

Techhawk's six man team whips U. of C.

Dancers hail Turkey Trot sparkling success

Without a doubt, the Tech Turkey Trot, Illinois Tech's social "curtain-raiser" was acclaimed, by all who attended, as one of the most enjoyable and successful dances ever to be held in the Student Union.

The dance, held last Saturday, November 21, featured the music of Jimmy Blade and his orchestra. Satisfaction with the musical offerings was evidenced by the spontaneous bursts of applause which climaxed each number. Use was made of all Student Union facilities: dancing progressed unhaltingly in the auditorium, and the "rip-roaring western 'talkies'" in U2W played to capacity crowds at each performance. Cameraman Larry "Doc" Nadel was eloquent in his appeals to the audience to "hiss" the villain and cheer the hero. Members of the faculty were in large attendance, most of them visiting after their banquet had ended at ten o'clock. President Heald, caught up in the whirl of joviality and good spirit prevailing remained to see most of the dance contest.

The climax of the evening was the dance contest. Two separate contests were held—one for jitter-bugs and another for ball-room dancing (smooth stuff). John Range and his companion, Arline Shaver, finished second to a frosh and his date in "jitter-bugging" and in a tie for first in the ballroom dancing contest with George Martinek and his fiance, Ann Demeter.

(See Dancers on page 3)

Tech timetable

- Tuesday, November 24
 - 6:00 Sphinx Banquet.
- Wednesday, November 25
 - 5:00 Honor I, Weissman's Office
 - 5:10 Dance Club—Auditorium.
- Thursday
 - Friday) Thanksgiving Vacation Saturday
- Monday, November 30
 - 2:00 Glee Club, Lewis apartment. Important.
- Tuesday, December 1
 - 5:00 SUBC—Faculty Grill.
 - 7:00 Pi Tau Sigma Banquet, Downtown.
- Wednesday, December 2
 - 5:00 Dance Club, Auditorium.
 - 6:30 Tau Beta Pi Banquet, Downtown.
- Thursday, December 3
 - 5:10 Glee Club Practice, Auditorium.
 - 7:30 AIChE, Alpha Chi Sigma, Phi Lambda Upsilon, and Lewis Chem. Soc., Smoker Student Union.
- Friday, December 4
 - 10:10 Frosh Class Meeting, 305M. Sophomore Class Meeting, Aud. Junior Class Meeting, U2W Senior Class Meeting, 202M.
 - 8:00 ASCE Smoker, Lounge.
- Saturday, December 5
 - Phi Lambda Upsilon Initiation.
- Wednesday, December 9
 - Interhonorary Banquet, Downtown.

SUBC discuss Union

The Student Union Board of Control had an important meeting last Tuesday night. Many things were discussed. First of all Cliff Oliver, the junior representative, was appointed Secretary of the SUBC. John Reed, Sophomore representative was given the honor of taking care of the school calendar. He fulfills his duties by bringing the calendar up to date every Friday afternoon.

The members of the SUBC are looking around for a juke box to replace the radio and phonograph in the Student Union Lounge. It seems that too many records have been missing of late. Someone even took the pick-up for the phonograph which makes it useless. This will explain the absence of phonograph music in the lounge. If a juke box is

put in, all these difficulties will be overcome. The students can't complain because they asked for it!

A sign will be put up in front of the checkroom saying that no tipping is allowed. At the last dance a great deal of money was taken in from tips. After all, students at Illinois Tech have already paid their fee for the checkroom; and the workers are paid regular salaries just like any other employee of the Student Union, so there is no need for any extra expense.

The SUBC is working hard to get the mess in rooms U2E and U2W cleared up. If their plans turn out all right, U2W will be used for study only, and U2E will be made a ping pong room as before. Any classes now being held in U2W will be switched over to the new Victory Hall.

Navy preflight school presents success in training of 18-19 year old class

"How will our 18 and 19 year olds take to military training?" This is one of the outstanding questions in the mind of the American public today.

The Naval Aviation Cadet Selection Board in Chicago, which is the enlistment headquarters in this area for Navy Air Force pilot training, sought to answer this question from the records of the teen-age youths it has sent into training. It turned first to the U.S. Navy Pre-Flight School at Iowa City, Iowa, where the future fliers of the fleet are put through a conditioning course that is the most intensive given anywhere.

Lieut. Colonel Bernie Bierman, director of the school's vast athletic program, had this to say about the young cadets:

"Physically the 18- and 19-year-olds are in fine condition, and it is not difficult to maintain that condition among them. Mentally, we find these boys are eager, conscientious

and have the highest morale on the base."

In the military activities at the Pre-Flight school, the younger men also have shown themselves ready, willing and able. Especially in drilling, Lieut. Fielding Jones finds, they have a greater aptitude for learning and remember what they learn longer than their older mates.

These are the men, the Naval Aviation Cadet Selection Board knows, who will chiefly be fighting the Navy's air battles in the months to come.

According to Lieut. Comdr. Carl G. Olson, senior member of the Board, 79 percent of the 750 pilot cadets enlisted in this area last month were under 21 years of age, with 43 percent of these men 18 and 19 years old.

Research group discuss war ideas

The Armour Research Foundation held its first meeting of the full research staff last Wednesday afternoon with 87 research men and women present.

Much of the session was devoted to problems arising from the new demands upon the Foundation in connection with war production. Mr. Harold Vagtborg, director of the foundation, reviewed the history of the institution for the new members and described some of the plans for the future. Dr. George Ziegler, chairman of the selective service committee, spoke on the war work and William B. Hammond, business manager, described the workings of the new retirement system.

Weekly meetings of the Joint Scientific Advisory Council of the Foundation and the Institute of Gas Technology have been suspended.

No deferment changes - yet!

Henry Townley Heald, President of Illinois Institute of Technology, after returning from a recent trip to Washington, states that there has been no change as yet in the policy of deferment for engineering students, that is students who have completed two or more years are eligible for deferment until graduation.

However, changes in these regulations in the very near future are not only possible but probable. One change, already mentioned in Congress, is that all students be inducted into the army, be given a short period of indoctrination training, and then sent back to engineering schools for further education.

Glee club

off for Rockford

Active results will be achieved by members of the Musical Clubs on December 10th when they will not only entertain but will be entertained at Rockford, Illinois.

At noon the clubs will perform before the Rockford Rotary Club at the Nelson Hotel. For many seasons the Orchestra and Men's Glee club have presented programs that have been highly acceptable by civic clubs. Their singing and playing has been very good and the type of program presented has always made a fine impression. Men like to listen to a program that has a "punch," and surely the Rotarians will not be disappointed. The clubs are prepared to give the classics, semi-classics, and some lighter numbers including "Praise the Lord and Pass the Ammunition" and "Der Fuehrer's Face."

The setting for the special feature will be the ballroom of the Faust Hotel. The guests will be seventy-five beautiful and charming girls. The feature itself will be a tea dance.

Following the Tea Dance, the clubs will present a program in the spacious lobby of the Faust Hotel.

Photo elasticity group ends two day meeting

The sixteenth meeting of the Eastern Photo-elasticity Conference opened Friday, November 13 at the Illinois Institute of Technology. The conclave, which is a semi-annual affair, lasted two days.

Chairman of the conference was Dr. W. M. Murray of the Massachusetts Institute of Technology. He was one of eight men from many schools to address the conference.

The local committee arranging the conference consisted of Doctor Clayton O. Dohrenwend, chairman; Doctor Charles O. Harris; and Doctor LeVan Griffis.

Score after last minute

Maroon rally

by Dick Larson

With only twenty-five seconds between them and a defeat at the hands of the Maroons last Friday, Jimmy Bell drew back his right arm on a fourth down, last ditch effort to turn the tide, and when its arc had been completed, Midge Goluska was the happiest boy on the field with six points and victory in his arms.

The play, which climaxed a seventy yard march after the Maroons had taken the lead for the first time all afternoon just a few minutes before, brought the count to 26-22, enough to snatch victory away from a team which they had completely and consistently outplayed.

Bell kicked to Chicago's 25 as the game got under way, but Pete Pollard was there to stop the carrier after a five yard return. Pollard stopped two more tries around his end for no gain but a third down pass was good to Tech's thirty-five and a first down. The Techmen held; taking the ball over for the first time when a fourth down pass was incomplete in the end zone.

TECH BEGINS MARCH

Jim Bell began tuning up his arm with a 30 yard heave to George Martinek to start the team rolling. Another pass was good to Midge Goluska on the fifteen. Martinek plunged through the line for a first down on the Maroon's seven. A penalty for too much time out put the Techmen back to the twelve and a fumble cost them five more. Zemaitis then circled his end to make up the lost yardage, but a fourth down pass was incomplete and Chicago took over.

Martinek pounced on a Maroon fumble shortly after, and Bell gave the boys from Chi an inkling of what was to come when he connected with Buzzy Hillman on a thirty yard pass play as Tech broke the ice. Bell's conversion was perfect and the Techawks led 8-0.

Bob Rubenstein broke through on the second play after the kickoff to smear an attempted pass, and once again George Martinek proved himself a ballhawk, recovering for IIT on Chicago's 24 as the quarter ended. Tech was unable to do anything as the second quarter began and an exchange of punts followed after two unsuccessful tries on the ground. Bell again faded back on a fake reverse and chucked one to Martinek on the fifty. George eluded three Chicago tacklers plowed all the way to the goal. The conversion try was unsuccessful and the score was 14-0.

