

THE NUMBER of collections for charitable and relief organizations has been on the steady increase with the advent of peace. The dire need and unstable economic condition of a large portion of the world has moved a vast number of humanitarians to form relief organizations.

Illinois Tech has taken part in a representative number of these campaigns and has borne its load creditably most of the time. However, as "peace" moves on the need, instead of being lessened, has become more acute. We cannot, as conscientious world citizens, shrug off this need. But the time involved in making collections on campus for these many worthy groups and the frequency of these collections has caused recent ones to become less effective.

Alpha Phi Omega service fraternity has been marked, either in seriousness or in jest, as a 'begging' group due to the frequency of the collections it makes for charitable groups. The job is getting a little big even for Alpha Phi, which has handled well everything thrown at it so far.

The solution to this situation, I think, lies in the establishment of an IIT fund patterned after the Community Chest. Under such a plan a concerted collection could be made once each year—not a dime or quarter affair, but a drive for two or three dollars per student. This fund could then be distributed equitably to institutions and causes making application for drives to the school by a Charities committee set up by the ITSA.

With a large enough fund the student body of IIT could furnish aid to a large number of deserving groups. It would involve a big drive once a term to get the necessary response but with efficient organization the duplication of effort of several drives could be eliminated and one good 'haul' substituted.

We cannot forget the needs of others but with a portion from a single drive we can probably collect and do more for them than through one small drive per group.

Jubilee Ball—1947's Junior Prom—Will Be Held on April 25

This year's Junior Prom, traditionally the grandest event of Junior Week, will be in celebration of Illinois Tech's Golden Jubilee. Since the formal celebration of the Golden Jubilee in 1942 was omitted, it is being held simultaneously with the fiftieth anniversary of IIT's Alumni Association.

The Jubilee Ball is to be held on Friday, April 25, the last day of Junior Week at the Venetian Room of the Southmoor Hotel. Jim Barclay and his orchestra, will provide dance tunes from 9 until 1.

Following the newly established custom, a ticket and invitation will be given upon receipt of \$3.60 for the dance. Bids go on sale April 1 in the SU lobby.

Highlight of the evening will be the presentation of Junior Week trophies to the winners of intramural, interdepartmental and interfraternity competition. Topping all awards, Illinois Tech will crown the Man and Woman of the Year chosen by popular student ballot. Trophies and other prizes will be given the winning couple.

TECHNOLOGY NEWS

Volume 45, No. 6

ILLINOIS INSTITUTE OF TECHNOLOGY

March 25, 1947

IIT to Guide Power Conference

Scribes' Spread For IIT Writers

Nearly 100 IIT journalists and writers will attend the annual "Scribes' Spread" on Wednesday, April 2, at the Normandy House, 800 North Tower Court. This is the day preceding the four day Easter vacation.

Herb Graffis, the noted *Daily Times* columnist, will be the featured speaker at the banquet co-sponsored by *Technology News*, the Integral, and Pi Delta Epsilon, national journalism fraternity. Graffis, in addition to writing for the *Times* writes a sports column for *Esquire* magazine. He is editor of *Goldfom* magazine and managing editor of *Future* magazine. A contributor of numerous articles to *Colliers* and other magazines, Graffis is a graduate of Chicago's Lane Tech High School and Northwestern University.

Also featured at the annual banquet will be the initiation of five undergraduate students: Walter Zwierzycki, Sherwood Benson, Paul Thompson, Lester Templeton, Jr. and Herbert Sachs to Pi Delta Epsilon. Herb Graffis will be initiated as an honorary member.

Every year the writers of the Illinois Tech publications are feted at a banquet. This banquet is intended as a partial remuneration for the efforts and work of the student publications staffs. It also serves as an incentive for accomplishments in journalism at Illinois Tech.

Martin Gabriel, chairman, has requested that all persons receiving invitations reply immediately if they plan to attend.

Rho Epsilon to Found Radio Club For Students

Rho Epsilon voted to sponsor a Radio Club, the purpose of which will be to foster a practical interest in radio among IIT students.

Quarters for the Radio Club will be located adjacent to Rho Epsilon's quarters. Test equipment, cathode ray oscilloscopes, and signal generators, will be available to all members of the Radio Club to assist them in building their own apparatus.

Lloyd Giegel, president of Rho
(See RADIO CLUB on Page 6)

All IIT Out On Bail to Attend Rogues' Gallery

The Rogues' Gallery, all school, dance, to be held this Saturday at 8:30 p.m., in the entire Student Union Building, promises to be the greatest fun-fest this side of Junior Week, announced Wit Kosicki, president of the 4A senior class.

The dance committee, headed by John Basic and Jerry Schneider has planned a large number of varied activities to fulfill their pledge of keeping everyone entertained during the entire evening. To handle the large expected turnout, the facilities of the auditorium, lounge, and cafeteria as well as the East and West dining rooms and the Faculty Club will be used.

Dancing to the rhythmic strains of Homer Wickham's band will be featured in the auditorium, which will be especially decorated to fit the theme of the event—a Rogues' Gallery. Highlighting the festivities in the lounge will be the feature attraction after which the dance is named. Here, the frolicers will have an opportunity to get "nugged" by members of *Armour Eye* in a setting which will place them next to members of the faculty. In the cafeteria, where the only illumination will come from candles inserted in empty whiskey bottles, refreshments will be served and during the dancing in the auditorium, music will be sent down through the loudspeakers. During the intermissions community singing will be conducted.

Cartoons and caricatures, artistically drawn by Wally Pruter and Bill Porcelli, will be interspersed throughout the Student Union Building, again backing up the motif—a rogues' gallery.

Admission to the dance will cost \$1.25 per couple including tax. Tickets will be on sale in the SU lobby this week between 10:30 and 1:30 p.m.

Fleet Admiral Halsey to Speak At Midwest Power Conference

Fleet Admiral William F. Halsey Jr. will speak at the All-Engineers dinner meeting of the Midwest Power Conference at the Palmer House hotel, Tuesday, April 1 at 6:45 p.m. It is anticipated that 800 people will attend the informal dinner

Halsey to Speak



meeting to hear the internationally known figures presented on the program that night.

POWER CONFERENCE HEADLINER — Fleet Admiral Wm. F. Halsey, Jr. will be the featured speaker at the "All-Engineers" dinner meeting of the Midwest Power Conference on April 1.

Neopolitan Accordion Numbers by Mannellas To Highlight Concert

Among the features of the Spring Concert to be given by the music organizations at Illinois Tech will be a special group of Neopolitan songs played by the Mannella twins on their accordions.

The twins, who were attached to the U.S. Army Special Services in Europe, during the war, played to many audiences of GI's, and for banquets and dances.

"The sale of tickets for the Spring Concert started with a rush," said O. Gordon Erickson, music director. "Over 100 were sold in the first hour," he said. The tickets for reserved seats are being sold on a "first come—first-served" basis. Tickets may be procured from Mr. Erickson in the Student Union Auditorium or may be ordered through any member of the music clubs. Mr. Erickson indicated that he expected a complete sell-out of 800 reserve seats.

The concert has been scheduled for the Civic Theatre, Sunday afternoon, April 13, at 3 p.m.

Dr. Frost to Speak at AIChE Meeting Friday

Dr. Frost of the chemical division of the Corn Products Refining Company will be the guest speaker at an all school program this Friday at 11 a.m. in 405M.

Instrumentation and its applications to industrial processes, the topic of Dr. Frost's talk is a subject upon which he is well versed. As head of the Instrumentation department, he is an outstanding man in his field.

Sponsored by the IIT chapter of the AIChE, the program is open to all interested students.

Spring Concert Artists

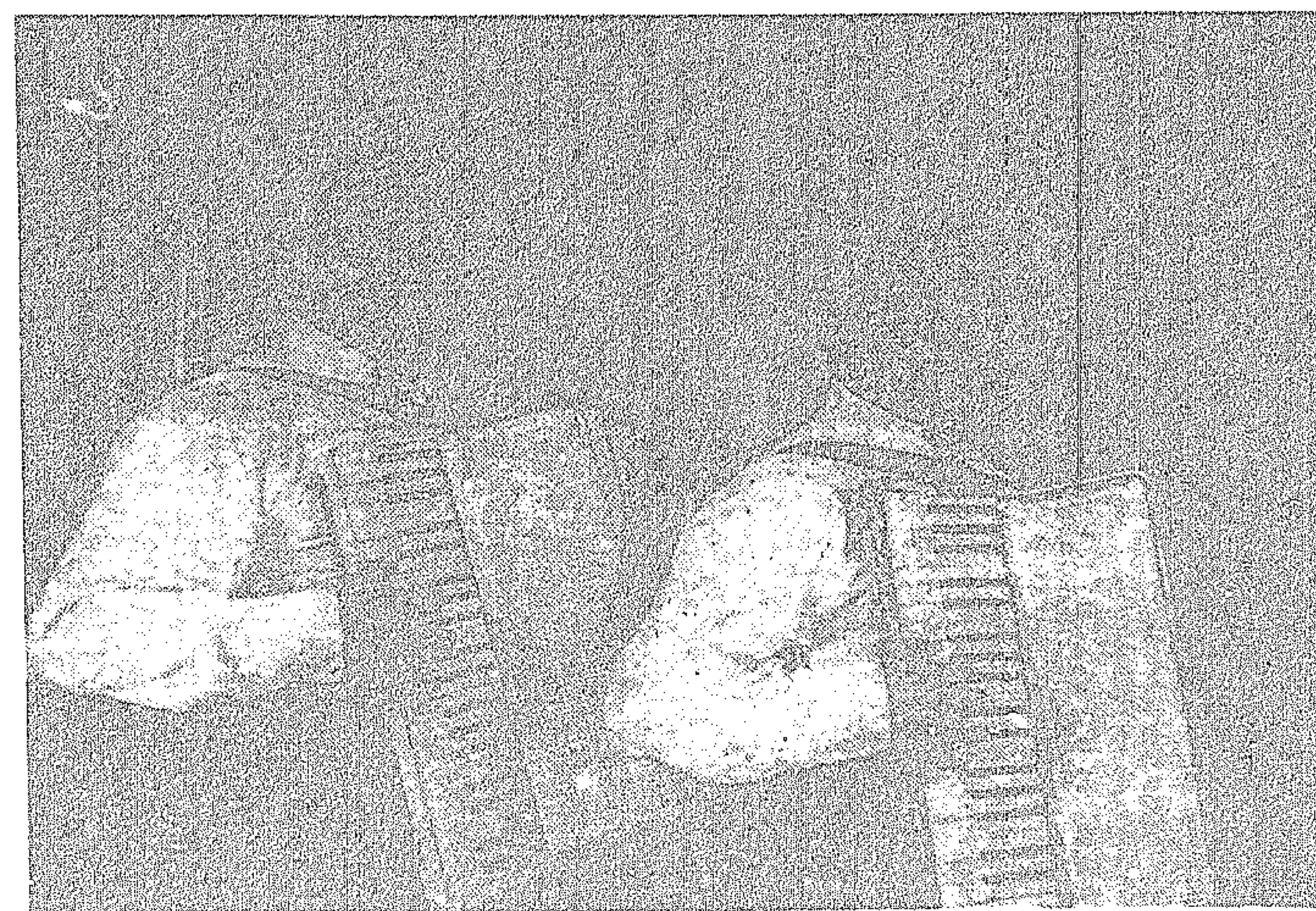


Photo by Neuman
MANNELLA TWINS—Adding color to the Musical Clubs' Spring Concert will be the Mannella twins. The twin Techawks will feature a group of Neopolitan songs.

