

## Prenatal Care Movies Shown For Students

**Dr. J. C. Janney Will Hold Question And Answer Period In 1-190 ROOM 10-250 FILLED**

Vividly emphasizing the necessity for knowledge of methods in prenatal care, moving pictures shown before capacity audiences at both sessions in Room 10-250 yesterday afternoon took the place of the sixth lecture in the weekly marriage series.

Dr. James C. Janney, renowned gynecologist, will conduct the regular question and answer period on the subject of prenatal care. The discussion period is to be held at 5 P.M. in Room 1-190 instead of Room 6-120, where past discussions have been staged.

**Sponsored By Welfare Committee**  
The movie, sponsored by the American Committee on Maternal Welfare, was preceded by a short introductory talk by Professor Magoun, of the Humanities department.

He pointed out, "There are several schools of opinion concerning this subject. One school, with ages of antiquity behind it, contends that respectable people do not talk of the matter. This school must be respected for its reverence. Then there is the gutter school, which I dismiss with no sympathy. Lying in the middle road is the school favored by President Compton, Dr. Janney, and most prominent educators. This school holds that if you approach any subject with the

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Movies

## Outing Club Men Take Hiking Trip

**Huntington Ravine Ascended Business Meeting Held Wednesday**

A party of hiking enthusiasts sponsored by the M.I.T. Outing Club took an experimental hiking trip in the White Mountains last weekend. This group, led by Professor Dean Peabody, of the department of Civil Engineering, and Albert A. Sargent, '39, scaled the headwall of Huntington Ravine on Mt. Washington.

The men were equipped with crampons, ice axes, and skis. They stayed in the Rocky Gulch hut of the Appalachian Mountain Club.

**Business Meeting**  
A general business meeting of the Outing Club was held on Wednesday, March 29. Plans for the rest of the Spring and next year were discussed. Ski movies of Hannes Schneider were shown to members of the club.

## Giant Propeller Testing Tunnel Nears Completion; Only Three Others In World

England, Germany, and Washington, D. C., are the only other localities to boast of a similar piece of apparatus like that now nearing completion in Building 3.

The latest addition to the Institute's major plant equipment is a giant propeller testing tunnel, upon which construction has been going on since last summer under the supervision of Professor Frank M. Lewis of the department of Naval Architecture.

**Small Propellers to Be Tested**  
The plans for the apparatus, as originated and drawn up by Professor Lewis, provide for study of small marine propellers by simulating to

## Albert E. Hayes, Jr. '42, Crowned New Champion Of Intercollegiate Goldfish Swallowers Yesterday

Albert E. Hayes, Jr., '42, gulper of fish—42—last night claimed the new world's record for piscine deglutition in the name of the Massachusetts Institute of Technology.

Hayes broke the record of 36, established yesterday afternoon by a Northeastern student when he swallowed his 37th at 6:58 P.M. in the 5:15 Club room. He then went on to completely swamp any would-be competitors by swallowing a total of 42, his class numeral.

Began at 6:11 P.M.

The connoisseur of piscatorial tidbits began eating at 6:11 P.M. The first few fish went down rather easily—with the aid of dashes of salt. After about the first ten, Hayes had more trouble, and resorted to copious drinks of his chocolate soda chaser. Every ten that went down received a bounteous applause from the audience and on the tying and winning swallows, Hayes brought down the house.

Difficulty was first experienced in swallowing the eighth fish, and after the ninth and tenth fish he was forced to drink "chasers." The fifteenth and twentieth managed to slip from be-

Champ Fish Gulper



Albert E. Hayes, Jr., '42, and fish

tween Hayes' bridgework, and it took two tries to put them down.

After the twentieth Hayes resorted to gravity to aid him in downing the

slimy fellows. He would tilt his head back, open his face as wide as it would go, and drop in the lively goldfish. For perhaps ten seconds his body would seem to relax. There would then be violent vasculations of the Adam's apple, followed by contortions of the esophagus. A burp might or might not come after the oscillations.

Forty minutes after the beginning of the championship contest, the thirty-sixth and tying mouthful went down. It was followed in three minutes by the winning gulp, although the excitement of the moment nearly made Hayes undo all his work.

### Displays Lack of Feeling

From this point on, the new Intercollegiate Goldfish Swallowing Champion displayed an utter lack of gastronomic feeling, tossing down gold-finned creatures with abandon. He was fed the forty-first fish by the president of the Class of 1941, John B. Murdock, who nearly ate one himself, until stopped by the champion. The forty-second and last was dropped in Hayes' mouth by Miss Ida Rovno, '39.

The newly crowned champion's sole comment was, "I'm trying out for Hobby-Lobby."

