

MASS. INST. OF TECHNOLOGY
MAR 11 1938
LIBRARY

A.S.U. Will Survey Job Opportunities For New Graduates

Improvement of Walker Food, Institute Committee In Program

Advocate Wasserman Test Addition to Physical Form

National Policies Aimed Toward Attainment of Education, Peace, Security

A program for the furtherance of sex education at Technology, a survey of educational opportunities for engineers, and the announcement of investigations into the operations of both the Institute Committee and the Walker Memorial Dining Service were the chief points of discussion at the meeting of the Technology Chapter of the American Student Union held last Tuesday evening in Walker.

The importance of a thorough understanding of employment opportunities, earnings, and working conditions for engineers was stressed by Thomas Goldfrank, '39, who reported on the progress of a committee studying available data on these problems.

Reporting for the committee on sex education, Richard Hanau, '39, urged that the Student Union work for the inclusion of the Wasserman test in the required physical examinations.

Hanau recommended that the Student Union contribute to the Institute Library a shelf of books on the various aspects of sex, pointing out that if the books proved to be of sufficient interest to the student body

(Continued on page 2)

ASU

Jackie Ford to Play At Walker Committee Dance on April First

Annual Francis Amasa Walker Dance Usually Attended By Celebrities

Music for the Fourth Annual Francis Amasa Walker Assemblies Ball, which will be held from ten to three Friday evening, April 1, in Walker Memorial, will be provided by Jackie Ford and his orchestra. Later in the evening a lavish buffet supper will be served.

In the past one of the novel features of the dance was the attendance of many of the alumni members of the staff, some of whom came by plane to attend the party. This year's dance, similar to the one held last year, will bring forth several new surprises.

The committee in charge of the dance consists of John G. Burke, '38, chairman; Frederick E. Strassner, '38; Gifford Griffin, '38; A. Byron Hunnicke, '39; Holden W. Withington, '39; I. Budd Venable, '39; Philip A. Stoddard, '40; Franklin E. Penn, '40, and Mr. W. H. Carlisle and Mr. A. W. Bridges who will assist in an advisory capacity.

The dance is sponsored by the Walker Memorial Student Staff, and admittance is only by bids from the student workers.

Aeronautical Society Will Have Symposium

The Aeronautical Engineering Society will hold a symposium Saturday evening, March 26, at Steubens', 144 Boylston Street. Forty members are expected to attend in addition to the professors of Course XVI.

Following the meeting an informal gathering will be held at which refreshments will be served.

The professors and instructors will be admitted free; the charge for members is \$1.00 and for non-members, \$1.25.

Musical Club to Present Concert With Radcliffe

The Musical Clubs will play host to Radcliffe Sunday afternoon, March 27, when a combined concert will be held from three to five in Walker Memorial. As in the past when combined concerts have been held with other schools, the Glee Clubs and orchestras will present a varied program calculated to please the most meticulous of musical tastes.

Kiley Elected 5:15 President

Fober, Sullivan, Rugo, Chosen To Other Offices in Quiet Election

Unanimously electing Leo A. Kiley, '39, as their President for next year, the 5:15 club officials met last Tuesday to vote on their officers for the coming year. On a ballot remarkable for its peaceful passage Kiley was elected to the high position without so much as any derogatory discussion on his eligibility.

The only other officer so elected was Stephen F. Sullivan, '39, to the position of Treasurer. He, too, was chosen unanimously as Treasurer.

The office of vice-president was hotly contested by Henry L. Fober, '39, who was finally chosen, and Joseph Zallen, '39.

Albert C. Rugo, '39, took the Secretary's chair for next year.

At the meeting decision as to what course to take with the Walker Memorial Committee about the confusion occasioned by both the 5:15 Club and the Freshman Dance committee being told that they could have the Walker Hall on April 8 was left to Milton I. Wallace, '38, chairman of the 5:15 dance committee.

Chosen as district leaders previous to the meeting were Frederick F. Noonan, '40, Robert Plunkett, '39, Wylie C. Kirkpatrick, '40, Paul M. Butman, '40, Norman I. Shapira, '41, Toive V. Kyllonen, '40, Joseph S. Quill, '41, Wiathrop B. Reed, '39, and Harold V. Wallace, '40.

This meeting was quite a contrast to the stormy session of last year which elected George H. Morrell, '38, President; Robert Garden, '38, Vice-President; Edward P. Bentley, '38, Secretary, and Fredrick J. Hurley, '38, treasurer.

With plans for a dance with which to start the season, the club is anticipating a highly successful season.

Salesmen Needed to Sell 'The Tech' Every Friday

Anyone interested in selling "The Tech" each Friday from 1 to 2, may apply to the Business Office of "The Tech" on the third floor. Salesmen are paid at the rate of forty cents an hour.

Aero Club Came Before Aeronautical Dept. Like The Cart Before The Horse

Forerunner of the corresponding Institute Course, the Aeronautical Engineering Society at Tech is thirty-eight years old. Known first as the Tech Aero Club, it was established even before Technology had a Department of Aeronautics.

In 1896 Albert J. Wells, a senior, built a rough wind tunnel. For years it was used by all those interested in aeronautics, for the Institute did not show any official interest in the subject.

Enthusiasm Sweeps U. S.

About 1909 a wave of enthusiasm for flying swept across the United States, exciting a great number of Tech men, and so in that same year the Tech Aero Club was founded.

For several years previous to this time the Boston Aeronautical Society had fostered a great deal of interest

Threat Of Representation Cut Killed By Institute Committee; Change In Elections Proposed



Photo by John M. Holeman, '38

Fire In Lab. !!

Flames spreading from a broken flask of ether and methanol in an organic laboratory inflicted second degree burns on Carl W. Maynard, Jr., graduate student from Colorado, about three o'clock yesterday afternoon.

Maynard had been filtering the mixture under a high vacuum when his flask collapsed, releasing the vapors. Explosion resulted as fumes sped to a flame twenty feet away and flashed back to set him afire. Several bottles of solvents crashed on the other side of the room and blazed up the walls feeding the conflagration on a corner desk. Men hurried from adjoining laboratories with fire extinguishers and pails of sawdust to put out the flames. Maynard, ablaze,

flashed to the corridor where he was smothered in lab coats. He was then rushed to the infirmary. Examination revealed second degree burns on both legs and the right arm; minor burns on the neck. He is now resting comfortably in Brooks Hospital. Little damage was done to the laboratory as a whole.

