

PROMOTIONS ANNOUNCED; BREED, FREEMAN NAMED TO HEAD DEPARTMENTS

Prof. Woods Retires as Math. Dept. Head; Phillips Will Succeed

Hardy, Rutledge, Schumb Are
Appointed to Rank of
Full Professors

14 INSTRUCTORS RAISED

Professor Charles B. Breed of New-
tonville has been named Head of the
Department of Civil and Sanitary
Engineering, and Professor Ralph E.
Freeman, Cambridge, becomes Head
of the Department of Economics and
Social Science, President Karl T.
Compton announced last Monday.
Both Professors Breed and Freeman
assumed active charge of their de-
partments last year.

The promotion of Professor Henry
B. Phillips, Cambridge, to the post
of Acting Head of the Mathematics
Department, was also announced. He
succeeds Professor Frederick S.
Woods, who will retire next autumn
after a long and distinguished career
at the Institute, where he began
teaching in 1890. In 1930, upon the
retirement of Professor Harry W.
Tyler, Dr. Woods was appointed head
of the department, where because of
his fine human qualities and outstand-
(Continued on Page 3)

Prof. Park Resigns Position on Faculty

Will Become Professor Emeritus;
and Devote Full Time
to Lowell School

After 42 years of service to Techno-
logy, Professor Charles F. Park
will relinquish his post in the Depart-
ment of Mechanical Engineering this
year and become Professor Emeritus.
He will now devote all his attention to
the Lowell Institute School, which he
originated and has directed since its
organization in 1903.

Professor Park was graduated from
Technology in 1892, joined the staff
of the Department of Mechanical
Engineering in that year, and in 1900
was appointed an Assistant Professor.
In 1911 he became director of
the mechanical laboratories and a
year later was given the rank of full
professor.

Dr. A. Lawrence Lowell, former
president of Harvard University, is
sole trustee of the Lowell Institute,
which offers training in applied
science to industrial workers whom
Dr. Lowell has called the "line offi-
cers in the army of industry." Its
classes are held in the evening at
Technology and all members of the
staff are drawn from the M. I. T.
Faculty. From the small group which
formed the first class in 1903, the
school now has approximately 1,000
students.

STOCK CONTEST WINNERS RECEIVE AWARDS THURS.

Winners of the annual Stock Con-
test will be announced and prizes will
be awarded at the Corporation XV
dinner meeting on Thursday, April
26, in the Grill Room at 6:00 P. M.

Following the dinner, a talk will be
given by a local business man, and
a Mickey Mouse movie will be shown.
All members and associate members
of the Corporation are urged to be
present. Tickets are on sale at 50c.
This is the last dinner of the year.

POWERFUL X-RAY TUBE WILL BE EXHIBITED AT ANNUAL OPEN HOUSE

300,000 Volts Are Required for
Operation; Lead Chamber
Houses Apparatus

The most powerful X-ray tube in
this section of the country, requiring
300,000 volts to operate, will be on ex-
hibition at the Eleventh Annual Open
house of the Institute on Saturday,
May 5. The apparatus operates in a
room lined with lead one-quarter inch
thick and weighing eight tons. This
super-power tube detects flaws as
small as one-sixteenth of an inch long
at a depth of four and one-half
inches in solid steel.

When a photograph is taken, the
investigator must leave the room and
operate the controls from the outside,
observing the apparatus through a
periscope.

Great advances in the field of metal-
lurgy have been made through the use
of this machine. A complete demon-
stration of the apparatus, together
with other exhibitions of advances in
science and engineering, will be avail-
able for inspection on Open House
Day.

HOVGAARD AND JACK DECORATED BY SPAIN

Professor James R. Jack and Pro-
fessor Emeritus William Hovgaard of
the department of Naval Architecture
have been honored by the President
of the Spanish Republic with the
decoration Je la Orden del Merito
Naval, it was announced last Friday.

The decorations were awarded in
appreciation of the service rendered
by the Institute to three Spanish
naval officers who were graduated
from Technology in 1931.

T. E. N. Is Awarded First Yale Trophy

Cup Given for Notable Work
in Field of Scientific
Publications

The Tech Engineering News has
been awarded the Yale Cup for out-
standing work in the field of scientific
publications, it was announced yester-
day. The Yale Cup was established
recently by the Yale Scientific Maga-
zine to promote cooperation between
college scientific magazines through-
out the country and to improve
workmanship through competition.

This is the first time that the cup
has been awarded. According to the
regulations, the winning magazine
keeps the cup for one year, and has
its name inscribed upon it. Any pub-
lication winning the cup three times
becomes the permanent possessor of it.

Decisions are based on the scientific
merit of articles contained, the ratio
by page of advertisements, cover de-
signs, pictorial supplements, and gen-
eral make-up.

Judges for the contest were:
Charles H. Warren, Dean of Sheffield
Scientific School at Yale; C. P. Rol-
lins of the Yale University Press;
Deane Keller of the Yale School of
Fine Arts; and Alan M. Bateman,
Professor of Geology at Yale.