## Naval Expansion Is Featured At Town Hall Talk

**Army And Navy Officers Present Argument For Armaments**

A bigger and better navy was the keynote of the second meeting of the Technology Town Hall last Tuesday at 5 P.M. in Room 10-250. The meeting was sponsored by the Technology Peace Federation.

Brigadier General Edmund L. Daley of the United States Army, and Lieutenant-Commander Rush H. Hoag of the United States Naval Reserve discussed the position of the United States in the present armament race. Both speakers emphasized the need for a big and modern navy, especially for the protection of New England since it is closest to Europe.

### Capital Ships Important

Commander Hoag considered capital ships the most important single factor in the navy. He was skeptical about the value of submarines because they had not lived up to expectations in the World War. Also he did not consider airplanes a very serious threat. Commander Hoag was very enthusiastic about the results of the target practice in the recent war games, when targets 50 feet high and 100 feet long

(Continued on Page 4)

Town Hall

## Heraclio Alfaro To Give Talk In Spanish Tuesday

Mr. Heraclio Alfaro, president of Aircraft and Engine Development, Inc., will address the Spanish Language Group Tuesday, April 4, in the Eastman Lecture Hall at 5:00 P.M.

Mr. Alfaro, who has designed and built several types of airplanes both in Spain and in this country, is to speak on "The Status of Aeronautical Progress in the United States." The talk will be in Spanish. Members of the Faculty and students have been invited to attend.

The development of a barrel engine has occupied Mr. Alfaro's time during the past few years. The tests on the engine have been conducted in Technology laboratories.

## Hobbyists Initiate Ten Journeymen

Charter members of the Hobby Shop Guild celebrated the first year of its existence at a dinner in the Dutch room of the Graduate House by initiating ten new members into the inner circle, last Tuesday.

Twenty-five guests attended the dinner, including five professors who are members of the museum committee, which supervises the Hobby Shop.

The members of the guild assembled in the Dutch Room at five o'clock to start initiation proceedings, the main feature being the ball and matchstick model building contest.

### Barnyard Scene Made

Each of the initiates was given limitless access to a box of small wooden balls, perforated with holes to

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Hobby Shop

## More Goldfish Gulping At Institute Reported

Goldfish swallowing showed signs of becoming an Institute epidemic as students attempted to break the record established by Albert E. Hayes, Jr., '42.

An unsubstantiated report has it that a Junior Dormitory resident consumed 54 fish late last night. The identity of the alleged gulper could not be ascertained at press time, nor could eyewitnesses of the feat be found.

## Two Fraternities Already Entered In 5:15 Contest

**Hurdy-Gurdy, "Skin Games", Included In Carnival Exhibitions**

Two Technology fraternities have already announced their intention of entering "Rube" Goldberg machines in the contest to be held at the All-Tech Carnival, April 29. The fraternity men are guarding their machines with their very lives, and have refused to allow any reporters to interview the secret apparatus.

Reports received last night indicate that the Institute co-eds are planning to enter a cosmetic-applying machine. Whether or not they have devised a machine to remove make-up was not stated.

### Hurdy-Gurdy Attraction

A novel attraction of the evening will be a hurdy-gurdy, in full Italian regalia, to furnish dancing. Students adept at Italian folk dances are invited to perform for the audience.

A group of ten girls from a local college will not only be on hand to act as ushers and guides, but will also help the boys manage the exhibits.

(Continued on Page 3)

Carnival

## I. F. C. Dance Options Sold In Two Days

**Dorms Circulate Petition For Extra Options To Party**

### DORSEY PLAYS

Snapping up all available options in less than two days after the sale opened, about five hundred fraternity and dormitory men have made reservations for the annual Interfraternity Conference Party to be held in the Imperial Ballroom of the Hotel Statler on Friday evening, April 28.

Because of the limited number of options placed on sale to the dormitory men, requests signed by dormitory men and commuters were sent to the committee in charge asking for fifty more options. In order to maintain pleasant dancing conditions, the committee has decided not to issue any more options, declaring the sale is officially closed.

### Dorsey Name Speeds Sales

The speed of the sales was attributed to the fact that Tommy Dorsey has been obtained to furnish the music for the dance. In addition to Dorsey's band, and Edythe Wright and Jack Leonard on the vocals, the Andrews sisters, unique song stylists, will appear to entertain the guests between numbers.

The committees for the dance are headed by Harold R. Seykota, '39, as general chairman. Henry C. Anderson '40, chairman, is being assisted by Seykota in making arrangements for the music. The sales committee headed by Peter M. Bernays, '39, is composed

(Continued on Page 4)

I.F.C.