CHICAGO STRIKES BACK

Tech kicked to the Maroons ten. Hillman there stopped an attempt to circle his end but Chicago completed a pass good for a first down, Goluska making the tackle on the thirty. Another first down followed as Chicago's running plays began

(See Techawks on page 6)

Physicists give papers

Several members of the Physics Department will present papers at the Chicago Thanksgiving Meeting of the American Physical Society to be held at the University of Chicago in Ryerson Physical Laboratory on November 27th and 28th.

A paper on the Anode Effect will be given by Professor Paul L. Copeland. A paper on Secondary Emission of Electrons from Special Surfaces will be given by William R. Kennedy and Professor Copeland. Mr. Kennedy is working for his doctor's degree under Professor Copeland's direction.

Marvin H. Wilkening and W. R. Kanne will discuss some Phenomenon in Geiger-Mueller Counters. Mr. Wilkening presented much of this material in his master's thesis recently worked out under Dr. Kanne's direction.

Three papers will be presented from the Spectroscopy Laboratory. One of these will be presented by Dr. F. F. Cleveland on the Raman Spectra of Some Organic Compounds. Dr. Cleveland and two of his graduate students, Arnold E. Meister and Dwight T. Hamilton with the collaboration of Professor Murray of the Chemistry Department will present two other papers on the Raman Effect.

IIT profs attend ASME convention

Illinois Institute of Technology faculty members will play an important part in the annual meeting of the American Society of Mechanical Engineers, which will be held in New York from November 30 to December 4.

Dr. Max Jakob will give a paper on "The Influence of Non-Uniform Development of Heat Upon the Temperature Distribution in Electrical Coils and Similar Heat Sources of Simple Form". Professor Jakob will also participate in the discussion of a paper: "Heat Transmission through Boiler Tubing."

Dr. Hans Reissner will present a paper entitled "Aero dynamic Center, Control and Stability," before the Aviation Section.

The mathematics department will be represented by Dr. Michael Sadowsky who will present a paper on "A Principle of Maximum Plastic Resistance" before the Plasticity Section.

Professor J. I. Yelott will attend the meeting and much of his time will be devoted to the affairs of the student branch and the effect of the war program upon them.

The Armour Research Foundation will be represented at the meeting by Mr. W. R. Mehaffey, of the Foundation staff, who will read a paper prepared jointly with Dr. C. O. Dohrenwend, head of the Foundation's Engineering Mechanics Section, on the topic of "Measurement of Dynamic Strain."

Seniors and 5th year Co-ops are requested to check their records in the Registrar's office to determine whether they are eligible to graduate in February or May.

Lunchroom advance begins

Our cafeteria is gradually undergoing improvements. Miss Lippert, the new Director of Food and Service, has been working out plans, which, when completed and carried out, will give us a much more sightly, efficient, and desirable cafeteria. She has started by improving several things which do not appear on the surface, but which must be remedied. A new cafeteria book-keeping system is an example of one of these changes.

Because of the difficulty in securing labor and materials, it is impossible to say just when the noticeable improvements will come about, but it is promised that everything possible will be done to achieve the aim.

With reference to a better menu Miss Lippert said, "Rationing, to some extent, will keep the menu from having all of the desired variety, but there will be improvement both in menu and food. Everything possible will be done."

Armour students are asked to do their part to bring about some of the cafeteria efficiency. The cafeteria is overcrowded between 11:00 a. m. and 2:00 p. m., and from 5-6:00 p. m., and much of it is unnecessary. If students will voluntarily refrain from studying and visiting in the cafeteria, especially during these hours, they will avoid some of this crowding.

Honoraries

Ten student engineers at Illinois Institute of Technology have been honored for proficiency in their work by being pledged to honorary engineering fraternities.

Two honorary fraternities selected new members this week. They are Chi Epsilon, civil engineering fraternity, and Eta Kappa Nu, electrical engineering group.

Four initiates of Chi Epsilon are: Donald J. Maihock, William Nash, William W. Parks, and John Volakakis.

Eta Kappa Nu has initiated six new members. They are: Alvin B. Coyle, Victor Graziano, Joseph Hind, Jr., Gerald Landsman, George Raskam, and Harold D. Ross.

Membership is bestowed on students, for their interest and outstanding work in the various fields.

Phi Lambda Upsilon

Phi Lambda Upsilon, honorary chemical engineering fraternity, headed by Robert Kirk, senior chemical engineering student, recently pledged its new members. The pledges are H. Pokras, Louis Smith, both graduate students; Peter Blasco, Fred Greenwood, Lawrence Hadlock, Louis Feldman, Morgan Fitch, and Francis Kosco, all seniors; and Donald McMillan and Pat Columbo, juniors. The initiation date is set for December 5.

Rho Epsilon

Last Friday evening Rho Epsilon added seven new members to its ranks. The pledges were Victor Graziano, John Pottenger, Casimir Raudonis, Julius Simon, Alfred Roberts, Ulysses Backas, and John Stoner.

Rho Epsilon, an honorary radio fraternity includes in its membership both radio amateurs and those engaged in the interests of radio as a profession.

Letters To The Editor

Dear Editor:

Is the most honored of our honorary fraternities degenerating into an organization without a purpose?

Some of the omissions on the pledge list caused a feeling of shame in me—shame, because I wear the key of Tau Beta Pi.

The top man in the graduating class did not "get in" because of some childish, petty prejudices harbored by a small clique. The same happened to several other seniors with records far better than those exhibited by this small group.

It seems as though they have an aversion to high scholastic averages. Not only is this borne out by their choices in the senior class, but by those in the junior class, also.

It cannot be lack of activity that was held against them, because these men are either engaged in numerous activities, or earn 100% of their school expenses. Furthermore, they can't possibly be "social outcast"; they've cultivated too many friendships.

An organization without a purpose is worse than no organization at all. The original goal of the fraternity is a laudable one. Now that the prerequisites for membership are:

1. Have a friend in the clique.
2. Maintain not too high an average.

I suggest that Tau Beta Pi apply for membership in the **social Interfraternity council**.

(P.S.: Let's see if you can print this).

—Phil Rosenberg

Organizations Wranglers

Wranglers, Co-op Human Engineering Society, welcomed two new members to their midst. The new men are Warren Moore, 3B, and Robert Nagel, 1B. Ed Opila, chairman of the Initiation Committee, conducted the ceremonies which took place Monday, November 16, in the Faculty Grill.

After the initiation, guest Morgan Fitch explained the Honor System. Wranglers are all B-group Co-ops and were not in school when the Honor System became effective.

ASME

Although the semi-finals of the touchball tournament were held during the last student meeting a fair attendance listened to Professor J. I. Yelott speak on "Ice Formation in Steam Nozzles".

Due to the entire executive committee graduating in February an election was held to provide the organization with a 2nd and 3rd vice chairman. Messrs. Osborne and Cubbidge being the men elected.

The annual drive to make IIT the largest student branch in the United States will close the 27th of November. Any mechanicals wishing to join either go to Room 302 Machinery Hall from 12:00 to 1:00 or see one of the membership committee.

LOST

One set of balance weights No. M-54. Finder please return to Blake Hooper, ChE, Beverly 0355. Reward.

GREEKS

Alpha Sigma Phi

Brother Hackbarth, now an ensign in the Navy, has leave until November 26 and so was present the day of the football game with the Phi Kaps. The same day that Hackbarth visited us, Lieutenant Colonel Bachmann of the Army Medical Corps, a relative of Brother E. Howes Gage, also visited the House.

Beta Omega Nu

As some persons have the wrong idea about BON, the column this week will state the principles of the honorary organization. It was founded by a group of fraternity men in 1938 for the purpose of smoothing out some of the minor differences between the various fraternity houses, and also differences between these houses and the Institute. The gathering was to be very informal and frank, so the discussions are carried out over a glass of beer (nothing stronger).

Beta Omega Nu is almost entirely unknown, except from its initiations and stags—hence the idea that it is a society for drunks.

Daedalians

The "D's" have had a wonderful time lately, picking on pledges Vic Smith, Billy Weld, Jack Fitzgerald, Don Gedmain, Ken Giles, Chuck "Shoiman" Bindig, Russ "Gordon Comet" Komen, and Dr. Melvin Shultz of the Lewis Chemistry department. This week is "Hell Week" and will be climaxed by the informal initiation up at "Steve" Stevenson's place at Paw Paw lake on the 27th, 28th, and 29th.

Both actives and pledges had dinner at Little Jack's Friday night and then stumbled over to Regent Bud Carlson's for a beer party.

Kappa Phi Delta

Kappa Phi Delta Sorority held their pledging services yesterday. Those pledged were Jane Ahrens, Lillian Segers, Isabel Winter and Delores Zwierzki. Each pledge was presented with a corsage of red roses.

Pledge-mistress, Florence Bartsek has many ideas in store for the girls and will work in coordination with Eileen Robinson, Patricia Arns, Ruth Body and Gloria Korzor, the sponsors this semester.

Phi Kappa Sigma

Last Saturday night a cabaret party was in full swing at the Skull House. Everyone had a good time due to the splendid planning of Bob Bartlett and Frank Havlik. There was a buffet lunch, and dancing to a wonderful selection of records. Sixteen couples were present, and all were in a good humor.

Sigma Omicron Lambda

The Sigma Omicron Lambda sorority received four new members last Thursday afternoon. They are Hope Iverson, Betty Courtwright, Myrna Lakay, and June Zimmerman. After a hearty welcome, the pledges were taken to lunch. The formal pledging ceremony took place last Friday.

The Lambdas are kept busy with their Thanksgiving Basket, which they present to a needy family, every year.

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Soph Co-ops enter finals; turn back Sr. Mechs 6-0

Tourney nears end at Lewis

Registering twin victories, the Raiders climaxed last weeks touch-ball schedule by defeating Zeta Beta Alpha 14 to 0 and the Blitzers 20 to 13, while the Senior Juicers overtook the ReserVeers, 12 to 6.