MUSICAL CLUBS ELECT PARKER AND ZWANZIG

Hold Spring Concert and Dance
Friday Afternoon

H. William Parker, '35, was elected
General Manager, and Otto Zwanzig,
'35, was elected Concert Manager as
the new management of the Musical
Clubs was announced at the final Sun-
day Concert a week ago.

Parker is a graduate of Keene
High School, New Hampshire, where
he participated in the musical and
scientific organizations of that school.
At the Institute he is registered in
Course VIII. He is a member of the
Baton Club, honorary Musical Clubs
society; Pi Tau Pi Sigma, and the
Dorm Dinner Club.

Zwanzig is a graduate of the Wood-
row Wilson High School of Weehaw-
(Continued on Page 4)

FOUR CLASSES ELECT OFFICERS TOMORROW IN ANNUAL BALLOTING

ANTI-WAR CONFERENCE OPPOSES R. O. T. C. AND PARTICIPATION IN WAR

Resolution Also Passed Favoring
Disarmament; Continuations
Committee Elected

Resolutions against participation in
any war which the United States may
conduct, in favor of the abolition of
the R. O. T. C. in educational insti-
tutions, and in favor of disarmament
were among those passed at the All-
Tech Anti-War Conference on Satur-
day, April 14.

A continuation committee of twelve
members was also chosen to carry out
the instructions embodied in several
of the resolutions, to conduct a poll
of the students in order to determine
their attitude toward the R. O. T. C.,
and to call similar conferences in the
future.

The resolutions were voted follow-
ing a speakers' session in the after-
noon. The first three speakers at this
session were Nathaniel Sparks, dis-
trict organizer of the Communist
Party; Colonel O. Spaulding, who de-
scribed the Army's attitude toward
war; and John D. Robinson, repre-
senting the Socialist Party.

Following a short intermission the
(Continued on Page 4)

ENGINEERING PROGRESS TOPIC OF BUSH SPEECH

Dr. Vannevar Bush, Dean of Engi-
neering, will address the C. E. Soci-
ety Symposium tomorrow on the re-
lationship between current events and
recent developments in engineering in
Room 4-270 at 4 o'clock. The title
of his discussion is "Engineering
Progress—Effect on Our Lives and
Modern Events."

This discussion is a continuation of
the series of talks given by Professor
Morris, Rogers, and Magoun.

Students Will Vote in Main Lobby and in Rogers Building

One Person to Fill Offices of
Secretary and Treasurer,
Committee Rules

ELECT 6 TO BEAVER KEY

Officers of all four undergraduate
classes will be elected tomorrow. Polls
in the main lobby will be open from
9 to 5 o'clock, and in Rogers from
1:45 to 2:15. At the same time, the
Sophomore class will choose six mem-
bers to the Beaver Key Society.

President, Vice-President, Secre-
tary-Treasurer, and two members at-
large to the Institute Committee, are
the positions to be filled in the three
lower class. The permanent Presi-
dent and Secretary of the Class of
1934 will also be determined.

This year no members will be
elected to the Executive Committee
since it has been abolished by the In-
stitute Committee. Furthermore, the
offices of secretary and treasurer
have been combined, thus one person
will be elected to fill both offices. The
Elections Committee calls attention to
the fact that the polls close at 5
o'clock instead of 5:30.

Father-Son Banquet Tickets Now on Sale

Rogers and Bush to Be Speakers
at Commuters' Dinner
This Saturday

Final plans for the Father and
Son Banquet to be held Saturday,
April 28, sponsored by the Com-
muters' 5:15 Club, have been com-
pleted and tickets for the affair are
on sale in the Main Lobby.

The main speakers for the occasion
will be Professor Robert E. Rogers,
and Vice-President Vannevar Bush.

Those in charge of the event are
hopeful that it will provide an op-
portunity for fathers to enjoy an
evening at Technology with their
sons.

The following is the program which
has been arranged:

6 P.M. Boxing, fencing, and Gym
Team Exhibitions in the
gymnasium in Walker.

7 P.M. Dinner in Main Hall,
Walker. Singing under the
direction of Mr. Weston.
Speech by Professor Robert
E. Rogers. "Technology"—
a motion picture of student
life at the Institute, which
will be introduced by Dr.
Vannevar Bush. "High Speed
Photography"—a very in-
teresting movie of Professor
Edgerton's recent research in
this field. The Stein Song.

This program is scheduled to end
at 10 o'clock.

Tickets, priced at \$2.50, include
dinner for both father and son. A
ticket for a single person may be ob-
tained for \$1.25.

The members of the committee are:
Vincent P. Cook, '35, of Newton,
chairman; Lawrence A. Stone, '35,
Roxbury; G. Elliot Robinson, '36, of
Brookton; Anton E. Hittl, '36, of
Melrose; Robert R. Wylie, '37, of
Bridgewater; and Fred Wasserman,
'37, of Newton.

NOMINATIONS

CLASS OF 1934

PERMANENT PRESIDENT

Richard Bell

PERMANENT SECRETARY

Robert C. Becker
Robert M. Becker
Joseph L. Seligman, Jr.