This year, as has been the custom since 1938, Illinois Institute of Technology will present the annual Midwest Power Conference at the Palmer House. The proceedings will begin March 31 and continue through April 2. Stanton E. Winston, professor of Mechanical Engineering, is the conference director. He has been aided in the preparation of the program by other IIT faculty members and men from numerous other schools and professional societies.

All ME and EE graduate and senior students will be admitted free during the conference. These men will be excused from all classes for the conference period and will report to the student registration desk at the Palmer House, where student clerks have a list of all junior, senior and graduate students. They will check the individuals as having reported and present them with badges for the conference.

Every conceivable phase of power production, transmission, and consumption will be covered in this year's session. The first day will see discussion on economic problems, central station practices, heating, diesel power and power supply for fluctuating loads. The second day's meetings will cover power system loads, air conditioning, hydro power, fuels and combustion, power cables, small power plants and electronics. Discussed on the final day will be: metallurgy in power plants, electronics, hydro power, gas turbines, and power transmission and distribution. Luncheon sessions featuring noted speakers have also been arranged for each of the conference days.

Students will have the rare opportunity of hearing distinguished men from all sections of the country speak on the theoretical and practical aspects of the subject in which he is well informed. In addition the talks will be focused on both fundamental and complex components of the various topics so there will be material presented of sufficient interest and depth to all those attending.

Arrangements have been made for Illinois Tech students wishing to attend to preregister here on the (See POWER CONFERENCE on Page 5)

TECH TIMETABLE

WEDNESDAY, March 26
Alpha Chi Sigma, 5 p.m., 405M
Newman Club, 7:30 p.m., Lounge
SUBC, 5 p.m., Weissman's office
THURSDAY, March 27
AIEE Field Trip, 3 p.m., Lobby, Civic Opera Bldg.
FRIDAY, March 28
ASME, 11 a.m., Auditorium
Senior Class, 11 a.m., to be announced
ITV, 11 a.m., 111C
AIChE, 11 a.m., 405M
AIEE, 11 a.m., 234C
SAM, 11 a.m., 111C
SATURDAY, March 29
Rogues' Gallery, 8:30 p.m. to 12
Student Union

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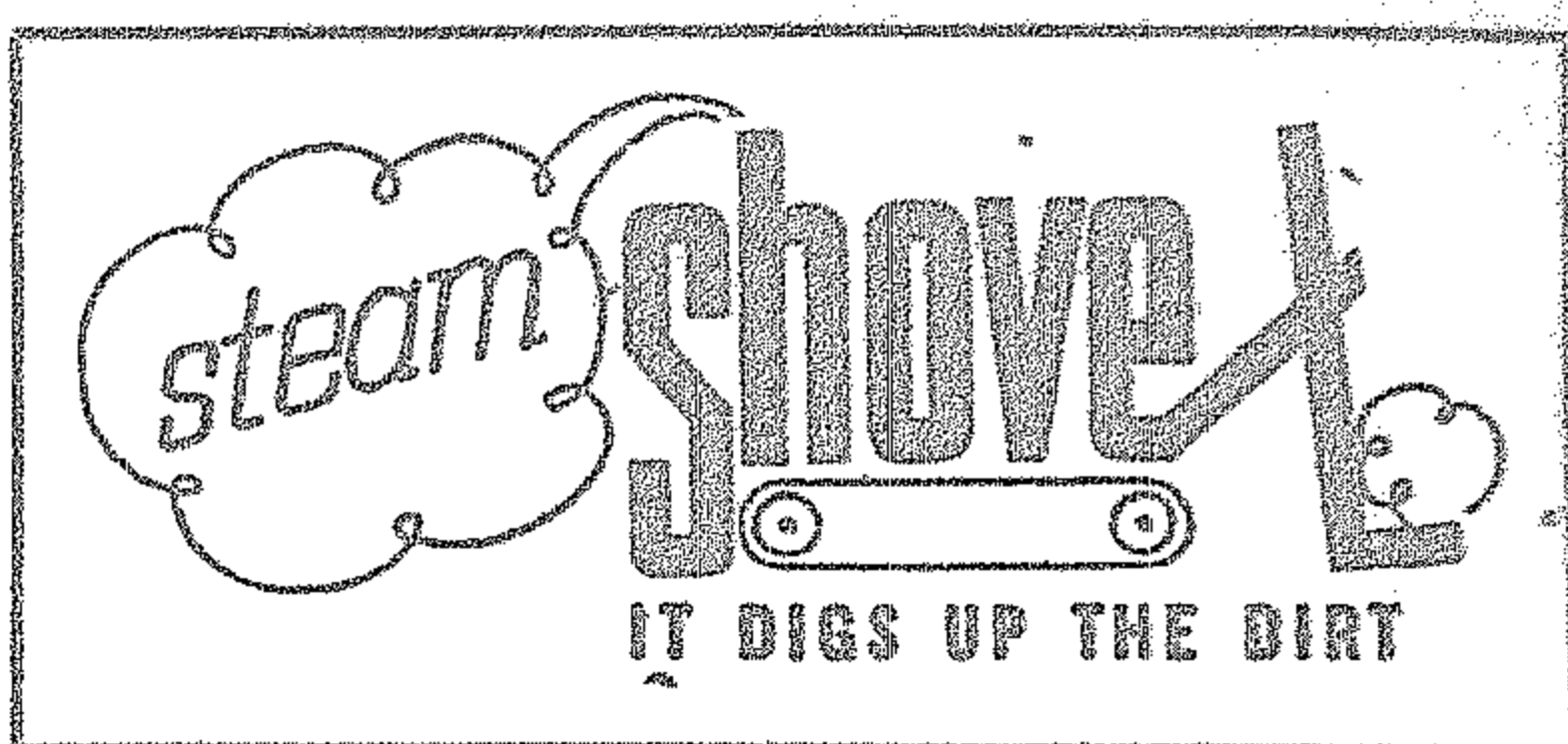
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People Who Live in Glass Houses . . .

HUMPHREY WILL WAITING FOR A BUT WHEN HE FINALLY GOT SEATED AND AFTER HE ATE, LUNCHROOM WAS UNDERSTAND- WELLY UPSET



Leaving the midst of the Sigma's with a sigh of "Well done," the Digger turned to see how the rest of the campus was progressing in their undercover activities. Such dealings as recorded below shall not be tolerated. They are just too, too bad!

Ginny Dorociak, Flo Dumke and several other girls have been spending all their "spare moments" knitting. When asked what she was making, Miss Dorociak replied, "Oh, just little things." Digger's note: In order to qualify for the Junior Week Baby Contest the child must be at least one year old.

A special news release by the Steamshovel: The mystery of Celia Barteau's missing picture has been cleaned up. Her photograph had been on display during the last election and had mysteriously disappeared. The one and only copy was found resting on Jim Voss' desk. Jim had bribed the man who caught him purloining the picture BUT the Digger was there too.

Rich dividends were paid to those who invested a penny in the peanut-vending machine in the Student Union last week. Bill Furlong stuck a copper in the other day, flipped open both outlets and received for his troubles six cents and two handfuls of peanuts. Unfortunately the nickel outlets were blocked off a day later.

Just about the time a fellow gets ready to hand in the last bit of school work his mind wanders. Sitting in the back of the room was John Basic, taking in the dreary lecture when he was heard to loudly declare: "Gad, I want to get out. I got the Basic urge."

A number of Arnold Albin's classmates are collecting money to get that long overdue haircut for Albin. Their motives are quite selfish, they want to save themselves the embarrassment of making wolf calls at a girl in slacks and later finding out that it was Arnold. Even engineers cannot stand this type of deception.

Don "Lover-boy" Arenson, who has for some time been looking for luxuriously furnished sleeping quarters, has just decided to occupy an apartment recently vacated by a fellow student's parents. This cohabitation is to be carried out with a curvacious sophomore architect. It is interesting to note the effect of Bertrand Russell on his "mathematical mind."

As regular as weekly quizzes, Harry "Kissey" Marcado entertains his girlfriend Joan to visit him on the campus. After bragging about her abilities, he finally took her out for a date. When Harry escorted Joan to the car, he found four of his drooling fellow engineers perched in the back seat. After the build-up they all wanted to enjoy the ride.

Holding out on automobile bumpers did not disturb Eymard "Ames" Keal when he got his car, but now he is drawing the line. The manufacturer made one slip. As a consequence Keal was barreling along the outer drive to an early morning class when his front wheels parted company. Eventually he recovered the balky one but not before he had dragged his axle for some time.

In his great quest for a liberal education, Roland E. Fisher took a job in the library. Every afternoon he can be seen, pouring over the "literature" looking for the facts of Life.

There is no percentage in writing anymore because the cute typist just left and the Digger MUST follow her home on his hands and knees.

The Cultured Culture

Editorial

Veteran Tutoring

In the accelerated tempo of peace, of attending school and of working on the outside in order to live in our high priced world, our minds and energies are struggling to cope with all the too evident post-war problems. The intensity of school life has left us with but little time and inclination to reminisce. Luckily, perhaps, most of us have forgotten the war and all its tragedy but there are still a few who can not forget.

These men are in veterans hospitals all over the country.

Together they helped shoulder the responsibilities of fighting the war and now they deserve a share in the peace. Throughout the country doctors are attending the ills of the wounded and disabled veterans by caring for their bodies; should that be all? When a fellow has lost the use of both his arms and legs there are not many forms of diversion open to him; but one thing he can still do is think!

With this fact in mind the Illinois Tech Veterans club decided to organize a tutoring service for the patients at the Vaughn General Hospital. The tutors are to be composed of IIT students who are willing to give up one evening of their time between April 1 and May 30. Their purpose in organizing this service was to help men already interested in learning, give them something in common, and stimulate the interest of others in programs of this type.

The question of increased subsistence is vital to many veterans who are overwhelmed by the soaring cost of living. The real value of the \$65 GI subsistence check has dribbled into insignificance as many veterans are forced to work twenty to thirty hours a week in order to continue in school. Yet in spite of this, the latest figures show that over 100 veterans have offered their services in this tutoring program.

This is an indication that even under the stress of school work and financial responsibilities some of us haven't lost our perspective—haven't lost the ability or desire to help others. If this same spirit of helpfulness and cooperation were prevalent throughout the world today many of our so-called "insurmountable" economic and political problems would be solved.

