

TECHNOLOGY NEWS

"World's Greatest College Newspaper"

VOL. 28—NO. 5

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ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

OCTOBER 28, 1941

CHEM ENGINEERS START STUDIES AT IIT GAS INSTITUTE

Fellowships Granted To Outstanding Men

The first students to attend Illinois Tech's new million dollar Institute of Gas Technology are now well started on their four year graduate programs. At present they are studying advanced calculus, geology, technical writing, and flow of fluids. These students, four in number, have been granted fellowships for the entire four year period.

Outstanding Men

Henry Robison, a native of St. Louis comes to Illinois Tech from Washington university in St. Louis, where he majored in chemical engineering during his undergraduate years and afterwards received his M.S. in physical chemistry. While studying for his masters degree he was employed as an analyst in the research laboratory of the Aluminum Co. of America. After receiving his degree he worked on various problems concerning the commercial uses of aluminum monohydrate.

Gerald Lubin, of Detroit, majored in metallurgy at the University of Detroit where he received his bachelor's degree in chemical engineering. After graduation he was in charge of a foundry and later became associated with the British purchasing commission in this country, where he did technical work on airplane motor parts.

Robert Newhall attended Tufts college in Medford, Massachusetts, from which he received his bachelor of science in chemical engineering. His graduation thesis was "Design and Construction of Fluid Flow Apparatus." After graduation he was employed at the Stoneham-Weber Engineering Corporation. He is an active member of Delta Tau Delta.

Alexander Mikulski received his bachelor's degree in chemical engineering from Fenn college in Cleveland. Before coming to Illinois Tech he worked in the research laboratory of the General Chemical Company, and later for the Standard Oil Co. and the Lincoln Electric Co.

All of these fellowship students are active members of Tau Beta Pi, and as ultimately there will be 50 or 60 of them, all of similar high attainments, our new Gas Institute should greatly enhance the prestige of Illinois Tech.

THIS WEEK AT IIT

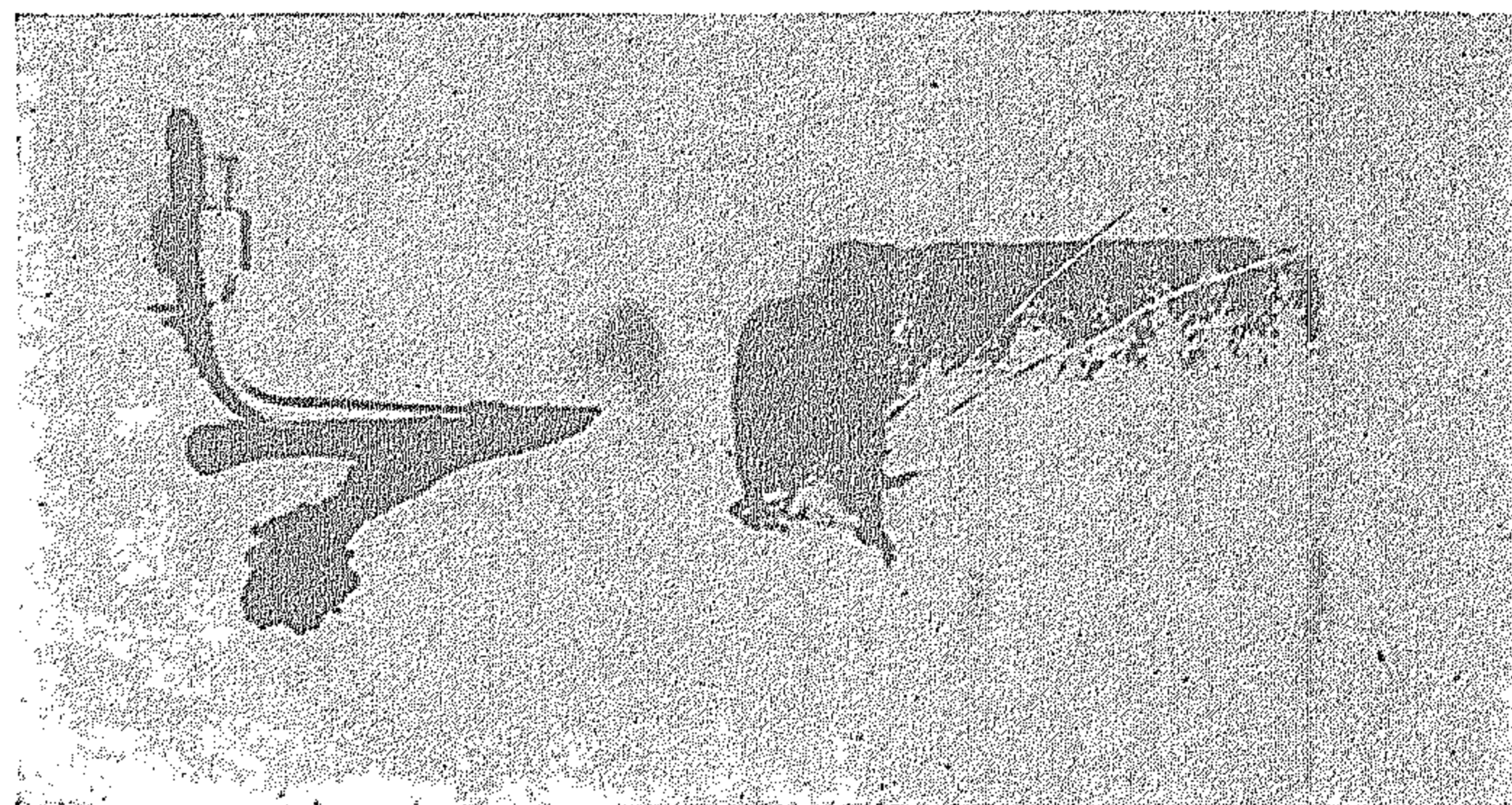
Tuesday
Orchestra, Armour Auditorium, 5 p.m.-6:30

Wednesday
Dance club, Armour Auditorium, 5 p.m.-6
Lewis Chorus, Lewis Auditorium, 3 p.m.
Senior Class Election at Armour

Thursday
Glee club, Armour Auditorium, 5 p.m.-6

Friday
W.S.E. meeting, Armour Auditorium
Tau Beta Pi Pledging, Auditorium, 10 a.m.
A.I. Ch.E. meeting—202 Main—10 a.m.

HOT AND COLD



Obtained in the course of nozzle experiments by Prof. J. Yellott, this photograph shows the formation of ice at a steam ejector nozzle tip. This unusual phenomenon is a result of the high vacuum obtained at the nozzle tip. (Story below.)

Worthington Pump Corporation Lends Equipment To Illinois Tech

In order to permit the study of the efficiency of ejector nozzles, the Worthington Pump and Machinery Corp. of Harrison, New Jersey, has sent to IIT, on indefinite loan, the steam ejector research apparatus used by Prof. Yellott in his work at Stevens Institute on studying the formation of ice in steam.

The apparatus, which is worth approximately \$5,000, has been used in an elaborate research project on the behavior of ejectors. It consists of a four-stage steam jet ejector, with an inter-condenser. The first two stages are capable of producing an absolute pressure as low as .02 lb. per square inch. Since the temperature corresponding to this pressure is far below 32 degrees, the apparatus is capable of producing ice in steam.

While at IIT, the apparatus will be used in fundamental research

on the behavior of nozzles discharging into high vacuum. Darby Fulton, graduate student in mechanical engineering, will use the apparatus in the preparation of his thesis. Using the reaction method, he will measure the efficiency of nozzles such as those used in these ejectors. His purpose is to provide reliable information on the behavior of such equipment, since its importance is increasing every day.

Formation of the ice may be observed through glass windows located in a side panel. It is hoped that a very interesting series of motion pictures can be made depicting the process.

The accompanying photograph shows the formation of ice on a search tube which is being held in a stream of steam issuing from a test nozzle. It is believed that this is the first photograph ever taken of the formation of ice in steam.

Armour Juniors Hold First General Ballot

Last week the class of '43 held its junior election of officers. The candidates for office numbered three or four for each position, which resulted in a close and interesting race.

The results of the election was a blow to the progressive electricals, who campaigned so vigorously that day. The mechanical department was fortunate enough to land four men in the runoffs, one in each major office.

Run-off Elections to be Held

The most important runoff will be for the office of president. The chemicals are represented by Morgan Fitch against Dick Roberts, the popular mechanical. The office of vice-president was shared by Roy Peterson EE., Bob Kirk ChE, and Bill Watson ME. Bob Bechtolt FPE, and Jack Byrne ME, will decide the office of treasurer. The social chairmanship resulted in a tie between Ray Kalding ME and Clarence Votana EE. The only two offices that resulted in a majority vote were that of secretary and Student Union representative, won by Mario Silla CE and Don Keigher, FPE, respectively.

SENIORS PROTEST NAME "POLYGON"

At a meeting of the senior class Oct. 17, a motion was made to the effect that the class of '42, as a whole, should protest against the use of the name Polygon, and also against the form and style of the 1941 edition.

The desire was expressed that a vote by the entire school, sponsored by the ITSA, should be held to decide the name of the 1942 book. The motion was decisively passed, with an opposition of only three votes.

Wednesday, October 29, the senior class goes to the polls to choose the officers for this, their last year at Armour. The election board, composed of Frank Jencius ME, Roman Mankus ME, Gus Staats EE, Mary Elizabeth Spies Arch, James J. Walker FPE, Robert Arko ME, Ray Leibrant CE, and Jorma Leskinen EE, has announced that the petitions of the following men have been accepted. Candidates: for president, George Orescan; vice-president, Warren Spitz; social chairman, Ed Kyser, Hank Bittner, Michael Schultz, and for secretary, James Walker and Jorma Leskinen.

Charles D. Dallas, Harold S. Vance Elected To Board Of Trustees

Tau Beta Pi Pledging To Be Conducted In Assembly This Friday

Armour's first general assembly of the year will be held this Friday at 10:00 under the auspices of the Western Society of Engineers for the purpose of pledging candidates to Tau Beta Pi. This event is always one of the most important highlights of the undergraduate school year.

Outstanding Students Honored

Election to Tau Beta Pi, national honorary engineering fraternity, is the highest honor an undergraduate engineering student can attain. Established in 1906, Tau Beta Pi is Armour's oldest and most important honorary fraternity.

In the fall semester at Armour, only seniors of regular day school and 4th year cooperative students are considered for membership. To be eligible for election in Tau Beta Pi a student has to be among the upper fifth of his class in the senior year or among the upper eighth of his class as a junior.

Activities Important

While scholarship is the most important factor in determining eligible candidates, other factors also are given careful consideration. The breadth of interest of the undergraduate as shown by his activities in school affairs is an essential part of the qualifications for membership. Students who have not been able to participate in activities because of the necessity for work—all or part of their way through school—are given special recognition.

Eligibility Code

Tau Beta Pi's code of eligibility states the aims of the society: "It is the purpose of Tau Beta Pi to mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates . . . distinguished scholarship while the primary requisite for admission must not be considered the sole criterion.

"After the scholastic requirements have been fulfilled, the selection shall be based on integrity, breadth of interest both inside and outside of engineering, adaptability, and unselfish activity . . . we consider that true integrity . . . transcends in importance scholarship, activity, and every other qualification."

A.S.M.E. MEMBERS TOUR SUBWAY; ERICKSON ELECTED VICE-CHAIRMAN

At a meeting of the ASME last Friday in Science hall, an election was held for honorary chairman and vice-chairman of the organization. Ralph Jahnke, president of the Armour chapter, called the meeting to order. Final arrangements were announced for the subway trip. This tour for the benefit of ASME members took place last Friday night a 7:30.

Professor John Yellott was elected to the honorary position of chairman over his colleagues, Professor Nachman and Professor Winston. The nominees for vice-

Industrial Leaders Of National Prominence

Two industrial leaders of national prominence have been elected to the board of trustees. They are Charles Donald Dallas, president of Revere Copper and Brass, Incorporated, of New York City, and Harold Sines Vance, chairman of the board of the Studebaker corporation, South Bend, Indiana. Addition of these two members boosts the number of total trustees of Illinois Tech to forty-five.

