

TECHNOLOGY NEWS

"World's Greatest College Newspaper"

VOL. 23—No. 7

Z143

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

NOVEMBER 11, 1941

Freshmen Split Over Presidential Choice; Require Third Ballot

Elect James Gibbons
Vice-president

In a runoff last Tuesday, the class of '45 elected James Gibbons as vice-president. A week ago last Friday in the original election, the following officers were elected: Herbert Post, secretary; Eugene Andre, treasurer; Harold Skinner, ITSA representative; and James McNerney, social chairman.

While it might seem that definite decisions should have been made on class officers, the freshmen persist in prolonging the election. Norman Dazenbrook and William Murphy were tied at 68 each in their part of the ballot. Another runoff will attempt to decide the hotly contested office.

Dr. Kanne To Talk On Atom Smasher In Modern Physics

"The Atom-smasher in Modern Physics," will be the subject of a talk delivered by Dr. W. Rudolph Kanne, assistant professor of physics at a general assembly sponsored by the Western Society of Engineers to be held in the Student Union at 10:20 a. m., Friday, November 14. He will expound on the general subject of the application of atom-smashers to the study of physics and other sciences. Also, the method of choosing the type and size of machine to produce the most desirable results in various fields, will be discussed.

It is hoped that the atom-smasher, important particularly in the science of physics, will disclose facts which will aid in checking against the theoretical ideas concerning the nucleus of an atom. In fields other than physics, the instrument has proven successful
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Standard Oil, General Motors To Interview IIT Seniors Soon

"I'll appreciate it very much if all the senior and graduate students would get their records in," said Mrs. Carroll of the Placement department last Friday to your Tech News reporter. "Big companies are on their way, and many records are still outstanding."

An agent of the Standard Oil company of Louisiana was here last Wednesday to interview prospects. On November 12th, representatives of R.C.A. and General Motors will be at IIT to talk with qualified seniors and graduate students. General Motors is particularly interested in interviewing the mid-year graduates, who include co-operative students and a few men from the regular day school. General Motors is looking largely for Business Administration students, and it is hoped that some men will qualify for this specialty.

"Naval officers, to be commissioned, need turn in only one record for the files instead of the usual five," Mrs. Carroll stated.

During the interview, Mrs. Carroll referred to a pet peeve. That is that so few students coming to the Placement department know the name of her co-worker, Mrs. Margaret Parris. This young lady is the wife of Clytus Parris, a graduate student in civil engineering.

Of course, "Uncle John" Schommer is working hard on employment for the Christmas vacation. All students who are interested are urged to watch the placement board in the student union.

IIT Psychological Museum To Hold Open House At Lewis Institute

Student Cafeteria
Committee Reports
Excellent Progress

Excellent cooperation and considerable progress in improving the service of the cafeteria was reported last week by the South Campus Cafeteria Committee, as a result of a series of meetings with Mrs. Thompson, manager of the lunchroom.

Although by no means all of the things under consideration at the present time have been brought into effect, last week saw several new items on the menu and larger portions of some foods. Hamburgers, hard rolls, gravy flavored with vegetables, and thicker slices of meat are some of the new features.

In addition to the foregoing changes, French fries, hot dogs, bottled pop, and a specially low-priced series of plate dinners appear to be definitely on the way. French fries and hot dogs are expected to appear some time this week.

Although nothing definite has been decided restaurant equipment experts are being consulted as to a more efficient cafeteria layout to provide room for a short-order counter serving such items as hamburgers, hot dogs, French fries, etc., for quick snack lunches. Considerably increased variety, attractiveness, and quality of salads and plate lunches is also
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Present Demonstration
For Junior Colleges

Demonstrations of experimental studies of perception, learning, and emotions will be one of the features to be presented at the seasonal opening of the Psychological Museum Wednesday and Thursday evenings, November 13, and 14.

Students from Crane and Englewood Evening Junior colleges are scheduled to attend the first evening at 7:30 p.m. and students from Englewood Evening High School will be present the second evening at the same hour. The doors of the museum will be open to the general public between the hours of 7 to 10 p.m. each evening at which time all comers will be admitted without charge.

Only One Of Its Kind

Dr. David P. Boder, executive director of the museum and professor of psychology at IIT will deliver a lecture, on the experimental studies already mentioned, at 8 p.m. each evening. The museum, the only one of its kind in the world, was inaugurated October 25, 1937, at its present location in the Lewis institute building and has been a constant source of pleasure and scientific research. Although the exhibits are not open on a definite schedule, any organized group may arrange for a tour among this fascinating collection of intricate yet completely explanatory equipment. At these times the public is admitted in addition to the members of the organizations sponsoring the tour.