## Sixteen Assigned To Pledge Duties

**Honorary Scout Fraternity Pledges New Members Last Wednesday**

At a meeting of pledges to Alpha Phi Omega, honorary scouting fraternity, in the West Lounge of Walker Memorial on Tuesday morning at eight, instructions regarding their duties were given to the new men.

### Sixteen Are Pledged

The pledges, sixteen in number, are as follows: Leslie Corsa, Jr., '41; Daniel J. Degen, '41; Richard R. Heldenfels, '42; George M. Illich, '42; Robert R. Imsande, '42; Warne P. Johnson, '42; Benjamin S. Kingsbury, '42; Harvey Kram, '42; Robert I. Kraus, '42; Frank A. McClintock, '42; Lawrence C. McEwen, '40; Richard M. Powers, '40; Daniel M. Schaeffer, '42; Wilfred H. Shaw, '42; Maurice E. Taylor, '42; and Ray O. Wyland, Jr., '42.

## "Goldfish Don't Taste Good" Says Hayes As He Recuperates From Evening Meal

By ALBERT E. HAYES, JR., '42

Some of my friends challenged me to do it. I thought it was a good joke, but after the first goldfish I decided it wasn't. And for their sake, I hope no one else at Tech attempts a goldfish-eating record.

There is not too much physical discomfort in swallowing a goldfish. It seems to stop wriggling upon entering the throat, and there is none in the stomach.

### Strain on Throat

The only immediate discomfort is a terrific strain on the throat muscles, which seems to be the limiting factor. Afterwards, though, there is a terrifically slimy taste, like a hangover, only different.

I really didn't want all this publicity when I started to eat the forty-two live fish. All that I wanted to do was to prove that a Tech man can beat anybody at their own game. If a Harvard man can down four goldfish, surely a Tech man can do him ten times better. But since I am getting it, I might as well warn everyone to stay as far away from goldfish-eating as possible. The aftermath is fishy.

### In Training for Carnival

Much as I dislike it, I am going into a period of training for the All-Tech Carnival, and hope to reclaim the record then for Tech if anyone is so foolish as to eat more than 42 goldfish at one sitting.

# The Tech

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## FREUDIAN FISH

Statistics indicate that if the rate of incidence of insanity continues at its present level, the whole blooming population of the world will be crazy in the not-too-distant future.

Occasionally people show streaks of behavior which make us believe that this not-too-distant future is already here. Such streaks as the present goldfish-swallowing epidemic.

There must be dark and hidden significances behind such bizarre outbursts of the human ego. Perhaps the decadence of the human race is so prophesied. Perhaps instead of sweeping up to a gaudy and super-human level, we are destined to spend our last days in a neurotic frenzy of flagpole-sitting and goldfish-swallowing.

Freud could find hidden meanings in very nearly anything. Would that he were alive today to give us, amused yet apprehensive as we are, some indication of what dank and gloomy abyss of the human spirit is symptomized by goldfish-swallowing. Might he not see in it a concealed urge of homo sapiens to revert to his previous idyllic existence as a mere fish among other fish, living an aqueous and blissful existence in some prehistoric sea?

And then again, it may be a mere symptom of frustration. Perhaps people, tired of seeing the country go to the dogs, would rather see it go to the fish. The fact that it is goldfish that are the victims demonstrates that finance and business are in some devious manner connected with the incidents.

Surely this series of orgies is fraught with obscure religious significance. Subconscious collegians performing subconscious sacrifices to subconscious gods in some subconscious heaven.

## MAN, THE SAVAGE

Despite the fundamental unity of aim of both science and religion, there is, not only in the minds of many people, but in the practical workings of the world a deep disharmony between the two.

When people think at all of the conflict between the two, they almost universally consider them separable and opposite.

This divergence is due to a lingering-on of out-grown fashions of religious thought. It is interesting that when man was more primitive and knew very little of the why and wherefore of the physical world in which he lived, he worshipped nearly all the forces and manifestations of nature. Man is inclined naturally to worship what he does not understand. As we have grown little by little to know more about these physical manifestations, we have gradually dropped them one by one from the list of super-

natural action; until now perhaps the only thing which we do not understand, in some degree, is the creation of matter—the origin of our universe. And so we worship that—God, the Creator.

Man must have some goal to strive for, some spiritual post to hold on to; or else his life becomes merely a dreary trudge to the grave, some years of struggles and joys, but without meaning or aim.

We are in a few ways civilized and educated enough to see things as they are. Our business is humanity, not super-humanity; and humanity cannot succeed when the motivating power of its components is not a desire to better humanity, but a desire to better themselves in a hypothetical after-life.

## CONGRATS

Tommy Dorsey and the Andrews Sisters promise to make the night of April 28 one to be remembered by many of us forever and aye.