Man Of The Week

Felix Rosenthal is Member of Three Engineering Honoraries

By Sam Rand

Unlike most IIT students, Felix Rosenthal is not a native of the United States; he was born in Munich Germany. From his experience abroad he seems to have been made more keenly aware of what it means to be an American citizen; he is making the most of every opportunity and privilege accorded him as such.

Felix's parents brought him to Chicago from Germany in 1937. In spite of initial difficulties, he soon oriented himself to his new environment, and graduated with honors from Hyde Park High School in June, 1942.

The following September Felix, desiring to major in mechanical engineering, came to Illinois Tech, on a one year freshman scholarship. The following year he qualified for yet another scholarship, this time the Cook Sophomore Award.

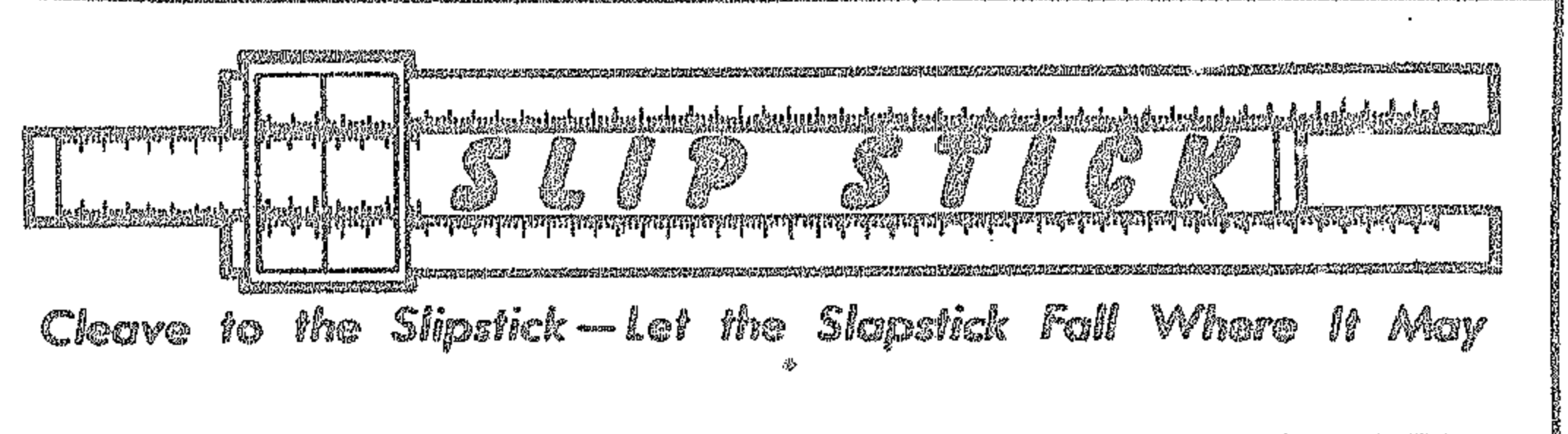
In June 1944, during his junior year, Felix joined the navy. It was

while he was on duty at a navy repair station that he first became interested in electronics. Felix's academic work has won for him a place in three honoraries: Tau Beta Pi, of which he is recording secretary, Pi Tau Sigma, and Eta Kappa Nu.

Outside of his academic activities, Felix has a good many other interests. Chief among these is the IIT Community Service Committee of which he is chairman. Knowing the true importance of tolerance in a democracy, Felix devotes a great deal of his time to the fostering of harmonious race relations in the neighborhood through this committee which he helped form.

In spare moments Felix Rosenthal's interests turn to his hobbies which include photography, bicycling, tennis and baseball. He also has developed a taste for good music

(See MAN OF THE WEEK on Page 3)



In response to overwhelming indifference, the slipstick is happy to revive its question and answer service. This week's query is, "Every time I try to tell my wife about my overseas experience, she sneers and says, 'You would have made a good WAC!' What should I reply to shut her up?" signed, Vexed Veteran.

Answer: Tell her you did.

—IIT—

Wife: "Haven't you anything good to say about my mother?"

Husband: "Yes, she objected to our marriage."

—IIT—

She: "Honey, I'd go through fire and water for you."

He: "Make it fire then, I don't want you all wet."

—IIT—

Dept. Head to Prof, "It's all right to tell that coed she has pretty ankles, but you musn't compliment her too highly."

—IIT—

Blonde: "And if I refuse you will kill yourself?"

Techwolf: "Yes! That is my usual custom."

—IIT—

Moe: "Are you going to take your girl to the movies?"

Joe: "Don't have to go to the movies."

Moe: "Why not?"

Joe: "Her mother and father

are going."

—IIT—

She never really had a chance Long years had Annie waited, But when she entered IIT Oh, boy, was animated.

—IIT—

Boss: "You've already had to leave to see your wife off on a journey, to attend your mother-in-law's funeral, to care for your little girl's measles, and to go to your boy's christening. What is it this time?"

Lackey: "I'm going to get married, sir."

—IIT—

And then there's the legend about the man on the flying trapeze who caught his wife in the act.

—IIT—

He (on the phone): "Hello, Irene, can I see you tonight?"

She: "Sure, Bob, come right on over!"

He: "But this isn't Bob."

She: "I'm not Irene either. But come over anyway."

[See SLIPSTICK on Page 3]

TECHMEN TALK

By Dave Pasik

Question of the week: How has your wife affected your study habits?

Grant L. Hansen, Senior EE:

"My wife is more helpful than a lot of other wives would be because she has been a secretary to electrical engineers for several years. She knows from experience what an engineer needs to know, so she encourages me to keep my nose to the grindstone and learn these things. She has worked with engineers long enough to understand their eccentricities. However, as a woman, she detracts my attention from my studies because, like any other woman she wants constant attention."

Irving Sherlock, Soph. EE:

"My wife affects my study habits very favorably. Being married enables me to have my wife at my side and thus gives me the initiative to develop regular study habits. If I were single it would be necessary to concentrate on both doing my studies and making time enough to go and see my girl. Being married makes my school work a very important part of our future and provides an added push when the situation gets a little rough."

Bob Bushelle, Senior EE:

"I believe that my wife actually aids me in my studies in that the time that would be spent in outside social activities is confined to the home. The duties imposed by marriage often conflict with school studies; however, the benefits of companionship offered by a compatible marriage far outweigh any disadvantages. And when my wife reads this I want her to know she has been a valuable little helpmate."

Pi Tau Sigma to Give Awards to Leading MEs

Pi Tau Sigma, national mechanical engineering honor fraternity, will present awards to the outstanding sophomore and freshman mechanicals, announced Homer Wickham, president. Procedure for determining the awards will be completed shortly. In addition, the fraternity is sending a letter to each freshman ME stating the purpose of the fraternity and the importance of both scholarship and activities in developing an engineer.

Bookends cast in bronze with the fraternity crest will soon be made available to members and alumni, stated Gerald Schneider, chairman of the committee. The bookends were made through the help of Professor Roy B. McCauley.

SLIPSTICK

(Continued from Page 2)

"This means a good deal to me," said the poker player as he stacked the cards.

—HIT—

With two bare hands, we'd like to choke and gladly too, the bore who reads this column and then remarks, "I've read those gags before."

Had Enough?

Maintenance Department Keeps Large Staff Busy

In 1946 the IIT Maintenance Department completed 4999 jobs. These jobs kept a total of 110 men at work 24 hours a day and resulted in a total expenditure of well over \$100,000.

Maintenance, under the guidance of Superintendent W. J. Parduhn, is responsible for heating the buildings, keeping them in repair, and maintaining the general plant. Heating the Institute has always presented a difficult problem, due to the antiquity of the buildings. Chapin Hall, which was converted into class rooms at the rate of an apartment at a time, is the worst offender in this respect. Since the heating system was installed piecemeal the steam return lines do not operate as efficiently as possible.

Aside from these routine tasks the Maintenance department takes care of many odd jobs about the campus. Included in this is the construction of most of the laboratory equipment for the Chemistry department, Graduate School, and the Institute of Gas Technology. Maintenance men have even gone to great lengths to prevent the common house fly from

modern kitchen, with its long counter top, latest accessories, and efficient arrangement of equipment, Superintendent Parduhn made the mistake of letting his wife view his handiwork at the downtown campus. Soon afterward he found himself re-routing attic stairs and knocking out walls as he began reconverting his own kitchen.

When the Maintenance department was assigned the job of moving ordnance equipment into Alumni Hall they found themselves up against the problem of hoisting a 21 ton, 5 inch gun without a derrick. The gun was finally installed by the use of rollers and hydraulic jacks. The most delicate item of ordnance equipment to be installed was the 40 foot long submarine periscope. A permit had to be obtained to stop traffic on State Street as this was

Maintenance Project



ENGINEER is pictured servicing oil burning furnace, installed by the Maintenance Department, in the IIT furnace room.

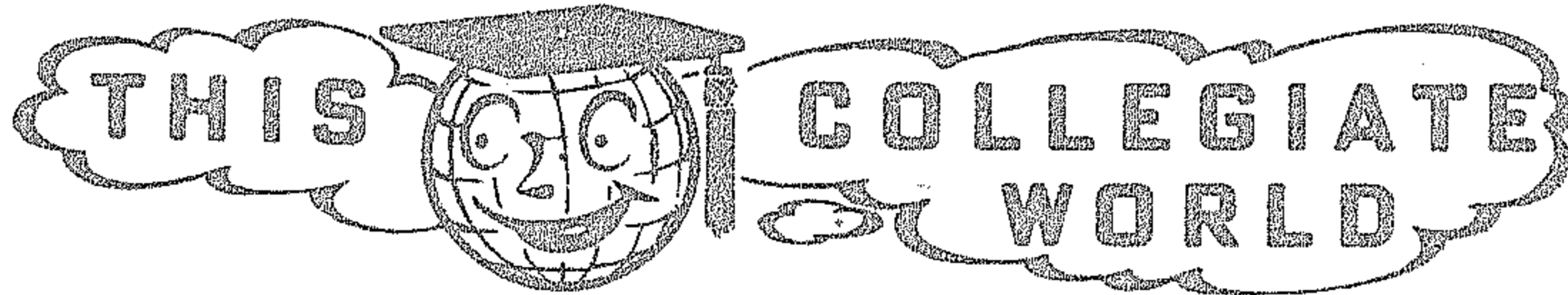
Photo by Lucas

catching cold when they constructed a constant temperature room for the Biology department. This required a full six inches of insulation on all sides, including floor and ceiling. Air conditioning was provided by a thermostatically controlled electric heating and refrigerating system.

A few of the other tasks accomplished by this department have included the installation of the electron microscope, construction of parts for Illinois Tech's atom smasher, and the building of a modern kitchen for the Home Economics department. After completing construction of the

the only way the periscope could be moved into Alumni Hall without causing any undue damage.