Dallas Excels in Business

Mr. Dallas began a brilliant business career which he was never to relinquish, not even while a student. He worked with the American Brass company for many years; this firm witnessed his ascension to his first important position. In 1908 he and his father founded a firm in Chicago, which acted as sales-representative for several eastern copper mills.

In 1912 the firm had grown to such a size that they began rolling some of their own metal. Six years later Mr. Dallas became president, and still later the company merged with some other companies. In 1931 Mr. Dallas was made president of this new corporation.

Besides being author of "You and Your Money," Mr. Dallas is also president of the Federation of Church clubs of the Episcopal Church. He is an officer of the National Industrial Conference board and of the Copper and Brass Research association. He was president of the Hadley school for the blind.

Vance Rises from Ranks

Harold Sines Vance, the other new trustee, was educated in the public schools and, at the age of 20, he became an apprentice mechanic for the Studebaker corporation. After many promotions Mr. Vance became assistant treasurer. In 1916 he was made director of purchases. Later he was manager of the export division, and then general sales manager.

In 1926, fully experienced in various phases of production and sales, Mr. Vance was made vice president of the Studebaker corporation. Recently Mr. Vance served as head of the machine tool division for the defense industries.

chairman, Charles Becker, R. Erickson, Morris Horwitz, and Roman Mankus, made a tight race which necessitated a runoff. Erickson was elected over Becker by a two vote majority.

The feature of the program was a showing of the moving picture, "The International Harvester Diesel," through the courtesy of the International Harvester Company. The principle and functions of the working parts of the engine were illustrated by animated drawings. Lack of time forced the running of only one reel.

S.A.M. Members Hear Talk On Subject "How To Be An Executive"

Armour Alumnus Gives Main Address

Speaking last Friday at this year's second meeting of the Society for the Advancement of Management, Mr. H. C. Mueller, general manager of the Powers Regulator company, elaborated on the subject, "The Task of the Executive."

Opening the meeting, in the faculty grill at 6:30 p.m., Mr. Billy Goetz outlined the intended purposes and the organization of the S.A.M. He mentioned the general subject of initiation fees, both in the student and senior organizations, with a description of the advantages of belonging to the society.

Mr. Mueller, a graduate of Armour college, described the managerial set-up of his company and the results of a recent reorganization of plant procedure. He laid important stress on the wide use of engineering talent in all departments of his business. Mr. Mueller mentioned the large importance of a cooperative feeling between all departments and branches of the Powers Regulator company.

The reorganization was affected by means of exchange of ideas between the managers and foremen affected. A three dimensional layout was used in planning the production department. A redesign of parts was made to facilitate more rapid production. In an open forum discussion following the talk, Mr. Mueller told of labor and priority problems in these times.

The election of officers for this year was discussed at the meeting. It was decided that this matter should be held until a later meeting, when the members would have a clearer idea of whom they wished to nominate and elect.

75 Lewis Students Enrolled In Business Cooperative Course

Twenty-five of the seventy-five students enrolled in the business cooperative curriculum are now in attendance at Lewis, having started classes October 13. The remaining fifty enrollees are absorbed in various industries at this time and will return to their studies December 8.

The purpose of the cooperative plan is to enable students to gain a college education in business administration and industrial management, in addition to actual experience in their chosen field, attaining this with a minimum of personal expense. In most cases the students have found that their earnings meet or exceed the expenses of their education.

The students operate on eight week shifts, alternating from class room to industry. Also included in this plan is a two-week vacation period and one extra week of employment so that the student may secure additional funds for non-essentials.

Miss Kathryn Judkins, business coordinator, announces that opportunities for positions are abundant at this time and in view of this lucrative educational situation, it is urged that any interested students visit the cooperative office immediately. As the demand for women has exceeded the supply, female applicants will have splendid chances for prompt placement.

Doctor E. T. Walker Acclaimed For Thesis

Doctor E. T. Walker, of the education department, has been recently acclaimed in an article in the Encyclopedia of Educational Research, a volume devoted to the advancement of research in educational fields. His thesis for the doctorate at the University of Chicago in 1934, "The relation of the housing of students to success in a university," was featured as the most comprehensive technical study thus far published in the field of student housing and treating of the success of the student in the university. His results were derived from more than 3,000 students' records from 1926 to 1931 at the University of Chicago together with an analysis of these students' extra-curricular activities resulted in the conclusion that students living in residence at the school enjoyed a greater measure of success in both scholastic and extra-curricular fields.

LEWIS PROF GIVES OUTSIDE LECTURES

Dr. M. Alden Countryman, assistant professor of physics in the Lewis division of IIT, in conjunction with the department of physics has begun a new series of demonstration lectures. This was announced by Dr. J. S. Thompson, chairman of the physics department of the Institute.

These novel "science-at-your-door" lectures will be given to club groups, luncheon meetings of businessmen and businesswomen, and various other organizations whose members have shown interest in such a program.

The lecture demonstrations are to be brief twenty minute talks. The material and equipment for these demonstrations will be so simplified that they will be packed neatly into a small suitcase. Dr. Countryman spoke last Wednesday before about 80 members of the Riverside Methodist Church Men's club. He also lectured to the Brookfield Kiwanis club and the Oak Park Lions club.

100 Attend Dance Club Meeting; Members Divided Into Three Groups

Starting the school's social whirl, the IIT Dance club held its first meeting of the school year last Wednesday in the Armour Student Union.

More than one-hundred students were present to avail themselves of the opportunity to master the art of ballroom dancing as taught by professional teachers. Aiding in the instruction were some of the school's secretaries who acted as willing and capable partners for those in the advanced and intermediate classes. Special simplified instruction records were used to help the beginners.

Plenty of Girls

Herman Tachau, president of the club, expressed himself as being highly pleased with the turn-out, promising that this week's meeting would be even better since a definite program has now been adopted. Chief improvement this week will be the presence of girls who have been invited from Lewis, Chicago Teacher's college, St. Lukes hospital and several other places. While the lessons given in the three classes will be progressive, the officers of the club urge anyone who was unable to attend last week's meeting to attend this week since all

classes are still accepting enrollees. Each class has been designed to meet the needs of a particular group of students. Before the season is long underway the advanced class hopes to be past masters of the rumba, lindy-hop, la conga, and other polished and intricate steps.

Membership Drive On

Chief emphasis of the club's present program will be a membership drive with prizes going to the members who bring in the most new members. In charge of the contest is John Cotter who will announce the details at this week's meeting.

Second on the list of projects absorbing the club's energies is the forthcoming pre-Thanksgiving hop to be held Wednesday, November 19 in the Student Union. The orchestra for this event has not as yet been chosen.

Guiding the destinies of this year's organization are: Herman Tachau, president; Charles Iseminger, vice-president; Rosamund Golden, secretary-treasurer; Pete Minwegen, dating bureau; Ed Doran, publicity mgr.; Roman Mankus, welcoming committee; and Charles Iseminger, entertainment committee.

"Will Your Social Life Become Nil?" See Professor Chamberlain, He Knows

By Bud Carlson

Will the cost of text books double? Will the price of dance bids go up? Will students social life become nil? In an interview last Wednesday, Mr. V. B. Chamberlain, associate professor of economics, admitted that these things were likely to happen if some means are not taken to stop the present inflationary trend.

Mr. Chamberlain stated that too many college students do not realize that inflation affects them as much as it does their parents. It must be remembered that during the last war such things as eggs doubled their prices; and, if no preventative measures are taken, it will happen again. Most economists recognize that the inflationary tendency can be checked, but only if the people and the government realize the seriousness of the situation and take the preventative measures necessary. Mr. Chamberlain suggested the following measures: 1. a price control law, 2. a cut in "peace" expenditures, 3. release of the surpluses the government has accumulated, 4. extension of the social security law to cover another twenty mil-

lion people, 5. people should use the additional income to pay off debts and build up a savings, and 6. people should refrain from buying additional consumers' goods.

The "peace" production has been supplemented by a large "war" production, which in turn creates an added "war" income added to the "peace" income. Furthermore, since these "war" products are not offered to the consuming public, the added income helps bid up the prices on the "peace" products.

The government has taken some steps to halt the inflationary movement by offering the Defense Bonds to the general public and now there is a price-control bill before the Congress. These, however, are merely two steps in the right direction and will not curb the rise in prices if the people do not back governmental policies.

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Home Economics Club To Take Field Trips

Members of the Illinois Tech Home Economics club will participate in the field trips sponsored by the Chicago Home Economics Women in Business in connection with their annual meeting. This gathering, which is attended by the home economics faculty and students of midwest universities and colleges, will take place on Friday and Saturday, November 14 and 15. In addition to senior class members, graduate students, and faculty members, junior home economics majors have been invited for the first time.

Opportunity for Contacts

Speeches by women prominent in commercial home economics, and numerous exhibits at the Knickerbocker hotel, which serves as headquarters for the meeting, will feature the two-day program. These exhibits will be personally supervised by key women in the home economics industries, thus affording an opportunity for undergraduate home ec'ers to make influential contacts.

Tour Schedules

Included in this year's program are the following excursions scheduled for Friday afternoon: Tour I, test and experimental kitchens; Tour II, test kitchens and the stock yards; Tour III, household equipment; and Tour IV, textiles and design. By taking these trips, students may gain much valuable

Vagtborg To Speak At A.I.Ch.E. Meeting Friday

Mr. Harold Vagtborg, director of the Armour Research Foundation, will speak to the A.I.Ch.E. next Friday. The meeting will be held in 202M at 10 o'clock. His talk will be on the subject of "Research in Industry."

The A.I.Ch.E. reports that approximately fifty per cent of all chemical engineers leaving school go into research. The purpose of the student branch of the A.I.Ch.E. is the task of preparing "school chemists" for the business and research worlds.

information watching the theory of the classroom being put into the practice of industry. The tours, costing about fifty cents, will employ buses which will leave the Knickerbocker hotel.

Accommodations Limited

It is the desire of the Home Economics Women in Business to accommodate all students who are sincerely interested in participating in these activities. As accommodations are, however, limited, it is necessary for students who wish to attend any of these functions to submit a registration blank, which may be obtained in the home economics office, before November 1. The bulletin board in the home economics department will reveal further developments.

Prof. Smale Honored By American Legion

In recognition of his being one of the Illinois citizens attending the first caucus of the now famous American Legion, Legionnaires awarded a coveted medalion and honorary plaque to Major John H. Smale, professor of philosophy, on August 6, 1941, at Bloomington, Illinois. Major Smale and a group of fellow members of the American Expeditionary Forces gathered together at Paris, France in 1919, to form an organization to commemorate the memory of the men that served in the military forces of the United States during the World War. The organization formed was recognized as The American Legion by an Act of Congress, September 16, 1919 and has gained prominence in ever-increasing proportions since that date.

Seniors Award Key

Professor Smale, as he is better known to a host of IIT students, has in the past received many salutations for his foresight and interest in the preservation of these sacred memories, and carries on, in the same manner, his loyalty to school activities. Included among the many respects paid to Major Smale are the Senior Class Key, and honorary membership in the "Eye," an organization composed of men from Company I of the 344th Infantry.

ARMOUR RESEARCH ACTIVITIES PLAY BIG ROLE DUE TO NATIONAL DEFENSE

Effects of national defense and an increase of the nation's business has resounded here at IIT with increased activity in the research foundation.

Dr. Vagtborg's increased responsibilities as head of both the Research Foundation and the new Gas Institute has caused the necessity of creating a new position in the Research Foundation. This post as assistant director is being filled by Dr. Francis Godwin who was formerly director of chemical engineering research.

Dr. Godwin did his graduate work at the state university of Iowa and has been with the Foundation since 1937. The chemical engineering division is now headed by Dr. Martin H. Heeren.

New Stress Analysis

Stress analysis has become so important to industry that a new laboratory is being constructed in the main research building. This laboratory will be established and conducted by Dr. Clayton Dohrenwend who is returning to the ARF staff after a stay with the faculty at the University of Connecticut. New equipment is being rushed so that this laboratory may go into operation immediately. Some of the first experimental work of this new department will be the stress

analysis of ore loaders.

Prof. Peebles has resigned his position as chairman of the department of experimental engineering because of his increased duties as acting dean of IIT. However, he will remain on the research staff as an insulation engineer.