Many of the school's large dances, in spite of big-name bands and classy hotels, turn out to be not much more than places where you sit on uncomfortable chairs or try to dance without crippling: 1—yourself, and, 2—your date.

However the I.F.C. dance committee is to be congratulated for making the attempt to turn the Statler into something more than a glorified dime-dance joint. A dance the size of the one in question deserves to be more than an opportunity to dance for four or five hours. It should be as well organized and varied a scheme of entertainment as is a good play. We hope the start this year's dance committee has made toward such an ideal is not only as good as it looks on paper, but that future dance committees will round out and enlarge the plan so well begun.

The committee is to be congratulated, not only for the originality and good taste they have shown concerning the dance itself; but for the discretion and courtesy they have displayed in making the generous allotment of tickets, which they have, to the dormitories. In previous years, one of the causes of the tinge of bad feeling between these two groups was this very same dance. The actions of this year should do much to do away with whatever remains of such regrettable animosity.

## SCIENCE IN BRIEF

by ARTHUR M. YORK, '38

### FIFTH DIMENSION

Not satisfied with four dimensions in describing physical space, which before his time was allowed only three, Professor Albert Einstein now introduces a fifth as a part of his new theory which he expects will link gravitation with electricity and bring all physical happenings under one broad concept, according to a release by Science Service in Washington. Since Euclid, man had been content to explain space in terms of height, breadth, and thickness until Einstein came along to add time to the picture and to give birth to the theory of relativity. The fifth dimension will account for the properties of the electromagnetic field which previously had not appeared in relativity. However, Professor Einstein claims that the addition to the fifth dimension in no way invalidates "the empirical four-dimensional character of physical space."

### POWERFUL TELEVISION WAVES

Latest style in television sending antennae is a curious looking cubic framework of bars and wires which send out picture-carrying waves that are polarized in a horizontal plane so as to reach distant receivers with the greatest power yet possible. The first of these antennae which has just been put into use is expected to have a range of 40 miles, or the distance to the horizon.

### DOES LIGHT SPEED CHANGE?

Successive measurements of the speed of light during several scores of years have each set a slower rate. Recent measurements by Dr. Wilmer C. Anderson of Harvard University with the most accurate method yet known reveals the slowest speed yet set for light. Is it possible that the experimental error has always been on the same side of the actual speed, or does the speed of light change with time?

### TRADE AND SCIENCE

Recent trade agreements between the United States and Brazil may pave the way for the elaborate extension of American research facilities to all American tropical countries. Agricultural research will be most prominent but there are also plans for the introduction of American meteorological and radio broadcasting methods in the lands beyond the Caribbean.

## The Reader Speaks

Editor, The Tech:

I, as a student loyal to the spirit and traditions of Institute life, emphatically deprecate the participation of a Technology student in one of the more asinine and repulsive forms of human stupidity which has recently come to light. I refer to competition for the live goldfish-eating reputation.

The exhibitionist whose hunger for publicity and lack of human dignity led him to make a public spectacle of himself claims that he did so to prove that in any field a Technology engineer is the best. If that is his contention, "he lies in his teeth", for competition in such a field of pointless and profitless endeavor can only lead to defeat at the hands of the very opponents in whose face he so cavalierly flings his challenge. Whereas he is the only exponent of goldfish-guzzling at the Institute, our rivals have many screwballs who will take up cudgels for the glory (sic) of their alma maters.

Technology students have been noted for the originality and ingenuity of their stunts, such as assembling an enemy's car in his room, or dinging to the Field Day breeze a flag of sophomore pajamas. Are our pranks to degenerate to the level of moronic insipidity characteristic of the rah-rah neuroticisms of the typical "Joe College"? Are we losing our grip? Where we were formerly originators, shall we become imitators—and in a field where victory is meaningless and defeat fraught with scorn and ridicule?

In passing, scallions to the upper-classmen who contributed to financing of this revolting and disgraceful exhibition. Whereas the actual performer of the deed was a freshman (although, of course, that was no excuse for his actions) they were older and might not unreasonably be expected to know better. Finally, I wish to point out that goldfish-guzzling is not even on the mental level of a freshman, nor indeed of a high-school boy, but is more what one would expect in a kindergarten for backward children.

R. I. BARNARD, '41



### Undesirable Minority

A campaign to make Building 7 safe for architects seems to be under way. The more-than-casual observer may have caught a glimpse of what we choose to refer to as a secret representative of the Technology gestapo guarding 77 Massachusetts Avenue against disaster from the air.