Coached by Bob Ryan the Raiders downed the Blitzers 20 to 13 in a see-saw battle at Union Park.

In the first few minutes of play Howie Cummings took a forty yard pass from Ed Burke for the initial score. The try for extra point was good and the Raiders led 7 to 0.

Bill Beaver put the Blitzers back into the game with a sixty yard punt return aided by Al Crane's blocking. The Blitzers then jumped to a 13-7 lead when Crane intercepted a pass and sprinted thirty yards to score.

In the second half Burke passed to Cummings who crossed the goal to make it thirteen all. Withbut minutes remaining Burke took a lateral from a double reverse, reversed his field and went fifty-five yards to score and give the Raiders a 20-13 win.

Senior Juicers beat ReserVeers

After a scoreless first half the ReserVeers defense collapsed and allowed the Juicers to put over two scores for a 12 to 6 victory.

A blocked punt, recovered by Jim McDonald, set the Juicers deep in ReserVee territory. The first score was made when Chuck Nelson made a shoestring catch of Larry Rademacher's pass and cut toward the sidelines where Tom Cox blocked out the secondary.

A long pass from Jim McDonald to Tom Clarke resulted in the second score. The ReserVeers scored late in the period on a pass from Paul Brockman to Wally Collett, but could not penetrate the Juicer defense for another tally and the game ended in a 12-6 defeat for the ReserVeers.

Alpha Sigs leaders in Greeks league

As inter-fraternity football season comes to a close only two teams remain undefeated. Alpha Sigma Phi, not scored on as yet, will play Sigma Alpha Mu in the championship game Monday afternoon.

The Alpha Sigs eliminated the Phi Kapps Thursday afternoon by nosing them out in the last six minutes of play on a pass from Al Dambros to Ralph Arboe. The game was tight all the way with plenty of "unofficial" blocking. Ed Allen an Alpha Sig man was knocked out blocking a Phi Kapp man, but he was not injured seriously. The Phi Kapps muffed their chance to score when in the last few seconds a Phi Kapp pass got behind Alpha Sigs safety but the receiver dropped the ball.

The Delts can now claim a perfect record for this season. They have lost five games out of five. They went down in defeat at the hands of the Pi Kapps Monday 6-0.

Battle of the Titans



Herb Howe, soph Co-op end, runs a short pass from Dick Gilbert within inches of Senior Mechs goal line in Friday's semi-final game. Moving up fast are Mechs Al Dambros and Pete Zemaitis. Howe had previously scored the winning touchdown in the Co-ops 6-0 victory.

ARMOUR ALL-STARS OF '42

First Team

Hillman2A Co-ops
Howe2A Co-ops
ZemaitisSr. Mechs No. 1
JonesCicco Wizards
ByrneSr. Mechs No. 1
SwanSr. Mechs No. 1

Second Team

LeaseSr. F. P. E.
Puchalski2A Co-ops
SillaSr. Civils
HindeSoph. Civils
KilgariffCicco Wizards
HurstCicco Wizards

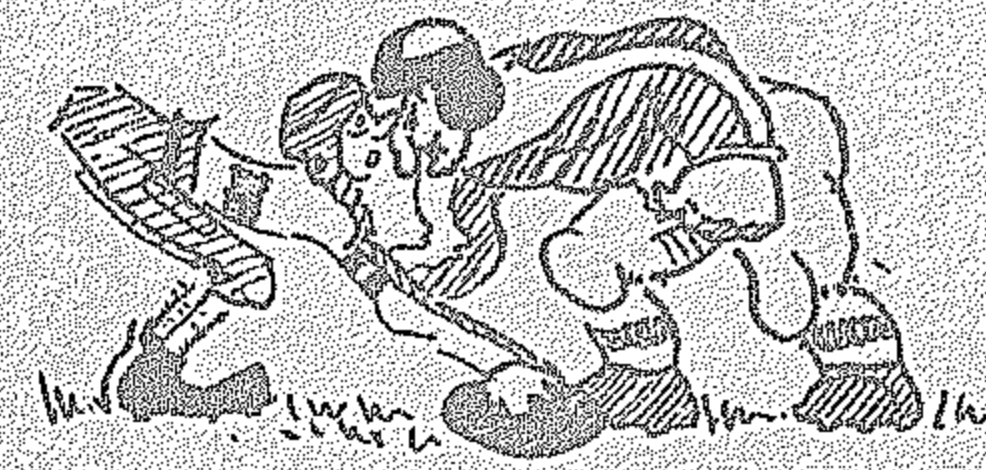
Honorable Mention: Dambrose, Sr. Mechs No. 1; Ladevich, Sr. Mech No. 1; Martinek, Sr. Mechs No. 1; Duerrstein, Senior F. P. E., Rademacher Sr. Electricals; Gilbert, 2A Co-ops.

Senior Mechs #1 place three on All-Stars; Hillman outstanding

With great calm and deliberation did the official referees of the touchball tournament chose the All-Star team listed above. The men so honored were chosen on the basis of their playing ability.

On the first team the 2A Co-ops placed Buzz Hillman and Herb Howe rusher and receiver respectively. Hillman was elected almost unanimously, receiving twenty-seven out of a possible thirty votes. The Senior Mechs No. 1 were represented by Pete Zemaitis, Chet Swan, and Jack Byrne.

For the first time in the history of the touchball at Armour a fresh-



man has been picked on the All Star team. He is Boydie Jones, punter and pass receiver extraordinary, of the Cicco Wizards.

On the second team the freshman also placed Kilgariff and Hurst both of the Wizards. The remainder of the second team is comparatively representative; being composed of Mario Silla of the Sr. Civils, Bill Lease of the Sr. Fire Protects, Casey Puchalski of the 2A Co-ops and Joe Hinde of the Soph Civils.

When the Lewis All-Star team is picked they will be challenged by Armour All-Star team. The game, in all probability, will be played on Ogden Field.

Walovich wins second contest

The winner of last week's Tech News football contest was announced last Saturday at the Turkey Trot as John Walovich, Soph. Chem. Out of a possible ten winners Walovich picked eight winners. He made the easy error of judging Fordham's power from its poor showing last week. Rice's victory over T.C.U. was the other unexpected winner. Walovich won the crisp one dollar bill.

Keith Patten, another Soph Chem, won second prize of seventy-five cents. Patten also picked eight winners, but his total deviation from the true scores was slightly higher. He also missed the Rice vs. T.C.U. game.

There were fifty-five entrants in this week's contest. The averages were even better this week with a notable increase in the number of ballots from Lewis. Be sure to get in this week's ballots on Wednesday; not Friday.

• Dance

(continued from page 1)

Special merit and praise by all who attended was voted Jack Donovan and Miss Isabel Winter, co-chairmen, and their committees of Armour and Lewis, respectively. These freshmen, under the supervision of the all-school social committee, did noble work in the preparation and conduct of the dance.

Eight teams dropped from tournament

by Ulysses Backas

This was a week of eliminations for the remaining intramural football teams of the tournament. In a little over 50 days, the 36 teams have dwindled down to two finalists, the 2A Co-ops and the Senior Mechs, No. 2, with the Co-ops heavy favorites to capture those hard earned medals.

Never before in the history of the tournament has it ended before December or January. Credit must be given for the expert handling of the tournament by Pete Zemaitis. Pete saw to it that the games were played on time and were officiated efficiently. He has heard many belly aches and he has had to compete with the accelerated program, yet the tournament has run off smoothly.

Soph Chems dropped

The week began with the first defeat of the Senior Juicers by the undefeated Soph Chems to the tune of 18 to 6. These same Soph Chems dropped a close contest to the champs, the Senior Mechs, No. 1. This game was one of the many thrillers of the week. The Chems let 7 to 6 till late in the game when the superior strength of the Mechs downed them. Final score—13 to 7. This eliminated the Chems.

The Senior Juicers played again and once more went down in defeat for the second time in the tournament and the second time in this "jinx" week. The classy playing of the Cicco Wizards proved to be a little too much for the Seniors. This contest ended in a 7-0 count. Towards the middle of the week the contests became even closer and harder fought than the proceeding ones.

The Cicco Wizards met the Senior Mechs, No. 1 and fought for two overtime periods to determine the final victor. At the half the score stood 7 all and at the end of the game at 13 all. The first overtime produced no score and the second overtime ended in the close result of 19 to 13.

Mechs eke out two

The Senior Mechs No. 1 went on their winning way in the beginning of the week but their victories were not as easily won as those earlier in the tournament. The Mechs turned in wins over the Soph and Senior Civils by the scores of 6-0 and 13-6. These contests were both hard fought and full of fight and spirit. A few protests arose but they didn't materialize.

That powerhouse team, the 2A Co-ops met with the unbeaten Soph Civils before the Mechs had dropped the Civils. The result of this contest proved the super playing of the Co-ops. The Co-ops machine ran up the highest score of the week; the game everyone was waiting for. The 2A Co-ops playing the Senior Mechs No. 1. A crowd of over half the student body attended. This game was an exhibition of how tough football should be played. It ended in a 6-0 victory for the Co-ops and the "king" Mechs were dropped from the tournament.

Howe scores lone tally for semi-final win

Last Friday morning saw an unbeatable 2-A Co-op team practically clinch the touchball championship with a hard-won 6-0 victory over the chapion Mechs No. 1. With a line-up of Gilbert, Howe, "Casey" Puchalski, Smart, Hillman, and McDonald the Co-ops proved too tough for the desperate Mechanicals. Intercepted passes by the Co-ops were the undoing of the Seniors.