(The photograph above shows the corner which was burned. A scarred picture twenty feet away was the only other object seriously harmed.)

Maynard received his B. A. degree from Colorado College in 1934. He has been engaged in research work on sugars and carbohydrates in Room 6-331. He is the son of Dr. Carl W. Maynard of Pueblo, Colorado.

Photographic Issue Of T. E. N. Out Soon

Four Articles on Photography Feature by Magazine

Photographic hams will be interested in the February issue of the Tech Engineering News, which features four main articles on advanced photography.

"Fine Grain Development" by Deane Rowland White deals with a short review of developer constituents and functions, besides consider-

(Continued on page 3)

February Issue T. E. N.

Open House Program Has Definite Policies

Desire to Avoid Side-Show Air Expressed at Meeting

Four major objectives of Open House were announced at a meeting of the executives of the Open House Committee with Dr. Karl T. Compton, Harold E. Lobdell, John J. Rowlands, and Arthur C. Watson.

The objectives were issued as: (1) To attract desirable students; (2) To interest potential employers of Technology graduates in the advantages of a Technology training; (3) To establish the good will of the Institute with our visitors; (4) To acquaint all Technology with the activities carried on in each of its many departments.

In a letter to the members of the exhibits committee, this group gave their first instructions as to the nature of the departmental exhibits. They pointed out that the exhibits were to relate directly to Technology, that they were to have a definite reason for each exhibit's being presented at Open House—rather than at a World's Fair; and that they should be explained carefully. Because without this transfer of ideas the exhibit would be useless.

Those members of the Open House Committee who were present at the meeting of last Monday were Frederick J. Kolb, '38, chairman of the committee, James B. Hess, '38, Dale F. Morgan, '38, William G. Gibson, '38, Elmer F. Detierre, '39, and Harry B. Hollander, '38.

"Lack Of Interest" Cures Outlined In Report

Presidential Runner-Up Would Be Vice-President

Withdrawal of threats of representation cuts to the three lower classes and the proposal of a new electoral system for undergraduate class elections were the highlights of last night's Institute Committee meeting.

Heading the recommendations of an investigating committee, that the motion which would deprive Juniors, Sophomores, and freshmen of two each of their three representatives on the Committee should be defeated, the solons unanimously downed the measure.

Proposal to Alter Election System

Undergraduate elections would be changed, if a motion made by Richard Muther, '33, is passed at the next meeting, to the extent that no nominations will be made for the class vice-presidencies. Instead, according to Muther's proposal, the runner-up

(Continued on page 4)

Inst. Comm.

Gridiron Announces Deadline for Prizes At Initiation Banquet

Honorary Journalistic Society Takes Twelve New Men At Meeting

Deadline for submission of articles to be judged for the Gridiron journalism prizes will be April 17, it was announced at the initiation banquet which was held in the Faculty Dining Room of Walker Memorial last Wednesday evening. Four prizes will be given by the honorary journalism society, one for the best article which has been printed in each of the four Institute publications.

After the initiation of the twelve pledges, four from each publication except Technique, Mr. Albert W. Stevens of Little Brown and Co. gave a short talk on the making of books, and Mr. John Burchard, head of the Gym Drive, delivered an informal talk on the progress of the solicitations.

The General Manager of each publication is to submit three or four

(Continued on page 3)

Gridiron

Inst. Comm. Members Elected by Freshmen

L. Merton Richardson, Richard A. Van Tuyl, and Arnold S. Mengel were elected Institute Committee representatives from the Freshman Class at a meeting of the Freshman Council held Tuesday in the Faculty Room of Walker. Richardson, in addition to his regular duties, is to act as Secretary of the Council. Both Van Tuyl and Richardson held the same positions last term.

Other members for Institute Committee representatives were Francis

(Continued on page 4)

Freshman Council

(Continued on page 4)

A. E. S.

The Tech

Vol. LVIII Friday, March 11, 1938 No. 9

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Managing Board

General Manager David A. Bartlett, '39
 Editor A. Lawrie Fabens, Jr., '39
 Managing Editor Edwin K. Smith, Jr., '39
 Business Manager George Dadakis, '39
 Associate Editor Ida Rovno, '39

Associate Board

Assistant Editors
 Ruth A. Berman, '40 Wylie C. Kirkpatrick, '40
 John G. Burr, Jr., '40 Robert K. Prince, Jr., '40
 William S. Kather, '40 Phelps A. Walker, '40

Business Associates
 Russell T. Werby, '40
 John W. Blattenberger, '40 Robert K. Deutsch, '40
 Leslie A. Sutton, '40
 Advertising Associates
 Robert S. Nelson, '40 Paul W. Witherell, '40

Editorial Board

Samuel L. Cohen, '39 Frederick J. Kolb, Jr., '38
 John R. Cook, '38 Herbert K. Weiss, G

Staff Assistants

Arthur M. York, '38
 Paul V. Bollerman, '40 William R. Stern, '40
 Newman Nicpold, '46

Offices of The Tech

News and Editorial—Room 3, Walker Memorial, Cambridge, Mass.
 Telephone KIRKland 1882
 Business—Room 301, Walker
 Telephone KIRKland 1881

SUBSCRIPTION, \$1.50 Per Year

Published every Tuesday and Friday during College year,
 except during College vacation.

Entered as Second Class Matter at the Boston Post Office

REPRESENTED FOR NATIONAL ADVERTISING BY

National Advertising Service, Inc.

College Publishers Representative
 420 MADISON AVE. NEW YORK, N. Y.

CHICAGO - BOSTON - LOS ANGELES - SAN FRANCISCO

Night Editor: Harold E. Dato, '41

CLASS REPRESENTATIVES ON THE EXECUTIVE COMMITTEE

CONTAINED in the report of the committee investigating the suggested motion to reduce the representation of the three lower classes were many valuable ideas of how the situation might be improved. In the past, some members of the Committee have been allowed to sit back, add nothing to the discussion, and take no active part in the business. Under this system, the three lower-classes enjoyed practically no voice in measures before the body although they make up the mass of the students.