More Scientists on Staff

Scientists are being drawn from the nation's industries and colleges to the Armour Research Foundation research laboratories. W. R. Mehaffey from Otarian, Inc., has been made an associate physicist in electricity. While employed by Otarian, makers of hearing aids and similar instruments, he was in charge of their development laboratory. W. J. Armstrong and Dr. H. L. Wetzstein are reinforcing the chemical engineering staff in the Research Foundation. Both of these men received degrees from the state university of Iowa.

According to Dr. Francis Godwin, assistant director of the Research Foundation, the department is operating on an annual budget totalling nearly half a million dollars. These funds are appropriated by industry and are given to the Research Foundation for special research problems.

THE SMOKE OF SLOWER-BURNING CAMELS CONTAINS

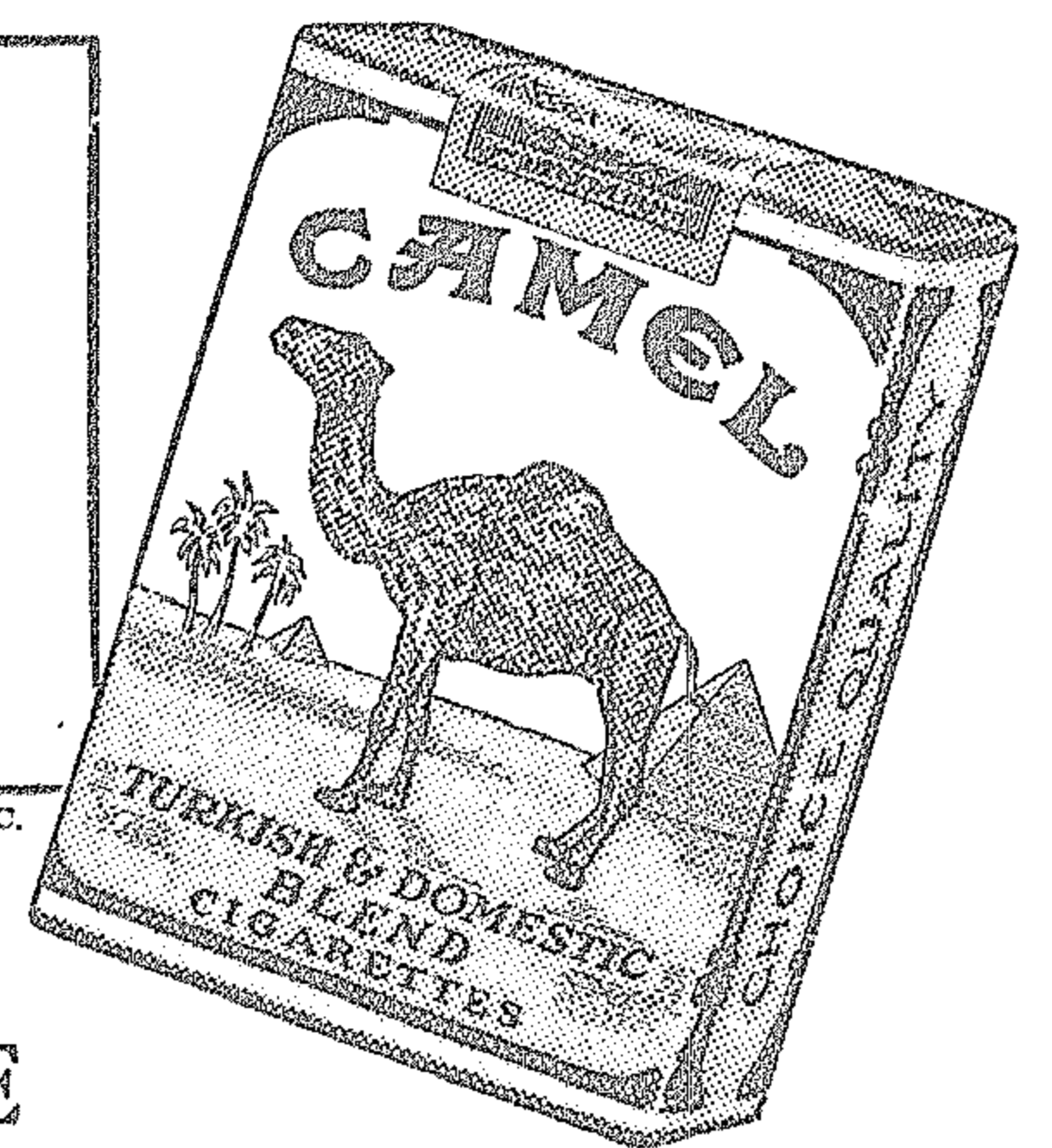
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VOL. 28,—NO. 5

OCTOBER 23, 1941

TIRED . . .

It is, frankly, a rather boring thing for Technology News that once more we must comment on the lunchroom-bookstore situation. We're tired of it. We're tired of writing, semester after semester, on same old objections and "gripes"; tired of reminding ourselves that the same old cold silence of the administration which greeted our last attempt will greet our next. We're tired of the supercilious glances directed at us by the members of the lunchroom staff.

But we cannot remain silent in the face of an ugly student resentment which expressed itself most graphically last week during the student vote on the revised ITSA constitution. As a matter of fact, the essential features of the constitution had not been changed. The most important changes were made simply to clarify the position of west campus representatives now and after the new campus had been erected. There had been no doubt in the minds of the ITSA that the revised constitution would receive the almost unanimous approval of the student body.

The constitution was approved, but under no stretch of the imagination by a unanimous vote. For the south campus the returns were: yeas, 226; nays, 153. From the west campus came: yeas, 96; nays, 4. The staggering fact presented itself that over 40% of the south campus student vote opposed the constitution. Subsequent investigation of this sentiment disclosed that it was based almost entirely on disapproval of Article IX, Section 3 of the By-Laws which had been printed on the ballot as follows:

"The administration of the Illinois Institute of Technology retains the right of operation of the bookstore, the checkroom, and the dining rooms."

Actually over 12% of the voters had expressed their written disapproval of this clause on the ballot itself. Mingling with many of the several large

groups of students which had gathered after the voting verified that this 12% was only a small representation of those voting against the constitution because of this clause.

No better picture of this reaction can be presented than by printing some of the ballot comments on this clause, which ran in the following manner:

"I should say not."

"This is bad business. Let the ITSA operate the prices in the lunchroom. We want it on a nonprofit basis."

"I'm in favor of a co-op book store, dining hall."

"It's about time something was done about the high prices of books and food around here."

This is a disgraceful state of affairs. And we do not state this from a desire to antagonize the school administration. This is a condition which simply can not be met with indifference if the general welfare of Illinois Institute of Technology is important. Although not illustrated in the constitution vote, the resentment toward lunchroom conditions is rampant also at the western campus, the crowded and inefficient conditions having been pointed out editorially last week.

These opinions are not those simply of Technology News, or, as we sometimes suspect the administration of feeling, unthinking children anxious to find something to bicker over. The majority of the students at Illinois Tech have almost reached maturity, and the level of undergraduate intelligence is considerably higher than that of the average college or university. It is unthinkable to expect such men and women to be content with a lunchroom policy that features drab menus, and increasing prices accompanied by diminishing portions and no betterment of an already inferior food quality. Nor is it just that they must tolerate a school bookstore demanding top prices and giving in return such service that some texts are not received until a month after the course has started.

These points have not been exaggerated. If more conclusive evidence is desired by the administration, we ask them to canvass the faculty itself for its reaction to the faculty grill. We do not think that the fact that more and more of the professors are bringing their lunch and eating in other restaurants indicates satisfaction with the grill service. So help us, it is the truth; and we know it because they have told us.

One of the outstanding talks to an IIT engineering society, in our opinion, was delivered last Friday by Prof. Jesse Hobson, new head of the electrical engineering department, in which he pointed out that, because of their training in logical and analytical thinking, engineers must become socially and economically conscious as never before, if order is to be established in the chaotic quagmire of the world today. Well, let's start right here at home with a little thing . . . a little thing like the ordinary every day social courtesy of providing wholesome cafeteria conditions for students and faculty. We know that Professor Hobson was thinking of world conditions, but if the logical and analytical thinking processes of a great technological institution cannot function sufficiently in such a social condition as this, little can be said for the success of the students when such an example is set before them.

We speak directly and respectfully to the IIT administration. YOU KNOW HOW TO SOLVE THIS PROBLEM! A DEPLORABLE NUMBER OF ALUMNI HAVE ALREADY GRADUATED WITH NO LITTLE ILL FEELING BECAUSE OF IT. FOR THE SAKE OF THE INTERNAL HAPPINESS OF THIS SCHOOL AND ITS FUTURE ALUMNI, LET'S SOLVE IT NOW!

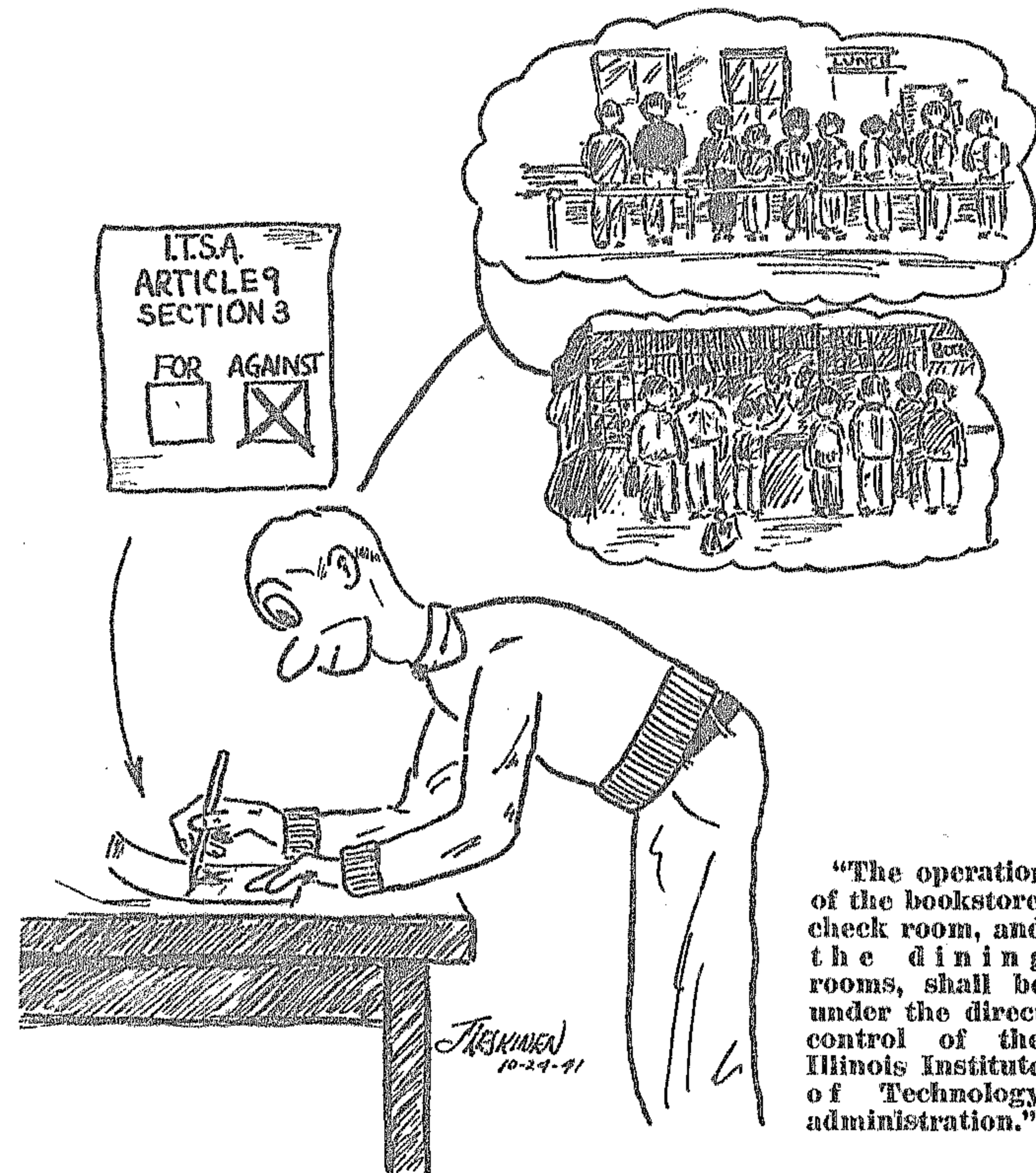
—T.B.

