lobdell, Mr. and Mrs. Delbert A. Rhind, Professor and Mrs. Leicester F. Hamilton, Professor and Mrs. James R. Jack, and Professor and Mrs. A. Ashdown.

Edwin L. Hobson, '37; Charles R. Bradley, '37; George R. Weppeler, '37; Albert A. Woll, '37; Charles C. Chase, '37; Goodwin deRaismes, '37; Robert deRaismes, '37; William C. Mitchell, '37; William H. Harcum, '37; Dexter W. Gaston, '37; James M. Ewell, '37; and Austin C. Loomis, '37, acted as ushers.

## Technology Freshman Named To West Point

Ray T. Barbera, '39, of 14 Eaton Street, Boston, has been nominated to West Point Academy by the Hon. John Higgins of the 11th Congressional District of Massachusetts.

Barbera passed a competitive civil service examination on Jan. 4th. In addition to passing the examination he had to spend 10 days at the Army base in South Boston where he was tutored through a strenuous physical examination. He will not have to take a regular West Point entrance examination because he was certified by the Institute.

Barbera, formerly of Boston English High School, is a student in Aeronautical Engineering.

## He Floats On the Breeze



Stan Johnson, '36, track captain, who glided to a graceful first in the Intercollegiates Saturday with a leap of 23 ft. 5 in.

## Concert Presented By Musical Clubs

Franklin Square House Program  
Includes Banjo And  
Glee Club

Combined Musical Clubs will present a concert at Franklin Square House on Friday, March 13. This concert, originally scheduled for October, was postponed until this week because of the fact that a suitable date was not available. The Orchestra, Glee Club, and Banjo Club will all participate in this event.

April 4, 1936, marks the beginning of Spring activities for the clubs, when the Glee Club and Banjo Club present a joint concert with Colby Junior College at New London, Connecticut. Dancing will follow the concert, the music to be furnished by the Technonians. On April 24, the Clubs will travel to Sargent, where another joint concert is to be given.

An invitation has been received from Boston University for a joint concert to be held in the near future, according to William C. Nichols, general manager of the Clubs. However, no definite date for this concert has been arranged.

## Dr. Menzel Of Harvard Lectures On Eclipses

Course II and Course XVI Men  
Extended Invitations

Dr. D. H. Menzel of the Harvard Observatory will discuss "Engineering an Eclipse" at the monthly conference of the Department of Mechanical Engineering of the Institute to be held tomorrow at 3 p. m. in Room 3-270.

Dr. Menzel, who will leave soon with a group from Harvard and Technology for the Ural Mountains to observe the coming eclipse of the sun there will explain the general purpose of the expedition and the more important parts of the apparatus to be used. In addition, motion pictures  
*(Continued on Page 6)*  
Menzel Lecture

## Mineral Exhibition By Department Of Geology Covers 600 Specimens

On the fourth floor of Building 4, in the corridor of the Department of Geology, are sixteen glass-enclosed cases containing a carefully chosen assortment of over six hundred geological specimens, ranging from gold quartz to crystallized asbestos. These exhibits are not merely of technical interest, but have quite a bit of general significance.

The first case contains samples of gold-bearing rock. These vary from specimens containing minute flecks of the yellow metal widely scattered throughout a rock to one lump about

# Question Of Teacher's Oath Included In The Tech Poll; New Deal Principal Subject

## Prof. H. C. Bradley Dies After Attack Of Heart Disease

Was Author of Text in Drawing,  
Member of Scientific  
Societies

Faculty Member For 39 Years

Professor Harry C. Bradley, Associate Professor in the Department of Engineering Drawing and Descriptive Geometry, died Saturday morning after a six weeks' illness in the Homberg Infirmary. He was sixty-five years of age.

Professor Bradley was born in Plaistow, N. H., in 1871. He attended M. I. T., graduating in 1891 with a degree of Civil Engineering. After seven years of experience in the field of general engineering, he was appointed an instructor in the Institute's Department of Drawing in 1897. In 1908 he was promoted to Assistant Professor, and in 1919 became Associate Professor.

Professor Bradley was the author of a number of articles published in scientific journals. His textbook on De-  
*(Continued on Page 2)*  
Bradley

## Value Of Education For Women Is Topic Of Tech Union Meet

Wellesley Girls Will Uphold  
Question In Closed  
Discussion

"Is the Educated Woman a Bane to Society?" will be the subject of a closed discussion meeting to be held by Tech Union in Eastman, on Wednesday, March 18, at 8:00 p. m. A number of Wellesley girls will be present to participate in the discussion and are to be transported by Tech Union members to and from the Institute in automobiles. Ralph D. Morrison, Jr., '37, will take the affirmative and a Wellesley girl will uphold the negative. The preliminary debate will be followed by a general discussion.

Emanuel Rapoport, '36, has been elected president of Tech Union to fill the vacancy caused by the resignation of Claxton Monro, Jr., '36. Leonard A. Seder, '37, continues as secretary-treasurer of the organization.

Another closed meeting is planned early in April. An expert is to talk on secret diplomacy in connection with the Italo-Ethiopian crisis.

Membership in Tech Union, which entitles one to attend the closed meetings, can be obtained at the office of Theodore Smith in Room 1-180 for 50 cents.