Machine for Women

It is the hope and the desire of Dr. Boder, who is constantly adding to the experimental machines, that this group of equipment will do for psychology what the Rosenswald museum is doing for industry. The collection contains the only device known to man that is capable of really understanding women, entitled Photopolygraph, which records all of women's previously unfathomable emotions.

The museum, in affiliation with IIT, is a source of a considerable amount of information on time and motion study and related topics all of which are of an immeasurable value to leading commercial fields throughout the world.

Gigolos, Get Your Glamor Gals; Turkey Trot To Be Terrific

Tickets for the Turkey Trot, the Dance club's social opener, were placed on sale last Wednesday at the regular meeting of the club.

Open to the entire school, the "Trot" is to be the club's most elaborate affair to date. Coming the night before the start of the Thanksgiving holiday as it does, all students who attend will have the luxury of knowing that their evening of fun is in no way impairing their studies.

Evening of Surprises

While the final selection of the orchestra has yet to be made, officers of the club have carefully worked all the other details and promise a gay evening of dancing and fun, enlivened by several very special events which they are keeping secret.

Herman Tachau, president of the Dance club, announced himself as being very pleased with the ticket sales to date and stated that anyone desiring tickets could purchase them in the Registrar's office, the book store or from any of the club members. Following the Dance club's policy of keeping everything at cost and using part of its own funds to defray costs, tickets for the affair are only 35 cents per couple. No stags will be allowed. Dancing will begin at 8:30 and will continue until

the dancers decide that it's time to head for home territory.

Constituting quite a sales force are the club's members. Each member has been charged with the sale of four tickets, after which he will be given one free ducat. At present, with the membership drive still on, the club has taken 115 members into its fold.

Nurses to Attend

Functioning smoothly, the IIT confederation of terpsichoreans have been improving each meeting. Last week Milt Pleva and Tony Groh were added to the staff of dancing instructors to replace William Daly who is being called to the Army next week. Aiding the staff were a number of girls from the Lewis campus, who acted as attractive and willing partners to the boys in the various classes.

Special improvement this week will be the fact that the group of Lewis girls will be aided and abetted by student nurses from St. Luke's hospital. Special cars will be sent to the hospital to pick up the girls and, after the meeting to get them home. Also, an effort will be made to hold each of the three classes, beginners, intermediate and advanced in separate rooms.

ARMOUR PLAYERS SELECT OFFICERS FOR COMING YEAR

Gamma Theta, honorary dramatic fraternity, held an important meeting in the student union last Monday night. Its purpose was to elect officers for the year and to prepare a program for the Armour Players year activities. Prof. Walter Hendricks, the faculty advisor, attended and aided the boys in formulating the plans.

The members elected to office were: Art Minwegen, president; Jim Harmon, vice president; Hugo Geissler, treasurer; William Hasskarl, stage manager; Edward Oplila, asst. stage manager; Jerome
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"Gas Masks" Subject Of Address Delivered To Chems At Lewis

Captain Ira H. Monell, C.W.S. officer in charge of the Chicago warehouse of the chemical warfare division, delivered an hour lecture on types, constructions, and uses of United States army gas masks at Lewis November 3. The talk, intended principally for the co-op industrial chemistry class, was attended by a large percentage of the chemistry majors. Captain Monell effectively utilized an extensive exhibit of gas masks and their containers to illustrate the points of his lecture. This display, which included the compo
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Enrollment Figures Reveal Gain In Day School Student Registration

Enrollment figures through November 4th revealed a total registration of 5,631 students here at the Illinois Institute of Technology for the 1941-42 session. This amounts to a reduction of 4.08% less than last year's figures of 5,871 registrants.

The greatest loss in attendance was recorded in the evening division where a total loss of 6.8% from the 3,656 students that registered for the night school courses last year. The Lewis campus has 229 fewer students whereas 20 less students registered for evening classes on the Armour campus.

Armour Shows Increase

Armour College of Engineering has an increase of 5.1% in its daytime enrollment on the south campus and shows a greater number of students in most departments. The number of men in the mechanical engineering department increased from 456 to 476, a difference of 4.3%. There are twenty-four more men in the civil engineering department. Sixteen more students registered for the bachelor of science degree and eleven students are registered in the new industrial engineering curriculum.