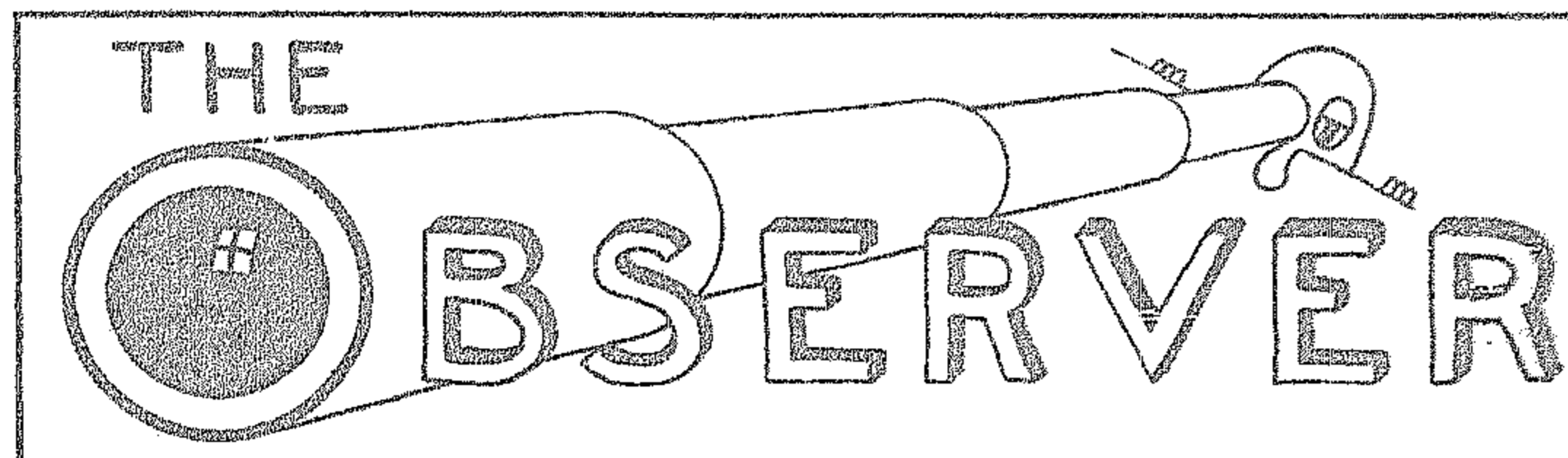
During the war Maintenance was responsible for rapidly building additional facilities for housing and teaching military personnel. They constructed a complete kitchen and mess hall in the Armory and also a pre-radar lab in the garage building on the Lewis campus. So it was that the Maintenance department at IIT helped the Institute earn the citation for being the only school in this area to receive military personnel for training on the day they were scheduled to begin classes.



In the event that the Northern Indiana Bell Telephone Company shows a deficit for the fiscal period, its stockholders will have no other recourse than expressing to themselves their opinion of a certain group of Indiana University students. Because the aforementioned company neglected to install a coin box on a well used dormitory telephone, the students suddenly remembered distant relatives whom they promptly called—"The line forms up on the third floor, bud!"

Do you have a hard time keeping up with the professor as he scribbles across the black board, strewing equations right and left in an unrestrained monologue? Well then consider case of Dimitrios Papandrianos, a pre-med student at the University of Houston, noteworthy for taking a full time course without the blessing of understanding English. That's right, he uses an interpreter that translates all of his school work into his native Greek.

At Cal Tech a serious proposal has become the butt of many campus jokes. The idea calls for "a steel-reinforced marble column at the end of three converging cinder paths to be used by students after finishing final examinations for gaining speed before bashing their heads against the column." The column would bear the inscription "The Final Shaft."



The gravedigger in "Days of Our Years" exclaimed, "A dirty job is foreign politics, a very foul business." The actions of the diplomats confirm this, whether it is Russian blundering, British perfidy or American double-talk.

In President Truman's request for saw no menace in fascism, even aid to Greece, Turkey and other supposed bulwarks against communism, it is discouraging to witness the sabotage of the United Nations. This unilateral action which appears to be the pulling of England's chestnut out of the fire, adds to the confusion of distinguishing between friend and foe. The former ally, Russia, is now the devil incarnate. Turkey, who was in the other camp in 1914, and managed to play both sides in World War II is to be the recipient of favors. Maybe her mistreatment of the Armenians and an absolute dictatorship qualifies Turkey to be an honored friend, though perhaps her control of the Dardanelles, which is part of Russia's lifeline, may be the deciding factor. Also being wooed are such true friends as the comic opera kingdom of Roumania, and Hungary, both of whom were Hitler's most ardent collaborators.

The case of Greece is a tragic one; the underground fighters against Germany are now the rebels. The fascist king, who is not a Greek and fought the war in London with his mistress, was brought back for a third attempt to rule by British arms. As the Chicago Daily News pointed out, the monarchists first campaign against communism was to kill the trade union leaders and destroy the labor government. It is interesting to note that 70% of Greece's overseas debts are held by England and several million dollars in Greek assets are frozen in London. Also, if the people are 85% royalist as the president claims, it may be asked why it costs so much to overcome the minority 15%.

The situation now may be likened to the post World War I period when Russia, who was then also on the Allied side, was invaded by eight armies. Now, some so-called public leaders advocate the immediate use of the atomic bomb and striking are the strange bedfellows that are made by such advice. Some of those who

after Pearl Harbor and the declaration of war by Germany are now the great crusaders for the use of atomic warfare.

What is behind the great concern with the middle East? Removing the trappings of diplomacy, the answer is that black gold known as oil. The oil that is so essential to the modern industry and warfare is found in Syria, Arabia, Iran and the rest of the near east, which is so close to Turkey and Greece. For this, the powers are maneuvering, but the final decision will rest with the Arabs who will sell to the highest bidder.

Such unilateral action as proposed by the President is a violation of the United Nations charter. The United Nations is the proper place to decide such questions, and if it is by-passed, the United States will be responsible for its future impotency.

Dr. Shuster, president of Hunter College and a prominent Catholic layman stated recently that the Vatican will not back a war against Russia and instead is backing the UN.

Nations will be influenced by American ideals if American diplomacy supported democratic instead of autocratic regimes. The proposed money should be spent on food; democracy cannot exist where people are starved to support a militaristic rule. The United States, in the wake of its newly emphasized leadership, should set an example of intelligent, alert diplomacy within the United Nations.

MAN OF THE WEEK

(Continued from Page 2)

and art. hopes to work in the field of applied research while at the same time studying for his masters degree in electrical engineering.

Looking ahead to his graduation in June, Felix anticipates continuing his education in night school. He

Here Comes That

HUTTON HURRICANE!

Boisterous Betty goes into her two new songs with that hectic Hutton hubbub.

'Poppa, Don't Preach To Me'

'Rumble, Rumble, Rumble'

with JOE LILLEY and his orchestra
From the Paramount Picture, "Perils of Pauline"

CAP. 380

Capitol RECORDS

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LISTEN WITH THE HITS FROM HOLLYWOOD

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Swimmers End With 9 Wins in 12 Meets

Team Starts With 9 Game Winning Streak; McNerney High Scorer

The IIT Swimmers have splashed around for their last time this season. The '46-'47 season was a victorious one for Tech with 9 wins out of 12 meets. The Squad rolled up 576 points and had only 330 points scored against them.

During the course of the season, the team won over such schools as the University of Detroit, Loyola, North Central College, Lawrence, Chicago Teachers, and Depaul. The season after the probation list came were all defeats and rather hard to take after tasting victory over the newcomers the first semester. The Tech Swimmers lost to Wright Junior College, University of Chicago, and Depauw.

Ill. Tech was represented at the C.C.C. Championships with Kirby Strickland, Ernie Hellmer, and Jergen Schmidt qualifying for the finals with a 300 Yard Medley relay team, the team placed sixth.

The high point man for the season was Jim McNerney with 94 points. The runners-up were Ernie Hellmer, Jergen Schmidt, Joe Peter, John Makielski, Bill Maier, and Dan Nelsen in that order.

The swimmers are already looking ahead toward next season with high hopes. The squad is faced with the loss of only one man, John Makielski, their top-notch diver, who graduates this June.

INDIVIDUAL RESULTS '46-'47 SWIMMING TEAM		
Meets	Event	Points
9	Freestyle	McNerney 94
12	Breaststroke	Hellmer 63
12	Freestyle	Schmidt 52
12	Freestyle	Peter 52
11	Diver	Makielski 51
12	Backstroke, freestyle, diver	Maier 48
9	Freestyle	Nelsen 47
12	Backstroke	Axelrood 35
9	Freestyle	Mitchell 27
9	Freestyle	Madsen 25
6	Freestyle	Klitzke 23
12	Diver	Beckmann 20
9	Breaststroke	Alterman 20
12	Freestyle	Strickland 10
3	Backstroke, freestyle	Miller 11
8	Freestyle	Nord 4
3	Breaststroke	Dymek 1
2	Freestyle	

Sports Personality of the Week

Ernest Hellmer

One of the most active sports personalities on the campus is Ernest Hellmer, high scoring member of the swimming team. Ernie's won three letters at Illinois Tech for swimming and this year scored 63 points out of a possible 79 to place second in the score column.

Hellmer first swam for the Tilden Tech team, was elected captain of the team, won two letters. Between swimming meets, he practiced ice skating, was cheerleader for the avid sports fans from that section of town. To make sure he didn't have any extra time to waste, he worked on their year book, and was sports editor of the Tilden Tech paper.

Ernie's activities are not quite so numerous or varied in Illinois Tech as they were in high school. Studies come first, but he's been swimming since he entered IIT in 1942. Swimming in the breast stroke events, he won 10 first places in 12 meets this year. Before he entered the Navy he was a reporter for Tech News.

In the Navy, Hellmer went into aviation, was discharged an Aviation Machinist's Mate, 2/c after two years service in the States.

A junior in the ME department, Ernie will get a chance to pile up more points for the swimming team. With his scoring ability, Illinois Tech should be even more successful next season than it was this year.

By Art Ballou

Awards Given To 46 Athletes

Erhart, Boand Top IM Keglers

George Erhart and Jack Boand, senior ME's, walked away with the doubles crown in the intramural bowling tournament Sunday. The victors totalled 1094—an average of 182 1/3 per game. Erhart series was 569 while Boand contributed 525.

Richard Arbanas, frosh CE, broke his own high series mark of the tourney with a 579 total. This series plus the 576 he chalked up the week previous gives him the all-events crown with 1155, a 192 1/2 average for six games. In addition he wins the high individual series medal.

Erhart came within a pin of tying the tournament's high individual game when he rolled 210 in his first game. The record stood, however, and Al Knobbe, frosh ME takes that event with the 211 he rolled in the team event. Knobbe's 527 gave him second place in the all-events with a total of 1078.