Two of the main reasons for this state of affairs were uncovered by the investigation. First, the younger legislators not acquainted with the rights and opportunities of their positions. This leads to much hesitation since rules of order are strictly followed, which is often disconcerting to would-be-speakers who are unfamiliar with the procedure. Second, the body of the Committee has not been informed beforehand of the business that will be brought up at the meeting. This not only keeps the representatives from inquiring into the desires of their electors, but also prevents their gathering information that might be useful in the discussion.

Medicine for these ills was prescribed in well considered doses. New members should be required to read the constitution and to investigate usual procedure in Robert's Rules. They would thus be gaining information that should be valuable not only in Institute Committee meetings, but in other bodies with which they may be connected. This alone should help greatly toward lending courage to the lower-class speakers, but even after suggesting that the probable business be posted the committee went farther.

Not content with merely continuing in their present strength, the investigators proposed that class representatives be seated on the Executive Committee in rotation so that each might have a chance to learn more about the inner workings of the Committee. This was a direct reversal of the original motion, but received much favorable comment, and would be directly in keeping with the spirit of reform that has recently favored the appointment of lower class representatives to other active committees.

The Institute Committee seems to be slowly coming out of a slumber. When they adopt the proposals of the recent investigating committee, they will have made great strides toward becoming a truly representative body.

KEEP OFF THE GRASS

THE Institute from time to time spends a great deal of time and money on keeping the grounds in good condition. The grass is particularly vulnerable at this time of year, and a few careless students seem to be doing

their best to make paths through it. There is no reason for this, if you must walk on the grass, please co-operate and stay away from the well beaten routes.

ARE THERE NO MORE COMPLAINTS?

RECENT activities of the Student-Faculty Committee do not seem to have been exciting. They have been looking into lighting conditions of class rooms, have proposed Industrial Safety lectures, and have investigated other student gripes that have been presented to them from a reasonably large group of students, but don't seem to have been swamped by complaints.

We are glad to have heard their report to know that the committee is functioning, but would like to suggest that some other method of collecting complaints be used. Not all students know members of the committee personally so they can register their troubles, but it should be simple to have a gripe box that would be accessible to the student body.

Letters to the Editor

Editor's Note: Following are excerpts from an uncomplimentary letter, setting forth the prevalent view of the Sino-Japanese situation. However right his conclusions may be, they seem to spring from the conviction that differences in language and color of skin may make men inhuman monsters. Information is far from complete in this country, but it need not be thrown more out of balance by adding complete barbarism to the shortcomings of the Japanese.

To the Editor:

It was with much displeasure that I read the "Letter To The Editor" in the March 4 issue of your publication which attempted to show the "Japanese Position in the Sino-Japanese Incident."

The letter, to my estimation, condones the aggression of the Japanese militarists who, ironically, are protecting the security and peace in the Far East, and are forced to resort to arms to do so, as the apologist for the fascists states in his letter. This is an obvious myth which has been resorted to time and again by provocateurs. Even a moron can detect such flaws. It seems that every conflict is to the "great regret of Japan" and that cold-blooded attack upon the innocent and the weak is merely an "incident" to these fascist monsters.

An elementary understanding of Chinese background will clarify the situation and reveal the contradictions and falsehoods of the eminent Mr. Yamamoto.

China is a land of 400 millions in the throes of modern warfare and climaxing a long struggle for national unity. It has been a backward nation with a relative national economy. It is a land of laboring peoples who are virtually slaves to the feudal land-owners.

With the entire nation in the throes of such an economy and national disunity the imperialistic nations of the world had found an easy mark for the expansion of their trade. For nearly a hundred years, each nation has waged a bitter struggle to capture and maintain this market—with the pretense of extending a helping hand. Each turned and bled the golden calf.

Japan's aggression in China is motivated by economic reasons, as are the aggressions of Italy and Germany. The military preparations have been long and deliberate in the most barbaric extension of modern warfare since the world war. China has been unable to rally her 450 millions into unity to ward off the invader, striving vainly to defend herself.

China, as in Spain, is one more link in the worldwide Fascist aggression. Triumph in these two countries will strengthen the Fascist triple alliance and set the stage for further expansion, as was proven recently when Austria was "annexed." The turn next comes for Czecho-Slovakia. Collective security is the front-line of defense against these nations. The people's only defense is to rally all forces to weaken the economic structure of the "have-not" nations in their mad scramble for new world markets and the acquisition of natural wealth in such colonies.

In the present hours of eminent danger, the sympathy of the "civilized" nations is not alone worth a dime. It is of no avail to the underdog. Against the fascist aggressors the nations, all democratic nations, must pit their strength economically and politically in order to stave off a major calamity. The only resort left to the entire world, at this stage of the "most dangerous game" is to heed Roosevelt's call for "a concerted action to halt the aggressors." The isolationist era has been swept away with the outmoded post-war idealism of which the League of Nations was a symbol.

This is the only road to PEACE. It cannot be waited for. It must be created along the line that in order to "keep America out of war we must keep war out of the world." We must engage in the pursuit of such a peace lest we awake one fine morning, to find the beginning of major hostilities, leaving us with no other alternative than self-defense whose cost in destruction, human life and property is beyond conception at this writing.

(Signed) WALLACE KACH,
 Associate Editor, "YOUTH," Weekly.

Reviews and Previews

METROPOLITAN — Edward G. Robinson indulges in A Slight Case of Murder, while John Boles and Gladys Swarthout have a Romance in the Dark.

PARAMOUNT AND FENWAY — Gold is Where You Find It, but more particularly, it is at this theatre for the present week. The co-feature is Penrod and His Twin Brother, starring the Mauch twins.

UPTOWN—Sonja Henie's Happy Landing moves into this house for the week starting today. The companion feature is International Settlement.

SCOLLAY AND MODERN — The Big Broadcast of 1938 begins here today. The companion film is Of Human Hearts, a drammer of the Civil War days.