When Technology demanded Anschluss with the School of Architecture year before last and set up a new seat of government for that School last year, it was seen that a certain high terrain offered a particularly advantageous spot for a permanent air base of a distinctly foreign faction. Thus a series of sharp spikes was arranged along the new fortifications with the apparent intention of tickling the feet of the invaders as they alighted. But no. These winged white

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Lounger

## Reviews and Preview

METROPOLITAN—Yes, My Darling, with Priscilla Lane and Jeffrey Lynn, opened last night. The winsome star team of "F Daughters" scores another hit. This picture are more laughs, more thrills, more human emotion than their previous picture.—A.E.H. Jr.

LOEW'S STATE AND ORPHEUM—Honolulu, with Eleanor Powell, Bert Young, and George Burns and Gracie Allen. A new film revolves around our Pacific "paradise". The same program is Burn 'Em O'Connor, with Dennis O'Keefe and Cecilia Parker, an aviation story.

PARAMOUNT AND FENWAY—Sylvia Sydney and Leif Erikson. One Third of a Nation. Also on same program are Martha Raye and Bob Hope, "the world's great lovers", in Never Say Die, with Art Devine.

CAPITOL—Opening today is Idle Delight, the picture that charmed nation when released last month with Norma Shearer and Clark Gable in the leading roles.

BROOKLINE — Starting Sunday Jesse James, the story of America's most famous outlaw, with Tyrone Power in the title role. Also on same program is His Exciting Night. COOLIDGE CORNER—Grand Illusion voted the best film of the year, playing here after nine weeks at the Fine Arts Theater. Also Charlie Chaplin in Honolulu.

EXETER—Michael Whalen and Martha Hart in Mysterious Miss X. Also Katherine Hepburn and Joan Bennett in Little Women.

UPTOWN—Victor McLaglen and Charles Grant in Gunga Din. Also Walt Disney's Revue.

KEITH MEMORIAL — Irene Dunst and Charles Boyer in Love Affair. Also Society Smugglers.

SCOLLAY AND MODERN — Lore Young and Warner Baxter in Wife, Husband, and Friend. On the same program is Tall Spin, with Alice Faye.

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# Golfers Face Heavy Line-up

## Spring Schedule Given; Team Rally To Be Held Next Monday

A golf team rally, scheduled for Monday, April 3, at 5:00 P.M. in room 5-108, will mark the beginning of activities for the sport this year, according to Richard C. Wynne, '41, assistant manager. The purpose of the rally is to acquaint the team men with each other.

Practice for the spring tournaments will open up whenever snow is completely off the ground and when the clubs are in good shape. The team expects to put men on the driving range in the immediate future.

### Varsity Schedule Announced

The match scheduled for the Varsity team has been announced with a full list of games commencing on April 21 with the opening Tufts match and finishing up with the New England Tournament. The N.E.I.C.G.A. competition will last from May 19 to May 20 and will be played at the Oakley Country Club.

The Varsity team is faced with the problem of having only one letterman back, which leaves a big hole on the squad. But the thing that worries the team most is the lack of sufficient time for practice, so stated by Joseph C. Jeffers, '40, manager of the team.

### Game With Wellesley

Also on the schedule is an informal game with Wellesley that started out last year to become a tradition with the two schools. The form of match is somewhat unorthodox in that a Tech golfer pairs off with a Wellesley girl so that the match is a social affair more than a competition between the two.

A definite freshman game outline cannot at this time be announced because the matches have not yet been contracted for. This is due to the fact that the high school teams, with whom the freshmen play, will not make up their matches until later in the year. The golfers however, are expected to play at least two opposing teams.

### Varsity Games

- Following is a list of the games which the Varsity will play:
- April 21—Tufts College, played at Oakley Country Club.
- April 22—Boston College, Oakley Country Club.
- April 28—Amherst, Amherst.
- April 29—Williams College, Williamstown.
- May 1—Colby, Oakley Country Club.
- May 5—Worcester, Worcester.
- May 13—Wesleyan, Middletown.
- May 18—Wellesley, Wellesley.
- May 19-20—N.E.I.C.G.A., Oakley Country Club.

## Visitors From Honduras Are Shown Tech Buildings

Amazed at the size of the Institute, a group of thirteen Honduras planters and business men, expressed their astonishment while being conducted around the Institute on a tour of inspection yesterday morning.

The visitors are guests of the United Fruit Lines. They came directly to Boston on a freighter carrying a load of native bananas and will return on the same boat. While their ship is in Boston, the group will visit the various historical sights in the vicinity.

The party shown around the Institute by William Jackson of the Information office, had luncheon in Walker Memorial. Two interpreters accompanied the party.

**The First Church of Christ, Scientist**  
 Falmouth, Norway and St. Paul Sts.  
 Boston, Massachusetts  
 Sunday Services 10.45 a. m. and 7.30 p. m.;  
 Sunday School 10.45 a. m.; Wednesday evening meetings at 7.30, which include testimonies of Christian Science healing.  
 Reading Rooms — Free to the Public,  
 333 Washington St., opp. Milk St., entrance also at 24 Province St., 420 Boylston Street, Berkeley Building, 2nd Floor, 60 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.