RESEARCH FOUNDATION

What was once a cluttered store room and janitor's room in the old Research Foundation building has been turned into a compact, beautifully planned photographic darkroom and studio. The darkroom and print room contain some of the latest equipment available, while more is yet to come. Mr. Kenneth Moore, in charge of photography for the Foundation, was told to plan and equip a space in the old basement, in which to produce prints for the research men. After he discovered what was needed Mr. Moore proceeded to construct a darkroom. The result is an efficient and compact arrangement, much on the order of a model kitchen.

Work was started about a month and a half ago; plumbing was installed, plywood partitions between the rooms were erected, and a ventilation system was introduced. Mr. Moore has been using it only a fortnight and finds it satisfactory for variety of photographic work that the research department requests. The normal capacity of the new darkroom is 300 prints a day. The darkroom is about four by seven feet, while the print room is about seven feet square. The darkroom contains a sink (equipped for constant temperature developing), drying racks, loading board, and automatic timer, plus other equipment needed for negative preparation.

IT DID HAPPEN HERE!



"The operation of the bookstore, check room, and the dining rooms, shall be under the direct control of the Illinois Institute of Technology administration."

Medical Arts Guild Formed Friday On West Side Campus

A long felt need for representation and organization of the pre-medical student body was satisfied Friday, October 24 at which time the formation of a Medical Arts guild was completed. Rubin Bloom, junior pre-med student, was instrumental in bringing this inadequacy to the attention of the liberal art faculty and student body. Assisting him in this effort was Dr. Leslie R. Hedrick, chairman of the department of biology, who has since been chosen faculty sponsor by the group. The initial election of officers held Friday voted Ted Wozniak president, Ruth Steinman vice-president, and popular new-comer Norma Cooper, secretary-treasurer.

Acquainting the pre-medical students with modern medicinal practices and medical journals is one of the ultimate aims of the club. In order to give the guild an assured foundation, the officers and faculty sponsor are at work compiling a tentative constitution, the completion of which will be effected in the near future.

Striving to attain a more unified organization, the guild will accept new members until further notice.

Armour Sophomores To Run Off Election Of Four Men Today

Runoff elections for four positions in the south campus sophomore honor class are being held today. The positions of president, vice-president, social chairman, and Student Union representative are to be determined. Balloting will continue from 9:00 until 2:00 under the auspices of the ITSA board.

Candidates for the presidency are: William Parks, Byron Round and Phil Huguelet. Ulysses Bachas and Edwin Johnston are left in the race for the vice-presidency. The social chairman contest has two entries, Julian Bowers and Bruce Worcester, while William Foster is unopposed in the Student Union representative position.

C. R. Ege Speaks To Armour Civils; Movies Also Shown

Friday, October 24, the civils having assembled in 202 Main, listened to an exceedingly interesting lecture accompanied by sound movies. Mr. C. R. Ege, assistant manager of the Portland Cement Association of the Midwest area, was the guest speaker. The movies were preceded by Mr. Ege's brief but informative lecture stressing the importance and timeliness of his topic, "Limited Ways."

Old Principles Eradicated

"Limited Ways" has a simple literal meaning, that is, "highways having access and exits restricted to only a few controlled points." America's scheme of life is built about an adequate plan of transportation, and this necessitates a revolution in old principles of highway construction—which is well under way in New York, Connecticut, and New Jersey.

Not only does this revolution embody design but also new methods of finance. Symbols of this change are the Hudson, Merritt, and Belt Parkways, the East River Drive, and the Pennsylvania Turnpike. The turnpike best illustrates the advances in design, construction, and methods of finance. Its notable elements are darker concrete, freedom from roadside encroachments, triple lanes in each direction, all cross interference eliminated by grade separations of concrete rigid frame design and pleasing architectural appearance, and a central dividing strip of 10' or 20' in width.

Tolls Pay for Turnpikes

Money for the turnpike and similar projects is obtained from tolls rather than from taxes. The methods for collecting tolls are numerous and differ with the particular highways in question. The tolls on the Pennsylvania Turnpike are collected at either ends of the route or at nine intermediate points of entrance to the highway. The advantages derived more than compensate the toll rate of one cent per mile.

Welcome news to Chicagoans is that plans are being made for such similar "Limited Ways" in this area.

Three Tech Touchball Tournaments Turn To Their Topnotch Tussles

New Cagers Fear Varsity Players; Few Turn Out For Practice Sessions

Warriors Gird For Week's Battles

Darkness is coming over Ogden Field, the weather is getting chilly, yass even cold, but the touchball tourney goes on. It's a long and hard schedule that the winners will have faced but at least they will know that they have really seen some action to come out on top. This week features some highlight games which should keep the boys going all the time.

Touchball Schedule

(Referees in parentheses)

Week of October 27

Tues.

9-10 Sr. chems v. Sr. mechs. (Fitch, Pleva)

Wed.

9-10 5A Co-ops v. 2A Co-ops. (Sundstrom, Bechtolt)

2-3 Soph civils v. Soph FPE (Bechtolt, Schilling)

Thurs.

12-1 3A Co-op. v. Jr. mechs. (Heidenreich, Bay)

1-2 Sr. FPE v. Jr. chems. (Heidenreich, Peterson)

Fri.

10-11 Soph mechs v. Sr. mechs (Gow, Goluska)

11-12 Jr. civils v. Sr. civils (Ratner, O'Connell)

2-3 Jr. FPE v. Screwballs (Sundstrom, Pleva)

Mon.

2-3 Soph mechs v. Jr. FPE (Fitch, Peterson)

Thus far, the most fiercely contested touchball games have been those between various classes of the same department. To wit: The Sr. civil, Soph civil game of last Friday which was won by the Sophs 6-0 as they scored in the last minute of the game. Also, the Sr. chem, Jr. chem game which ended in a 13-13 tie as the juniors came back in the last half with two touchdowns to tie the score.

Last Week's Scores

Soph FPE 19—Ques. Marks 22
Protest Allowed for FPE.
Sr. chems 13—Jr. chems 13
Sr. mechs 21—Sr. FPE 0
5A Co-op 25—Jr. CE 6
Jr. mechs 1—Sr. EE 0—(forfeit)
Soph mechs. 39—Soph chem. 8
Soph CE 6—Sr. CE 0
Jr. FPE 44—Wildcats 6

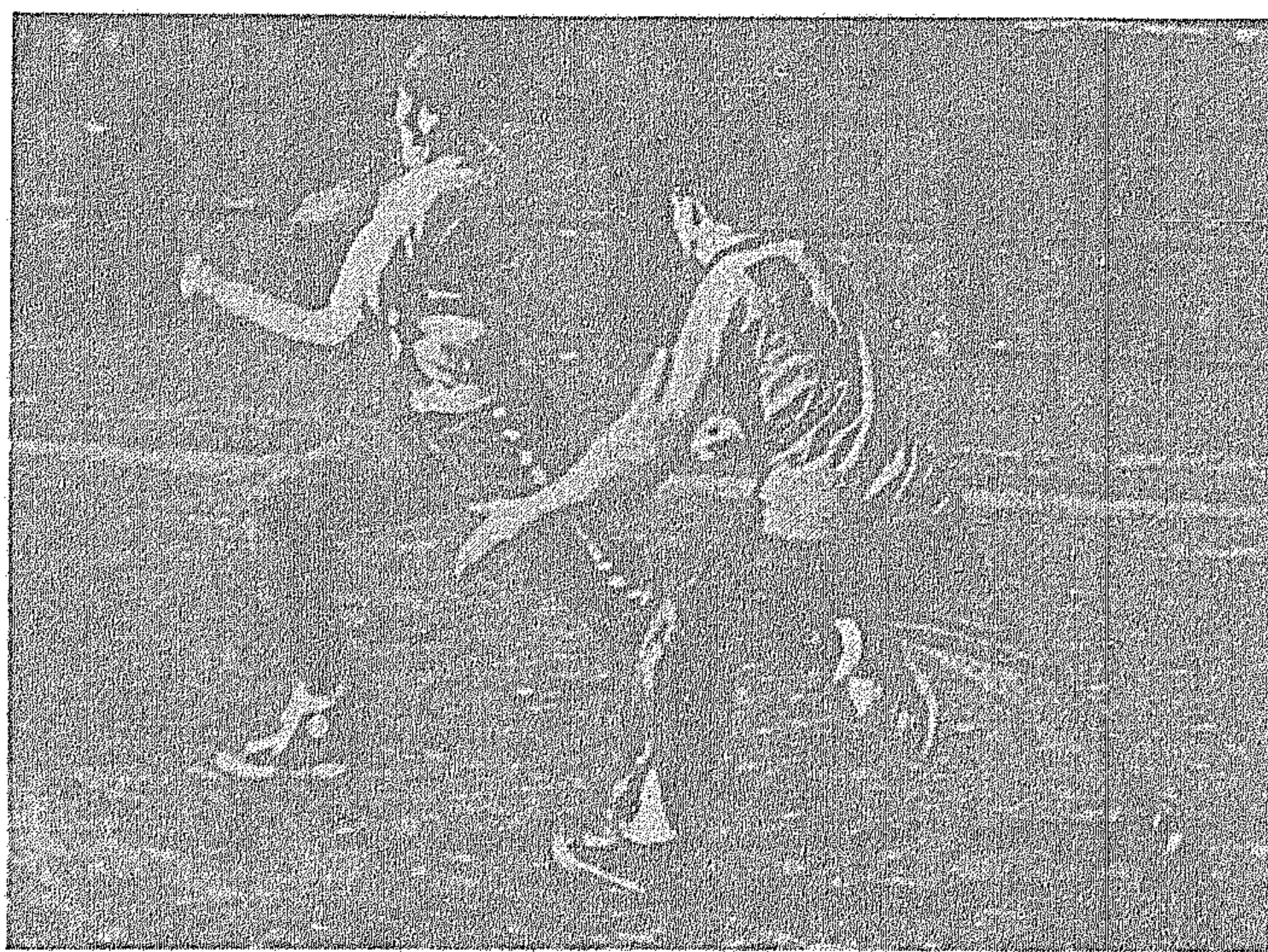
West Campus Game Opens Sleepy Eyes

In opening the touchball season at the west campus the "Jerks" scored an overwhelming victory over the "Tools" to the tune of 41 to 12.

Paced by the brilliant broken-field running of Roger "George McAfee" Friewer and the passing of Len "Sid Luckman" Wasielewski the "Jerks" proved to be too much for the "Tools." A pass in the first three minutes of play from Wasielewski to Len Marrese scored the first of six touchdowns for the "Jerks." Runs of 50 and 40 yards by Friewer gave them a lead of 21 to 0 at half time.

A pass that was almost intercepted by the "Jerks" bounced into the outstretched hands of Dick Veenstra who ran the remaining 30 yards for "Tools" first touchdown. Their second and last touchdown was scored on a pass from Kevin Quinlan to Joe Dalton which covered 40 yards.

I'M GONNA GETCHA'



Ivo Buddeke, soph chem, attempts to outrun the soph mechs, but is stopped, as was his team in the touch tourney.

Staff Photo by Bob Shank

DELTA LAMBDA XI WINS FRAT UPSET

Alpha Sigma Phi featuring a fast rushing line and shifty backfield ran roughshod over Rho Delta Rho last Wednesday, 18-4. Led by Al Dambros and Bill Hackbarth the Alpha Sigs showed ver-

Last Week's Games

Alpha Sigma Phi 18 Rho Delta Rho 4.
Phi Kappa Sigma 13 Sigma Alpha Mu 0.
Delta Lambda Xi 13 Delta Tau Delta 0.

satility in every department. Their running attack is powerful, their blocking is smooth and they capitalize on their opponents' errors. The Rho Deltas had several opportunities to score but each time they were within scoring distance a stiff Alpha Sig resistance tightened and held.