CLASS OF 1935

PRESIDENT

Edward J. Collins
Walter H. Stockmayer

VICE-PRESIDENT

Donald C. Gutleben
Arthur M. King, Jr.
Allan Mowatt

SECRETARY-TREASURER

Robert J. Granberg
Weldon M. Ray

INSTITUTE COMMITTEE

John P. Carey
Thonet C. Dauphine
Henry Fiske King
G. Fred Lincoln
Vinton K. Ulrich

CLASS OF 1936

PRESIDENT

Lawrence Kanters
Michael A. Kuryla
Thomas P. Nelligan
Frank Lincoln Phillips
George D. Ray

VICE-PRESIDENT

John D. Gardiner
Brenton W. Lowe
Robert K. Wead

SECRETARY-TREASURER

William Dupont
Robert E. Williams, Jr.

INSTITUTE COMMITTEE

John C. Austin
William M. Benson
Harry E. Essley
Charles Francis Kennedy
Henry C. Runkel

BEAVER KEY SOCIETY

Webster H. Francis, Jr.
John D. Gardiner
Marvin Gorham, Jr.
John R. Graham
Thomas L. Johnson, Jr.
Michael A. Kuryla
Edward L. Pratt
Scott C. Rethorst

CLASS OF 1937

PRESIDENT

Gordon C. Thomas
David E. Varner

CLASS OF 1937

PRESIDENT

Harvey F. Phipard, Jr.
Robert P. Rudy
John B. Toy
James Thomson

VICE-PRESIDENT

Dexter Gaston
Henry H. Guerke
James Newman
Robert Thorson

SECRETARY-TREASURER

H. Berkey Bishop
George Ewald
Edwin L. Hobson
Fred Wasserman

INSTITUTE COMMITTEE

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Henry C. Adams, Jr.
William Burnet
Edward V. Corea
Kenneth B. Gair
Robert E. Katz
Thomas R. Kinraide
Jack Ostrer
John M. Simpson
Roger H. Wingate



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ILL-TIMED INDIFFERENCE

THE Saturday before the recent vacation the long heralded Anti-War Conference was held at Technology. The attendance was disappointingly low as was the apparent lack of interest in the subject exhibited by the students. At no time were more than 115 of the Institute's 2600 enrollment present; and at the more important evening session for the passage of resolutions only fifty students were interested enough in taking a definite stand against war to attend.

The reason was not that the conference was given inadequate publicity and the students were ignorant of its nature; it is doubtful that the speakers lacked drawing power—one of them was the president of the nation's fifth largest university. The reason was mainly that the subject of war is of so little moment to the average student at Technology that he does not consider it worth his while to spend a Saturday afternoon or evening in a serious study of the matter. This indifference, apparent in most of our educational institutions, should be an alarming symptom. It indicates that the experience of war is so far removed from the nation's youth that it is no longer though worthy of serious consideration.

The upshot of this general apathy about the conference was that the only group of students represented was the more radical element; this was evident from the nature of many of the resolutions passed. Some were entirely impractical; others showed traces of factional dogma. It is unfortunate that so few of the potentialities of such a conference were realized, that so few suggestions of a really practical nature for ending war emerged from the conference, that so many over-idealistic, impractical ones were allowed to obscure the really possible and workable solutions.

It is laudable and simple enough to declare in favor of such panaceas as complete disarmament, and abolition of the R. O. T. C.; but it is certainly more important to show how these objectives can be realized in the light of conditions as they exist today. This more difficult part of the prescription the majority group of the conference found it more convenient either to ignore or mask with cant. The resolutions probably would not be representative of the opinion of the students of Technology as a whole, if a poll were held among them. But they were representative of the opinion of the majority of those students who gave great enough attention, and even thought, to the subject to be present at the evening session.

War is a subject that no one, especially at this time, can afford to ignore; nor is there anyone to whom it can be of no concern. Because of its nature, it is one of those things, like malaria and smallpox, which society must abolish. If we are to judge from the attendance at the conference here the radicals are the only ones who appear to have any definite program to this end. Whether or not we approve of their means, we must realize that if no other groups take more interest and develop more desirable programs then, if war is ever ended, it will have to be these radicals who do it!

—ANTI-WAR CONFERENCE—

ALADDIN'S CAVE

OPEN house has become an institution which the public of greater Boston and nearby districts expects almost as a right. The hordes of visitors who annually swamp Institute facilities attest to the interest which the exhibits arouse.

But the Combined Professional Societies and the administration would not go to the trouble and expense involved in such an undertaking merely to furnish a free show for a not too appreciative public. Whatever are the objectives which draw the visitors to the halls of the Institute, Technology has other motives.

It is the desire of the school that prospective students be given at least a glimpse of what their studies at the Institute would entail, and to show them the equipment and facilities available for their training.

Such a rare educational opportunity is rarely given to the general public and undoubtedly Open House day does much to increase the meagre store of information concerning engineering and science which most laymen possess. Perhaps it can also destroy a few of our more commonly held scientific fallacies (may it please Allah).

Finally, their trip through this modern Aladdin's cave can not fail to impress them with the essential function to the community which Technology plays in training future scientists and engineers and in furnishing facilities for research.

And may it be added that a large number of Institute students take this opportunity to examine the exhibits with as many gapes and stares of wonder as any visitor.