Lewis Daytime Up

Student enrollment in the daytime courses showed increases in some departments at the Lewis campus. Applicants for a degree in chemistry increased by thirteen

Art Department Head Exhibits Paintings At Chicago Galleries

The Chicago Galleries association is showing the paintings of Miss Marie Blanke from November 1-22.

Miss Marie Blanke is the head of the art department of Illinois Tech, and is well known in the world of art. The paintings being exhibited will be Michigan landscapes, street scenes, and flowers, and are the result of Miss Blanke's summer work.

One of the scenes that Miss Blanke was permitted to paint was the Carrie Filer Home for Aged Women, this work will probably be included in the exhibit, as will several other canvases that she completed during her stay at Manistee.

THIS WEEK AT IIT

TUESDAY
Sigma Omicron Lambda pledging, tea room, 12 p.m.
Gamma Theta, 5 p.m.
WEDNESDAY
General Assembly, SU auditorium, 10:10 a.m.
Alpha Lambda Pi meeting, Laird community house, 7:30 p.m.
Psychological Museum, room 401, 7:30 p.m.
THURSDAY
Psychological Museum, room 401, 7:30 p.m.
FRIDAY
W.S.E. Assembly, SU auditorium, 10:10 a.m.
Medical Arts Guild meeting, room 307, 3 p.m.
Gamma Rho initiation, Bismark hotel, 8 p.m.

EDT TO INCLUDE MANAGEMENT IN TRAINING COURSES

Having registered some 3,000 students, the Engineering Defense Training Committee, headed by Prof. J. I. Yellott, has completed enrollment for various courses offered under the engineering, science, and management defense training program. At present 40 different courses have been broken up into approximately 125 sections of from 20 to 50 persons per section.

Since the beginning of the EDT program last year, IIT has trained a greater number of persons than any other institutions in the nation, with the exception of the University of Pennsylvania. The defense training operations in this district are not confined to the campuses of Armour and Lewis; there are large classes operating in Joliet and Waukegan as well as on the premises of several of the larger industries of the Chicago area.

Within the next few months the committee expects to launch a huge safety program to train about 2,000 men. This program will be administered by the defense training committee and given under the joint sponsorship of Illinois institute, the national committee for the conservation of manpower in defense industries, and the Greater Chicago Safety Council.

Gamma Theta—

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Pinsky, business manager; and Rocco deStefano, secretary.

Since its inception in 1939, Gamma Theta has proven itself a very necessary and important honorary fraternity. It awards recognition to those prominent in the field of dramatics. The prime functions of this body are to select, supervise, and sponsor the work of the players guild.

In addition to electing the above officers, several important points were cleared up. It was definitely decided that there would be a faculty director this year. For the last two years, the directors have been selected from the student members themselves and their work has been excellent.

However, the work is a bit too strenuous for a student still striving to receive his diploma. Another important statement issued regards the first production which will be produced during the second week of the new semester in February.

The group will hold another meeting this Wednesday at five

Capt. Monell—

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ment parts of the a gas mask at various points of assembly in addition to the completed product, was a part of the OPM Small Business Men's Clinic at the Stevens hotel last month.

Four Types Discussed

Captain Monell explained that there are four types of masks in use by the army at the present time. They are: (1) "training," issued to selectees and recruits because of a rather sturdy construction; (2) "service," issued to all divisions which are being equipped for field service; (3) "diaphragm," issued to men who must give orders, since it is so constructed that the intensity of the voice is scarcely diminished and is clearly audible at the usual speaking distances; (4) "optical," issued to men who must use optical instruments in line of duty. The last type has provision for the installation of specially ground lenses and is used principally in the navy.

Outstanding Features

All the masks, with the exception of the optical type, are fitted with plastic eye-pieces instead of glass, causing a saving of several dollars per mask by simplifying construction. The masks are a remarkable improvement over the ones used in the World War in that they have no inconvenient nose clamps or mouth-insertion breathing tubes.

The War Department feels that these masks are the best in the world at present because they are the only ones containing soda lime in addition to charcoal in the canister. The soda lime tends to maintain and increase the life of the canister by reactivating the charcoal.

100% Inspection

These gas masks are one of the few complex products that undergo a one hundred per cent inspection. As a result of this close inspection, which includes a reaction test under simulated field conditions, every mask is certain to have a life-span of at least six months under any probable field conditions.