Phi Kaps Win

Bunce, Lease, and company, otherwise known as the Phi Kap six defeated a scrapping Sigma Alpha Mu team 13-0 in Ogden field last Thursday. Harry Devine and Bob Lease scored for the PK's who feature a pretty fair aerial attack and good groundwork.

Upset!!!

The upset of the week was the Delta Lambda Xi defeat of Delta Tau Delta 13-0. The Delta Lambs turned out to be lions as the Delta Tau Delta attack backfired. Sparenberg, Suthers, and Creagan were handcuffed by a sweet pass defense and cautious line.

Pi Kappa Phi and Theta Xi will meet this week in the first frat

This Week's Pairings

1. Alpha Sigs vs. Phi Kaps
2. Pi Kaps vs. Theta Xi
3. Winner Game No. 2 vs. Delta Lambda Xi

battle for both teams. Sparks should fly when Harry Heidenreich opens up against Frank Jenicus. The Pi Kaps, last year's champs, have a very good chance to cop the trophy for the second successive year.

A funeral will be held Friday night for the members of the feature staff who die in the touch duel with your sports department.

Hockey Hopefuls Shine Up Skates

Heading into their second full season the hockey team is making plans for a much more successful season. Last year the team showed promise but could never quite hit their stride.

This season will be the third year for many of the stars of the team. This nucleus includes Bill Natson, George Martinek, Morgan Fitch, Bill Crawford, Dick Metcalfe, and Reford Croon. These boys will graduate as a group in another year.

Despite this situation the plans for the future are bright. Many freshmen and sophomores, who expect to star, are planning to turn out for the team.

Coach Davey has announced that the schedule will include many top notch teams such as Notre Dame. The only team Davey will not try to play is Illinois, who furnish competition for the Chicago Blackhawks.

At present the team will practice their hockey on the football field until the outside rinks freeze over. This practice is expected to build up the stamina and power of the players.

Swimmers Make Seasons Plans; Tough Schedule Faced By Mermen

By Don Keigher

At a meeting called by senior manager Howard Bunce last Monday night, the Illinois Tech swimming team made preparations for its coming season. The addition of fifteen new candidates bolstered the turnout of veterans.

Manager Bunce, acting in the absence of Coach "Mac" McGillivray, outlined the probable dual meet schedule. Although not definitely drawn up, the dual schedule will include some of the strongest aquatic college squads in the Midwest. Among these are Loyola, DePauw, Beloit, North Central, Illinois Wesleyan, Chicago Teachers and the very strong University of Kentucky team.

Although the season will include a number of traveling meets, the finest trip of the year will be a five-day 1000 mile tour during mid-semester holidays. It will include

No Positions Set; Good Men Needed

At the end of the first week of basketball practice, about the only cheerful note is the spirit shown by the few men that have reported for practice. Only twenty-odd men have reported thus far and most of these, were on either the varsity or frosh squad last year. However, despite the small number out for the quintet, they certainly look sharp for so early in the season.

Peppy Workout

Last Tuesday night, these hopefuls were introduced to a backboard and basket for the first time this year, and yet they showed a lot of pep and not a few sharp eyes. Stepins and passes were the main topic of the first evening of practice. During the second workout of the season, a light scrimmage was held and the men are now really started on the long training grind. Coach Meyers intends to get his team ready and in the best possible condition in the shortest time possible, as the season is only four weeks away, and the toughest and most desirable game is only five weeks away. This year, Illinois Tech will play Chicago on the Midway, a bit earlier than last year, and Coach Meyers is really pointing his men for that game. Last year, U. of C. defeated the Techmen 29-25 in a bitterly contested battle. The inability of the Techmen to stop Capt. Joe Stampf of Chicago was the chief factor in this loss, and due to the fact that the Maroons have lost Stampf through graduation, things look pretty good.

New Offense

"Coach Meyers' Boys" will probably be equipped with two very effective offenses much the same as last year, one of these offenses being the fast break up the floor. The Tech offense has purposely been designed by Coach Meyers so that they can play a hard fast game with no breaking spells. Therefore, a lot of good stalwart reserve strength will be necessary. If this year's Techawk team will, or can show the spirit, speed, and team play that marked the efforts of last year's squad, there can be no doubt but that IIT will have a winning team this year despite the apparent lack of competent reserve strength.

TECH SHORTS

By "Ritchie" Guetzow

Athletic prospects at Illinois Tech are certainly looking up this year. Among the four hundred odd freshmen enrolled at Armour college over ninety men are high school letter-winners. These men are certainly welcome and are especially invited to come out for athletics at their earliest possible convenience.

One man that stands out among his fellow frosh is Bob McNerny, who is a state champion swimmer. McNerny hails from Lane Tech, where he specialized in free-style events. He looks to be one of the most outstanding swimmers to hit Tech in a decade.

* * *

Despite predictions of a winning basketball team at Illinois Tech this year, Coach Meyers is very disappointed in the turnout for the squad. He is very fearful that lack of reserve strength may cause serious complications as the season progresses. Only twenty-five men have turned out for practice thus far. Where are all of Tech's cagers hiding? Come on out and show your stuff — remember — nothing ventured nothing gained—also, it is better to have tried and lost than never to have tried at all. . . . Come on fellows! let's show a little spirit and a few basketball players to Coach Meyers tonight. The time: 5 p.m. The place: fifth floor main.

* * *

Whit Pearson, Tech's star swimmer, despite recent rains, definitely denies having practiced his various strokes in Ogden field last week.

* * *

Armour's senior arx are now the proud possessors of a football borrowed from the intramural manager. They play every noon on a regulation 'goal post' field in Grant park. Watch out for these boys.

* * *

Honor I takes great pleasure in announcing that the following men: Bob Neuhaus, Mike Schultz, Al Dambros, Mario Silla, Karl Koos, and Wayne McCullough have been taken into their select circle of "I" men, and will be formally initiated tomorrow night. The initiation will be held at the Pi Kappa Phi house.

* * *

Al Sharres and Marty Mongeau, the Mutt & Jeff of the Soph mechs touchball team each snared two of versatile Johnny Cotter's passes to outwit, outmaneuver, and thoroughly bewilder Ivo Buddeke and his Soph chem outfit. Final score: Sharres & Mongeau 30, Soph chems 6. P. S. "Slingshot" Danny O'Connell made the mechs other touchdown.

* * *

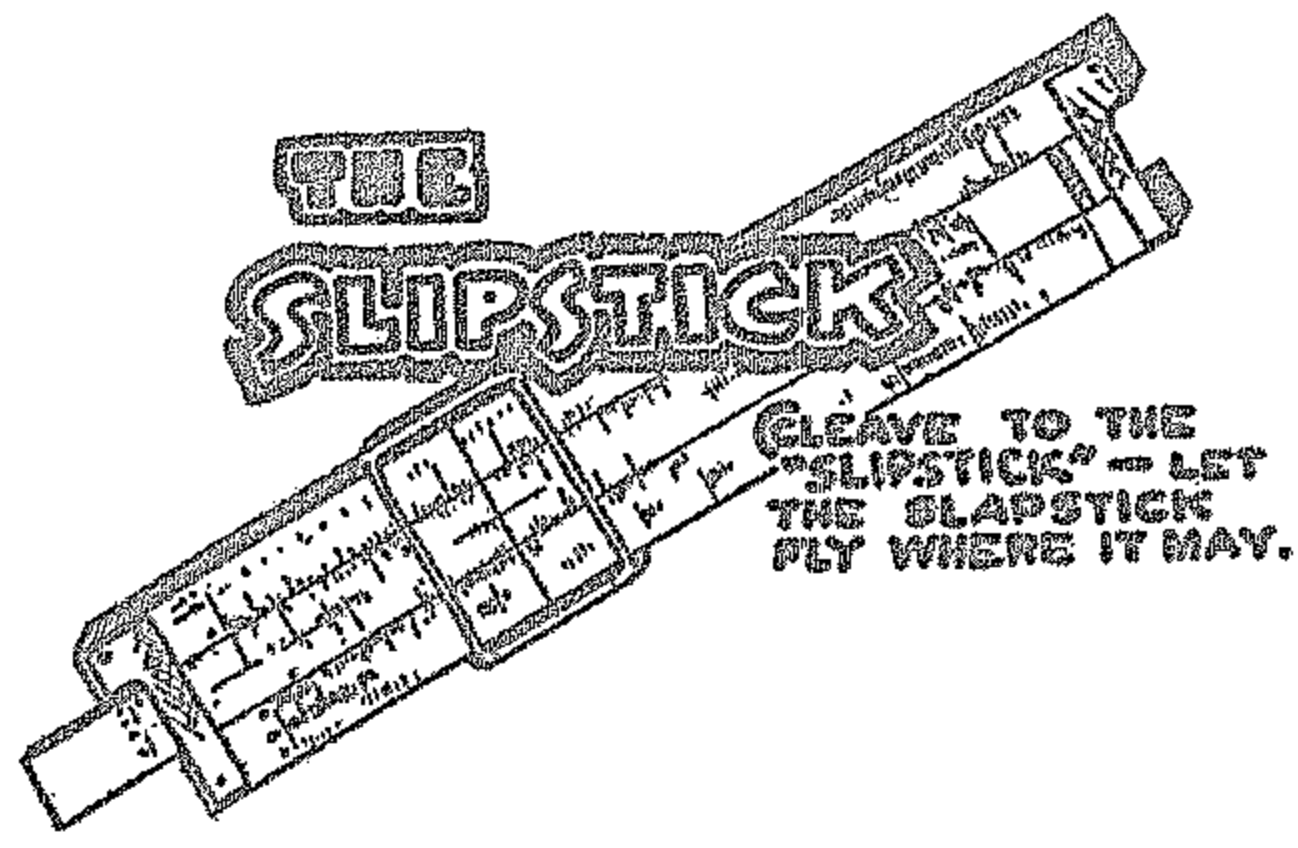
Fencing practice will be held in the gym at 4 p.m. each Tuesday and Thursday beginning on November 4. This year, Dr. Hayakawa intends to enter his fencers in intercollegiate competition. The "Doc" hereby issues a call for all men interested in this sport whether they have had previous fencing experience or not. New equipment has been procured, and there will be no dues or fees charged.

* * *

Referees are again requested to hand their programs into the intramural manager. You can not expect to work games unless Milt Pleva knows when you can officiate.

* * *

FEATURE DEPARTMENT BEWARE! THE SPORTS DEPARTMENT WILL GET YOUR SCALPS WITH SOME TO SPARE



If it's funny enough to tell, it's been told; if it hasn't been told it's too clean; and if it's dirty enough to interest the engineer, the editor gets kicked out of school.

Monday—I felt highly honored for being placed at the captain's table.

Tuesday—I spent the morning on the bridge with the captain. He seems to like me.

Wednesday—The captain made proposals to me unbecoming to an officer and a gentleman.

Thursday—The captain threatened to sink the ship unless I agreed to his proposals.

Friday—I saved six hundred lives.

There was the old farmer who noticed, while riding down a lonely road the other night, a young couple sitting in a parked car. The young man had a bottle in one hand and a girl in the other. "Harumph," said the farmer, "that must be one of them bottle-necks."

UNPOPULAR

There was a young man seemed unique
Who considered himself quite a sheik,
But the girls didn't fall
For the fellow at all
For he made only ten bucks a week.

The only difference between a cutie and an old maid is that the cutie goes out with the Johnnies and an old maid sits at home with the willies.

Son (who has caught his father kissing the maid): "Whatcha doin' Pop, kissing the maid?"

Pop (thinking quickly): "Bring me my glasses, son, I thought it was your mother."

A lady who had married a traveling salesman decided to raise chickens. When her husband returned from his trip he asked how the chickens were doing. With pride she answered: "Fine, I have five hens and two roosters."

The salesman was puzzled. "I don't understand why you have two roosters with only five hens."

"Well," his wife explained, "I got an extra rooster so the hens would still have one in case the other took a notion to go on the road."

She: "A woman's physical charms are her chief weapons in the battle of love."

He: "Well, one thing is sure. You will never be arrested, dearie, for carrying concealed weapons."