The Combined Professional Societies carry the direct responsibility for Open House this year as in past years. Every detail is in their province. However, it is physically impossible for the Combined Professional Societies to oversee and anticipate everything. If this Open House is to surpass previous affairs it is imperative that activities or individuals who are contemplating some action and have not yet done so, to inform the C. P. S. for their mutual benefit.

—OPEN HOUSE—

AFRAID NOT TO GO

MUCH emphasis has been placed recently on the causes of war in speeches and discussions. Arms manufacturers, propaganda, exaggerated patriotism, economic aggression, lack of equilibrium caused by diplomatic manoeuvring in international relations, have all been enumerated as basic in causes for war. One of the primary causes, which has received little attention, was pointed out by Professor C. E. Taylor, head of the Aeronautical Department, at the discussion preliminary to the Anti-war Conference. He stated that one of the direct causes is the inability of the individual to stand up against the condemnation of the majority of "patriots." It is easier to don a uniform and stand up against machine gun fire than it is to defy public opinion and endure the life-long stigma of "finger-pointing."

True as it is that most of the younger generation are ignorant of the horrors of war, they still have definite doubts in their minds as to whether fighting will be as pleasant as working for one's country in some other way. The powerful motive in driving citizens into war is the fear that they will be looked upon as traitors to their country. "My country, right or wrong" is still a deeply-ingrained prejudice for the large majority of people. Most men are not afraid to go to war; they are afraid not to go.

An analogy which illustrates the situation is the predicament faced by a member of a lynching party who decides for himself that the intended victim should not be lynched, but should be given a fair trial. How is he to voice his opinions to the group of which he is a member, without inviting contempt or even physical harm? It takes either fanaticism or moral stamina of the highest order to resist the condemnation or the ridicule of the masses.

If the center of morality is within the individual, men might rely more on their own convictions than on those of the majority. But in the present age, the center of morality is outside the individual. A youth would rather go wrong with the crowd, than right with himself.

The hope for remedying this situation lies in mass action. The prisons will hold only so many "traitors," and if those people who are against aggressive war can hold to their principles through the most difficult period of resistance, there is some hope that their sincerity will be recognized. Perhaps then the stigma of refusal to fight will disappear.

—PROF. TAYLOR'S SPEECH—

Investigation Shows Freshman Excel In High and Prep School Activities

THE TECH Reporter Catalogues T. C. A. Cards; Finds That 50% Participated in Sports, 85% in Extra-Curricular Activities; Facts Clear Misconceptions

That more than 50% of the present freshman class at Technology have had experience in sports, and more than 85% have been engaged in extra-curricular activities, in their high or prep schools, was gleaned from a recent extensive investigation of the freshman cards on file in the office of the Technology Christian Association by a representative of THE TECH. The investigation has cleared up many popular misconceptions in regard to the general character of Technology men.

On these cards freshmen who are accepted for admission designate the activities in which they have been engaged in their preparatory courses, and also the activities which they propose to enter upon arrival at Technology. The cards, filled out with registration material, contain fairly accurate information, and represent a certain amount of consideration on the part of the persons who sign them.

Misconceptions Cleared

Many of the ideas held by the uninformed concerning the Technology students were exploded when the true facts were revealed. The results of the investigation contradict the widespread notion that the high or prep school student preparing for Technology is a typical "grind". The idea that he is the type of scholarly person who does little but study incessantly, that he has no time for sports, that his extra-curricular activities, if he is engaged in any, include only those which take little time from his studies, is shown by the cards to be fallacious.

Of the 442 cards examined, 242 indicated not only enjoyment, but actual experience in some sport. That is, over 50% of the freshman class had been engaged in some sport prior to coming to the Institute. Furthermore, 378 men, representing 85% of the class, had had some experience in extra-curricular activities.

15 Sports Represented

A detailed examination of the facts set down on the cards shows that the range of experience was a wide one. At least 15 different sports are on the list. Football and track are at the head, 81 men having designated participation in each. Basketball comes next with 62 men indicating experience. Following this in order are: baseball 47, tennis 37, swimming 32, soccer 31, hockey 25, golf 13, wrestling 10, rifle shooting 9, squash 5, crew 4, boxing 4, and fencing 4.

The oft-quoted statement that Technology men are leaders in other fields besides their specialized work was strongly confirmed by the facts, which showed that they had occupied many important positions in their high or prep schools. Seventeen freshmen had been presidents of their senior classes, 10 were vice-presidents, 17 were class treasurers, and five were class secretaries.

Tech Men Are Leaders

In activities other than class politics, Technology men also acted as outstanding leaders. Fifty-nine were presidents of clubs, ranging all the way from home-room organizations to honorary societies. Twenty-three were vice-presidents of such groups, 11 were treasurer, and 13 were secretaries. Seventeen men held important positions on student councils or executive boards of secondary schools having student government. Sixteen men held other posts of importance. Twelve were editors-in-chief of their school publications.

The scholarship of men preparing for the Institute ranks high, as is to be expected. Thirty were selected to membership in the National Honor

Society for Secondary Schools, and 34 were graduated "cum laude".