Hard-rushing linemen of the co-ops forced the Mechs to kick from their own end zone immediately after the kick-off by the Co-ops. Passing the ball back to the Mech's five yard line the Co-ops barely missed scoring as the Mechs took over on downs. Another interception off the hands of Martinek nearly set up a touchdown for the Co-ops, the Mechs taking over the ball on downs.

After an exchange of punts "Slingin Sammy" Gilbert tossed to Casey and on the second down again passed — into Dambros' hands. After completing a pass to Byrne the Mech line let McDonald through to partially block Dambros' pass which was grabbed by the Co-ops. A pass to Casey by the Co-ops was followed by Gilbert's kick into



the end zone and the Mechs took over; completing two passes to Byrne. As the first half ended in a scoreless tie the Co-ops took over over on down, Gilbert kicking out of bounds to frustrate an intended Mech drive.

Taking over on the fifty yard line after the Mechs had kicked off, the Co-ops failed to gain and Gilbert kicked out of bounds to the Mechs. A Mech passed to Jacobs proved too good, for it set up an interception by Gilbert to give the Co-ops the ball. After completing a pass to Smart, Gilbert tossed a long pass down the sidelines to Howe who stepped over the Mech's goal for the first and only score of the game. The pass for the conversion point was batted down by Byrne.

The Mechs, still full of fight, tried a kickoff reverse to Byrne, but failed. Another intercepted pass by the Co-ops then again put them in scoring distance of the Mechs goal. A near touchdown when Howe dropped a pass in the end zone ended the Co-op drive as the Mechs took over on downs. Swan was caught far behind the line by the Co-op end after which a pass was completed to Byrne. Just to be consistent, Howe intercepted the next pass.

After a trade of kicks with the Co-ops the Mechs found themselves in possession of the ball with only three minutes left to play. Desperately trying to score, the Mechs tossed the ball right into the Co-ops

(See Soph Co-ops page 6)

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Thanksgiving?

Probably the most dangerous thing for an editor of a paper to do is attack his readers. That is just exactly what we intend to do. John Schommer suggested doing this job of telling you a few things allegorically. We refuse to dodge the issue—we are going to "take the bull by the horns." If you can't take it, do not read another word.

This is the Thanksgiving issue and we are going to drill or pound a little thanksgiving and appreciation into you.

We are going to school in the midst of a war-torn world. Our school is a sanctuary compared to most of the other schools in this country. The engineering seniors know they are going to finish and the juniors have more than a fair assurance. This is a lot in contrast to liberal arts and law schools. Our school has not become free from the cutting of draft boards by waving a magic wand. Engineering schools have not been allowed to continue their curricula by any magic either. These things come about only by a "hell" of a lot of work. The school remains at the top of almost every list of better engineering schools. This didn't happen by dreaming either.

Most of you have shown no sign of appreciation for these and many other assets of the Institute.

To be specific:
1. Last week John Schommer kept sixteen men from being drafted so that they could fulfill the more patriotic duty of finishing school. Of these sixteen, only two men thanked him. One man's father called up and expressed his appreciation. What kind of men are you? Schommer did not get paid for it. Pure ingratitude. This has been the case week after week, year after year. Less than half of the graduates placed through "Uncle" John's efforts have thanked him.

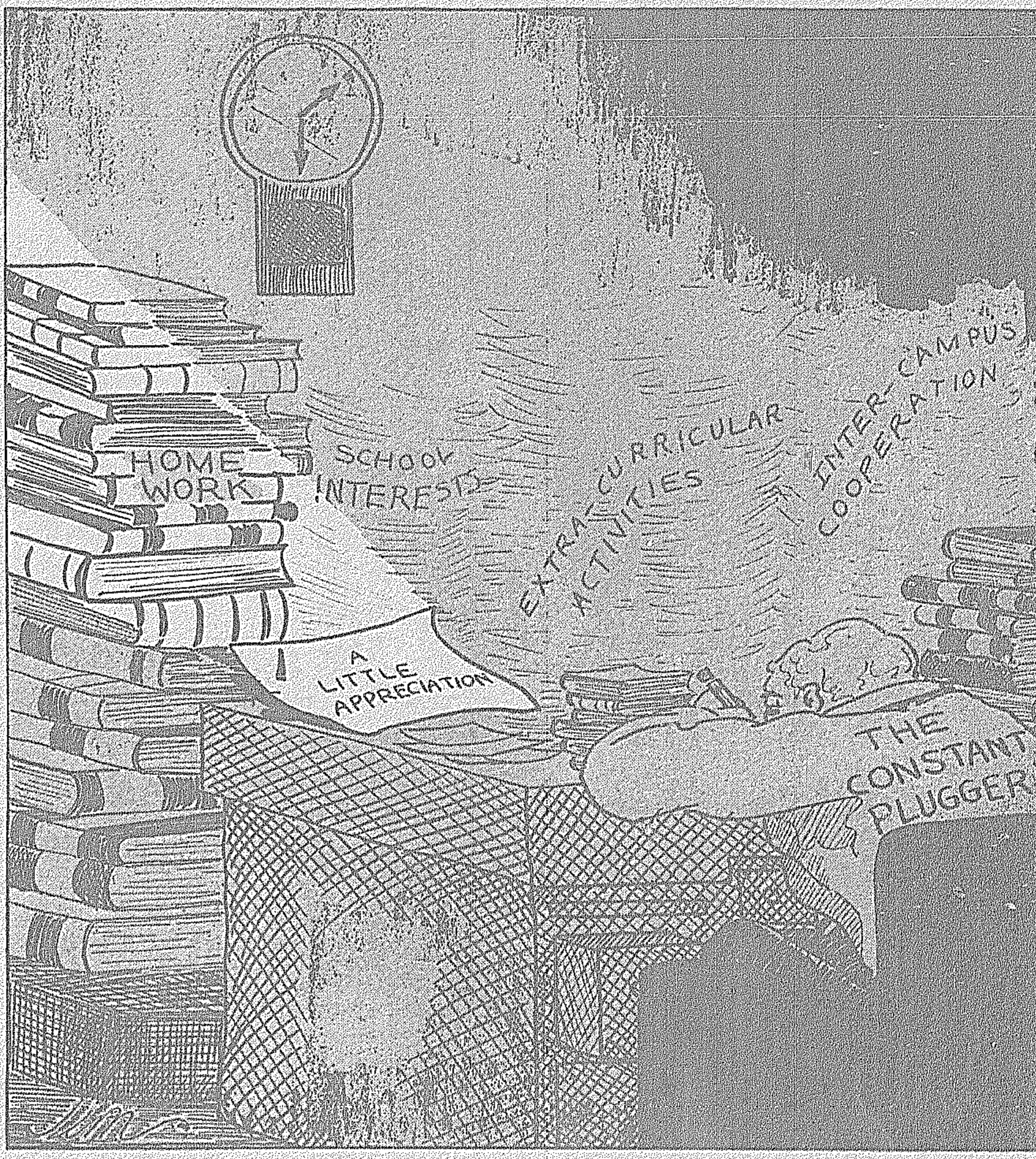
John knows that if one case is lost only heaven can help the rest of us. And that is no FOOLING!!

2. Some men go around making the statement, "To hell with the school! I paid my tuition, now it's up to the school to take care of me. I owe them nothing more than tuition." This is just an assinine statement. Your tuition covers 2/3 of the cost of sending you to school. People who are interested in you and the school have given gifts and established endowments to see that you get an education. Just another case of ingratitude or ignorance.

3. Illinois Tech has one of the youngest and finest faculties in the country. A good many men, from President Heald down, could be making three times what they are making at the school. No, they aren't teaching to make money. They ARE teaching to make engineers and because they LIKE to teach.

4. Mr. Heald as president of the SPEE acts as the spokesman for almost every engineering school in the country. The possibility of the sophomores and freshmen to get more education lies on his shoulders. As advisor to the Navy on education he may be the one to determine what happens to the lowerclass men.

5. This summer, some 400 towels were handed out to seniors, co-ops, and Quant



Perserverance

When things go wrong as they sometimes will,
When the road you're trudging seems all
up hill,
When the funds are low and the debts are
high
And you want to smile, but you have to
sigh,
When care is pressing you down a bit—
Rest if you must, but don't you quit.

Life is queer with its twists and turns,
As anyone of us sometimes learns,
And many a failure turns about
When he might have won if he had stuck
it out;
Don't give up, though the pace seem slow,
You may succeed with another blow.

Often the goal is nearer than
It seems to a faint and faltering man,
Often the struggler has given up
When he might have won the victor's cup.
And he learned too late, when the night
slipped down,
How close he was to the golden crown.

Success is failure turned inside out.
The silver tint of the clouds of doubt
And you can never tell how close you are,
It may be nearer when it seems afar;
So stick to the fight when you are hardest hit,
It's when things seem worst that you
mustn't quit.
Sgt. Jerry Richards

chems. There are now 300 missing. These men enjoyed a privilege and now they will not bother or take the time to return the towels.
6. The senior class is ending up with about \$550 in its treasury. It can spend it selfishly on ourselves, it can contribute something to the school, or buy a defense bond. Right now some of the class wants to pour the money into a dance and the heck with the school.

If anyone thinks in the back of his mind that this editorial is "kissing someone's foot," we would like to know about it.

The time has come for the students to quit backing the faculty and administration, and vice-versa. This school is a co-operative affair. We have to work out the problems intelligently. We must cease to be such groups as Armour, Lewis, faculty, administration, and students. We are ILLINOIS Tech and we should be thankful for this school and this country.

Managing Board

Other
Campuses

The private lives of a family of bacteria which breathe carbon dioxide instead of oxygen are undergoing close scrutiny by University of California scientists.