WE NOW STUDY MULES

On mules we find two legs behind,
And two we find before.
We stand before we find,
What the two behind be for.

Jack: "I'm a man of few words. Will you kiss me or won't you?"

Gloria: "I wouldn't normally, but you've talked me into it."

The reason no woman has ever married the man in the moon is because he makes only a quarter a week, gets full once a month, and stays out all night.

Counsel (in divorce case): "Is it true that your husband leads a dog's life with you?"

Wife: "He did. He came in the house with muddy shoes, leaving footprints all over the carpet. He took the best place near the fire and waited to be fed. He growled at the least provocation and snapped at me a dozen times a day."

Another fellow who lives off the fat of the land is the girdle manufacturer.

Just remember now that if Dad is worried when daughter is out with a boy, it is because he has a good memory.

OH MIN.

Blitzkrieg!

Despite shufflin' with the Sigmas Friday night, yawnin' the next mawnin', Saturday night soirees, and buckin' the Sunday blues, these bleary old eyes are still able to see through you all, and blast forth with the results of last week's excavating escapade with Ye Olde Pick and Shovele.

You'll never guess who I unearthed in the process, either!! None other than friend Johnny Ferraro, paying his respects to the institution where he gleaned some of that information stuff they blow around here! Johnny's cuttin' himself a mean hunk of career in the Kankakee ordinance works in Elwood, Illinois.

George Drevikovsky is really sprouting out this semester . . . or haven't you noted the fringe bordering the chasm? Carry on from here, Glamour Boy! Habla usted, Espanol?? This whisperin' whisker campaign seems to be quite the thing this semester. Haven't you fellas viewed the poetic hints thrown at you while lurching home on the "L?"

This week's bunch of assorted blooms goes to Mr. Rebic for his splendid cooperation in securing the desks for the typing tykes in the News office. We thank you from the bottom of our filing cabinets, Mr. Rebic.

Apples and Algebra

The apple polishing business hits new high in the E.D.T. division, with Art Fingerhut really doing it up right!! Neglecting his quota of what one a day keeps the doctor away, Art promptly and efficiently supplied the learned Prof. Jordan with a whole passel of the better grade businesses!!

Playin' hard to get is Bernice Falk. In fact, Prof. Marks informed this refugee from an algebra class that he was by way of including a truant officer in his employ-

ment for the sole purpose of keeping the old eagle eye on the 16x3-64y3 evader.

Clara Fowler really believes in drowning her sorrows! Seems the gal took the fatal plunge this summer . . . and darned near landed herself out of this world, waiting for "that" man to slip on his water wings and dog paddle out to save her. The whole idea is very definitely all wet, Clara!

The atrocious appellations that somehow or other find themselves an integral part of our salutations—Ed Weinfeld greeted as "Buttercup," Dick Johnson slightly perturbed when referred to as "Stinky," and Phyllis Hagar silently cursing the current nickname of "Fifi."

Ernie Lilek does it again!!! The happy little fixer with a mere grunt and a mighty wrench, broke the whole shaft of the water faucet up in the chemistry department.

Rendezvous Rambles

Betty Kennedy, Bucky Walter, "Moffey," and P. K. Reed talking it all over in the privacy of the back table in Haeseler's hide-out. John Boynton and Mary Flasher display a decided preference for the cloistered atmosphere proffered by the Lewis library.

Although we also have many minor "dirts" to reveal about the Lake Shore sweethearts, we'll keep you in suspense 'til Tuesday next.

Who said a woman can't keep a secret? Mercedes Brown has done an excellent job of secreting the work of Dan'l Cupid since she and Marty Gordon harmonized affirmation in St. Louis last April (inspired no doubt by the merger). The announcement of this startling news certainly stimulated the already live Sigma dance. Your Sixth Columnist takes this opportunity to express the belated "wishings well" of the Technology News staff.

THE SIXTH COLUMNIST

Stoopbrain Bliss Blitzes Back In Article By Hansen, Broken-Down Ex-Feature Editor

By Art Hansen, A.I.T. '40

Camp Wallace, Texas

October 24, 1941
(via pigeon express)

Dear Sally:

Wel, deer mountin flour, hear I am wunce more, yewre own old sweethart frum the hills, and now a soidier boy frum way up thar, in foreign service down hear in Texas. That exprezzaion that General Sherman uttered after the laste campane of the Civil War still flutters tru my mind, quote and unquote: If I owned both Hell and Texas, I'd rent owt Texas and live in Hell. Oh, wel, wun shouldn't think that way wen wun iz down hear in the land wear the word "Republican" whent owt with the dodo bird.

I am sorry that I havn't ritten to my sweet little girl frend lately like I used tew dew wen I wuz picking up culture back at deer old Armore, but the army and "things" hav kept me busy down hear, "things" standing abowt 5 feat too, waying abowt 115 and having hair—yes, none of that false wig stuff that I used to goa to the skool danzes withe, ye no, the type that every time she saw a man and dropt her eyes coyly, she had tew bend over and pick them up again.

The army iz grate stuff fore building a man up, & I recommend it tew any young lady hoo would like tew join. First thing in the morning we hop owt of bed. (Then intew the shower rume and stand under the cold shower fore ten minutes (sum mornin' I'm going tew turn the water on). We dry owselves briskly by slapping at the moskeetoos at a cadence of 120 a minute. Then off we goa to breakfust of hen fruit and cow juice, followed by vigorous calisthenics with mops and brooms across the flore. Then we put on owr uniforms and off we goa to work. Sorry, deer Sally, no more K. P. fore me, I am a goldbrick and work in the office at camp hqs.

I shure long tew see my olde mammy and pappy back in the hills, deer olde cousin Lamebrain, brother Halfstoop, grampa Bentwitz, my favorite skunk Otto, and more than him, yew deer mountin flour. I can still remembre that nite befour I whent off to the army, az yew and I and Otto sat under the tree down neer hollow gulch and held hands (yew and I, I mean), and I stroked the fur on his back (Otto's), and whispered sweet nothings intew your ears.

Then down at the station the next day tew see me off wuz the hole gang, and how grandpappy slipped me that 5 gal. jug of gude olde mountin dew, and how I explained tew the sargant at the induction camp that the notice had said that yew could bring along sports equipment, and that jug wuz awl the athletics I participated in.

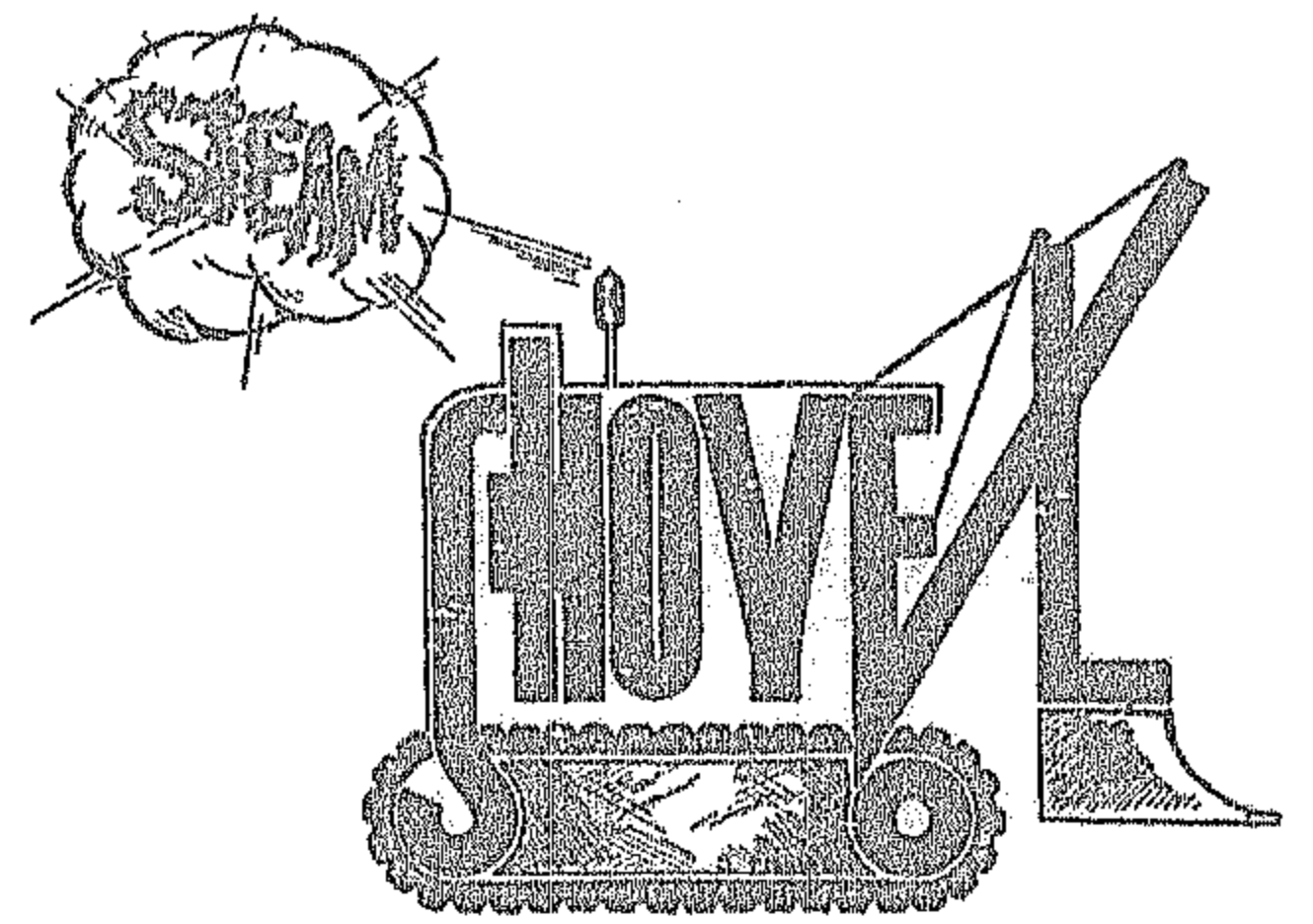
Wel, tyme passes on, and now I am a full-fledged buck private (\$1.00 a day insted of \$.70). I remember wen we were on man-uvers. As a little olde lady approached a bridge she wuz in the habit of driving over daily, she wuz stopped by a sentry. "Madam," he sed to her, yew can't drive across this bridge. It has ben demolished. Leaving her dumfounded, for the bridge wuz in no way owt of kilter, he walked off. Az she debated the possibility the the sentry wuz insane, another soidier approached, and she beckoned tew him. "Young man," she inquired, "can yew tell me any reason why I can't cross thiz bridge?" "Lady," he replied soberly, "I don't know a thing. I've ben dead fore three days."

Sozial activity iz pretty good down hear arownd camp, deer Sally, but don't yew worry abowt me. Danzes, danzes, and more danzes every week end in Houston. Gee, the people are shure frendly in that city. And the southern feminine pulchritude—wow! Down hear yew don't weed owt the homely gals frum the pretty wuns. The problem iz two weed owt the pretty wuns from the gorgeous wuns. It's so common down hear that the fellows (most of them are in the army) don't even whistle wen they pass a pretty girl, they just spat, take another chaw of tobacco, and keep on going.

Yew may think that I am laying it on thick, Sally, but yew no I am no liar. (Speaking of liars reminds me of the incident in wich the inhabitants of a Norwegian fishing village witnessed the forced landing of an airplane offshore. A fisherman set out tew rescue the pilots but sune returned without them. "They were Germans," he explained. "But weren't they alive?" somewun in the crowd asked. "Well, wun of them sed he wuz, but yew no how theze Nazis lie.")

Wel, I hav gotten riters cramps, deer Sally, so I gess I better close and get back tew my duties withe Uncle Sammy. Give my regards tew everyone. I'll be seeing them again sum day, I hope.

Stoopbrain Bliss.



Good morning class. I want your attention for about the next five minutes while I relate to you the latest slosh and slush about your fellow students! All of you will be held responsible for this material so I would advise you to take a comprehensive set of notes, (easily converted into first class blackmail info), and then work a few practical problems involving the basic underlying principles! Nice work if you can get away with it! All right class, grab your pencils!