Only two other 200 games were recorded. Eric Anderson, junior Arch, collecting 202 and 556 and Roland Stancel, junior ChE, racking up a 201. Anderson narrowly missed setting a new high game mark when he drew a five pin railroad in his last frame after two strikes. His total was 197 for that game. Another hard luck bowler was Chuck Trost who started off two games with five strikes in a row but wilted to get games of 183-199-186 for a creditable 568 series.

Other notable series were 529 by George Harkless and 526 by his partner, Eric Gabler for a second place doubles total of 1055. Chuck Banks collected 525 while rolling with his partner, Paul Peterson.

Thirty-two men bowled in the doubles event, held under the auspices of Jake Dumelle. The week previous thirty-one keglers put forth their best efforts in the team event which saw the Soph #1 team win. Wide-spread interest was evidenced in the formation of a bowling league next September and it is hoped that someone will undertake to organize a 5 p.m. weekday league.

Practice Meet to Determine Golfers

"There's nothing better than watching a man swing his club and sock that ole' ball, to tell how good he is," said Coach Samuel Bibb as he announced the new schedule for the Golf Team. "That's the reason we're holding these first two Inter-School elimination tournaments."

Rather than count total scores, Coach Bibb and manager Ed Koncel plan to watch the play at each individual hole, thereby checking each man's performance.

The first and most important meeting of the season will be held Friday at 5 p.m. in Room 108 Chapin, and all those interested are definitely urged to attend.

One of Chicago's best managed courses has been chosen as the site of the home games. It is Westgate Valley at 131st and Ridgeland. There will be many cars driving out to each match. Several out of town matches have also been scheduled.

- Following is a list of the 1947 program:
- April 5—Elimination Tournament
 - April 12—Elimination Tournament
 - April 19—Alumni
 - April 23—Valparaiso (there)
 - April 24—Wabash (there)
 - April 25—DePauw (there)
 - April 26—Indiana State Teachers (there)
 - May 3—Indiana State Teachers
 - May 6—Lake Forest (there)
 - May 8—Chicago (there)
 - May 10—Bradley (there)
 - May 13—Lake Forest
 - May 16—Bradley
 - May 22—North Central (there)
 - May 24—Western Michigan (there)
 - May 31—Loyola

Jumping The Season

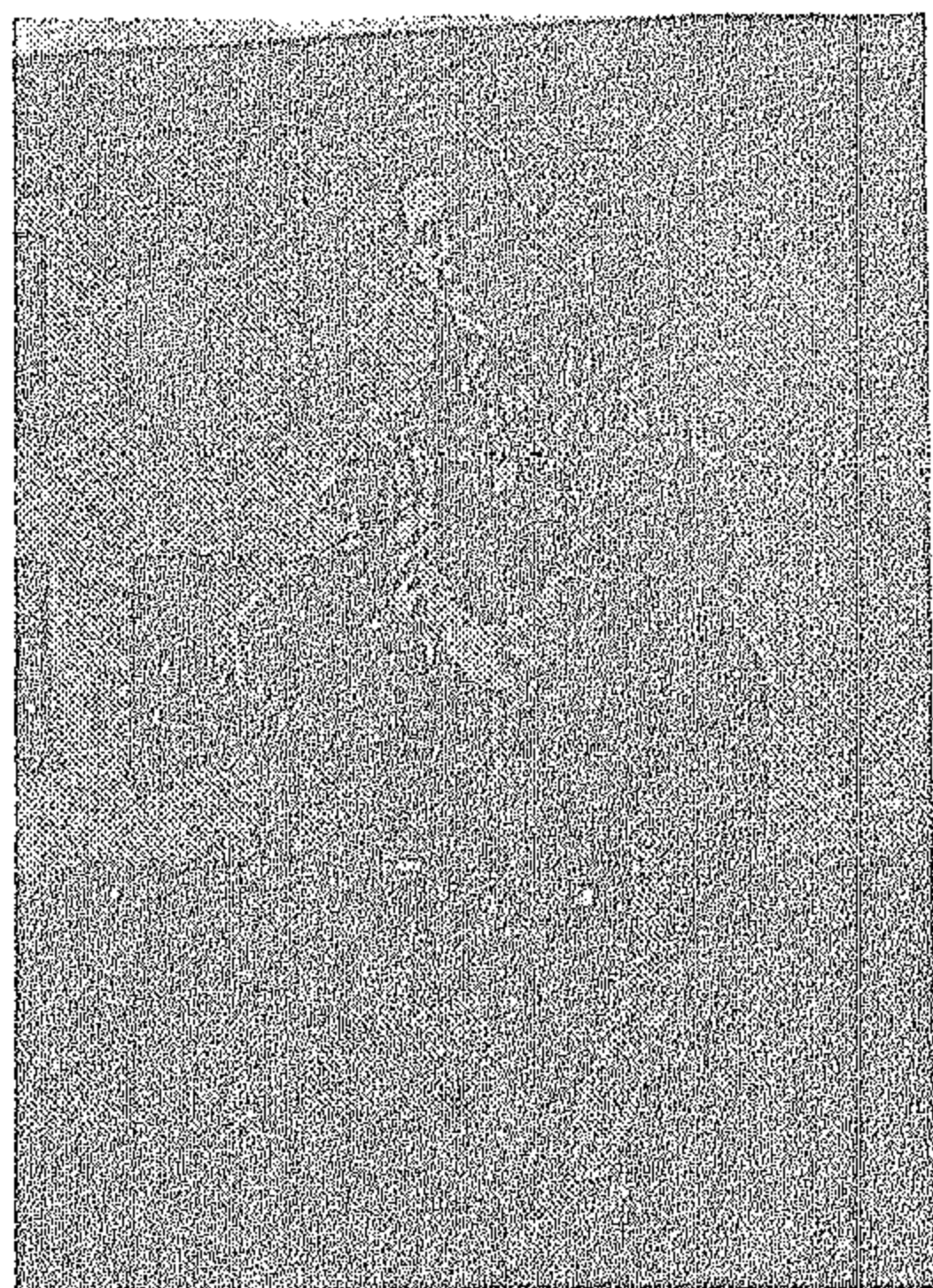


Photo by Neuman
TWO HARDY TECHAWK baseball aspirants, Vince Biccichi (catching) and Bert Amstador (batting), determined to have some outdoor practice, tried to work out on Ogden Field last Thursday.

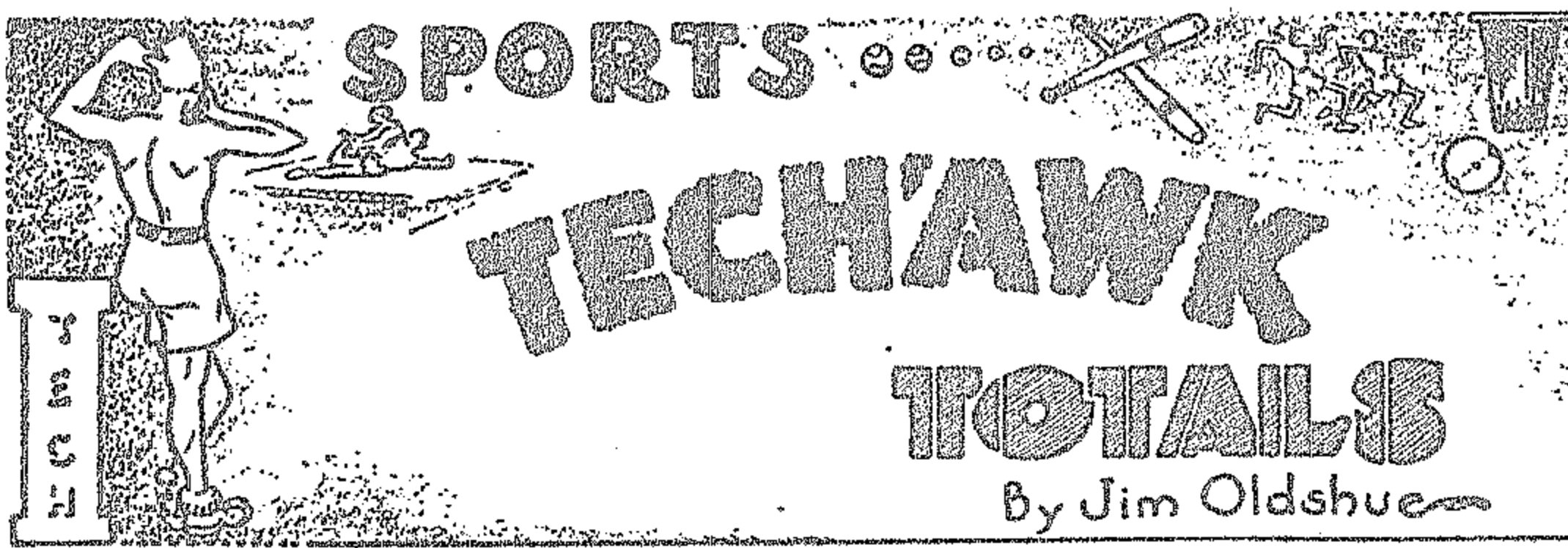
Tennis Team Begins Outdoor Practice

With the opening of the 1947 varsity tennis season slightly more than two weeks away, the Techawk netters began outdoor drills at Armour Square yesterday in preparation for their April 12 date at Valparaiso, Indiana.

Leading a large turnout are six former letter winners, including a quartet of starters from last year's squad which won eight of eleven starts, Captain-elect Bob Hall, Carl Bergstrom, Jim Ferguson, and Bob Davis. Eddie Radek, who held down the number one berth in 1944, and Don Eckert, who also played for Tech in '44, are other returning lettermen.

Topping the newcomers who have worked out thus far are Irv Buchstaber, a former Oak Park star, and Bob Zeitlin, a Crane Tech product, both of whom are making a strong challenge for starting berths.

- The complete schedule:
- April 12—Tech at Valparaiso
 - April 15—Lake Forest at Tech
 - April 19—Concordia at Tech
 - April 22—George Williams at Tech
 - April 25—Tech at Marquette
 - April 26—Tech at Wisconsin
 - May 3—Tech at Bradley
 - May 6—Tech at Chicago
 - May 15—Tech at George Williams
 - May 17—Bradley at Tech
 - May 22—Chicago at Tech (Tentative)
 - May 24—Valparaiso at Tech
 - May 27—Tech at Lake Forest
 - May 30—Tech at Concordia



HONOR I, the honorary athletic society on the campus, has adopted a resolution to the effect that no Freshmen should be allowed to participate in varsity athletics, nor should any Freshman teams be sponsored by the school. This resolution comes after several seasons of observation as to the scholastic record made by the Freshmen who have played on the Varsity Teams.

Most entering Freshmen do not realize the big difference in college studies and in the high school courses that they have just left until it may be too late. The first year of college is a rather crucial one for every student; if he gets off to a bad start, he has a very tough time trying to get back on a par with his work.

PLAYING ON ONE of the varsity teams takes up valuable time which could be spent in boosting up school work. Therefore, it is very desirable, in my estimation, to let the IIT Freshman have a year to get adjusted to the rigors of the work here. Then when he is better able to decide whether he can devote the necessary time to athletics, let him try out for the team.