It was furthermore definitely shown that Tech men are engaged to a greater extent than is ordinarily imagined, in extra-curricular activities. One hundred and twenty-nine have had experience on publications, either on the literary or business departments. One hundred and twenty-seven have had dramatic experience, in acting or in stage management. Musical instruments or clubs have claimed the attention of 112. Eighty-nine spent time in debating and public speaking of different types.

THE TECH Most Popular

Of all the Institute activities, the M. I. T. Athletic Association was the most popular among the plebes, 125 having indicated preference for it. Of the publications, THE TECH proved most attractive with 95 men expressing desire to write for it; *The Tech Engineering News* was second with 83; *Technique* had 61; while *Voo Doo* was at the bottom of the group with 57.

Among the other activities, Tech Show received 88 votes of preference; the Combined Musical Clubs 73; Technology Christian Association 60; and Dramashop 39. Only 22 signified no preference at all.

As to the more general interests of Technology men, it was noted that 149 were, at one time or another, members of the Boy Scouts, while 21 were members of the De Molay.

EDITOR'S NOTE—Due to an oversight, the above story was omitted from the last issue of THE TECH. The editorial entitled "Facts and Figures," appearing in the last issue, had reference to this article.

UNDERGRADUATE NOTICE

All men interested in the golf team should report today in front of the Walker Memorial at 3.00 P.M. for transportation to the Oakley Country Club. They are to be prepared to play 18 hole qualifying round for team selection.

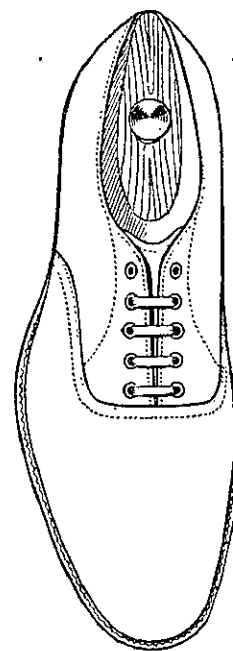
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TECHNOLOGY BRANCH
 Harvard Cooperative Society

Sophomores Meet Juniors in First Interclass Game

Freshmen Show Much Interest With Largest Turnout of Players

GRADUATES TO HAVE TEAM

With the Juniors meeting the Sophomores, class baseball at Technology for the 1934 season will get under way today. These two teams were the strongest in the league last year, and are expected to put on a good battle this afternoon.

Estes Organizes Graduates

Tomorrow the freshmen will take on the Seniors in the second scheduled contest. The freshmen, managed by Ezriel Postofsky, have had the best turnouts of any of the classes at their practice sessions. Over twenty-five attended the first practice and there were more than two full teams at yesterday's session. The Seniors, while not getting such large turnouts, are supporting their team better this spring than they did in 1933, as evidenced by the increased numbers attending practices.

An added feature this year is the entrance of a graduate student team in the league. Through the efforts of Mr. J. G. Estes, instructor in the mathematics department at the Institute, such a team has been organized and will play its first contest on Thursday.

The schedule calls for one game for each undergraduate team with the graduates, but for two contests between the various undergraduate outfits. This situation has been brought about by the shortness of the playing season. Because of the fact that the graduates are not in line for awards in case they should lead the league, it has been decided that the highest undergraduate team in the standings at the end of the season will be awarded numerals. Despite this decision, the games played with the graduates will be counted in the final standing.

Games will be played in the class league on every day of the week except Saturday and Sunday, beginning today, as the schedule printed elsewhere on this page shows. Contests postponed on account of rain will be played off at the end of the season.

Crews Face Yale, Cornell Saturday

Varsity Boats Remain Intact; Freshmen Oppose Brown and Nichols

Technology crews will open their 1934 season this Saturday when the varsity and 150 pound varsity crews go to Lake Quinsigamond in Worcester to race against Yale and Cornell, while the Freshman heavy and lightweight boats compete against Brown and Nichols on the Charles. In the varsity event only Yale and Tech will race but all three schools will be represented in the lightweight event. The varsity boat which has remained intact since last fall is now in fine shape and Coach Haines feels confident of its ability. Although there are only four veterans in the boat, all of the men have had some actual experience. Ed Loewenstein, the number five man, has a bad case of poison ivy, but it is expected that he will be able to row.

The 150 pound varsity crew, with the exception of Rothen, who rows at five, is a veteran group. They made a good record last year and hope to go through this season without a defeat. If they make a good showing they intend to race in the American Henley this spring.

Haines Breaks Up Two Boats

Although he wanted to keep the boats intact, Coach Haines found it necessary to break up the junior varsity and the Sophomore heavy crews to form a good J. V. boat. In the words of Coach Haines, "I would like to keep these crews separate, but it is my duty to produce the best possible junior varsity crew." Although they do not row this Saturday, the present J. V. boat is having a strenuous workout in preparation for their first race which is against Princeton on May 5. The seating is as follows: Bow, Daley; 2, Willcow; 3, Brooks; 4, Whittemore; 5, Briggs; 6, Bixby; 7, Olsen; Stroke, Johnson; and Coxswain, Stein.