# SHORTS ON SPORTS

HOWARD J. SAMUELS, '41

## TENNIS TEAMS LOSES BUSH

Phillip Bush, small plucky, tennis star of last year's team will not be able to play this year according to a report from the A.A. office. Bush, although listed in the class of '39 graduated officially from the Institute in February thus making him ineligible. This is a severe jolt to the tennis prospects this year as he was listed as the outstanding man returning from last year's team.

## SWIM RECORDS

Almost unknown by most students in the Institute is the fact that Tech has this year the most successful swimming team that they have had in many a year. In fact three records bit the dust before the year was over. To add to the glory of the year the team won their first two swimming meets in five years. William Shuler, '40, was the outstanding man on this year's team. He set a new Tech record in the fifty yard sprint and figured in the other two records, the 300 yard medley and the 400 yard relay. Aiding Shuler in setting the 300 yard medley record were Senior, '39, and Williams, '39. The other members of the 400 relay record team were Wheeler, McEvoy, and Martin. The times for the two records were 3 minutes and 22 seconds, and 3 minutes and 59 seconds respectively. Dave Howard and John Sexton also starred for Tech through the year when they placed one and two respectively in diving in most every meet. The frosh not to be outdone also had a very successful year when they won four out of their nine meets. They ought to help plug up the holes left by seniors on this year's team. Undoubtedly when the Tech swimming pool is installed, the caliber of the swimming teams will be greatly increased.

## BASKETBALL TRIP

Not to be outdone by the pucksters who pick up their luggage each year and make the rounds of colleges on a week trip, the members of the basketball team holding their fingers crossed pending the outcome of the projected trip to be made next year after exams. The trip is expected to take in teams in Western Massachusetts and New York State. Some of the Teams which the team hopes to include on their schedule are: Cornell, University of Buffalo, University of Rochester, Hobart, Williams, and Syracuse.

## SPRING SOCCER PRACTICE

Starting about the first of April is spring practice for the soccer team. Coach Malcolm Goldie hopes to round his high scoring team (last year's team made a Tech scoring record) into form before a planned spring game with Harvard. The soccer team will lose one of its most valuable players when Eduardo Regaldo, star centerhalf of last year, will leave Tech to enter Colorado School Of Mines. Despite the loss of Regaldo, Goldie hopes to break his goldfish record of last year. (I Mean soccer record). I wouldn't want anyone to swallow that stuff about goldfish.

## A RINGER

Forgetting about the goldfish swallowing, a story from Oscar Hedlund is almost as hard to digest. An Alumni from Tech (class of '37 to be exact), recently won fourth place in a track meet in California. This alumni used to be one of Tech star milers. This meet was between the alumni and the undergraduates of a large California University. Much to the surprise of the undergraduates this Tech alumni came very close to defeating their best. Now here comes the fishy part of the story. What was a Tech Alumnus doing, running in an Alumni Meet of a college in California? I wonder if they have goldfish out there?

## WHO IS GOING TO WIN BEAVER KEY TOURNAMENT

Now is the time for all good men to come to the aid of their fraternity houses and dorm halls, for the Beaver Key basketball tournament is entering its fastest period. The games this weekend will decide the four teams when will Round Robin it out for the championship. Who's going to win the tournament this year?—your guess is as good as mine. However the Betas, Phi Gams, Chi Phis, and the Monroe Dorm team look like the outstanding teams. However anything can happen in love, war, and basketball.

## Lounger

(Continued from Page 2)

and grey immigrants found that the spikes were the most desirable foundations for the building of their permanent establishments. They served to raise their habitations above the slush and water of the winter, and provided air conditioning in the summer.

So the secret agent was engaged as a sniper to stand below and take pot shots at the unfortunate fellows when they presented an inviting beak beyond the edge of the battlement. His weapon is not a revolver, rifle, machine gun, or heavy artillery, but sling shot. (Really) Such methods may make impression of an obviously unwelcome

and a relatively (only relatively) defenseless minority. for a Greater Technology (if we may coin a phrase), but we call it the sup-

## Carnival

(Continued from Page 1)

### Gambling Exhibits Planned

Exhibits planned for the Carnival include a "wheel of chance", a dart throwing game, and a shell game. Previous reports that a "skin game" would be included in the exhibits have been declared false by the sponsors of the Carnival.

The Carnival will start after the All Tech Sing, to be held in the Great Court, is finished. An orchestra will be engaged to provide dancing music.