Since Illinois Tech is not an athletic conference, there are none of those regulations to determine whether the first year men are eligible. But since IIT does belong to the NCAA, they will probably follow whatever regulations are laid down by that body for the fall semester. However, I think that as a scholastic protection to the Freshmen no Freshman participation in any form of varsity athletics should be allowed, regardless of NCAA Policy.

30 Men Receive Majors; 8 Awarded Senior Jackets

The ITSA last week approved 46 awards to Techawk athletes in four winter sports, basketball, wrestling, swimming, and boxing. Major awards were given to 30 men, with 8 seniors receiving Senior Jacket awards.

Forty Out For Baseball Squad

From a turnout of forty plus candidates Coach Sonny Weissman has the job of picking a winning combination.

Among the group of aspirants are eight returning lettermen. These include such sluggers as Jim Oldshue, an outfielder whose batting average in 1943 was .345, Bill Burns, a flashy second baseman who batted .322, and Roy Schimmelfenig, whose long distance hitting has provided many a scoring punch and has an overall batting average of .294.

The aspirants also number three former first string catchers. They are Warren Melgaard of the '43 squad, Vinc Biccichi of '44, and Charles Swanson, 1946 backstop. Dennis O'Geary and Ernie Krause are also back from the '44 squad. Krause batted .278 as an outfielder and O'Geary batted .208 as an infielder.

To date the biggest weakness of the squad to date seems to be the mounds corp. With no returning moundsmen and no outstanding new talent being uncovered, manager Chuck Connel is reported to be scouting any body who can throw a paper wad ten feet.

If the mound talent shows up Weissman thinks the Techawks can look forward to a bright season, so come on you hurlers!

Edwards Victor in IM Paddle Tourney

Bryant Edwards demonstrated his proficiency in wielding a ping pong paddle by carrying off the singles crown in the recent intramural tournament. Edwards was the winner in the final round robin which was conducted on the basis of 3 out of 5 games deciding each contest. He battered his way to the title by defeating Harold Cotta in the three straight matches: 21-19, 21-17, 21-16, and taking Julian Labow in stride, 21-18, 21-15, and 21-19.

Seniors John Makielski, Jim Oldshue, Dennis O'Geary, Roy Schimmelfenig, Joe Melek, Vic Mieczkowski, Ned Grable, Ray Murphy, and Glen Neiswander won major letters for the second or more time, and were awarded jackets.

Coach John Ahern awarded 8 major letters to his swimmers; Makielski, Jim McNerney, Ernie Hellmer, Joe Peter, Bill Maier, Dan Nelsen, Jergen Schmidt, and Manager Cliff Nelsen.

Eight swimmers received minors: Dick Axelrood, John Mitchell, John Madsen, Ray Klitzke, John Beckmann, Art Altermann, Ken Strickland, and Bruce Miller.

Fifteen Cagers Get Majors
Fifteen cagers on the '46-'47 team, which fell to a .222 season average, were given major awards by Coach Bernard Weissman. The players honored were John Dailey, John Fleck, Grable, Melek, Murphy, Neiswander, O'Geary, Oldshue, Schimmelfenig, Bill Smart, Charles Swanson, Carl Bergstrom, Charles Futterer, Warren Sommers, and Manager Jim Gibbons.

On the wrestling team, Mieczkowski, Ray Sabol, Harry Himmelblau, Julian Snyder, Don Johnson, Bob Montblanc and Manager Bob Schulte received majors.

Seven other wrestlers were awarded minors: Bill Kunick, Jim Norini, Lyle Taussig, Jim Fitzpatrick, Joe McArdie and Ernie Smith.

Schulte received a minor for the only award made by the Boxing Coach, Jim Ladd.

IM Basketball Play Started: Campsters Meet 48er's Today

The fight for the championship of Illinois Tech's intramural basketball tourney began last night in the eaves of the Main Building, and will continue for the next few weeks, announced Larry Shapiro, tournament manager.

Any team which does not furnish its referee by the end of this week, will be withdrawn from the tournament. Referees are to report to Shapiro in Weissman's Office between 12 and 1 PM on any weekday.

There are 13 teams entered in the meet, and of these, seven are strictly freshman groups.

However, even though there is a preponderance of frosh ballclubs, the upperclassmen have entered several strong and well-seasoned units. This situation points to a wide open tourney with any team likely to annex the championship, added Shapiro.

- SCHEDULE OF GAMES
Week of March 25 to 31
- Tuesday: 48ers vs. Civil Campsters
 - Wednesday: ME Red Hots vs. Navy Frosh
 - Thursday: Cons vs. Giants
 - Friday: Soph. Archs vs. Bobain's Bobcats
 - Monday: Frosh Playboys vs. Iversen's Frosh

Alpha Sigma Phi Victors In Table Tennis Match

Alpha Sigma Phi defeated Phi Kappa Sigma 3-2 in the only IF ping pong game played last week. Al Zadravetz and George Schuitz won singles sets and Zadravetz and George Hottenger a doubles set for the Alpha Sig victory.

- SCHEDULE
- Wed. 8 p.m. - Rho Delta Kappa vs. Sigma Alpha Mu at Pi Kappa Phi
 - Wed. 8 p.m. - Daedalus vs. Praetorians at Delta Tau Delta
 - Thur. 8 p.m. - Winners of Above games at Alpha Sigma Phi

Marine Corps Reactivates Platoon Leaders' Classes

Simultaneous with the announcement that the United States Marine Corps has reactivated Platoon Leaders' Classes at many of the nation's accredited colleges and universities, it was announced that Marine Captain Alex H. Sawyer will visit IIT next Monday, Tuesday and Wednesday in the interest of Marine officer procurement. Students selected for the program are enlisted in the Marine Corps Reserve.

Members attend either one or two six-week periods of summer military training at Marine Corps Schools, Quantico, Virginia. Students enlisted when freshmen or sophomores attend two summer training periods prior to graduation while juniors attend only the advanced summer training period. No military training is required during the academic year of enrollment.

For the first summer training period, students are Marine corporals and are salaried at \$90 per month. During the second period, they are sergeants and receive pay at the rate of \$100 per month. All platoon leaders are quartered, subsisted, clothed, and furnished medical attention, and transportation from their homes to the place of training and return.

After successful completion of the required periods of military training and after graduation from college with a baccalaureate degree, Platoon Leaders are eligible for appointments to the commissioned ranks of Second Lieutenants, U. S. Marine Corps Reserve. A limited number of graduates may be commissioned in the regular Marine Corps.

SU Offices to Be Vacated; Available to IIT Activities

The SUBC met Wednesday in Sonny Weissman's office, and heard a short resume of the board's activity in the past and explained that the function of the SUBC was to make the Rules and Regulations governing the use of the Student Union building and to make a disposition of the space in the building available for the use of the students.

As soon as more of the temporary buildings are completed the following rooms will be vacated: the ITSA office, the bookstore, the information office on the 2nd floor, Mr. Hill's office, Dean White and the Veterans Administration office. The board decided to invite representatives from interested student organizations to attend its next meeting which will be held tomorrow at 5 p.m. in Weissman's office to present plans for the use of this available space by student activities.

POWER CONFERENCE

(Continued from Page 1)
campus. Classes will be dismissed on March 31, April 1, and 2 for senior Mechanicals and Electricals, on April 2, for junior MEs and on April 1, for junior EEs. As a check on attendance students will check in each day at the conference.

Students interested in obtaining a book containing the proceedings of the conference may obtain a copy at half price (\$1.50) from Mr. Winston's secretary. Mr. Winston has his office on the second floor of the Student Union building.

Outstanding civic, business and scientific leaders such as Mayor Kelly, James D. Cunningham and L. G. Miller, have been selected to take part in what is the largest annual technical meeting to be held this spring for the ninth year. It is anticipated that 2500 will gather at the Palmer House for the conference. Stanton E. Winston, dean of the evening division of IIT will direct the conference for the eighth time, and Edwin R. Whitehead, research professor at IIT, is the conference secretary.

Armour Eye Studio Night Attended by 60

The Armour Eye Studio Night, held last Friday, passed all expectations as far as attendance was concerned according to Arnie Rosner, president of the Eye.

Techawks of all degrees of photography skill gathered in the SU auditorium to take all types of shots and poses and improve their technique. Modeling for the pictures was done by a powers model, who also gave epointers for make-up when colored film is being used.

The all-school affair, which is the first of its kind given by the Eye, was attended by 60 persons. Flashbulbs and lighting equipment were furnished free of charge by the camera club. A display of pictures taken at the Studio Night is now on view in the SU lobby.

Pi Delta Epsilon Pledges Six Men

Six men were pledged to Pi Delta Epsilon, honorary journalism fraternity, at a meeting held last Tuesday.

The six new pledges are Sherwood Benson, Paul Thompson, Walter Zwierzycki, Lester Templeton, Jr., Herbert Sachs, and Herb Graffis of the *Chicago Times*. Herb Graffis is to be an honorary member. All have done outstanding work in connection with campus publications and have fulfilled the necessary requirements to be eligible for Pi Delta Epsilon. Some of the requirements are: service as a staff member of *Technology News*, or the *Integral*, high scholastic average, and an assistant departmental position or higher on the staff.

The pledges will go through a short pledge period before their initiation which will take place at the *Technology News* banquet April 2nd.

Les Templeton is active in Alpha Phi Omega and AICHE in addition to his duties as assistant news editor of *Technology News*. One of the Integral men in the pledges is Herb Sachs, its business manager. He also served as business manager for the 1946 Integral.

Paul Thompson, business manager of the *Technology News*, is married and commutes to school from Aurora. He is last year's winner of the ASME undergraduate technical paper award. Benson belongs to the ITVets and the AIEE in addition to writing for both the Integral and *Technology News*. Zwierzycki is a member of Pi Tau Sigma and the ASME as well as news editor of *Technology News*.

"What is a Curve?" To Be Math Club Subject

Professor Karl Menger of the Math Department will elaborate at the next meeting of the Mathematics Club, Friday, March 28. All students are welcome to attend according to Louis Joseph, Program Chairman. The meeting will be held in 205, Chapin Hall, at 11 a.m.

At the last meeting of the club on March 7, Malcolm Smith was elected president; Louis Joseph, publicity and program director and Milton Searle, secretary. Mr. Anatole Rapaport is the faculty advisor.

The policy of the Math Club is to present to the members interesting theoretical and applied mathematical ideas which are not covered in class work. The material, which may be presented by students or the faculty speakers, is of such a nature that any one taking college algebra will be able to grasp the essential points.

Rogue



"ROGUES' GALLERY CHARACTER" — The caricatures of such rogues as Prof. "Sammy" Bibb will be part of the novel entertainment planned for the senior-sponsored "Rogues Gallery" to be held next Saturday night in the SU.