Captain Monell found IIT quite familiar, as he attended Lewis institute as a student and instructor in mathematics and chemistry from 1931 to 1938.

o'clock for the purpose of selecting a play. It is hoped that a satisfactory mystery-comedy might be discovered. When the play is selected, casting will begin immediately. This will be a good thing for potential thespians interested in appearing before the footlights to bear in mind.

TWO PLEDGED TO SALAMANDER AT F.P.E.S. MEETING

Featuring a film in technicolor presented by the Cordox Corp., the F.P.E.S. meeting, held on the fourth floor of main, Friday, November 7, was received with much enthusiasm.

Opening the meeting, Professor Finnegan gave a short summary of the requirements for admission to Salamander, F.P.E. honorary society. Robert Creagan, president of the society, presented pledge pins to Robert Bechtolt, the only member from the junior class, and to Robert Kerney, senior.

Modern Equipment Shown

Richard Taylor, president of F.P.E.S., introduced H. E. Ryerson of the Cordox Corp. who presented the film on modern methods of fire extinguishing with carbon dioxide. The film contained interesting data on the effectiveness of extinguishing different types of fires. Fires which can be most effectively extinguished with carbon dioxide are those of an oil and electrical nature. Carbon dioxide, being heavier than air, does not allow oxygen to reach the inflammable substance thus quenching the blaze. The film also showed various field experiments carried on in combating conflagrations.

Cafeteria—

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promised to gradually appear on the daily menu.

Stress is also being placed upon better coffee, tea and cokes, and lower milk prices.

The cafeteria committee especially expressed its appreciation of the prompt and whole-hearted cooperation it has received from Mrs. Thompson. Appointed at the close of the boycott by the ITSA, and consisting of student leaders from every department of the engineering college, the committee is as follows:

Co-ops. Bill Werninghaus
Civils Norman Lettvin
Architects Ed Farrell
Chemicals Morgan Fitch
Fire Protects. Bob Bechtolt
Electricals Tom Brown
Mechanicals Pete Zemaitis

All interested students, faculty members, and office workers are urgently requested to express any ideas that they may have on the improvement of cafeteria food to the members of this committee so that the changes urged by it may be as representative of the cafeteria patrons as possible.

Metal Fatigue Study Conducted By Ratzel For Welding Research

Elmer Ratzel, C.E. '41, is now research assistant in the new Diesel laboratory working on one of the most interesting projects—the study of the behavior of metals under fatigue. This project, sponsored by the Welding Research Committee of New York, is one of the few investigations at the Institute sponsored by outside organizations.

An Outstanding Undergrad

Prof. Joseph Marin, chairman of the committee, stated that Ratzel had been a great credit to the school as an undergraduate. He was president of Chi Epsilon, honorary civil engineering fraternity, as well as president of the orchestra. After graduation Ratzel was employed by the Illinois Bell Telephone company until he received this part time assistantship through the \$1250 fund set aside for this project.

Other members of the Welding Research Committee, besides Chairman Marin, are Colonel Jenks of the War department and Prof. Sayre of Union college. These men have developed the fatigue testing machine and if the experiments should prove successful, a whole battery of these machines will be installed. Prof. Marin recently attended the Welding Society convention in Philadelphia for the purpose of furthering the development of these researches.

Atom Smasher—

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in revealing realities, which would otherwise have been undiscovered.

Located in the physics building on the south campus, the electrostatic generator designed by Dr. Kanne will probably be completed by next summer. The machine is housed in a tank eleven feet long and four and one-half feet in diameter. A pressure of 150 pounds per square inch is maintained in order that the entire apparatus may be built on a smaller scale.

Radio-activity, a forerunner of atom-smashing was first disclosed by Becquerel at the end of the 19th century. In 1919, atoms were first smashed by radio-active elements. Results of suggestions to uses of a greater amount of lower energy particles in place of radio-active elements, were first observed in 1932. Since this date, higher voltages have been obtained which consequently resulted in the observation of a wide variety of new nuclear phenomena.

An invitation to attend the meeting has been extended to all persons who desire to absorb more detailed information on the subject of atom-smashing.

'POP' CONCERTS

Tickets for the November 22 "Pop" concert at Orchestra hall are now available at the co-op office, 107 Chapin hall. Price: 68 cents each. Sales deadline: Friday, 6 p.m.