UNIVERSITY — Sunday through Tuesday Rosalie meanders her way across the screen, taking turns with the Jones family on a Borrowing Trouble binge. Review Day, Wednesday, brings back William Powell's interpretation of My Man Godfrey, and Leslie Howard and Heather Angel in Berkeley Square.

EXETER—We have the Happy Landing on this screen too, alternating with The Shadow, in which Charles Quigley and Rita Hayworth play the leads. The bill runs Sunday through Wednesday.

TREMONT—This house holds The Prisoner of Zenda Sunday through Wednesday. Also on the bill is a special Cartoon Carnival, with five Walt Disney Cartoons.

REPERTORY AND SQUARE—On Sunday and Monday You Can't Have Everything. Also Draegerman Courage, in which Barton MacLane and Jean Muir take the leads.

A. S. U. (Continued from Page 1)

the library might add to them. He also mentioned, as an indication of progress in this field, the T. C. A. sponsored lecture on the psychological aspects of marriage soon to be delivered by Professor F. Alexander Magoun.

Would Investigate Institute Comm. Harold L. Posner, G, vice-president of the chapter, called for an investigation into the undergraduate Constitution and the organization of the Institute Committee, intimating that the student governing body has of late failed to function with desirable smoothness and efficiency and asking that the Student Union, after a study of the situation, recommend appropriate reforms.

Operation of the Walker Memorial Dining Service is also to be investigated by a committee headed by Alfred J. Green, '40, to determine whether there are any grounds for the long-standing complaints of the student body about the food and the service.

Work for Peace, Security, Education Speaking of the national policies of the body, Joseph Shill, '40, president of the local chapter, mentioned as being especially important the development of an operable and effective peace plan, the achievement of a program for economic security with particular emphasis on economic affairs that directly affect student welfare, and the spreading of educational opportunities.

IF IT'S FUN YOU'RE AFTER

Big Apple—Fox Trot—Waltz—Rhumba
 Tango—Shag

Learn to Dance at the

Uptown School of Dancing

330 Mass. Ave., Boston. Tel. Com. 0520

Massachusetts Institute of Technology

CAMBRIDGE, MASSACHUSETTS

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY offers the following Professional Courses:

School of Architecture		
Architecture	City Planning	City Planning Practice
School of Science		
Biology and Public Health	Options:	Chemistry
	Biology	General Science
	Biology and Public Health	Geology
	Industrial Biology	Mathematics
	Public Health Engineering	Physics
Biophysics and Biological Engineering		
School of Engineering		
Aeronautical Engineering	General Engineering	
Building Engineering and Construction	Marine Transportation	
Business and Engineering Administration	Mechanical Engineering	
Options:	Options:	
Engineering based on Physical Sciences	Automotive	
Engineering based on Chemical Sciences	General	
Chemical Engineering	Materials and Design	
Chemical Engineering Practice	Refrigeration and Air Conditioning	
Civil Engineering	Textile	
Electrical Engineering	Mechanical Engineering—	
Options:	Cooperative Course	
Illuminating Engineering	Metallurgy	
Electrical Communications	Mining Engineering	
Electrical Engineering—	Options:	
Cooperative Course	Mining Engineering	
Electrochemical Engineering	Petroleum Production	
	Naval Architecture and Marine Engineering	
	Sanitary Engineering	

Each of the above undergraduate Courses is of four years duration, with the exception of Architecture, City Planning, Biophysics and Biological Engineering, and the cooperative Courses in Electrical Engineering and in Mechanical Engineering, which extend over a period of five years, and City Planning Practice which covers a period of six years. In addition to the Bachelor's degree, the above five and six year Courses, with the exception of Architecture, lead also to the Master's degree.

Graduate study, leading to the Master's and Doctor's degrees, is offered in Ceramics, Meteorology, and in all of the above professional Courses with the exception of General Engineering and General Science.

A five year Course is offered which combines study in Engineering or Science, and Economics or other social sciences. This leads to the degree of Bachelor of Science in the professional field, and to the degree of Master of Science in Economics and Engineering or Economics and Science.

The Summer Session extending from June to September includes many of the undergraduate subjects given during the academic year.

For information about admission, communicate with the Director of Admissions.

Any of the following publications will be sent free on request:

Catalogue for the academic year.

Summer Session Bulletin.

Educational Opportunities at the Massachusetts Institute of Technology.

Beaver Riflemen Set Team Record Against Beverly

Total of 920 Replaces Former Record Which Had Stood Since 1934

Pratt's 189 Ties Five Year Old Individual High Score

Tech Leads New England League As Coast Guard Whips Vermont U.

Establishing a new Institute record for team score and continuing on its winning spree, the Beaver riflemen defeated a team from the Beverly Rifle Club by a score of 920 to 892 last Wednesday evening on the range at Beverly.

The score of 920 is a new record for two position match team scores. The previous record was 915 and was made in 1934.

Pratt Ties Institute Record Not only was the team performance outstanding, but also Robert W. Pratt, '39, tied an Institute record of 189 for individual match score. This record had stood since 1933 when Lawrence Hall set it up.

In addition to Pratt's excellent shooting of a possible 100 out of 100 prone and 89 standing, Herman L. Meyer, '40, came through with a possible 100 prone and an 85 standing for an individual score of 185. Others to place for Technology were Jean L. Lewis, '40, with a 184; Charles H. Maak, '38, with a 182; and Seymour E. Heymann, '39, with a 180.

Team Heads Collegiate League The team is also leading the New England Intercollegiate League, being the only team which has not yet been defeated in league shooting.

Until last week the honor was shared by the Institute and the University of Vermont, but bulletins from Washington announced that the University of Vermont was defeated last week by the Coast Guard Academy, from New London, Conn.

Saturday afternoon the Beavers will have an opportunity to test their brand of shooting against this Coast Guard Academy, who are coming up for a league shoulder-to-shoulder match. The following week the Tech team is going down to New York City to shoot against N. Y. U.