The microscopic organisms are known as methane-producing bacteria. They die from exposure to oxygen, just as human beings succumb to an overdose of carbon dioxide.

Dr. H. A. Baker, assistant professor of soil microbiology, has invented a system of keeping the microbes in a laboratory without danger of their being affected by oxygen.

First of his race to report for duty at the nation's first and only camp for Negro marines at New River, North Carolina, was H. P. Perry, former law student at Lincoln university.

Standard Oil company has announced two scholarships open to Venezuelan students for study of medicine at Tulane university.

The "Old Oaken Bucket" for which Dickinson and Gettsburg colleges vie on the football field is in reality a mahogany bucket, and only a few years old.

A new college honorary fraternity for student journalists is starting its first academic year at the University of Connecticut. The organization, Sigma Upsilon Iota, calls itself Alpha Chapter, and members are pledged to promote formation of other chapters.

A \$10,570 grant from the United States public health service has been made to the University of Texas John Sealy college of nursing.

Greek government-in-exile reports the University of Athens has been closed for an indefinite period because of serious student disturbance.

William Werstler, jr., traveled by horseback more than 1,000 miles from his father's ranch at Walden, Colorado, to the University of Illinois.

MAN OF
THE WEEK

Tonight's Sphinx banquet will find Patricia Marie Arns, first feminine president of an Illinois Tech honorary, presiding at the initiation. Therefore, we add another feather to the already crowded Arns bonnet by designating her first female "Man of the Week".

Patricia came to Lewis Institute via the scholarship route from Siena high school in 1939. Early in her freshman year she was pledged to Kappa Phi Delta sorority of which she was president last year. As a result of her stellar work at the helm of KPD, she was chosen this year's president of the Pan-Hellenic council, sorority control board.

During her sophomore and junior years Patricia served as class vice-president which entitled her to a seat in the Lewis Student council. At the spring election of the latter group she was elected its president for the current year. Having been Lewis representative in her junior year, Miss Arns is now second vice-president of the ITSA.

The first issue of TECHNOLOGY NEWS found Patricia contributing her services. The



Patricia Arns

quality of her work resulted in her appointment as Associate Managing Editor and subsequent recognition by Sphinx, honor literary society. She further utilized her journalistic and organizational talent as Liberal Arts Editor of the 1942 Integral.

Also included in the list of Arns achievements are women's badminton championship in 1940, selection as a junior marshal for last year's graduation, inclusion in the 1943 edition of Who's Who among Students in American Universities and Colleges, and membership in the Student War Council.

Maintaining a better than B average as a biology major, Patricia plans to receive her bachelor of science degree in June and then establish herself as a laboratory technician. The attractive coed has earned 100% of her college expenses by virtue of her toil during the summers and on Sundays of the college year at the exclusive Spinning Wheel tearoom in Hinsdale, Illinois.

Anonymous

I don't see why we were so slow in lowering the draft age to 18. Where would we have been in the Civil War if we had kept the age high? By the way, have you the figures?

The Union army had 2,278,000 men in it, with only 118,000 more than 21 years old. Here are the official figures:

| | |
|--------------------------|-----------|
| 18 to 21 years old..... | 1,009,000 |
| 18 years old..... | 307,000 |
| 17 years old..... | 613,000 |
| 16 years old..... | 126,000 |
| 14 and 15 years old..... | 105,000 |
| 13 years old..... | 300 |
| 12 years old..... | 225 |
| 11 years old..... | 38 |
| 10 years old..... | 26 |

STEAM SHOVEL Co-operator

by Chuck Rowbotham

Ode to the departing seniors
Lives of great men all remind us
We can make our life sublime
And departing, leave behind us
Footprints on the sands of time.

—Longfellow

The 5A co-ops are about to leave the hal-
lowed precincts of IIT. This is usually an
occasion of mingled joy and sorrow, but un-
der the present circumstances the will to leave
is stronger than the bond that holds them.
During their stay at IIT they have contributed
to many improvements in the Co-op curric-
ulum. The seniors, being with the co-op course
from practically its infancy, were human quin-
ea pigs for many new courses and innovations.
Some have been adopted, many revised, and
a few rejected largely due to the reactions of
this class.

This class also has played a larger part in
school activities than either of their pred-
ecessors thus giving impetus to the trend of
more co-op participation in extracurricular
activities. Tau Beta Pi, Pi Tau Sigma, Glee
club, fraternities, Armour eye, and sports have
all benefited by the presence of these fellows.

The seniors are graduating into a troubled
world, a world deep in the throes of savage,
bloody, global struggle. The cry of industry is
as lusty as the cry of the service. Both be-
seechingly beckon with outstretched arms to
men such as our seniors, men who know how
to work who have had years of factory ex-
perience, who have worked their way through
five hard years of college, who have all these
attributes backed up by a BS degree from the
best engineering school in the Midwest. The
decision is a momentous one which in many
cases has not yet been made. The following
men have heard the call to arms and will enlist
immediately after graduation:—EARL CON-
RAD, FRED BEYER, JOHN ELWOOD, "SAN-
DY" SANDERS, GLENN CARLSON, KEN
WEBB, DAVE JOHNSON, ROBERT LANGE-
WISCH, and WARREN HANSEN. Their
classmates will fight in the "Battle of Produc-
tion" in industry where they are sorely needed.

Here are all the Seniors grouped under
characteristic titles:

Joe College—GRAHAM
Activities—SCHELLSCHMIDT, WITHGOTT
Athletes—SHEARER, KORRELL, ELWOOD,
THODOS
Glee club song birds—SCHULTZ, KOCH,
NERHUS
Brains—ERICKSON, VANDER PLOEG,
BUCHHASS, KAPLINSKI
Shutter-bugs—SANDERS, BEYER
First Married—MASCARELLO
Late but good—BOASANAC, DWYER
Frat—POPPE
Evanston bridge club—LANGEWISCH,
JOHNSON, LA RUE
Field and Stream—HANSEN, WIENHOLD
Pinochle plutocrats—CARLSON, WEBB,
KEOLLER, CONRAD

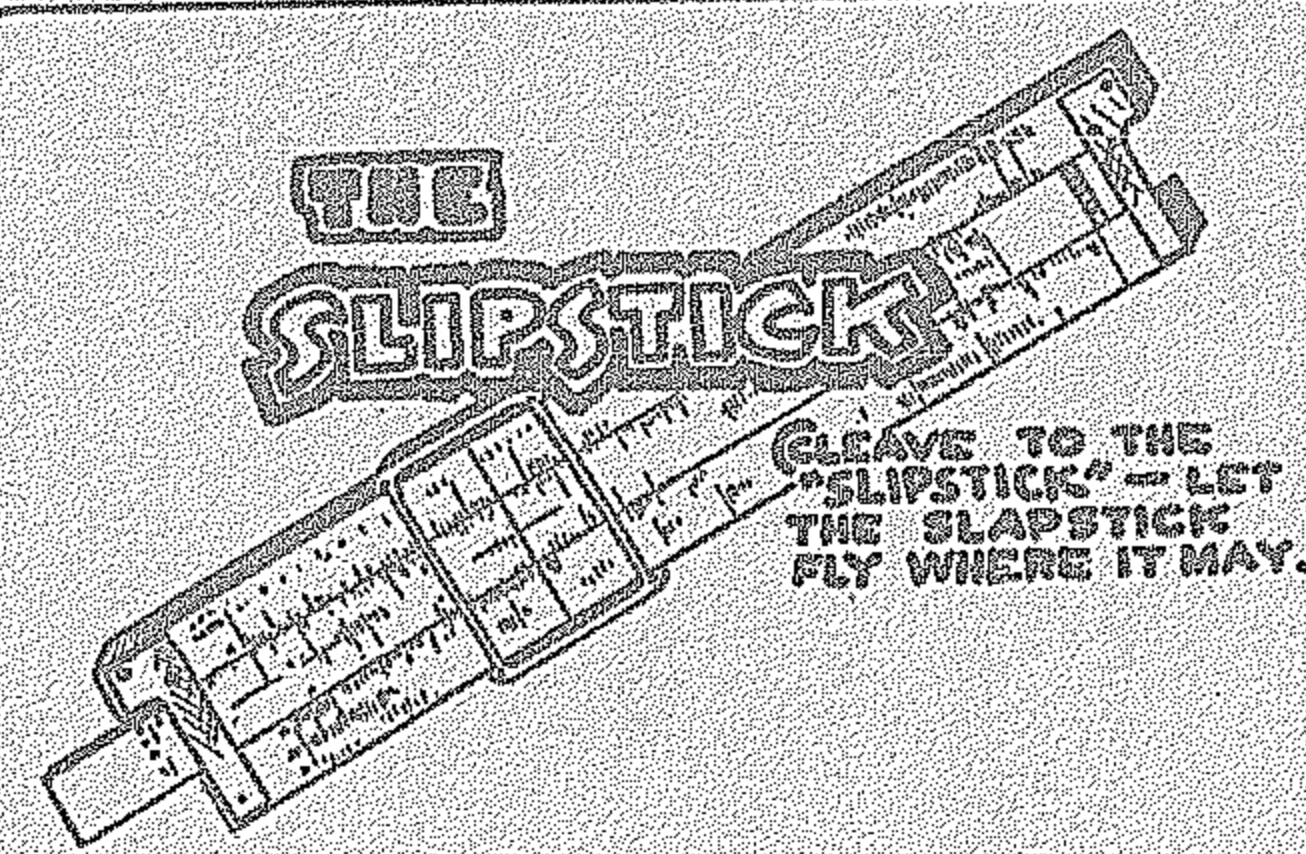
There they are, all twenty-nine of them, a
swell bunch whose familiar faces will be missed
by all of us when we return next term.