Boy, is the administration glad that the Sigma Sweetheart dance is over and done with! Why, do you ask? That's easy—now the gals won't be around on Friday afternoons and the academic program can once more get back into swing. We understand that the various lab instructors have received orders to reopen the Friday lab sessions now that the source of local disturbance has disappeared! We're wondering what effect the gals' leaving will have on Midge Goluska, Pete Zemaitis, and their gang of rough-riding Jr. Mechs!!

Dr. Erickson, of Leningrad fame, gave his lecture on "Finger Nails" last week and pointed out that it isn't nice for a fellow to ask a girl out and then sit next to her (with her nice clean nails in full view as a contrast to his dirty ones) and cause her embarrassment. One of his students hastily offered a field method to eliminate this difficulty, his suggestion being that the fellow not sit with the girl where it's light!! We guess that this will just about complete O.G.'s lecturing — next week the above-mentioned bright scholar will probably conduct class!

It's really funny but the longer a guy stays around this joint the more evident it becomes that the regular school schedule takes too much of a student's time, interfering a great deal with his social life. This, of course, has a tendency to make the student live a fast life whenever he gets the chance. After many hours of research and deliberation, we have decided that the practical solution to this problem must necessarily be "a drastic reduction in the academic week and abolishment of all lab courses." We feel sure that the administration will give this matter due consideration now that they know how we feel about things.

We understand that Brother Hemman has issued a statement to the effect that any group endeavoring to remove his exterraneous foliage will be doing this at their own risk! Nice of the lad, isn't it? By the way, boys, while your at it why not attend to Rog Mueller, too?

WE HAVE RECEIVED THE FOLLOWING UNBIASED LETTER AND WE PRESENT IT TO YOU IN ITS ORIGINAL FORM:

To the Steamshoveler:

We, the students of Illinois Institute of Technology, do present this petition to the Steam Shovel to be forwarded to the proper authorities:

Whereas, the Blitzkrieg has descended to a level from which it cannot be raised, and

Whereas, the Sixth Columnist has demonstrated that he belongs to the 8th column of a Tech News sheet, and

Whereas, the column does smell to high-heaven;

Be it resolved: that the Sixth Columnist be banished to the French Foreign Legion, and

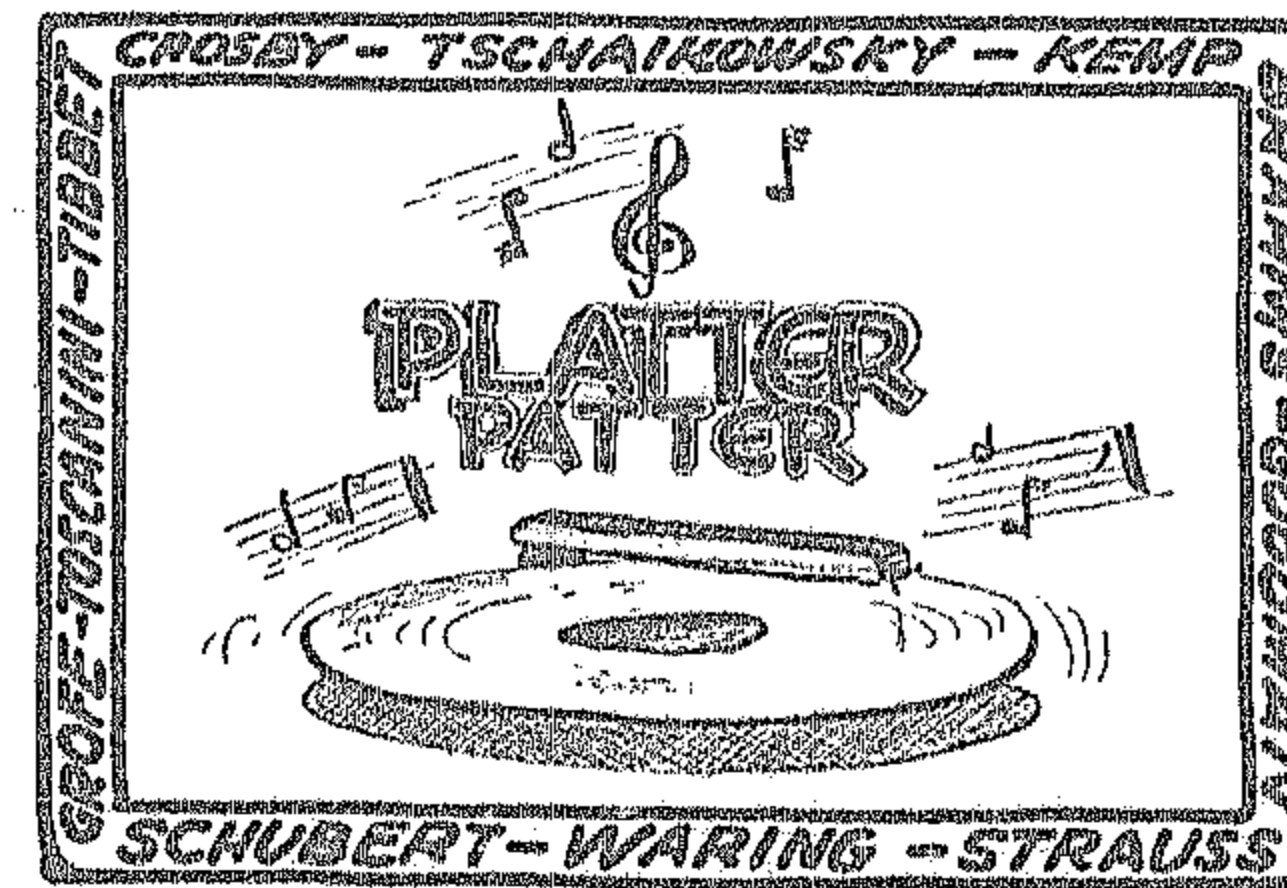
That the space formerly occupied by that column be devoted to more cultural subjects (namely, the life histories of A-1 burly-q queens, and

That the steam Shovel be given a vote of confidence in its outstanding column

(continued on page seven)

CO-OP NEWS

The Greeks Had A Word For It



By Ted van Gelder

To start off, Guy Lombardo has scored a winner in recording these two on one platter (Decca 3999). They are "I Don't Want to Set the World on Fire" and "Concerto," probably the two most played of the newer hits. The latter is, of course, recognized as Tschalkovsky's Concerto Number One in B Flat Minor, adapted to popular music. This is done in the usual Lombardo sweet style. The other is a perfect one for the Lombardo type and is sung by Kenny Gardner . . . Now to a more solid type with Will Bradley's orchestra recording of "City Called Heaven" with Lynn Gardner taking the vocal honors (Columbia 36297). This record will go places, especially with a reverse of "I'm Tired of Waiting for You," a novelty with Lynn Gardner and Ray McKinley singing the lyrics.

Horace Heidt and his Musical Knights give us "Trumpets Have Triplets" (Columbia 36380), which disappoints only in not having enough of his triple tongued trumpets featured on it. The Don Juans take the singfare. Companion is "Be Honest With Me," vocal and yodeling by Gordon Mac Rae with the Don Juans, and Fred Lowery whistling. This is surprising in not being corny. It's really different in arrangement.

Glenn Miller and orchestra wax "Boogie Woogie Piggy" (Bluebird B-11143) with Tex Benecke and the Modernaires doing a swell job on the vocal chorus. Listen to the clarinets and trumpets. Companion is "Boulder Bluff" an instrumental piece that is well put over.

Benny Goodman is back with us with "Russian Lullaby" and "Changes" (Bluebird 11226), both instrumental pieces in true Goodman style. As usual, the record exudes the solid jive and perfect rhythm and clarinet that Benny is famous for.

Arx News

Dear Critic:

Pardon me for getting serious this week, but, if you take heed, it may be advantageous to you.

My ensuing thoughts constitute a plan for unity. Yes, unity in the A.A.S. In the past this organization has not functioned efficiently, but that is no indication that it will not function in the future. The lack of efficiency may have been due to procrastination by the board of control; it may have been due to lack of interest on part of the students; but more than likely, it was a combination of these two elements.

It's high time we stopped fooling around. Let's get down to work; after all, the A.A.S. can play an important role in our school lives. By working together we can create a machine which will be profitable to us all.

This year we have a hard hitting board of control; a board that is just raring to function; then, too, we have noticed a rising interest in the A.A.S. on the part of the students. Working independently, these two elements will accomplish little, so it is up to us to see that they are unified.

Let your representatives on the board know what you expect from the organization. Let them have your suggestions, criticisms, or what ever. After all, if you don't make your desires known, the A.A.S. certainly cannot fulfill them.

At the present time, the board is trying to organize a party. As yet there are no definite announcements to be made, but the policy is going to be super informal. Just a chance to get wet, let your hair down, and be natural. Meeting on this basis is surely going to improve your understanding of your fellow students. So let's all get behind it and give a big push—this is our chance to get the ball rolling to bigger and better things for the Arx.

Yours for a better year.

ANN EBRIATED.

GODS

Robert J. Creagan

The interfraternity touchball tournament started with a dull thump as half of the teams involved met defeat. Triangle lost to Rho Delta Rho in the opener, (26-6), Delta Tau Delta lost to Delta Lambda Xi (13-0), after a rough and ragged game. The Rho Deltas were less fortunate in their second game going down before Alpha Sigs' bone-crushers (14-4). Phi Kappa Sigma remained unbeaten after tangling with Theta Xi, score 13-0.

Triangle announces with pleasure the pledging of Robert Backlund, freshman co-op A group. The coops are back at the Triangle house and h— reigns supreme. Triangles spooks will dance October 31 at the house.

Pi Kappa Phi held a Mother's tea last Sunday. Some fathers and assorted relatives were also found around the refreshments. Karl Norris has opened a pents pressing establishment. He'll prass yore bags to fit yore lags. No business this week though, the boys are going rough shod to the Hal-loween dance this Friday.

Delta Tau Delta is holding a costume ball this Friday. Abe Garnier is coming as Morphueus, doubling with "Smilin" Ed Kaeses who is coming as the Japanese sandman. We all hope Bagamery gets a good-looking date. The Deltas lost the tennis trophy to Delta Lambda Xi last Sunday.

Rho Delta Rho is holding her semi-annual pledge dance November 1 at Thorne hall in honor of the largest pledge class at IIT. Social chairman Bennett Edelman modestly reports that this will be the best dance ever held.

The Phi Kappa Sigma annual "Tri-chapter Alumni Banquet" was held last Friday at the Sherman hotel where the IIT chapter com-

GODDESSES

Helen F. Marzullo

From a delightful friendship shall develop a faithful sisterhood . . .

Last Wednesday, the Sigmas entertained their rushee guests at a cabaret party. Ellen Wick "and company" provided enjoyable entertainment for the girls. As souvenirs, the Sigmas presented each rushee with Yardley's cologne.

Virginia Allen Lombardo and Helen Phillips, two of the alumni members of the Sigma Beta Theta sorority, attended the party.

Last Tuesday, the Lambdas entertained their guests at a "Make Your Own Sundae" party. This novel idea may be accredited to Mary Flasher and Lorraine Surdyk.

The Kappa Phi Delta sorority held a reunion at Martin's Chinese room, last Thursday, at 7 p. m. With the exception of "Montana Mickey," nearly all of the alumni members were present. The actives were represented by Miss Blanke, Miss Morris, Pat Arns, Eileen Robinson, Ethel Witt, and Blanche Fried.

We are sorry to hear that Blanche Fried's mother was hurt in an auto accident and we hope that she will have a speedy recovery.

Well, folks, that's all there is; there isn't anymore! See you next week!

bined with the Chicago and Northwestern chapters for a very successful meeting. From all indications, the local chapter held a meeting following the banquet which extended far into the wee hours—theme of meeting — "Sweet Adeline."

For real clean, thrilling sport, watch the fraternity boys throw each other around in the mud at the next big game.

The call of "Come one, come all" is being sounded by the Daedalians for the Halloween Drift to be held in the Lewis gym on October 31, 3 to 5 p.m., admission 10 cents. This will be the first drift of the season, and the boys hope to have a record crowd out to set a precedent for future similar events this year.