## M.I.T. Stickmen To Open Season

With snow and ice finally melting away the M.I.T. stickmen will start their 1939 season on Saturday, April 1 when they will tackle the Boston Lacrosse Club on the Tech home field across Massachusetts Ave.

The Team has been practicing every afternoon under the guidance of the new coach, Bob Maddux, and is improving rapidly in stick work and speed. Many veterans, and several promising players from last year's freshman team are back on the squad. Next week the varsity team will go down to Hoboken, N. J. to meet the engineers of the Stevens Institute of Technology.

### Twenty Frosh Out

The Frosh, too, are practicing faithfully and will be ready to go out on

the field in a couple of weeks. The twenty boys on the freshman squad thought lacking experience are confident that they will make the best showing of a freshman team at Tech in several years.

The complete schedules are as follows:

Varsity		
April 1	Boston Lacrosse Club	here
April 8	Stevens	Hoboken
April 15	Univ. of New Hamp.	Durham
April 26	Harvard	here
May 1	Dartmouth	here
May 5	Williams	here
May 17	Tufts	here

  

Freshman		
April 15	Andover	Andover
April 26	Harvard	here
May 6	Tufts	Medford
May 13	Worcester	Worcester

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# CALENDAR

## FRIDAY, MARCH 31

5:00 P.M. Marriage Questions and Answers—Room 1-190.

## SUNDAY, APRIL 2

10:00 A.M. Catholic Club Breakfast—Fox and Hounds Club.  
6:30 P.M. Dorclan Meeting—West Lounge.

## MONDAY, APRIL 3

5:00 P.M. 5:15 Club Meeting—East Lounge.  
6:15 P.M. A.I.M.E. Chowder Party—Room 8-010.

## TUESDAY, APRIL 4

4:00 P.M. Debating Society Meeting—West Lounge.  
5:00 P.M. Freshman Committee Meeting—East Lounge.  
5:00 P.M. Spanish Lecture—Room 6-120.  
7:00 P.M. Orchestra Rehearsal—East Lounge.

### Catholic Club Will Hold Breakfast On April 2nd

A Communion breakfast will be held by the Technology Catholic Club next Sunday, April 2, at the Fox and Hounds Club, Beacon Street, Boston. The breakfast will begin at 10:00 A.M.

A special speaker has been secured for the affair, according to John W. Mullen, '41, secretary of the club. All Technology Catholics are cordially invited as well as members of the Catholic Club.

### Propeller

(Continued from Page 1)

a one-sixteenth inch clearance with the sides of the tube and a set of stationary vanes which take the turbulence caused by the propeller out of the water. The Gill propeller with the amazing efficiency of 85%, can pump 34,000 gallons of water per minute through the tube.

The propellers to be tested are placed in the upper horizontal arm which is enclosed in a room on the second floor of the Mechanical Engineering department in Building 3. The model propellers are attached to a shaft running through the center of the tube. The shaft is accessible by means of a removable hatch on top and can be observed under action through six glass portholes.

#### Water Specially Treated

The water in the tube must be treated to remove dissolved air, for else the "milk" produced by the propeller will obscure the view. The model propellers are rotated at varied speeds by means of a controlled motor.

A vacuum of a quarter pound per square inch can be produced inside the tube since the total pressure on the blades must be reduced to the same scale as the model propeller.

#### Ship Builders Aid Fund

Most experiments to be conducted will be to determine the effect of speed, size, vibration, and cavitation on the efficiency of marine propellers, because an increase of as little as 1% in efficiency means a saving of thousands of dollars to ship owners. Several commercial steamship lines and ship builders have contributed towards the cost of the apparatus.

To assist in observing these effects, a stroboscope will be used to stop the action of the propellers. Part of the research to be conducted with the aid of the tunnel will include the testing of airfoil and other sections of propellers under various conditions without rotation.

### Town Hall

(Continued from Page 1)

were placed beyond sight of the ships and the range directed by airplanes.

Next Tuesday at 5 P.M. in Room 10-250 the Technology Town Hall will meet again. The Thomas amendment to the neutrality act will then be discussed by Professor Theodore Smith. The proposed amendment would permit the President of the United States to lift the embargo on war materials to countries that are attacked by nations breaking treaties to which the U. S. is signatory. The second speaker has not been announced as yet.

### Movies

(Continued from Page 1)

right attitude, you will derive some value from the subject."

#### Janney Is Specialist

Dr. Janney, who will give authoritative information to any problems on this subject, is regarded as the most outstanding specialist on prenatal care in the New England district. Several other schools have followed in the footsteps of the T.C.A., who are sponsoring the lectures, by making arrangements for Dr. Janney to cover the same topic at their marriage lecture series next year.