T. E. N.

(Continued from page 1)

ing the recent attempts at fine grain developing. The second article, "Processing Positive Motion Picture Films," by Oscar E. Cantor, covers the more specialized field of commercial motion picture producing. The problem of processing large quantities of film is reviewed with the modern methods of meeting the required demands of varied exposure and development for the production of the desired quality. Frank R. Fraprie wrote the third article, "The Development of the Photographic Camera," as a brief record of the progress made with the camera obscura. The last article, "Dye-Sensitized Photographic Emulsions," written by Avery A. Ashdown is an excellent discourse on infra-red photography and emulsions sensitized to non-visible light.

Gridiron

(Continued from page 1)

outstanding articles which have been printed in his publication to a judging committee composed of Richard G. Vincens, Jr., '38, ex-General Manager of The Tech, Robert C. Cassellman, '39, General Manager of Voo-Doo, and Professors Henry G. Pearson and Robert E. Rogers of the English Department. This committee will make the final selections, and the prizes will be awarded at the Spring banquet of Gridiron which is to be held in the middle of May. Last year the prizes amounted to twelve and a half dollars apiece, and this year they are to be at least as large.

Guests of the banquet were Prof. Frederick G. Fassett, Jr., of the English Department, Mr. J. Rhyne Kilian, Jr., and Mr. Stanley G. H. Fitch.

Annual Wrestling Banquet Will Be Held on March 15

The annual Wrestling Banquet, which takes place at the end of each season, will be held next Tuesday, March 15, at the Colonial Kitchens. All members of this year's freshman and varsity squads who will be able to attend should get in touch with Coach Jay Ricks at the Hangar Gym on or before Monday, March 14. The banquet will begin at 6:30 and will cost \$.75 (six bits).

Tech's Tournament Attracts Thousands

Capacity Crowd Jams Hangar Gym to See Schoolboys Fight for Title

Today saw the biggest crowd of the year jam the Hangar gym to the capacity of a thousand, as the New England schoolboys battled in the quarter finals matches of the Tech basketball tournament.

This capacity crowd, which once a year crowds the gym, saw the usual scrappy battles which characterize the tournament. The first game of the day provided the big upset when a favored Lynn team bowed to a scrappy Quincy quint, 14-13.

The second game was another last minute final in which Medford nosed out Weymouth 32-28. Upsets seemed the order of the day for the Rindge-Lowell game was not nearly what it was cracked up to be. The Rindge five ran rings about Lowell to the tune of 26-13.

Chelsea displayed all its power in defeating New Bedford in the final game of the day 28-19. Chelsea seems to be the team to beat in the tourney, although in basketball anything can happen.

Varsity Squash Team Will Oppose Amherst

Saturday the varsity squash team, handicapped by the loss of Stearns, its number one man, will travel to Amherst in the hope of winning its third intercollegiate meet of the season. At present the team has lost two and won two, and according to Coach Jack Summers, has a "very good chance" to win this one.

Play-off matches resulted in a new lineup for the meet with Amherst, for Willard Babcock, '38, will play number one position, with Harold Miller, '40, Alex Thackara, '39, Forrest Ellis, '39, and either Joseph Malone, '38, or Isadore Schwartz, '38, following him in that order.

Last week the team was edged out of a win 3-2 against Dartmouth, and though Amherst has a pretty good team this year, Summers declines to predict victory either way, merely saying, "We hope to get the breaks."

New T. C. A. Officers Initiated Tomorrow

New officers and the new cabinet of the T. C. A. will be inducted at a dinner tomorrow at one o'clock in the Faculty Dining Room. The officers, who were elected on February 23, are Elmer F. DeFiere, '39, president; J. Warren Evans, '39, vice-president; John A. Beaujean, '39, secretary, and Nicholas Carr, '39, treasurer.

Professor Edwin S. Burdell, Dean of Humanities, has been secured as the main speaker. Several members of the Advisory Board of the T. C. A. have also been invited.

Besides the initiation of the new officers, the program will include the reading of the organization's annual reports.

Fencing Team Engages Columbia and C.C.N.Y.

Macerata to Fence U. S. Champ At Hotel Vendome

Dr. Macerata, coach of the fencing team, holds no hopes for victory in either of the two varsity fencing meets scheduled for this week. Columbia's team, one of the best in the country, will cross swords with us this afternoon in Walker Gym. Tomorrow we will engage the well trained team of City College of New York.

Both Columbia's squad and that of C. C. N. Y. have had their present coaches for the past four or five years whereas Technology's team has been under Dr. Macerata's direction for less than two years. This has not been ample time to produce fencers of the caliber of our opponents, since it takes many years of painstaking coaching and practice to produce a first-rate team.

Last night, Dr. Macerata was scheduled to fence with the champion of the United States at the Hotel Vendome. As this issue goes to press the results of the event are unknown.

On March 5, Technology lost to Brown at Providence by the score of 6½ to 10½.

Technology Gym Team Will Meet Dartmouth

Tomorrow at 2 P. M., the Gym teams of Technology and Dartmouth will compete in Walker Gym. Coach Forsell considers our chances of winning very good, especially in view of the fact that we lost to Princeton by so close a score. The line-up is as follows:

High bar—Brewer, Cramer, Emerson; Side horse—Wheaton, Reynolds, Abbott, Stewart; Parallel bars—Littlejohn, Keyef, Michaelson, Morgan; Flying rings—Cleve, Hall; Tumbling—Francis, Chamberlain, Brewer, Abbott; Rope climbing—Abbott, Mitchell, Cramer, Michaelson.

SPORTS COMMENT

Here are a few more stray items from the golfing world.

Argentine sportsmen, who have been taught to believe that American athletes are pop-offs, were astonished at the silence of Denny Shute, Byron Nelson and Henry Picard, American golf professionals who visited that country. Shute and Nelson hardly ever speak a word in English and their silence in Spanish will not surprise American Golfers.

Among new patents is a "swingless golf club," the invention of Horace A. Bodge of White Plains, N. Y. This club is placed with its head next to the ball. The player pushes down on a lever and a plunger pops out to give the ball a nice straight ride down the alley.

Peter Hays, who has served as golf professional at Del Monte for more than a quarter century, has introduced a course in social culture for caddies, to teach them manners and English. Mr. Hays did not reveal what language the boys have spoken for the past 25 years.