Manager Announces Golf Team Schedule

The manager of the golf team has announced the following schedule for this season:

- April 25—Tufts at Oakley C. C.
- " 28—Worcester Tech at Waltham C. C.
- May 1—Bowdoin at Oakley C. C.
- " 5—Holy Cross at Worcester C. C.
- " 8—B. U. at Oakley C. C.
- " 10—Providence College at Oakley C. C.
- " 14—Amherst at Amherst C. C.
- " 17—B. C. at Oakley C. C.

Gymnasts Fail to Regain N. E. Title

Captain Wise and Van Ham Sole Engineer Scorers as Springfield Wins

Led by Captain Wally Wise, the Technology Gym team copped third place in the New England Senior Championship meet held last Saturday night at the Arbeiter Turnverein in Boston. The Engineers were defending the title they won a year ago.

Springfield won the title easily, piling up a score of 81 points while Dartmouth was second with 56 points. The other leaders were M. I. T. 28, Arbeiter Turnverein 22, Lynn English High 22, and Fall River Boys' Club 20.

Captain Wise took first place in the parallel bars, while Ernest Van Ham took a third in the rings. In the Junior Competition, both Wise and Van Ham took first places in their event. The other Engineers entered were Morrissette, Needham, and Dunlap.

PROF. WOODS RETIRES; PROMOTIONS ANNOUNCED

(Continued from Page 1)
ing ability as a teacher he has been held in the highest esteem. Professor Woods will continue to devote part of his time to Technology as an honorary lecturer.

Prof. Breed Is Noted Engineer

Professor Breed is nationally known for his achievements in railroad and highway engineering and as a consulting engineer for state commissions on public utility projects. A native of Lynn, he was graduated from Technology in 1897 and joined the staff of the Civil Engineering Department the following year. He was appointed to full professorship in 1914.

Professor Freeman came to the Institute in 1931 as Associate Professor of Economics. He is a graduate of McMaster University in Canada in the class of 1914. As a Rhodes scholar, he carried on graduate studies at Balliol College, Oxford, and for two years was a Fellow at the University of Chicago. For six years he was Head of the Department of Economics and Political Science at the University of Western Ontario.

Dr. Phillips, who has been a member of the Technology staff since 1907, is widely known as an author and teacher of mathematical subjects. He was graduated from Erskine College in 1900 and in 1905 was awarded his doctorate by Johns Hopkins University.

Interclass Baseball Schedule for 1934

- April 24—1935 vs. 1936.
- " 25—1934 vs. 1937.
- " 26—1935 vs. Grads.
- " 27—1936 vs. 1934.
- " 30—1937 vs. 1935.
- May 1—1934 vs. Grads.
- " 2—1937 vs. 1936.
- " 3—1935 vs. 1934.
- " 4—1936 vs. Grads.
- " 7—1935 vs. 1937.
- " 8—1934 vs. 1936.
- " 9—Open.
- " 10—1937 vs. Grads.
- " 11—1934 vs. 1935.
- " 14—1937 vs. 1934.
- " 15—1936 vs. 1935.
- " 16—Open.
- " 17—1936 vs. 1937.

SPORTS COMMENT

Recently there was printed in this column a statement to the effect that last year's baseball manager had apparently been negligent and had not passed in any report of the season's doings. In justice to him it should be said that his report was turned in but was misplaced at the A. A. office. The document was recently found and placed in its proper place in the files. At the same time it was also discovered that the 1933 intramural baseball champions, the members of the Class of '36 team, had been awarded their numerals, but that the awards had not been made until the beginning of the 1933-34 school year in September.

Because of the lateness of the awardings, and because baseball was then out of season the shingles were tucked away at the bottom of some drawer in the A. A. office and forgotten. When the subject was brought up not long ago, subsequent rummaging in the drawer brought to light the shingles. They were handed over to the baseball manager, who in turn handed them over to their owners at the recent baseball rally. Thus the whole matter was cleared up to the satisfaction of all concerned.

Inquiries into the possibilities of forming a baseball team to represent Tech, at least unofficially, have brought forth the reply that such a move is perfectly all right but that no financial assistance nor official recognition can be given the organization. If sufficient interest is aroused and the class games draw good turnouts, it is possible that such an unofficial team might be formed for it is not yet too late to get games with nearby college junior varsity teams. In the absence of an official coach, Mr. Estes of the Math department, who has already showed his interest by banding together a team of graduate students, might act in this capacity.

INSTITUTE RECEIVES GIFT OF 300 BOOKS

Atkinson Collection Includes Books on Economics

A gift of 300 books from the collection of the late Edward Atkinson has been presented by members of his family to the library of the department of economics and social science of the Massachusetts Institute of Technology, it was announced at the Institute today. The collection includes works in the general field of economics, economic theory, history, labor problems, and statistics.

Mr. Atkinson, who died in 1905, was a member of the Institute's Corporation from 1865 to 1890, during which time he served on numerous committees and did much to secure funds and property for the school.

He is the author of more than 20 books and scientific papers on various aspects of mathematics.

Dr. Compton also announced the promotion to full professorship of Arthur C. Hardy of Wellesley, Department of Physics; Dr. George Rutledge, Belmont, Department of Mathematics; and Dr. Walter C. Schumb, East Milton, Department of Chemistry.