So long and good luck.

Dick Parks, the refined super special IA
wolf, is invading new fields. The latest pasture
is "Ruby" that sixty-four inch bundle of fem-
inine pulchritude from the maintenance office.
"Wade-omics" hit a snag last week. In the
discussion of concrete beams, PROFESSOR
WADE told how concrete lamp posts must
withstand a four foot deflection before being
accepted. As WADE happily snorted, PAUL
WILLIAMSON, 3A, dryly remarked, "They
must be wet."

Another hayride!! This one is being given
by the Chicago Screw Company Co-op club
on Friday, November 27 at Stanton Stables in
Glen Ellyn.

"We'll get you there if we have to carry
you on our backs," is the motto of transporta-
tion chairmen KJELBERG and NEIDEL while
KALINA and HOFFMAN guarantees food in
every stomach.



Let's see now, if I run down this flight of
50 steps with an initial velocity of x , when I
reach the bottom I'll have—well, let's try the
experiment! Clear the way, here goes—whew!
oops, look out!!! (((**%))) $\frac{1}{4}$ "!! Lord! I
never knew the earth could hit anyone with so
great a potential energy. Oooowww, my arm.
Say if I don't get some kinetic energy to-
gether to get rolling on this slipstick—well it
all goes to show you. Hmmm? hmmm? Hmm?

Now the little boy who hides behind his
mother's skirt has to get in his high-chair to
do it.

Navy yard visitor: "Can you direct me to
the U.S.S. Satan?"

Sentry: "Never heard of it, madam."

Visitor: "That's odd. Here's a notice which
says the navy yard chaplain will preach this
morning on Satan, The Great Destroyer."

"How'd you get along with your wife in
that fight the other night?"

"Aw, she came crawling to me on her
knees."

"Yeah, what did she say?"

"Come out from under that bed, you cow-
ard."

Jack had money;

Jill had nil.

Jill married Jack,

So Jack had Jill.

Jill went to Reno—

Now she's back.

Jack has nothing,

But Jill has Jack.

A bishop attended a banquet and a clumsy
waiter dropped a plate of hot soup in his
lap. The clergyman glanced around with a
look of agony and exclaimed:

"Will some layman please say something
appropriate."

Angel of Mercy!

"Mamma, do angels have wings?"

"Yes, dear," replied the mother.

"And can angels fly, mamma?"

"Yes, dear."

"Daddy said nurse was an angel last night.
When will she fly?"

"Tomorrow," replied the mother.

"One is never too old to yearn."

Landlady (in hall talking to gal): I thought
I saw you taking a gentleman up to your
apartment last night, Miss Smythe.

Miss Smythe: Yeah; that's what I thought!

Philandering Wife (to salesman hubby):
"Darling, I always worry when you're away
from me."

Hubby: "But, angel, I'll be back back be-
fore you know it."

Wife: "That's what worries me."

A lady came down from the hill country for
a journey to the big city. As he handed her
the long ticket, the agent said: "You'll have
to change twice before you get to New York."

"Mercy me!" exclaimed the woman, "I've
only brought the clothes I am standing in!"

Gosh I feel like blowing up! **) ((% !!!!
BOOOOMMMM!!!! "That's me all over!"

Bye!

Fisher 'Min'

"Sharp" Michaelis, Dean Dutton's pride
and joy, attends a morning class in business
policy given by Dutton, takes notes, and then
gives a lecture to a later class from these
notes. The boys are planning to swipe Mi-
chaelis' notes and then gleefully watch him
squirm under a barrage of questions. . . .

An imposing array of wolves frequent the
Dance Club sessions. These lads, most of them
non-members accord the girls the nicest atten-
tions. Prominently present are John Range,
Jack Byrne, Joe Pryzinski, Chet Swan, etc. . . .

Kenny Jacobs is a modest lad who hides
his masculine charm beneath a suit and pair
of glasses. However our agents have come in
with the tale that Ken's apparent modesty and
shyness is merely a cloak from behind which
he wages relentless campaigns on many lush
thrushes. The latest woman is a product of
St. Xavier's, whom Ken took to the Pi Tau
Sigma gathering last Friday night. . . . It is
the same Kenny who carries a bottle around
in his vest pocket, and gives the weak explana-
tion that it's cough medicine. It looks too
much like the familiar half-pint bottle to us.

Freshman Tom Kilgariff is the latest athlete
to discover that the area-way between the
showers and the lockerroom in Main are too
much exposed to the public view. One night
last week Tommy dashed from the showers
toward the lockers, clad only in moisture from
the shower, and ran smack into one of the
local females who happened to be standing
outside. . . .

Paul O. Ridings is the pappy of a girl, born
last Wednesday. . . . This column suggests
that someone start a movement to buy "Un-
cle" John Schommer a new hat. The old one
is rapidly disintegrating under the terrific pun-
ishment given it at the hands of this dynamic
personality. . . .

Seems as how Dick Larson's versatility is
doing his wallet no good this semester. He is
currently trying to figure out ways and means
of paying the pledge fees to Tau Beta Pi,
Honor I, and Sphinx. . . .

Dr. Otto Zmeskal gathers a few more grey
hairs in his wool every time he watches Martin
Kessler doodle with the X-ray equipment of
his senior project. Kessler recently had the lab

jumpin' when the equipment arced to the
ground and some of the tubes ceased to
function thereafter. . . .

Ruby Lemke seems to be gaining in popu-
larity around the campus. Latest adherents
are Motts Silla and Jim Gittleson. . . . "Crab-
by" Jackson Byrne was recently presented with
a Chinese backscratcher to alleviate some of
his torment. . . . Incidentally Grad student
Chase thinks someone should take "Mickey"
aside and give him a fatherly talk. Fitch never
did get the crack about the sables in a recent
issue of slipstick.

Flashy little Kapranos the heart throb of
the south campus now trots around telling all
who will listen "My name is Errol Flynn, what's
your hobby?" Kapranos is a full fledged cap-
tain in the Errol Flynn Junior Commandos. . . .
Incidentally the coming trial of Flynn prom-
ises to be the biggest thing that has ever hit
this school.

Talking of the dashing Romeos naturally
brings up Bill Park's "super?" date at the
recent A.S.C.E. convention held in Cham-
paign. Seems that Bill picked the queen and
is anxiously awaiting the first opportunity to
see the dear one. . . .

Tomorrow is the day for Julian Bowers to
leave for Columbus, Ohio, where the little one
is waiting with open arms. The Junior Fire
Protects are trying to figure out what hap-
pened to the flame back home. We all sin-
cerely hope that Bowers hasn't acquired the
Magill touch. . . . every woman that Magill
has gone with lately ups and marries her old
flame. Seems all of the women find out just
how nice their old boy friends were after
going with Magill.

A touch of comedy pervaded the thermo
class last Thursday when Volakakis and
O'Leary, Junior civils, teamed up to give the
perfect hotfoot to the sleeping beauty, Jim
Boldt. Some of the other sleepers were too
far away to receive the special heat treat-
ment.

Thank God for the Thanksgiving holiday,
I'm going to sleep for the full four days.
Good night and so long.

Hector and the Gael

BLITZKRIEG!!

Well folks, it's awfully hard to get started
today, but here we go—feet first!

Among Our Souvenirs;

PRIVATE ROBERT MEYER—returning to
visit his chums on the campus, from camp . . .
He certainly looks good—Wonder who heads
the dietetics department at Chanute Field!

Gamma Rho ERWIN POWELL—what's the
magnetic attraction at the west campus,
ERWIN?

MRS. AL REYNOLDS—Well, well, well, so
good to see you! Wouldn't be checking up on
the prof now, would you LIL?

DR. NICK FRANKOVEGLIA—coming to
visit Mrs. Hazel, and all dressed up in white
togs complete with equipment. We're a
pretty healthy crowd, doc!

Now among our "inmates" . . .

Sa-a-y MYRNA, you're doing allright with
your miniature convoy of about five "eli-
gibles". What's your technique, MISS LA-
KEY?

Oh, how BOB and GERTIE moaned about
an Embryology exam. Whassa matter chicks,
did the prof give you "the bird"?

By the way, that biology department is cer-
tainly becoming an interesting place—who's
the bit of blonde dynamite in Zoology, fellas?

Phillip Morris & Co. ought to do O.K. with
CONNIE CARY distributing samples! Yes-
siree . . .

Since Jim Romac has been having trouble
with his draft board he has been heard sing-
ing that little ditty—"If I could fight like I
can love, OH what a soldier boy I'd be." Is
that CONNIE'S verdict JIM? It sure looks
like the Kappas make 'em strong what with

"MIKE" ROBINSON walking around Chem
the other night with her locker door in her
hands. That is what you call having the situa-
tion well in hand. No more Wheaties for you
"MIKE"!!!

Elaine Simon has been seen eating an ap-
ple a day "to keep the doctor away". Who
said she wanted to keep the doctor away.

Foot races were the order of the day in
physiology. DONNA MANSFIELD seems to
be the champ. She even outdistanced DOC
WHITEHILL. Me thinks she must have had a
lot of practice but I wish someone would tell
me if it was "from" or "after".

It was orange blossoms and wedding bells
on November 7, for CLARA FOWLER and
DICK BROWN. Congratulations kids.

What has been the reason for GLORIA
LANDON'S attending German so regularly?
I've never seen her so interested in a course—
maybe it's HERR BAKER, could be. Maybe
RIP would be interested but I won't tell on
you GLORIA.

Sales in the Cafeteria sure must be going
up cause every time DON IHRIG gets in
there he gets hooked for a coke (for some
one else). AH me these gals and their per-
suasive powers.