## Mineral Exhibition By Department Of Geology Covers 600 Specimens

one centimeter thick embedded in white quartz. Although formerly on display in the case, nuggets and crystals of gold in the possession of the Geology Department are now kept in a safe.

**Silver Specimens Also Shown**  
The second case contains the silver specimens. So-called "native silver," which is one of the forms in which the metal is found naturally, is a gray, finely threaded, woolly-looking substance. The appearance, with the ex-  
*(Continued on Page 5)*  
Geology

## Sales And Redemptions For Technique Held This Week

Technique will sell its last four dollar subscriptions during the coming week in the Main Lobby from 9 to 4 o'clock. Redemptions on two dollar signups will be conducted at the same time.

After next week, the books will be available in the Technique office at five dollars each until the remaining supply is exhausted.

The book, which is to be published before Open House, will include a grind section devoted to Institute life, as well as the usual informal snapshots. The seniors will be grouped in courses, and not alphabetically.

## Probe Sessions Reopened Today

Prominent Musical Clubs Men  
Will Offer Plans For  
Re-Organization

Investigation into the affairs of the Combined Musical Clubs moves into its second stage today with a meeting between the investigating committee and certain prominent members of the clubs. The meeting is scheduled to take place in the Institute Committee Room of Walker Memorial at 5 o'clock.

Questioned last night, officials declined to state whether the meeting will be conducted in the regular "senatorial" manner, but intimated that a large attendance on the part of the student body was not being sought.

"This meeting," declared Anton E. Hittl, '36, chairman of the investigating group, "is to be conducted on the same basis as any Institute Committee meeting. All students are welcome, but no advertisement is being given the affair in order to obtain a curiosity-seeking crowd. Our object is  
*(Continued on Page 6)*  
Probe

## Automotive Engineers Hold Dinner Tonight

Cities Service Expert Speaks  
About Carbon Monoxide

F. M. Van Deventer and Maxwell Halsey will speak at an open meeting of the Society of Automotive Engineers to be held tonight in Walker Memorial. Dinner, at \$1.25 per plate, will be served at 6:30, and the meeting will start at 8 o'clock.

F. M. Van Deventer, research engineer of the Cities Service Company, has chosen for his subject, "Carbon Monoxide in Motor Vehicles," which he will illustrate with moving pictures. A display of apparatus, including the Cities Service power prover for testing carbon monoxide will be shown at the meeting.

Maxwell Halsey, assistant director of the Bureau for Street Traffic Research of Harvard will speak on "Building Safety and Facility Into the Highway." Mr. Halsey's bureau has made a thorough study of highway construction from the viewpoint of accident prevention, and he will show a number of slides to illustrate the advantages and disadvantages of various types of highway construction, particularly at intersections.

The next meeting of the S. A. E. will be on April 14th, when they will visit the overhaul plant of the Civilian Conservation Corps at Commonwealth Pier, Boston.

## Students, Faculty Will Express Convictions In Vote Thursday

Double Ballot Will Feature  
Roosevelt Policies Question

Polls To Be Open In Main Lobby  
Between 9:00 And 5:00  
O'Clock

"Do you favor the teacher's oath?" will be included as one of the vital questions upon which the opinion of Technology students and faculty members is to be sought in The Tech's New Deal poll this Thursday.

The inclusion of the new question was decided after numerous requests had been received for an expression of collegiate sentiment on this subject. Announcement of the results of the balloting on this issue will be announced in next Tuesday's publication.

**New Deal Main Topic**  
The main topic of the poll is still concerned with the policies of the New Deal, the question being so worded that opponents of the Roosevelt Administration are given an opportunity to express their own views. Opportunity is provided on the ballot for those  
*(Continued on Page 6)*  
Tech Poll

## Four Stratton Prize Papers Presented By A. I. E. E. At 4 Today

Three Papers Will Be Selected  
To Represent Course  
In Contest

Four Stratton Prize Papers will be presented by the Institute branch of the A. I. E. E. today in Room 1-275 at 4:00 p. m. The subjects of the papers will be "Electricity in the Field of Medicine," by Thomas N. Willecox, '36; "Electric-Servo Motors," by Walter K. MacAdam, '36; "Electric Circuits and Differentiation," by Morgan C. Rulon, '36, and "Public Utilities," by Henry C. Johnson, '36.

Three of the papers will be selected to represent the Electrical Engineering Society in the Stratton Prize Contest, held under the auspices of the Combined Professional Societies at the Institute.

Judges will be Professor Karl L. Wildes, Professor William H. Timbie, and Mrs. Albert A. Lawrence. The meeting is open to all those who are interested.

## Sargent Dates Tech Men Through T. C. A.

That Technology men have a way with the ladies was illustrated this past Saturday when the T. C. A. office received a request for three young men to escort three young ladies from the Sargent School of Physical Culture to a dance conducted by the Sophomore Class at Sargent on Saturday evening.

The rather scanty information included the facts that one girl was tall, one short, and one medium.

When interviewed today, the well-known young men who had answered the appeal commented as follows:

"We all had a very nice time. But I don't believe that any of us recommend the practice of going out on blind dates."