Tickets for the entire B series extending through April 1942 will continue to be available at the co-op office to students and faculty members of IIT.

All seats are reserved and regularly sell for 83 cents. The concerts will be on Saturday evenings and will feature the Chicago Symphony orchestra.

Make the Best Of It . . .

By Bernard Chertow

Well, boys, the secret is out? Yessir, in bold relief, too. Vicki Baum tells all, that's what it amounts to. Vicki Baum, writer of prize-winning stories tells how she does it. Vicki Baum, the girl who sank to the bottom when she tried to swim, and whose hands froze as she tried to play the harp on the stage, tells how she not only overcame all this but rose to heights of recognition. The method, relaxation; the secret, how to relax.

It seems that when Vicki was a small girl she couldn't succeed in her swimming or in her music because she didn't know how to follow her instructors' advice and relax. But one day, while she was playing in the park, she met an old man who in one short sentence gave her the secret of success. This old man, who Vicki called "Uncle Pieter", had been a famous clown in his youth. Naturally, at the start of his career he had suffered many broken bones, but after he picked up the trade secrets he was able to take the most breath-taking falls without so much as a strained ligament. He was old now and wished to pass on his legacy so he whispered to our little Vicki, "Be like an old sock; an old sock never suffers broken bones." It doesn't look like much advice when you first read it, but look again, friends, and learn. Not only is the observation astute, it is metaphoric perfection.

But maybe you don't even know what an old sock goes through, so let's investigate this together. First we get an old sock. Where? Well, today's Tuesday, so that makes the pair we have on three or four days old, depending on whether we took our bath before or after supper Saturday. I guess that's old enough, a sock and toss it to the ceiling. If it sticks just open the window and leave the room with the knowledge that your remaining sock is just what you've been looking for. Now take it off, remove the garter, and drop the sock to the floor. Note how limply it falls, how it literally crumples as it hits, setting up no resistance for the portions of it that have not yet reached the ground. No stresses, no strains, just perfect relaxation.

Now to get back to that "would-have-been-tense" situation had you not learned this great "how-to-be-a-sock" act. You are the head engineer on a new defense plant and you just finished the only explosion-proof structure in the country. You're telling the government man what a true genius you are for perfecting such a design when a workman runs in and tells you the structure just blew up. Do you hit the ceiling and stay there like the first sock? Uh-uh. You collapse like the second one.

There is only one trouble with this "Uncle Pieter's Relaxing Technique". You know how an old sock smells? Well, my guess is that when Pieter gave this advice to Vicki he was over-relaxed.

GENERAL ASSEMBLY

Wednesday, November 12, 10:10 a.m. Speaker to be Rear Admiral Edward A. Evans, commanding officer, Illinois Area, United States Naval Reserve.

Genius Of Frederick Stock Leads Chicago

Symphony Orchestra To Fifty-First Anniversary

Now, while Chicago Symphony Orchestra is celebrating its fifty-first anniversary, it is the appropriate moment to remind Chicagoans what they owe to its present conductor. Like most organizations of its kind, the Chicago Symphony Orchestra has had a stormy career, and the man mostly responsible for keeping the organization on its course is Dr. Frederick Stock.

Dr. Stock played viola under that genius, Theodore Thomas, and it was under such tutelage that he gained the fine experience and inspiration which was to enable him to build the Chicago organization to its present stature. He watched Thomas suffer under the insulting barrage of criticism which emanated from all directions and in great volubility from

the financial backers of the orchestra, down to the editors of newspapers, who undoubtedly knew how to run their papers, but had about as much aesthetic appreciation as a sardine. It was under these circumstances that Dr. Stock acquired his experience. Theodore Thomas died a broken old man, but never did he lower his artistic standards to placate the influential backers, who were interested solely in financial returns at the expense of good music.

Dr. Stock was the perfect man to follow Thomas. Since he took over, he has almost single handedly raised the standards of Chicago music appreciation and musicianship from a low point to the place where Chicago is considered one of the great music centers of the world.

This was not an easy task. But no worthwhile job is easy. Stock, like Thomas, has found it necessary to be firm in his insistence that only good music be played. His unshakable belief that the people's appreciation of the best in music should be developed, as against the belief that the public should be given what they want regardless of its quality, has finally been substantiated throughout the years. As a result, Dr. Stock has introduced all of the finest in music to Chicago.

Yes, Chicago was fortunate in having such a man as Theodore Thomas lay the foundation of musical culture here, and it was equally fortunate in having Dr. Stock pick up where Thomas left off.