Promotions to the rank of associate professor include Jesse Douglas, Cambridge; and Raymond D. Douglass, Belmont, of the department of mathematics; Robert F. Elder, Newton Centre; and Wyman P. Fiske, Waban, of the Department of Business and Engineering Administration; Richard D. Fay, Cambridge, of the Department of Electrical Engineering; Philip M. Morse, Cambridge; and Bertram E. Warren, Waltham, of the Department of Physics; Avery A. Morton, Watertown, of the Department of Chemistry; Edward R. Schwarz, Melrose Highlands, of the Department of Mechanical Engineering; and Thomas K. Sherwood, Wellesley, of the Department of Chemical Engineering.

Promotions from instructor to the rank of assistant professor include William P. Allis, Cambridge; and John C. G. Wulff, Cambridge, of the Department of Physics; Avery A. Ashdown, Cambridge; Gerhard Dietrichson, Belmont; Stephen G. Simpson, Watertown; and Ralph C. Young, Arlington, of the Department of Chemistry; Herbert L. Beckwith, Boston, Department of Architecture; Charles H. Blake, Cambridge, of the Department of Biology and Public Health; Carl Bridenbaugh, Cambridge, and Frederick G. Fassett, Jr., Cambridge, of the Department of English and History; Charles H. R. Mabie, Jamaica Plain, Drawing; Samuel H. Caldwell, Belmont, of the Department of Electrical Engineering; John D. Mitsch, Roslindale; and John B. Wilbur, Belmont, of the Department of Civil and Sanitary Engineering.

A. E. S. MEMBERS MAKE 275 GLIDER FLIGHTS IN TRIALS AT CAPE COD

Erskine Kelly Establishes Mark by Staying Aloft 98 Seconds

Two hundred seventy glider flights were made by members of the Aeronautical Engineering Society who made the annual spring vacation trip to Cape Cod Airport last week. The longest flight was made by Erskine R. Kelly, '34, treasurer of the Society, who stayed aloft 98 seconds.

Four members of the group, who had previous training, passed the tests for their "B" license. They were Richard K. Koegler, '36; Julius B. Schliemann, '36; Leon Wallerstein, Jr., '34; and Erskine R. Kelly, '34.

Use Auto-Tow Method

All launchings were made by the auto-tow method, with James B. Kendrick, '34, president of the Society, driving the tow-car. Instruction was supervised by Lieutenant Harris, Technology's meteorology pilot, and Dr. Karl O. Lange. Use of the airport and sleeping quarters was donated by Mr. Zenas Crocker, Jr., '13, who recently presented the Society with two new gliders.

Members of the club making the trip were: Benjamin Badnock; Raymond W. Bliss, Jr., '37; Norman Copeland, '36; Harry M. Gallay, '35; George D. Gibson, '34; Erskine R. Kelly, '34; James B. Kendrick, '34; Richard K. Koegler, '36; John A. Myers, '36; Brooks S. Morgan, '35; George D. Ray, '36; Henry C. Runkel, '36; Julius B. Schliemann, '36; Dorian Shainin, '36; and Leon Wallerstein, Jr., '34.

Golf Men Start Season Tomorrow

Coach Cowan Expects Good Year After Winter of Cage Practice

The Varsity Golf team will officially open its season Wednesday against Tufts at the Oakley Country Club in Watertown. Qualification rounds will be held this afternoon at the Oakley course; all men interested are invited to attend. Coach Jack Cowan, professional at Oakley, is sure of an excellent season with several of his men averaging under 80 for 18 holes.

Indoor cage practice was tried as an experiment during the winter in the basement of Building 2. If the value of the winter sessions is shown by the match results this season, the cage practice will be continued next winter.

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- EUROPA . . . June 19 and July 8
- Hamburg . June 21 Albert Ballin, June 28
- New York . July 4 Deutschland, July 12
- Berlin . . . June 16 St. Louis . . June 23
- Millwaukee, June 30 Steuben . . . July 5

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CALENDAR

Wednesday, April 25

9:00-5:00—Elections for Class Officers, Main Lobby and Rogers Building.
 5:00—Christian Science Club Meeting, Electrical Seminar Room, Building 10.
 6:00—Graduate Hall Dinner, North Hall, Walker Memorial.
 6:15—Open House Committee Dinner, Faculty Dining Room, Walker Memorial.
 6:30—Society of Industrial Engineers Dinner, Grill Room, Walker Memorial.

Thursday, April 26

2:00—Mathematical Seminar, Room 2-146.
 5:00—Institute Committee Meeting, Silver Room, Walker Memorial.
 5:10—Department of Humanities Dinner, Faculty Dining Room, Walker Memorial.
 6:15-9:00—Inter-Fraternity Conference Dinner, North Hall, Walker Memorial.
 6:30-8:30—Corporation XV Dinner Meeting, Grill Room, Walker Memorial.
 6:30—Chi Epsilon Dinner, Silver Room, Walker Memorial.

ANTI-WAR CONFERENCE ADOPTS RESOLUTIONS

(Continued from Page 1)

conference heard Dr. Daniel L. Marsh, president of Boston University; Sidney Katz, member of the executive committee of the National Student League; and Professor Harry W. L. Dana, lecturer.