The pledges of Gamma Rho will undergo their informal initiation at the Bismarck hotel on November 7, following their Hell-week activities at Lewis. Plans for the annual spring thing are now in process of formulation. More news on this event soon.

Who Done It?

While the safety pin is not as important to mankind as the steam engine or even spaghetti, it is as fully an important invention as the mousetrap. For as the mousetrap catches the rodent, so the safety pin catches the pants.

Among certain unmarried men, this doubled clasp is known as the bachelor button. The old maids refer to it lovingly as their beau catcher, for many an old maid became an ex old maid through her devotion to the cause of uncomfortable bachelorhood.

The safety pin serves man constantly throughout his life and even after death. The "kid in the three cornered pants" would not have his three cornered pants" very long if it were not for the safety pin. The dead man's shroud would not close so well if it were not for the safety pin.

Now the safety pin has a long and interesting history. One can find records of folded clasps as far back as the times of the Pharoos. The ancient Greeks (who had a name for it) carved giant safety pins on some of their finest statues in honor of this all-purpose fastener. The Romans turned the greater part of their noble bronze into battle trumpets and — safety pins. Marco Polo brought back safety pins of gold and silver from his now legendary journey to Cathay. When Marie Antoinette lost her head, this event took place within two inches of her jeweled safety pin. (When Stalin and Hitler lose theirs, may it be within an inch and seven eighths.)

Pins, pins, pins everywhere. For all we know, the safety pin is playing an important part in holding the world together in these troubled times.

Oh! By the way, who is the inventor of the safety pin? I don't know. "Who done it?"

Other Campuses

By Charles L. Ball

In 1939 Missouri Valley college and Dartmouth university gave Robert Ripley honorary degrees of doctor of letters and master of arts, respectively, and Oglethorpe has included some of his drawings in its Crypt of Civilization.

The ace fullback at Clemson scored 22 points while wearing jersey No. 22 last season. Athletic officials gave him No. 99 this season.

A professor of history at Grinnel has predicted an 11½ month school year within the next decade.

Statistics of the Indiana State college show aeronautical engineering as the most popular course, followed in order by mechanical, electrical, chemical, radio and civil engineering . . . There are students from twenty different states of the Union, also students representing seven foreign countries.

College engineers at Michigan State college say that the rain, which fell from clouds collected near the 90 foot ceiling of the field house, has been stopped by the installation of a humidity control system.

The Salemite estimates that each student in Salem college pays approximately \$1.25 for each hour spent in class.

Students of Georgia university staged a motorcade program in Atlantic lately, to persuade Governor Talmadge to "restore to independence" of the university regents.

Kansas State recently held a song writing contest offering a \$50 first prize, and possible adoption of the song as the "alma mater," to celebrate their seventy-fifth anniversary.

Someone with obviously nothing to do discovered that while many of the screen's heart flutterers have no more than high school educations, almost all of the real villains and ghoulish-haunters are college graduates.

Co-ops, this is your column. Any information which would be interesting, amusing, or otherwise is eligible material for this column. Both A and B group dope is acceptable. Please give these tidbits to your class secretary.

Harry Schrader 2A, is interested in starting a co-op bowling league. If anybody else has similar ideas, why don't they contact Harry immediately and discuss the situation. Some league bowling might bring my 87 average up a little.

Speaking of bowling Bob Anderson 2A, astonished the bowling world last Thursday with seven consecutive strikes for a 222 game. Jim Carroll 2A, also astonished the bowling world, but in a slightly different direction. Jim Ramseth 3A, was also seen at the alleys, aiming that big black ball at those little pins. Wonder what his score was? Another minor miracle was Weissman's 187 game (avg. 110).

Engagement rings are being passed out by the 4th year co-ops. Here are the known ones: Art Mascarello, Glen Carlson, Phil Graham, "Sandy" Sanders.

Fred Johnson 3A took the fatal step in September. Yes, he's married.

The 3A team, "dark horses" in the intramural touchball tournament, announces as minimum requirements for squad candidates the following: weight, at least 100 lbs.; height 5'3"; must be able to see with glasses. The following "Supermen" have met these stringent requirements: Robbins, Adamek, Ohgren, Crawford, Johnson, Barnabee, McClenaghan, Packer, Aggerbeck, Robin, Ramseth, Logue. Of course, directing these horses will be that coach-player-manager, "Knute" Wittekindt.

The Senior Co-ops have been having a gay time in the touchball tournament. So for the Junior Civils and the Soph Co-ops we're dug out of the mud after being walked on by this mass of manhood.

Should an election be held to determine the co-ops "No. 1 Ladies' Man" or should the title just be given to Ray Schultz 4A?

Bill Smart and Jack O'Laughlin report that the freshman class is still here and working hard.

Safety was the theme of the Chicago Screw Co. Co-op club meeting last Friday evening. To get in the spirit of the topic Frank Carqueville 2A drove to the meeting at a reasonable speed. Another shocking surprise was the appearance of refreshments, movies, and refreshments. The officers of this new regime are Howard Berg 5B, president, Don True 4B, vice-president, and our own Barney "The Face on the Badge" Wasisco 5A, secretary-treasurer.

STEAM SHOVEL

(continued from page six)

and its sterling work.

(Ed. note: This letter was accompanied by an impressive list of signatures of students from both campuses. A careful count revealed that 6,999 out of the 7,000 IIT students had signed the petition!)

The feature staff accepts the half-hearted challenge cautiously extended them by the sport staff to a touchball game.

The feature staff, in order to make the sides more even, will use only two men at a time, one to throw the ball and the other to catch it, since they admit there is no man on the team who can run fast enough to catch his own pass. These two men will be blindfolded and guided by seeing-eye dogs who will not be allowed to block for them.

The line-up follows:

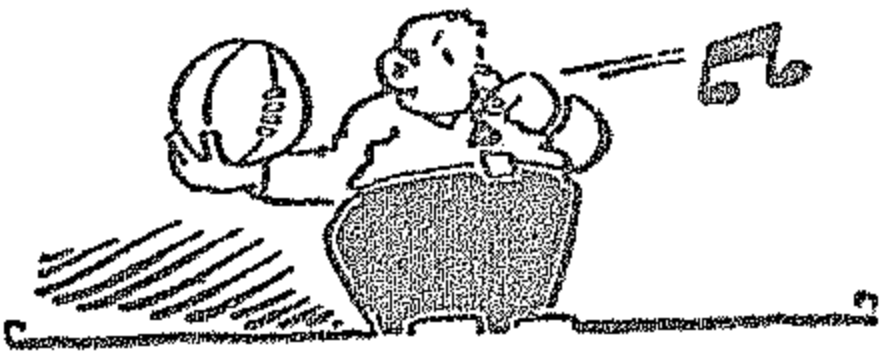
Feature staff: "Mauler" Minwegen; "Plunger" Pleva; "Slasher" Sundstrom; "angler" Minwegen, the younger; "Pounding" Pollack; "Swivel-Hips" Swan; and "Whamming" Worcester.

Short Staff: "Swivel-Head" Spitz; "Bubbles" Bechtolt; "Bone-head" Bulks; "Pounding" Fitch; "Giggling" Guest; and "Kisser" Keigher.

Class dismissed until next Tuesday!

SOOPER SNOOPERS!

TIME OUT



By Warren Spitz

With the adoption of the revised ITSA constitution, Illinois Tech officially opens its sporting campaign. For the athletic teams, this season should carry great importance as it represents Tech's first real attempt to make an outstanding name for itself in all fields. Last year was one of much indecision and experimentation, in which the founding Illinois Institute of Technology meekly thrust its head into the public eye and excited some notice.

Carnegie Tech, bewildered by its downfall in athletics during the past few years, has sponsored a campaign to "rebuy" its athletic glory. The student body has been "sucked in" by the surge of opinion favoring the "purchase" of star performers so that Carnegie Tech could regain its position as a top "football" school. Rah, rah for the engineers.

Illinois Tech, on the other hand, does not want to buy glory in the world of sports. Through its excellence in scholastic attainment, it has gained honor and the respect of the country for what it is, a fine institution of education and a builder of men and women who can make a place for themselves.

We want to be recognized as a top school. Not for superiority in sports but for all-round ability. We can do this by building up all weak spots, whether it be in teams or in educational personnel.

Illinois Tech isn't going to buy its way to the top. It's going to build and fight its way there. And when it reaches the top it isn't going to fall because we haven't bought enough good football material. We're going to stay on top because the school has built men who can throw a tackle in any venture and score their goal in the world.

We want good teams, good coaches, and good equipment, certainly. We want our boys to win and we'll fight like h-l, but there won't be an auction of players or coaches if the squad takes it on the chin.

We're going to keep in step with the development of the new Illinois Tech and this means a better caliber of teams which will be enhanced if the athletes are given new playing fields and buildings. These are all coming, so let's not get out of step in the parade to the top. Let's get out for those teams, now. Let's support the men by turning out at the meets.

Feature Staff Forced To Accept Challenge

Visible through the haze of last Friday was the drooping figure of Feature Editor "Ghoul" Minwegen, leader of those cadavers known as the feature staff. Amidst his wheezes, in most indiscernible words was heard a suggestion that the challenge of a touchball game with the sports department be accepted.

Undying carcasses "Soop" Swan, "Mucklehead" Galandark, "Pig-head" Pollack, and "Softhead" Sundstrom assented and amidst grunts of approval it was decided that Friday next will see Illinois Tech's sports department rid the campus of these creatures.

For the living sports department "Speed" Spitz accepted by naming "Fleetfoot" Fitch, "Charging" Bechtolt, "Flash" Keigher, "Blue Streak" Guetzow, and "Lightnin'" Butkus on the board of strategy.

Mae Kruger Elected Badminton President

Mae Krueger, senior pre-professional student, was elected president of the Illinois Tech Badminton Club at the first meeting of the club October 20. Her choice as the first president of the newly organized club was unanimous, the members feeling that her experience and skill as a badminton player, together with her extensive knowledge of the rules entitled her to this position. In addition officers elected were: Freshmen Ann Mossner, secretary, and Dave Kester, manager.

The Badminton club, membership in which is open to both male and female students, is an outgrowth of the unorganized games played in the gym on Monday and Wednesday afternoons.

Racquetters To Gather Thursday For Special Organization Meeting

Illinois Tech netters will convene in Room U2W of the Student Union at five p.m. this Thursday, for a special meeting prior to the beginning of fall practice. A large turnout is expected, as last minute dope concerning the practice sessions will be made known, and the proposed Junior Week trip covering the University of Washington at St. Louis, University of Illinois, St. Louis university, will be discussed.

Prospects for the coming campaign seem very promising as five lettermen are returning; several freshmen, including high school lettermen, are competing for a berth.

Though he looks for an improved team this coming season, Coach Davey also averred that the won-lost record will probably fall short of the last campaign's because a much stiffer schedule is being booked. All possible pushovers are being eliminated, and top-notch rivals are being substituted.

Two Teams

Also, if the caliber of the squad warrants it, two teams will be formed.

The members of the first squad will be largely chosen on their fall showing. The first practice is at the Armory, Wednesday, November 5.

LEWIS BOWLING LEAGUE STARTED

Twenty-three members of the west campus co-op department will form the nucleus of the Lewis bowling league. The league will bowl at the Madison Square Bowling Alley which is situated at 1452 West Madison street. The players will meet at the bowling alley on Fridays at 2 p.m. Anyone interested in bowling can enter as a team member or individual.

Three games will constitute a series. The cost of bowling will be 20 cents a line plus a small extra charge which will pay for the prizes. Prizes will be awarded to the winning and placing teams as well as to the persons possessing the high game and series.

ADRIENNE AMES (star of stage, screen and radio) visits many training camps in her job as Chairman of the Entertainment Committee of the Home Legion. A carton of Chesterfields is a mighty welcome gift for the men in camp.

Mighty important in this man's Army

It's Chesterfield

Follow the lead of Adrienne Ames and send the men in the camps the cigarette that's **Definitely Milder and Better-Tasting**

Everything about Chesterfield is made for your pleasure and convenience... from their fine, rightly blended tobaccos to their easy-to-open cellophane jacket that keeps Chesterfield always Fresher and Cooler-Smoking.

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EVERYWHERE YOU GO

They Satisfy

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