Prenatal care plays a prominent part in marriage courses of many progressive colleges because of the drive to lower the death rate due to childbirth. Seventy-five per cent of all the deaths are the result of ignorance or neglect and the only solution to the problem is education.

#### Advocates Intelligent Discussion

The pictures brought out the various points by showing the important events in the life of a woman during pregnancy until the time of childbirth. In the action of the picture's plot, the movie advocated intelligent discussion of sex problems by parents and their children.

One of the most essential facts that most women disregard is the desirability of seeing a doctor early in pregnancy, the picture pointed out. It is much easier for a doctor to take steps to prevent complications by having a complete knowledge of the case than to cure the complications. Few women actually take the trouble to find out exactly what takes place in the process of reproduction and consequently do not understand what they should do to take the best care of themselves.

The movie brought out emphatically that both the man and the woman should undergo a complete physical examination before marriage, and that the wife should have a similar examination at the time of pregnancy.

### Slichter Will Represent Institute At Conference

Professor Louis B. Slichter, of the department of Geology, will represent Technology at the Assembly of the International Union of Geodesy and Geophysics, to be held in Washington, D. C. from September 4th to the 15th. It was announced last night.

The work in which Professor Slichter has been particularly interested is the development of a method of mapping the structure of the earth at great depths. This work is carried out by the analysis of the manner in which electrical waves and artificial earthquake waves pass through the ground.

#### University of Wisconsin Graduate

The degree of Doctor of Philosophy in mathematical physics was granted to Dr. Slichter by the University of Wisconsin. During the War, he did important research on submarine detection.

### Hobby Shop

(Continued from Page 1)

fit matches. From these materials, such models as a statue of Hitler, a barnyard scene and a dragon were constructed.

Ralph B. DeLano, Jr., '41, was proclaimed the winner. Mr. Arthur C. Watson, chairman of the Technology Museum Committee, presided at the meeting.

#### Formed Last Year

The guild was formed last year by the men who helped set up the hobby shop in the basement of Building two. Although any one may use the shop, the charter members of the guild have formed a coterie which has developed into an unofficial fraternity. They call themselves "master craftsmen," and form the nucleus of the hobby shop.

A novice desiring membership is given the title of "apprentice." After serving in this position for a number of months, he is advanced to the position of "journeyman," which is the formal initiation into the guild.

It was this ceremony that was celebrated last Tuesday when ten apprentices were made journeymen. From the position of "journeyman" a member is raised to the honorary post of "master craftsman."

#### Distinguished By Buttons

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### Mining Society Will Hold Chowder Party Monday

The Mining and Metallurgical Society will hold its annual Spring Chowder Party on Monday, April 3, at 6:15 P.M. in Room 8-010.

A joint affair of the Boston branch of the A.I.M.E. and the student organization, the party will be attended by about 90 people. Chowder, sandwiches and hot dogs are to be provided.

A meeting of the society in Room 2-390 will follow the party at about 7:15 P.M. Professor George B. Waterhouse of the department of Metallurgy will talk about his recent trip to India, where he gave a series of nine lectures on the metallurgy of iron and steel.

guild, George A. Morrell, Jr., '39, is given the title of "shop foreman".

The master craftsmen at the present time are: George A. Morrell, Jr., '39, shop foreman; Francis A. Regan, '41; Robert D. Taylor, '41; John E. Greenhalgh, '39; Martin A. Antman, '40; Bartholomew Mandel, '41; Gilman B. Andrews, '41; and Edmund B. Hammond, '40.

Those elevated to the post of journeymen were: Lloyd E. St. Jean, '42; Reginald B. Cocroft, '42; Everett R. Greenbaum, '41; Donald A. James, '42; and Ralph B. DeLano, '41; Charlotte Douglass, daughter of Prof. Raymond A. Douglass, is an honorary member of the guild, and helps in the secretarial work.

### I.F.C.

(Continued from Page 1)

of G. William Beer, '39; Newell McCuen, '41; Dudley H. Campbell, '39; James W. Barton, '39; Paul Schneider, '39; Lawrence Bernbaum, '40; and Gordon E. Holbrook, '40; David T. Morgenthaler, '40, has charge of the finance of the affair. Bascom C. Emerson, '39, chairman; Harlow J. Reed, '39; Charles F. Heaton, Jr., '39; and Robert J. Saunderson, '39, made the necessary arrangements in securing a place for the dance. Publicity is under the direction of William S. Kather, '40, chairman; George R. Weinbrenner, '41, and G. Ville R. Dunn, '39. Invitation of guests is in charge of L. Burns Magruder, Jr., '39; Will B. Jamison, '39; and Benjamin T. Howes, '39. A magazine committee is composed of Woodson Baldwin, '39, chairman; Raymond V. Ketchledge, '41; and Dudley Follansbee, '40.

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