Whenever you see that lost look in the eyes
of "STINKY" JOHNSON he isn't lost he is
just looking for JANE AHRENS. She's the
light of his life and the only one that can
bring him out of his trance.

Then there is that boy CARLSON he must
be up to something cause he's been awfully
quiet lately.

Techawks

(continued from page 1)

to click, this time to Tech's 18. A another right over center payed off to the tune of six points. A successful conversion brought the Maroons line plunge was good for five, and up to 14-8.

Pollard took the kickoff back to the midstripe for Tech and a long pass to Martinek placed the ball on the Maroon ten when interference was called. An intercepted pass stopped the threat, however, but the Maroons were stopped by the hard charging of Pollard and Rubenstein and were forced to kick. The ball changed hands again at midfield when Goluska batted down a fourth down pass attempt. Tech's first down pass was intercepted, however, Bell making the tackle when he alone stood between the bal carrier and a certain score as the half ended.

The second half was hardly under way when Bell hit Hillman with a bullet pass over the line. Buzzy was away with the wind and he didn't stop until he brought Tech's count to 20. Again the conversion failed. **Tech keeps marching**

The Maroons could do nothing with their series of downs after the kickoff and they were forced to punt. The Techmen found the going equally tough and they too were forced to punt, but the kick was blocked. Ed Logan was there to recover for our lads after it had eluded several groping Maroons. Again the attack bogged down and again the kick was blocked, but this time the Maroons recovered on the thirty. Pete Pollard and Bob Johnson combined to stop the next two plays, but a Maroon pass was good to the seven yard line.

Jimmy Bell broke up the first play after only two yards, and Pollard and Rubenstein smeared the ball carrier for a two yard loss on the second try. A short pass was good to the Maroon's right half and he dived over to make the score 20-14. The conversion attempt failed.

The last quarter got under way following the next kickoff to Chicago's twenty. The Maroon's brought the ball all the way to our 18 yard line on the first play, but the Maroon's were stopped short of their mark.

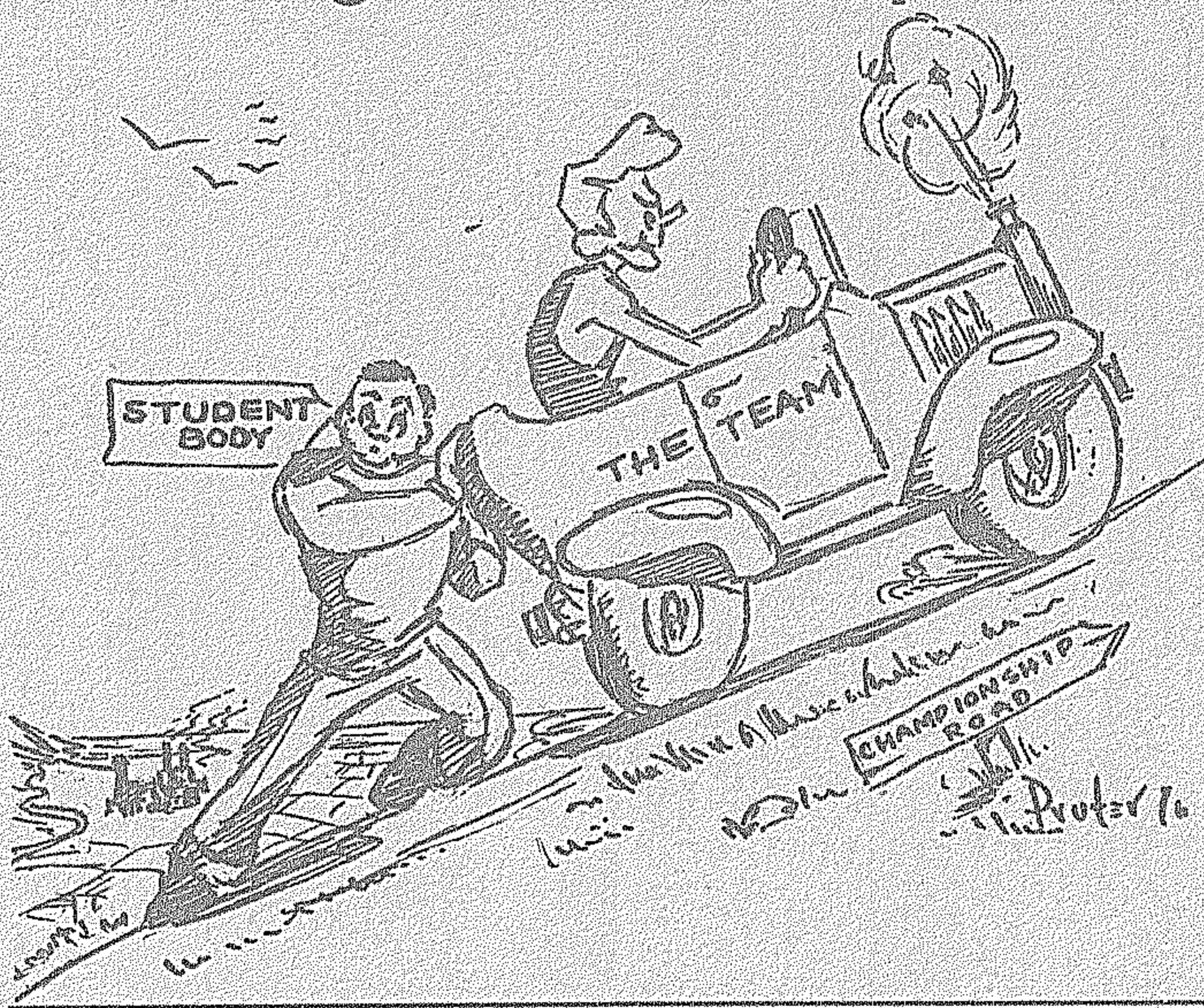
Goluska scores winning tally

Martinek then faded back to pass, but he was tackled just before he got the ball away, and a Maroon fell on the fumble which resulted. This scored for the Maroons. The kick was good and Chicago went into the lead for the first time.

More determined than ever, the Techmen began playing frenzied ball as the last minutes ticked away. A pass from Martinek found Pollard and then Bell hit Pete Zemaitis for a first down. The third pass was intercepted, but the Maroons were then thrown back by vicious tackles and were compelled to kick.

Hillman faked a kick on the fourth down and uncorked a bullet pass to Zemaitis, while on the dead run, for a first down. Hillman to Bell brought the ball to Chicago's twenty with less than a minute left. Bell was back on the next one but it was just out of reach of Martinek. Then with the seconds flying by and fourth down, Jim Bell faded back for one last effort. For the fourth time during the afternoon his pass was deadly accurate, Midge Golus-

Let's get behind and push

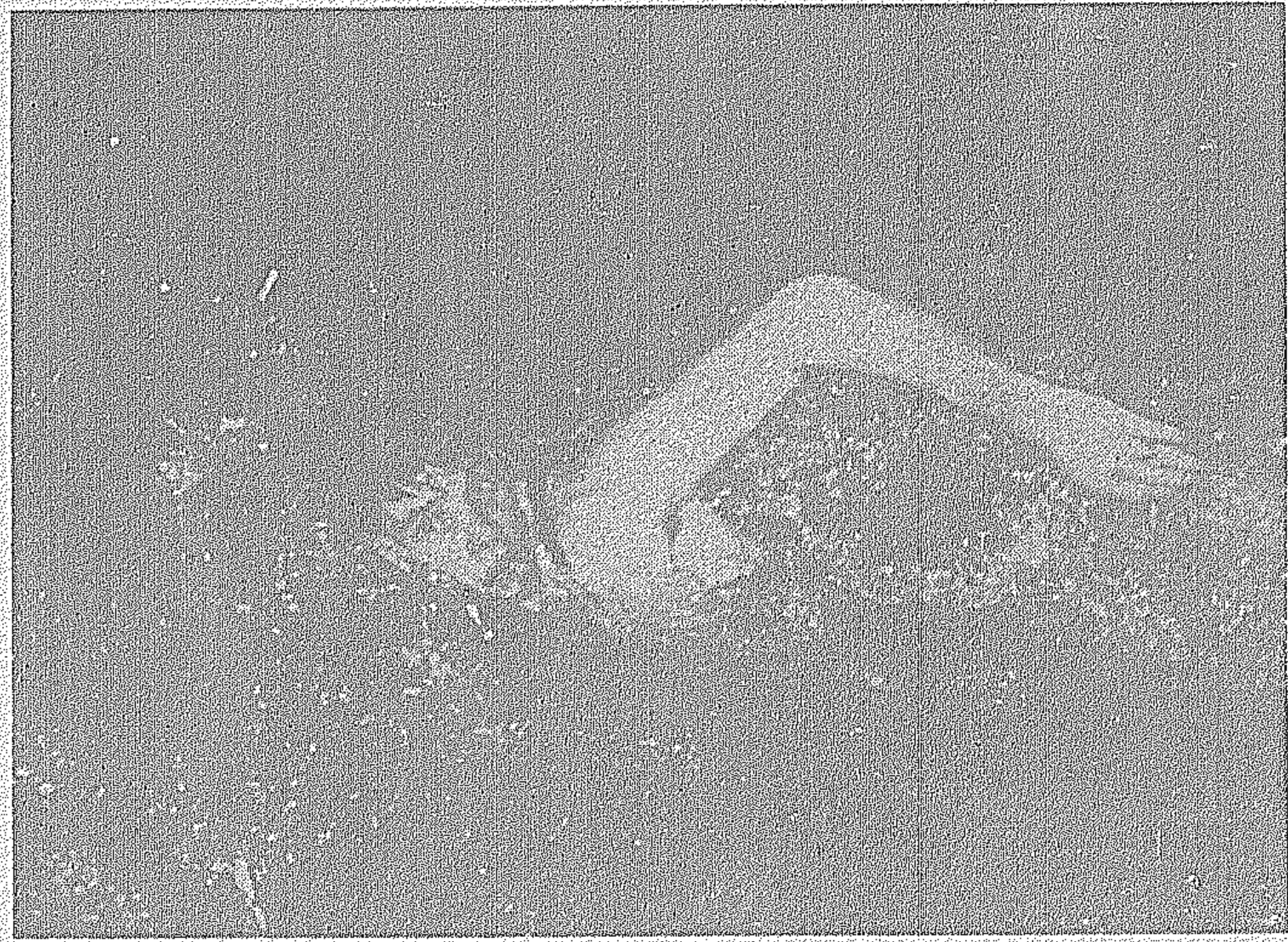


CTC first Techhawk swim opponent

Early pre-season turnouts for the swimming team point to one of the best swimming teams Tech has had for some time. Although the teams in the past two years have been outstanding, this squad seems sure to be a better balanced outfit with capable performers in every department.