The word "links" is misused in America by writers when referring to inland golf courses. According to the British, nothing is a links except those holes laid out by the seashore. Linksland means rolling sand dune formation on the Coast. British championships are held on linksland, which is considered the proper sort of country over which to play the game of golf. An inland club is a golf course.

Caddie Happy O'Brien who started from Boston and has been going ever since says that Al Capone gave him the most liberal tips in his experience, \$15.00 for each round he caddied for the Chicago mob leader during the days Al visited in Miami. O'Brien says that a bodyguard of fifteen men formed a gallery, as Capone was "hot" at the time. He said a big black touring car with curtains drawn used to follow about when Capone played.

A well known lady golfer of London, wintering in France, ran into "a bad patch of form" and could not find any pro on the Riviera to correct her. She had a cinematograph strip of her swing cut up and made into a "thumb book flicker" which she posted to Fred Robson, in England. Robson, a former Ryder Cup player, "thumbed" the book and sent written instructions by return post.

A hole-in-one contest, as a sideshow of the Los Angeles open, included a "charmed circle" four feet in diameter. Jimmy Thomson hit 139 balls before he got one inside the circle. Red Cronin, Los Angeles newspaperman, trying the hole-in-one stunt, dropped a mashie shot kerplunk on an innocent bystander's scalp.

Sam Snead drew a big crowd to watch him play in an exhibition match in Southern California a few days after he had been criticized for picking-up in the first round of the Pasadena open.

Incidentally, the hoopsters should have a banner year next year. This year's frosh squad is the strongest in many a long era, and it is rumored that Coach McCarthy is at work on a center who towers 6 ft. 6 into the stratosphere.

SPORTS CALENDAR

Friday, March 11

2:30—Varsity Fencing with Columbia at Tech.

Saturday, March 12

1:00—Varsity Rifle with Coast Guard at Tech.
2:30—Varsity Fencing C. C. N. Y. at Walker Gym.
3:00—Varsity Squash with Amherst at Amherst.
Freshman Basketball with Governor Dummer.

The First Church of Christ, Scientist

Palmouth, 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, 533 Washington St., opp. Milk St., entrance also at 24 Province St., 420 Boulton Street, Berkeley Building, 2nd Floor, 60 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.

Synthetic Products Topic of Open Forum

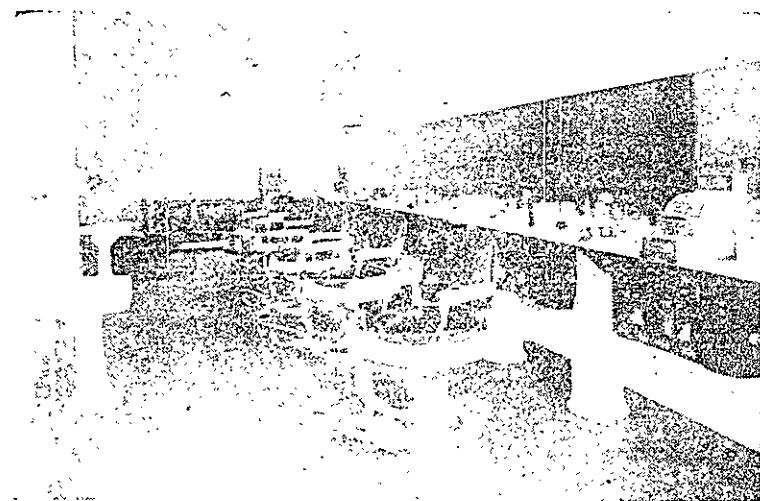
Synthetic products and their value were discussed by Dr. Ernst A. Hauser of MIT and Dr. Eugene Staley of Tufts College at the Tech Open Forum meeting on Tuesday. Dr. Staley, with the aid of samples, explained how synthetic products, such as rubber and glass, are made. During his talk he mentioned that the United States is far behind in this valuable industry because of the lack of interest in this field of Chemistry. Dr. Staley, in his talk, discussed some of the points brought out by Dr. Hauser. He explained the economic and political significance of synthetic products. He also stated that these products will be necessary in the future if a country is to be self-sufficient, and that they will also aid in the furthering of world peace.

MODERNIZE YOUR DANCING

How many of the latest steps do you know? In a few easy lessons at the Baptiste School of Ballroom Dancing you can learn the newest steps in Fox Trot, Tango, Rhumba and Waltz. Knowledge of these dances and steps will give you poise and assurance and will make your dancing lots more fun for yourself and partner. Why not arrange for a trial lesson by phoning Commonwealth 2108?

Baptiste School of Ballroom Dancing
14 Newbury Street, Boston

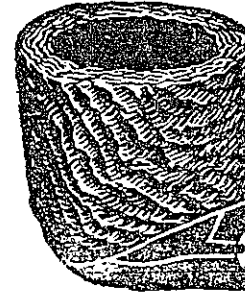
DUNLEAVY'S SANITAX BARBER SHOP



COMPLETE BARBER SERVICE
Catering to Tech Professors and Students
80 Mass. Avenue (opposite new building)
Established 30 years in Cambridge

THE WISEST \$1 YOU EVER SPENT

NEW SHAPES & FINISHES



Frank MEDICO

has only Pat'd filter combining moisture-proof Cellophane exterior and 66 Baffle absorbent mesh screen interior; resulting in greatest scientific pipe smoking invention ever known. Keeps juices in filter, out of mouth.



CALENDAR

FRIDAY
 5:00 P.M. Menorah Society Meeting—Faculty Dining Room
 5:00 P.M. I. F. C. Executive Committee meeting—East Lounge

SATURDAY
 1:00 P.M. T. C. A. Annual Installation—Faculty Dining Room
 1:00 P.M. Chess Club meeting—East Lounge
 6:30 P.M. A. E. S. Dinner—Boston
 8:00 P.M. 5:15 Victrola Dance—5:15 Clubroom

SUNDAY
 8:00 P.M. Debate—Norfolk Prison Colony

MONDAY
 12:30 P.M. Prof. C. E. Tucker dinner—Silver Room
 1:00 P.M. Professor Schell luncheon—Fabyan Room
 5:00 P.M. Nautical Association Shore School—Room 1-275
 5:00 P.M. Nautical Racing Skipper's School—Room 1-236
 5:00 P.M. Technique meeting—East Lounge
 T. E. N. February issue out—Main Lobby

Inst. Comm.