Alpha Phi Omega Host to 30 in Spring Rushing Party

Last Friday evening in the SU lounge Alpha Phi Omega, national service fraternity, acted as host to 30 guests of the Delta Epsilon chapter's spring semester rushing party.

Ed Koncel, president of APO, directed the evening's activities, while John Seeger and Howie Baum, who were both instrumental in founding the chapter on the IIT campus, stressed the fraternity's ideals of leadership, service and friendship. Two of the special guests of the evening were Don Huish and Dick Wiedelman of the Chicago Alumni Chapter who spoke on the activities available in the alumni group.

Posters on SU Walls Taboo

Attention to the fact that the tacking or posting of meeting announcements and campaign posters to the walls of the Student Union Building is prohibited, has been called by "Sonny" Weissman, manager of the SU. Weissman added that adequate bulletin board space has been provided in the SU lobby and that signs must be restricted to these spaces.

Marslek to Speak to ASME on Micro-Finishes

"Micro Surface Finishes" to a tolerance of one-millionth of an inch will be the topic of a talk by E. J. Marslek this Friday. Marslek, who is the chief engineer of the Acme Industrial Company of Chicago, will illustrate his talk with slides at the ASME meeting, 11 a.m. in the auditorium. As a further event the Society of Automotive Engineers will sponsor a speaker at the all ME meeting.

The results of the ASME membership drive were very gratifying; said Kurt Kuhnle, president. There are now 318 student members in the Illinois Tech branch.

The March issue of the ASME magazine "Mechanical Engineering" have arrived and will be available to all members at the meeting.

Many budding mechanical engineers are well acquainted with some engineering topic—these men are urged to enter the ASME regional paper contest. Amongst the prizes are a free trip to the University of Minnesota and two hours elective credit. Anyone interested in writing a paper should contact S. E. Rusinoff, honorary ASME chairman.

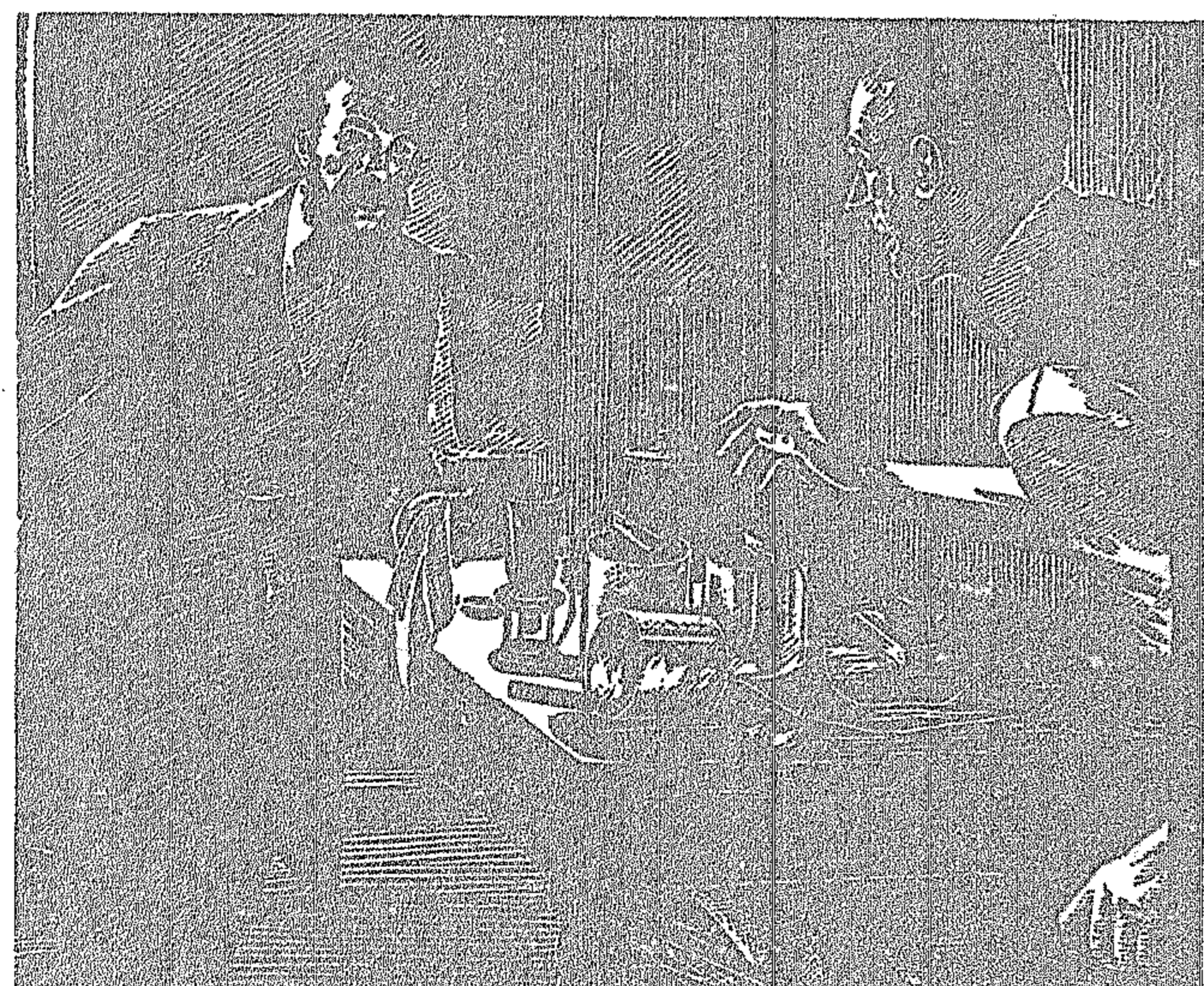
IRE Plans Banquet, Movies Television Tour for April

W. R. Mehaffey, supervisor of the Electronic Division of the Armour Research Foundation, spoke on the application of electronics to mechanical measurements at the meeting of the Institute of Radio Engineers last Friday. This was the first of a series of speaker's own trips to be included in the activities of the organization this semester.

Future plans include a banquet to be held April 8 at 7:15 p.m. said President DeWitt Pickens. Tickets are now on sale for \$1.25. Movies, "Echoes From the Past," and the "Bell Telephone Hour" will be included in the program that evening.

A tour of the Balaban and Katz television studio has been arranged for the following Friday, April 11, said Harold Hoffman, vice-president. He adds that more trips are "in the making."

The membership in IRE has reached 140, an increase of 150% over last year's total. Hans Nord, treasurer, has stressed that all persons majoring in EE and interested in radio communications are invited to become members.



His genius gave wings to words

It was an historic moment. Alexander Graham Bell's telephone had just spoken its first words—"Mr. Watson, come here, I want you!"

That evening in Boston—March 10, 1876—Dr. Bell's crude instrument transmitted his voice only to the next room. But out of it was destined to come a whole new era—the era of quick, easy nation-wide telephony, of radio telephony in all its varied forms, of talking pictures, voice and music reproduction systems and electrical aids for the hard of hearing. Few inventions have played a greater part in shaping the world we live in!

Since 1877—just one year after Bell's long experimentation was crowned with success—it has been Western Electric's privilege to help carry forward his great idea which gave wings to words. In that year Western Electric made its first telephone. More than 45,000,000 have followed it—over 4,000,000 of them in 1946 alone.

Today, from coast to coast, in factories, offices, distributing houses and central office installation crews, there are more than 110,000 Western Electric workers. Imbued with the Bell System spirit of service, they are helping to provide equipment in record quantities to meet telephone needs far beyond any envisioned by the inventor.

Alexander Graham Bell

This year marks the 100th Anniversary of Bell's birth in Edinburgh, Scotland, on March 3, 1847. From early youth, he was keenly interested in aiding the hard of hearing. He became a teacher of "visible speech" when 18 years old.

This work led to experiments with "telegraphing" sound, out of which, in 1876, came his greatest invention—the telephone.

Dr. Bell was a great humanitarian as well as a great scientist. His accomplishments—in aiding the deaf, in communications, in aviation and other fields—were outstanding. His rich life—which had an incalculably great influence on the world—came to an end on August 2, 1922.

Western Electric

A UNIT OF THE BELL SYSTEM SINCE 1882

IN SWIMMING at ILLINOIS TECH ERNIE HELLMER
Has the "Edge"
That's why he won 10 Firsts in the Breast Stroke in 12 Meets.

AND IN RAZOR BLADES

PAL

HOLLOW GROUND

HAS THE "EDGE"

5 WAYS

LONGER LASTING
SMOOTHER SHAVING
KEENER EDGES
MORE ECONOMICAL
UNIFORMLY PERFECT

Try one!

DOUBLE EDGE
4 for 10¢ or 10 for 25¢ or 25 for 50¢

SINGLE EDGE
ECONOMY SIZE 50 for 1¢
Rust Resistant

PAL HOLLOW GROUND BLADES ARE MADE IN U.S.A.
CANADA, BRITAIN AND SO. AMERICA. SOLD THE WORLD OVER

Visual Ed Department Offers Variety of Educational Films

by Harold Nelson

One of IIT's supplemental, 'behind the scenes' departments is the Visual Education Department. The department has its offices in Machinery Hall and is directed by T. F. Lindgren, who is aided by seven student operators and one assistant for photography. The primary job of the department is operating projectors for the different lectures. Last term 525 showings were given and approximately 50,020 feet of film was used. The subjects run from "How To Can Tomatoes" to "How To Pour Hot Lead." The Technical Drawing department is the largest user of film, giving nine showings a week. Alumni groups, the Psychology Department, the Fire Protection Department, the Industrial Engineering Department, and the Safety Department also use visual education to a great extent. Besides school departments, the films are used by some industries in their training programs.

In addition to showing pictures the Visual Education Department also makes pictures and slides. To accomplish this the department has a special duplicating setup and three well supplied dark rooms.

In production now is an alumni news reel showing the progress on the construction of the new buildings. The reel starts with the dedication of Alumni Memorial Hall and will run to the dedication of the two buildings now under construction. It shows the work in all its phases but unfortunately the day the new Chemistry building started to lean was too dark for color filming and, although the department has some still shots of it, the incident will not appear in the news reel.

Dr. L. F. Mondolfo Joins Metallurgy Department

Dr. Otto Zmeskal, director of the Department of Metallurgical Engineering, announced recently the addition of Dr. L. F. Mondolfo to his staff. Dr. Mondolfo joined the staff at IIT in February, 1947, as associate professor of Metallurgy.

Dr. Mondolfo was born in Senigallia, Italy on August 20, 1910, and was graduated from the Regis Politecnico at Milan, Italy, with a doctor's degree in Mechanical and Industrial Engineering in November, 1933. Upon graduation, Dr. Mondolfo served for two years as a Reserve Lieutenant in the Engineers' Branch of the Italian Army.