A dinner and discussion was then held in Walker, after which the conference adjourned to Room 10-250, where the resolutions were voted upon. Dudley A. Williams, '35, was chairman of the meeting.

The conference voted to affiliate with the American League Against War and Fascism, and also resolved to ally itself with the working class "in the struggle against international war and fascism." In addition, the conference voted to send letters to the presidents of three universities where students had been expelled for anti-R. O. T. C. activity, asking for the reinstatement of those students.

A resolution that the manufacture of armaments and munitions be taken out of private hands was passed by a 7-1 majority. The conference resolved that "American citizens who travel or make investments abroad should be considered as doing so at their own risk and as having no right to demand that the American government protect them to such an extent that it might involve this country in war." It was also resolved that during war times American ships and citizens traveling in war zones should be considered as doing so at their own risk.

A resolution calling for a continuations committee was adopted and the following were elected to the committee: Priscilla Bunker, '35; Joseph Dauber, '34; Milton Dobrin, '36; Esther Garber, '37; Douglass Hawks, Jr., '36; Leroy Hutchinson, '37; Robert Katz, '37; Robert Kenngott, '34; Joseph Lempert, '35; Haskell Norman, '36; Deborah Rubenstein, '34; and Dudley Williams, '35.

CHEMICAL SOCIETY PLANS TOUR TODAY

Will Visit Largest Tannery in This Country

A tour to the A. C. Lawrence Leather Company, in Peabody, Mass., the largest tannery in the country, will be conducted today by the Chemical Society. The party, for which transportation has been provided, will start from the Main Lobby at one o'clock.

Those who wish to take this opportunity of reviewing the important processes of the leather industry, including patent leather, chrome, and extract tanning, are requested to sign-up for the trip at the desk opposite the Bursar's office. It is advisable, the tour manager suggests, that members of the party wear rubbers on the trip.

Mr. Kenneth E. Bell, '17, of Course X, and the director of technical research at the A. C. Lawrence Leather Company, will give an illustrated speech at a meeting of the Chemical Society in the Moore Room in Building 6 this evening. His subject is "Leather, a Challenge to Chemist and Chemical Engineer." He will illustrate his talk with lantern slides, motion pictures, and a micro-projector. A discussion will be held after the speech, and there will be smokes and refreshments.

UNDERGRADUATE NOTICE

The United Student Movement of Boston will hold a conference on Sunday, April 29, at the Phillips Brooks House to which the Technology Christian Association has been invited to send ten delegates. Students who are interested in attending the conference may sign up at the T. C. A.

Technique Hut Is Repaired For Great Rush This Year

Grease will fly thick and fast on Saturday afternoon, May 5, as the students again enter the "free for all" in competition for the ten books offered in the traditional TECHNIQUE rush. It has been thought that the rush would not be held, since the wooden hut, which was used in last year's fight, was demolished. However, the hut will be rebuilt and the annual fracas will go on, it was announced yesterday by Don Lister, General Manager of TECHNIQUE.

Wooden paddles will be issued from the lubricated hut, about which the melee will take place. Will Grosser, Publicity Manager of the TECHNIQUE, will be in charge of the rush.

MUSICAL CLUBS ELECT PARKER AND ZWANZIG

(Continued from Page 1)

ken, N. J. He is registered in Course VI-A, and is a member of Tau Beta Pi, Hexalpha, and Baton Club.

The newly-elected Junior Board comprises William Cresswell, personnel manager; Frederic Kingsley, business manager; William Nichols, treasurer; Roman Ortynsky, Publicity manager; and Stanley B. Smith, stage manager.

Spring Concert Comes Friday

This coming Friday, Walker Memorial will be the scene of the annual Spring Concert and Dance. A varied program has been prepared by the Combined Clubs. This concert will mark the final appearance of the popular soloist, Merton Neill, '34. Arthur Conn, '34, and John Haines, G, the leader of the Banjo Club, will also

make their final appearance when they will present a banjo duet.

The concert is the first to be given under the direction of the newly installed management. The concert will begin at 8:30 and the dancing will continue until 2:00 A. M. with music by Walter Collins and his Boston City Club Orchestra. The occasion is to be formal and the price of admission has been set at \$1.75 a couple. Tickets are on sale this week in the Main Lobby.

The matrons for the Spring Concert and Dance are Mrs. Karl T. Compton, Mrs. William T. Hall, Mrs. Leicester F. Hamilton, and Mrs. James R. Jack.

This concert is the last one to be presented by the Combined Clubs at the Institute. The Clubs, however, will make two other appearances before the end of the year. On April 28th, they will broadcast at 4:30 from WBZ over the blue network of the N. B. C., and on May 4th, they will travel to Lexington where they will present a concert under the auspices of the Parent-Teachers Association of that city.

UNDERGRADUATE NOTICE

Two hundred books will be available at the T. C. A. office at prices of one-fourth to one-sixth of their original cost, to dispose of those books which have been left there for over a year. The sale will continue for about two weeks, at the end of which time those remaining will be given to various societies to be disposed of.

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