(Continued from page 1)

in the presidential campaign will automatically be named vice-president. In addition to this motion, which was tabled, discussion over the motion revealed that under the new system, the vice-president would be one of the class' Institute Committee representatives.

Grant Makes Report

Heading the committee of investigation into the question of class representation was Frederick B. Grant, '39, assisted by Raymond C. Foster, Sophomore Class president, and Joseph G. Gavin, '41. Their report, ably presented by Grant, swayed the Committeemen with a plea that the lower classes should retain their present membership on the Committee, stressing the point that the Institute Committee, as originally planned, was to serve only as the representative legislative body of the M. I. T. Undergraduate Association, and as such should contain ample representation from all classes.

Five Point Program Outlined

Grant's report included a five point program for arousing the underclassmen from the alleged "lack of interest" which prompted the proposal of the cut two weeks ago.

1. There should be an informal meeting of the Committee at its first gathering, for the purpose of enabling members to become acquainted with customs and procedure.

2. Rules of order should be emphasized.

3. A bulletin of matters to be brought up in Institute Committee meetings should be posted in advance of the meetings.

4. Lowerclassmen should be seated on the Executive Committee in rotation.

5. More lowerclassmen should be included on appointed subcommittees.

Activity Amendment Tabled

Stormy discussion was brought forth by the presentation of a motion by Willard Roper, '38, relating to the constitutions of all student activities. The move requires that in all constitutions, provisions be made for certain specified duties of the society's officers. After a heated discussion, in which Chairman Wallace was challenged as he spoke from the chair, the motion was tabled.

Also included in the business of the meeting were the approvals of the following: 5:15 Club elections, Combined Musical Clubs elections, election of Thurston S. Merriman, '39, and Harold J. Muckley, '39, to the Dormitory Committee, Senior Week Committee elections, Freshman Council elections, the election of Russell T. Werby, '40, as Filing Editor of The Tech, and officers' election in the Radio Society.

Made public in the report of the Budget Committee was a "profit" of \$123 for the first six months of the year. An innovation at the meeting was the distribution to all the members of a mimeographed sheet of the proceedings of the Executive Committee meeting, with topics to be brought up explained.

A. E. S.

(Continued from page 1)

1910. Tech won the meet and a cup for its efforts. As nearly as can be determined, it was the first prize to be won at a public glider meet in the United States.

The next year one of the first automatic stabilizers emerged from the Shoe and Leather Exposition Building. The stabilizer was a pendulum mechanism with compressed air pistons, using mercury contacts quite similar to present commercial contacts. This experiment resulted in an immediate crackup, and ended the short career of the new Curtis glider on which the control had been mounted.

Start Aeronautics Course

At this time the student members of the club, recommending to President Maclaurin the founding of a course in aeronautics, advanced the necessary funds. This stimulated the President to act and first the Merrill lectures and then a cooperative arrangement with the navy were established.

After this, interest in the A. E. S. (though it was not yet called by that name) waned. But in 1922 the organization experienced a revival when it was invited to take part in the International gliding contest at Clairmont-Frand, France. Under the leadership of Edmond T. Allen, '23, and Prof. Otto C. Koppen, '24, the Tech contingent won a bronze plaque, although one glider was wrecked.

Students Pilot Ship

However, the students, as such, did not get a chance to actually pilot ships, until 1930, when the auto-tow method was introduced. Under this system a pupil first is pulled along by an auto and not allowed to leave the ground until he learns how to control the lateral stability of the ship. Next he is pulled along about two or three feet of the ground until, when he has acquired skill in the handling of the elevators, he is allowed to go higher, cast off the tow line, and make turns.

Boit, Dalton, Church & Hamilton
 89 BROAD STREET
 BOSTON

INSURANCE
 OF
 ALL KINDS

Debaters Victorious Over Wellesley Team

Topic Was Specialized Versus Liberal Arts Education

Arguing the question of specialized versus liberal arts education, Seth Levine, '40, and Allan Schorch, '38, defeated a Wellesley team in a debate held in Shakespeare Hall, Wellesley College, yesterday afternoon.

Technology, fresh from consecutive victories over Harvard and Lafayette, defended specialized educations to those consisting principally of liberal arts studies. They showed that a student who graduates from college after completing a specialized curriculum has a much better chance of intellectual and financial success than he who completes a non-specialized course of study.

To Debate Sunday

The Institute Debating Society, represented by Brooke Hindle, '40, Samuel Amansky, '40, and Martin Ernst, '41, will meet the Norfolk Prison Colony Debating Team Sunday at the prison colony on the question of the neutrality policy of the United States. Varsity age and scholastic requirements have been suspended by the Beaver team, allowing a freshman to compete, since there are no such requirements at the Norfolk institution.

Thursday will find the student diplomats leaving Cambridge for Amherst, where they will compete in the Model League of Nations, representing Italy. Technology promises to present some quite unusual proposals at the convention which will continue for the weekend.

Mt. Holyoke to Follow

Winding up a week of concentrated activity for the Debating Society, Divo Tonti, '40, and Russell T. Werby, '40, will be host to a team from Mt. Holyoke in a debate on social sciences to be held at Technology a week from today. All visitors are welcome to attend the discussion, which is to be held in the Oregon style of cross-examination, with the maidens from the mount.

Feeble Fires Fizzle During Dormitory Din

Welcoming approaching Spring with a bang, the dormitory residents last night held the most extensive celebration so far this season. About ten o'clock a resounding explosion opened the festivities followed at frequent intervals over two hours by lesser explosions. A verbal exchange across the dormitory court was followed by a paper and water barrage. In addition to note-paper and newspaper torn up as confetti, paper provided by the Institute as a relief measure was made into long streamers.

A further display was arranged by a group on top of the Walcott-Bemis-Goodale block who dropped lighted paper down at those leaning out windows below. Shortly before eleven nine bonfires were burning simultaneously, both on the ground and streamers in the air. Bugle calls and spotlights from the west group of dormitories encouraged the revelers. Attempts to enter an antiquated car in the activities failed when the owner appeared to rescue it. Soon after twelve on-lookers dispersed realizing that studies and a paper shortage awaited them.