DR. WALKER SAYS EDUCATION HELPS IN NAT'L DEFENSE

Has Long Run Viewpoint On War Situation

"Get as much education as you can." According to Dr. E. T. Walker, assistant professor of education, in an interview last Friday, this is the best way a student can help national defense.

Dr. Walker said that a student who gives up a formal education is making a grave mistake. There will be people needed after the conflict is over who have been educated in the ways of democratic citizenship. Too many people think that the only way educational institutions are helping defense is by the E.D.T. programs. This is true in only a limited sense. Although the programs are furnishing the needed workers in defense industries, the major job of all educational institutions is to instill the love of freedom needed in a democracy.

College Enrollment Stable

As yet, he said the enrollment in colleges has not been seriously effected by national defense. According to the latest estimates about 1,450,000 students are enrolled in colleges this year. In total there are 30 million persons enrolled in educational institutions. Of this total only 106,629 are enrolled in the E.D.T. program.

Mr. Walker expressed the opinion that although liberal arts colleges have suffered a decline in enrollment, it is only temporary. After the war the fields of specialized study will be filled and the liberal arts colleges will regain their former enrollment. The need for a degree, he said, has been over-emphasized. Employment managers have laid too much stress on degrees until it has become almost a worship of college degrees. This is likely to decline after the war.

Research Foundation Designs New Camera

The Armour Research Foundation in the very near future will be the first laboratory in Chicago and the eleventh in the United States to possess an electron diffraction camera.

Drs. Frank Trimble and Carl Gamertsfelder, both graduates of the University of Missouri, who have been associated with the Research Foundation since last spring, started to design and construct the camera last August and expect to have it finished by the first of the coming year.

This camera will be used to study the surface structure of various substances by passing a beam of electrons through a thin sheet of the material and studying the diffraction pattern as recorded on an ordinary photographic plate. The entire apparatus is enclosed in a housing from which practically all of the air is exhausted by means of a pump designed to create extremely low pressures. If the substance is too thick for the beam of electrons to pass through, the camera can be used to obtain the diffraction pattern produced when the electron beam is reflected from the surface of the sample.

Electron diffraction studies made possible by this camera will give the same kind of information on the molecules in a surface that X-ray diffraction methods give on the molecular arrangement throughout the body. It will also be possible to study gases by means of the camera.

ELEVEN JUICERS PLEGGED TO HKN AT AIEE MEET

Eta Kappa Nu, honorary electrical fraternity, announced eleven new pledges at a meeting of the AIEE last Friday morning. The names of those electricals comprising the new members of the "cream of the juice" are Hobart Bunce, Ralph Gruetzmacher, Curtis Hepperle, Rudolph Koehler, Gunner Ohman, Howard Pendlebury, Roy Peterson, George Raymond, Ernest Schrot, Roy Wessel, and Herman Wuerffel.

Dr. Vagtborg Speaks

Mr. Harold Vagtborg, Director of the Armour Research Foundation, was introduced upon completion of the pledging ceremony. In his talk on "Electricity in Research," Mr. Vagtborg declared that all things which are conceivable to man lie hidden away somewhere in nature, and that it is the job of research to straighten out and arrange systematically these hidden secrets of nature. According to Mr. Vagtborg, research has passed through three stages of evolution: the accidental discovery, as in the case of glass and copper by ancient man, the cut and dried method of trying all possible means, as was done by Edison, and the present day method of planning the outcome of research beforehand.

Mr. Vagtborg also told of the opportunities ahead in research, stating that only a fraction of one per cent of all the companies in the U.S. engage in research of any kind whatsoever. Next he outlined the method under which research is conducted in the Armour Research Foundation.

Under this system all the men on the research staff meet periodically at a round table and discuss many problems to which no suitable answer is apparent.

New Recording Device

Mr. Vagtborg then told of some of the work undertaken by the foundation and demonstrated an ingenious recording device developed by Mr. Camras, who is a member of the research staff. With this device it will be possible for a business man to dictate his letters while he is traveling, and at some suitable place to mail the recording to a secretary. Following the demonstration in which the voices of Mr. Vagtborg and others present were recorded, the meeting was adjourned.

Chemists Analyze Latest Find, Name New Baby "Retort Rumpus"

Although tucked under the protecting wing of Alpha Chi Sigma, professional chemical fraternity, the chemical party and dance, "The Retort Rumpus," to be held Friday, November 28, will in all ways be an all-school affair. While plans are still in the liquid phase, this much has solidified and an analysis is as follows:

Time: 8:30 to 12:30, Friday, Nov. 28.