The promising outlook is due to a versatile group of returning letter-

men headed by Captain Larry Rademacher. Also in this group are Jim Mc Nerney, Don Wahlgren, Jimmy Meier, and Jack Tregay. These boys perform in the crawl, back-stroke, breast-stroke, and diving departments.



Captain Larry Rademacher works out in Ida Noyes pool.

A second factor is one of the

finest group of freshmen to come to Tech in many years. The preliminary time trials held last week showed that several of the frosh are even now almost able to swim in competition and make a fairly good showing. During the training period remaining before the start of the season these frosh are sure to improve enough to turn in good performances in inter-collegiate competition.

Wagner picks varsity squad; team in shape

With much puffing (there is a priority on wind) and groaning (sore muscles) the basketball team is whipping into shape. The practice sessions thus far have been devoted almost exclusively to physical conditioning.

Coach Ed Wagner has narrowed his squad down from the original seventy-five aspirants to a compact unit. Members of last years varsity, men from the freshman team, and newcomers comprise the squad. Playing the guard positions are Byrne and Futterer, co-captains of the team, Dambros, Tubergen, Puchalski, Shepherd, and Peterson. The forwards are Smart, Kidd, Gavin, Franks, and Kilgariff. Jumping centers are La Godney, Flicher, and Bergstrom.

Bergstrom and Kilgariff are newcomers to the school as well as to the squad, being freshmen. Casey Puchalski, A Group Co-op has been burning up the floor during the practice sessions and shows a lot of potentialities. Ray La Godney senior electrical and varsity center of last year is working into shape and gradually losing his spare tire. Another regular, Bill Smart, looks to be in midseason form. He has been dropping just about everything he throws. Tom Gavin and Hershel Franks, ex-freshmen basketballers, have been giving good evidence of their training under Bill O'Brien.

On Wednesday November 25 (tomorrow) the Techhawks meet the University of Illinois School of Dentistry in a practice game. The game will be played in the Armory and will begin at seven o'clock. The Armory will be open to spectators and with the next day a holiday we should fill the gallery with rooters.

After this warm up the team will travel to River Forest for a clash with Concordia, one of Illinois Tech's oldest rivals. The game will be played on December 4th, a Friday and will be the first contest of the regular season.

Soph Co-op

(continued from page 3)

hands. The Co-ops were forced to kick against four Mech rushers who effectively blocked the kick to give the Mechs the ball on the five yard line. With only seconds left to play the Co-ops took over the ball but were forced to again kick to the Mechs. Fighting hard to score, the Mechs passed to Byrne who was caught on the Co-op's five yard line by Smart.

After being penalized for excessive time outs, the Mechs tried a last ditch pass to Byrne which was blocked by the Co-ops. As the Co-ops took over the ball the game ended; a hard fought, clean game, the score being 6-0 in favor of a deserving 2-A Co-op team. Both the Co-ops and the Mechs, who were year's champs, played an excellent game before a crowd of 700 on sodden Ogden Field.

All that remains in the way of Co-ops is the Senior Mech No. 2. If past performances mean anything, the Co-ops should win easily since they have already beaten the Mech No. 2 by a score of 35-6 in an earlier game this season.

CAPTAINS CORNER

by Jim Schoke

This issue of the TECHNOLOGY NEWS brings you the first of a series of articles designed to introduce you to the fellows who are leading IIT's athletic teams.

In this article we will introduce you to the captain and manager of the team which indulges in the art of self protection (it usually is the other guy who needs it though, if he bumps up against these boys), the wrestling team. These two teams are currently engaged in the serious business of training for the coming campaign which starts roundabout Dec. 10 against Wheaton, their toughest foe.

With a first glance at Ed Ozimek, the captain of the wrestling team, you can tell he is one guy who could handle himself allright on 33rd St. even on the darkest night. Although he isn't very big (only about five and a half feet) he has very definitely the build of an athlete. If you talk to Ed you're greeted with a smile that immediately tells you that if their is anything he can do for you he'd be glad to do it. He quickly answers any questions you ask him and very frankly hands out his opinion.

Ed is a mechanic in his fourth year and will graduate this February. Luckily, for the team, this is near the end of their season. If you looked up the records you'd find that Ed has been on the wrestling team for three years, but if you ask him about it, he'll modestly tell you that the first year he was only a substitute. He has also been a member of the hockey team for the last two years and is a member of the Honor I.

"The captain's job is to keep the fellows organized. Let them practice hard but not hurt themselves. He should be an example for the new fellows. Mainly, he should see that each member of his team is a good representative of the school and helps to create friendship at every meet." That is Ed's straightforward answer to the question of what he thinks the captain of a team should do.

Don't get the idea that Ed is jus a pug, because that would be the wrong picture of him. He dates at least three times a week (Editor's note: What! an Armour engineer doing that.) and likes to jitterbug. If you talk a while to him you'll find that he has a serious side, too. He is a member of the Air Force Reserve and if he is not called immediately after graduation he will work for the Thompson Aircraft Co. until he gets his notice.

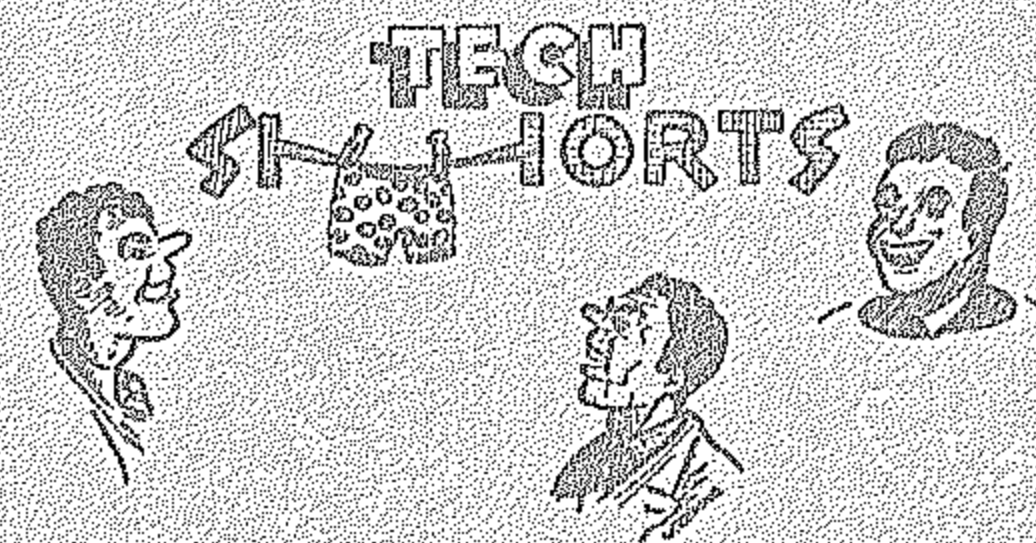
CONTSET RULES

1. Fill out blank; picking the winners and their margin of victory.
2. Tear-out blank.
3. Deposit blank in the Tech News box at Lewis or Armour before five Wednesday afternoon, instead of Friday afternoon.

The contestant who picks the most winners with the least total deviation gets the first prize of one dollar. The second prize will be a bid to the Christmas Dance.

| FOOTBALL FORECAST | |
|---------------------------------|-------------|
| Games on Nov. 28 | |
| BOSTON COLLEGE vs. HOLY CROSS |points |
| GEORGIA vs. GEORGIA TECH |points |
| MICHIGAN vs. IOWA |points |
| KANSAS STATE vs. NEBRASKA |points |
| NOTRE DAME vs. SOUTHERN CAL. |points |
| OREGON STATE vs. MICHIGAN STATE |points |
| OHIO STATE vs. IOWA PRE-FLIGHT |points |
| SOUTHERN METHODIST vs. T.C.U. |points |
| TENNESSEE vs. VANDERBILT |points |
| ARMY vs. NAVY |points |
| Contestant's Name..... | |

kapulled it down in the midst of Maroon defenders and all that remained was a kickoff and three frantic plays by the Maroons and victory was ours.



Two men playing on varsity sport teams were pledged to Tau Beta Pi last week. The men being so honored were Dick Larson, Junior chem, who plays on the tennis team, and Bill Parks, Junior civil, who is a high jumper on the track team.

Chet Swan, member of Illinois Tech's six man football team, says that, after watching the antics of the Chicago squad, he is convinced that they picked up and ran with everything on the field but the goal posts. From the looks of Chet they must have run with him.

The IIT footballers who traveled to the University of Chicago last Friday were accompanied by approximately 100 rooters. The athletic department of the university provided the equipment for our men.