Corporation Selects Life Term Members

Rentschler New Life Member; Deeds to Fill His Term

The election of a new life and a new term member to the Corporation was announced yesterday.

Gordon S. Rentschler, president of the National City Bank of New York, and a term member of the corporation since January, 1937, was nominated to a life membership. To fill Mr. Rentschler's unexpired term, Colonel Edward A. Deeds, president of the National Cash Register Company, of Dayton, Ohio, was made a term member. Mr. Rentschler, a native of Ohio, graduated from Princeton in 1907 and is a life member of its Board of Trustees. He is a director of the All-American Cables, the City Bank Farmers Trust Company, Postal Telegraph and Cable Company, International Banking Corporation, the General Milling Corporation, the Home Insurance Company, the Federal Insurance Company and many other corporations.

Colonel Deeds, a member of Beta Theta Pi fraternity, is president of the Niles Bement Pond Company, the Shepard Niles Crane and Hoist Corporation, the General Sugar Corporation and the Miami Conservancy District.

Freshman Council

(Continued from page 1)

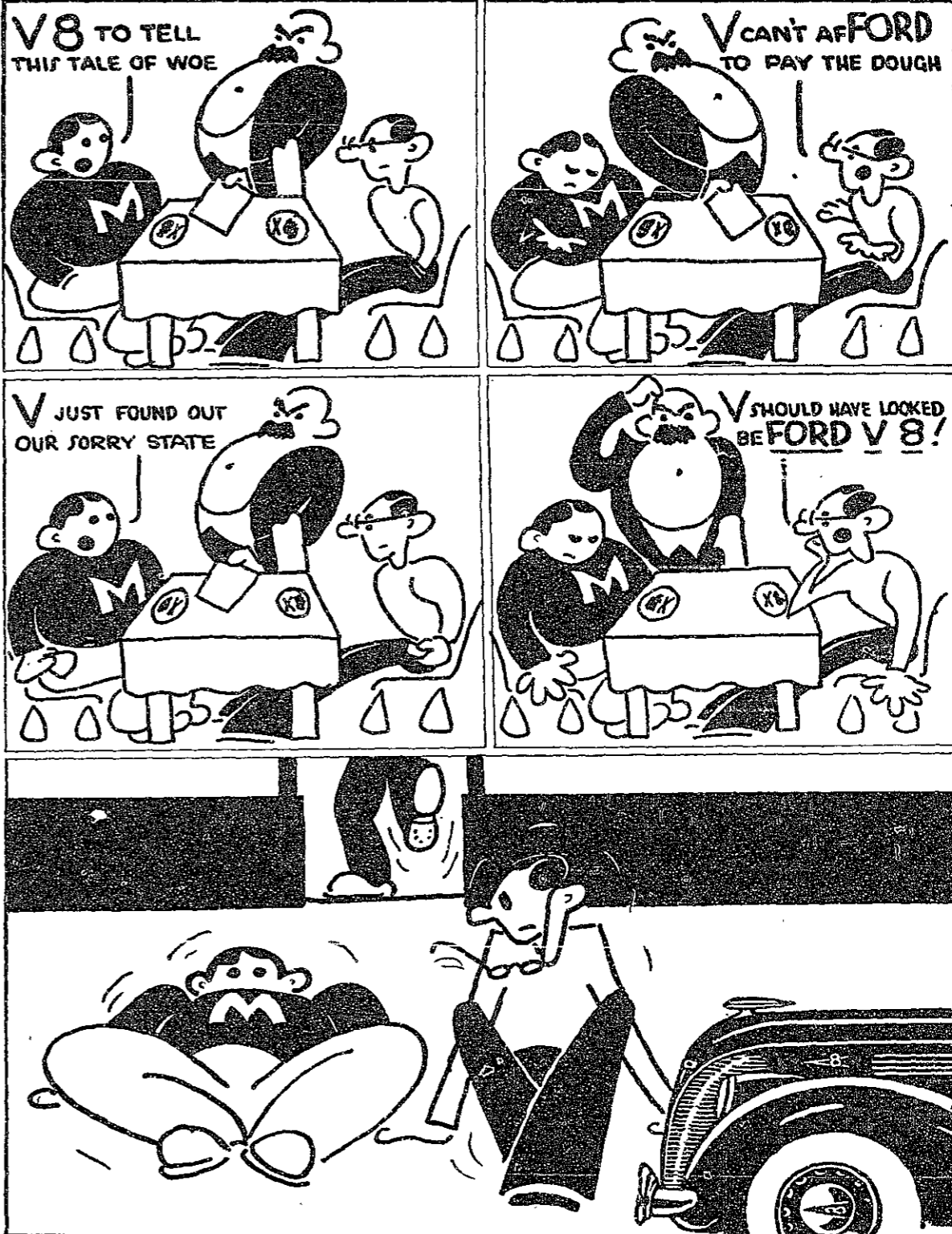
A. Regan, Johan M. Anderson, Bruce Beard, Warren J. Myers, Robert S. Wells, and Robert M. Alfred; nominees for Secretary were Arnold S. Mengel, Warren J. Myers, and Robert S. Wells.



Learn the Big Apple, Westchester, Rhumba, Tango, etc., at **PAPARONE STUDIOS**
 Private Lessons Daily. Given by Expert Lady Instructors
 Classes every Tuesday and Thursday—8:30-11:00
 1088 Boylston St.—at Mass. Ave. Tel. Com. 8071

FLY WITH WIGGINS AIRWAYS

At Two Conveniently-Located Airports
MODERN PLANES—VETERAN INSTRUCTORS
 Municipal Airport East Boston
 Metropolitan Airport Norwood Canton 0210



By MAX HODGE, '39, Michigan Gargoyle

USED CARS

BEST VALUES IN BOSTON
AUTHORIZED FORD SERVICE

"A Complete Service Including a Well Stocked Parts Department All Under One Roof"

Modern Scientific Testing Equipment
LALIME & PARTRIDGE, INC.
 21 years in same location

1255 Boylston St., Boston Mass.

Ken. 2760