In 1935, Dr. Mondolfo began work in Milan with Isotta Fraschini, manufacturers of automobiles, trucks, and airplane engines, in the light alloys foundry and later in the research laboratory. Dr. Mondolfo came to the U.S.A. in 1939 and worked with several smelting companies in the Chicago area, and finally with the Reynolds Metals Company, first, in the production department and later in the research laboratory. Dr. Mondolfo is the author of several articles on light alloys as well as the book, "Metallography of Aluminum Alloys" published in 1943.

RADIO CLUB

(Continued from Page 1)

Epsilon, stated that many students at IIT have tubes, condensers, transformers, speakers, antennae, etc., that they would like to sell or exchange for other radio or electrical gear. He added that anyone interested in making a "swap" need merely leave the name of the article for exchange, what is desired, and his own name and phone number on a slip of paper, and drop it in the Exchange Box in Rho Epsilon's quarters, fourth floor, second entrance, Chapin Hall.

Grades Averaged By New Method

Several changes have been made in the Institute's methods of figuring grade point averages. The purpose of these changes, said C. E. Deakins, director of student services, is to have the student's average present an accurate account of his work at Illinois Tech.

Grades received at other schools will not be included in the determination of a student's average. Credit given by IIT for courses taken elsewhere carries with it the semester hours earned at the other school, but not the grade. Only grades and semester hours accumulated here will be used in certifying eligible men to honor societies.

In addition, students will be ranked in their class at the end of each semester. This rank will be figured on the accumulative record of the student at Illinois Tech only. Transfer students will not be ranked unless they have completed at least two years of study here. The student's rank in his graduation class will be recorded on his transcript.

In figuring a student's average, all courses taken more than once here at IIT are counted as often as they were taken, both as far as semester hours and earned grade

Kimball Announces Start Of All-School Chess Play

The first all-school chess tournament, sponsored by the Engineer's Chess Club, will be open to all students and members of the faculty on payment of the twenty-five cents entrance fee, announced Hal Kimball, president. The winner will receive an expensive chess set; and the runners-up will be given recent editions of the "Game of Chess" by Dr. Tovasch, and the "Golden Treasury of Chess" by Wermuth. All those wishing to compete must contact chess club President Kimball before Friday, March 23. The tournament will begin in the West Dining Room, the 28th.

The tourney will be of a modified round robin nature, and should last through April. Although the chess club meets regularly every Friday, the games will be arranged at the convenience of the two players involved. All details will be explained at the first meeting.

points are concerned. Thus if a student made a B in a 3 hour course after receiving a D or E in it, his average in that course would be 6 grade points divided by 6 semester hours or 1.00, corresponding to a "C". Making up a course once flunked does not remove that flunk from his record, it merely adds the second attempt to it.

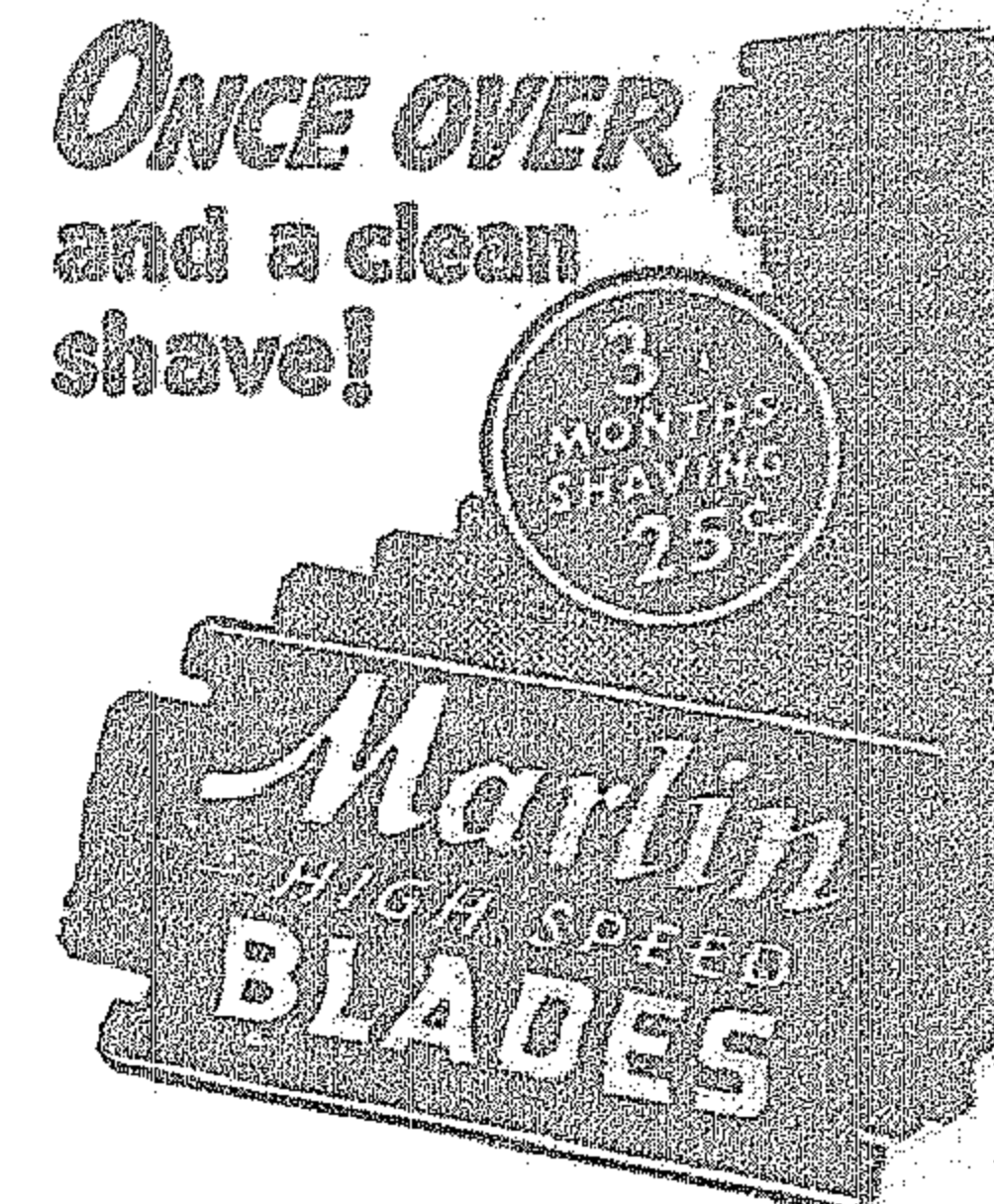
Red Cross Receives \$422

Mrs. Nancy Kasnicka, president of the White Collar Girls' Club, announced that a total of \$422.25 was collected in the recent Red Cross drive. The White Collar Girls' Club was in charge of the Red Cross drive among the faculty and staff members which was from March 1 through March 15.

Newman Club to Sponsor Talk and Dance Tomorrow

On Wednesday at 7:30 p.m. in the Student Union Lounge the Newman Club, composed of Catholic students, will have its first evening meeting of the semester. Dr. George M. Schmeing of Loyola University will speak on "The Relationship Between Science and Religion." Girls from St. Francis Xavier College have been invited as guests are refreshments will be served. This meeting is open to everyone, non-members and also non-Catholics. Dancing will follow the meeting and lecture.

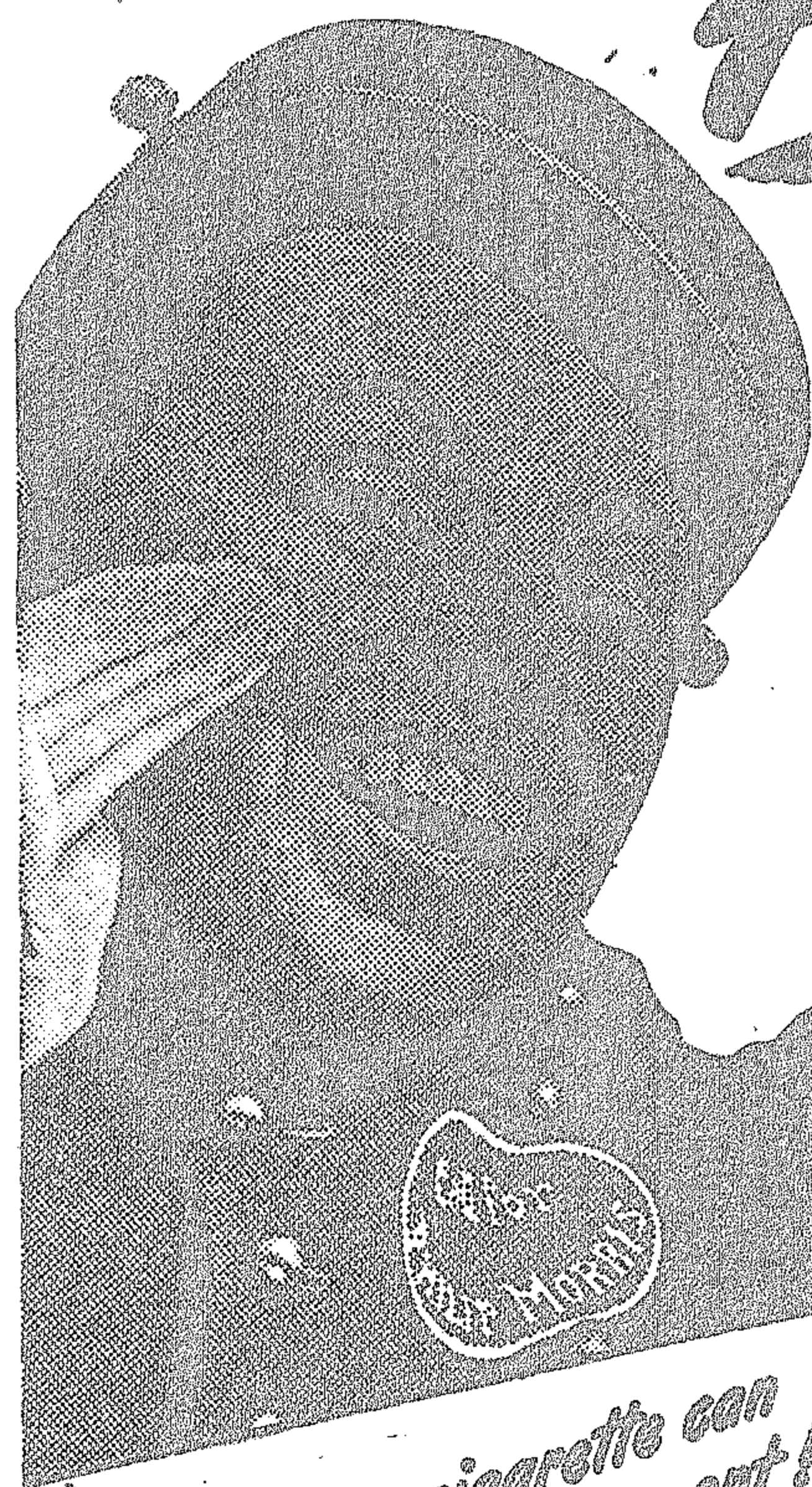
Rogues Gallery
This Saturday



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