Place: Student Union.

Orchestra: Buddy Kreighton and his men.

Special Items: An opportunity to test your date's latent chemical ability.

Refreshments!

Informality!

SEVENTY CHEMS ATTEND SMOKER

Last Friday night, the chemists quit looking at test tubes and reactions, and enjoyed a Monte Carlo smoker. The gathering was sponsored by Alpha Chi Sigma, the chemical professional fraternity on the campus.

Seventy men came to multiply their original thousand dollars. A Minnesotan, in the person of "C. G. S." Schmitz, brought down a new way of shooting dice from the north-country and became a millionaire. In contrast to this graduate student's tricks, William Tell went two hundred bucks down the negative "Y" axis by playing the roulette wheel. (A perfectly honest game, too).

William Hadlock proved his ability to nose out famous men, such as: Taufen, who sang with Bing Crosby; Dick Larson, the famous tennis player; "Doc" Murray, the Hoosier, and Bob Kirk, the man with the Scotch tie.

Appetites were whetted with cider (not the Civils, either) and doughnuts. The old barrel was tapped many times, but everybody was able to walk a straight line to the door.

Movies were shown of the Shell Development plant. Pictures of the by-products of petroleum were featured in the film. A "Mousey" cartoon appeared after the feature.

Dr. Bruce Longtin, eminent quiz-master, continually stumped two of his students and two graduate students on chemical questions. (The men are still blushing with embarrassment).

U. Of Wis. Math Club To Hear Prof. Calkin

Professor Calkin, a member of the department of mathematics at IIT will be in Wisconsin, Thursday and Friday of this week. On Thursday at 4 p.m. he is scheduled to address the Mathematical club of the University of Wisconsin.

His lecture will deal with the operational theory of boundary value problems which he is now engaged in developing. This theory provides big use of the theory of linear functional operators, a unified quasi-algebraic analysis of the boundary and characteristic value problems of differential equations and mathematical physics.

Also active in the math dept. is W. C. Krathwohl, who will act as chairman of the Junior College Section of the Central Association of Science and Mathematics Teachers convention at the Stevens hotel Nov. 21-22.

X-RAY FILM SEEN BY MEDICAL ARTS MEMBERS FRIDAY

The Medical Arts Guild, the recently formed group of pre-professional students, will present a sound movie entitled "Moving X-Rays" at its first regular meeting this Friday, November 14, on the liberal arts campus (Room 307). Ted Wozniak, Ruth Steinman and Norma Cooper, club officers, have been collaborating with Dr. Leslie R. Hedrick, faculty sponsor, in the formulating of a permanent constitution. The club hopes to present lectures by prominent scientists and many field trips are being planned.

All future doctors, dentists, nurses, laboratory technicians, bacteriologists, dietitians, and biologists are invited to attend.

CIVILS REVEL AT ANNUAL SMOKER IN STUDENT UNION

It happened again last night. Yes sir-eee, it happened at the ASCE smoker last Friday night. And you remember what a dismal night it was. Approximately eighty students and innumerable engaged themselves in that most degrading form of recreation—gambling. For a full hour that vice permeated the student lounge as huge sums of bogus money passed from hand to hand over and over again. The roulette wheel whirred, and the dice of the chuck-a-luck clattered amid the moans of the unhappy and unlucky losers. Above it all could be heard the expressions of glee as the more fortunate winners scraped their winnings in from the number covered tables.

The professors, although not as noisy, did not let themselves be forgotten. Even they stooped and strained their seams as they rolled the infamous "galloping dominoes." From the way in which they disappeared so mysteriously, it might be concluded that they did not fare so well. All in all, it might be said that everyone had a gala time, since it provided all participants to lose or win to their heart's desire.

Immediately after the gaming, all gathered in the auditorium. Two pictures were shown, *Tobacco* and *Fred Waring and his Pennsylvanians*, much to the enjoyment of the viewers and listeners. Then a short talk followed. This was given by Dan Smith, rewrite editor on the newly proposed morning paper for Chicago. He related some of his experiences which proved to be very humorous.

To conclude the evening, the boys gathered again in the lounge to pay tribute to the pledges to Chi Epsilon. These men were Jack Jackimiec and Robert Sundstrom, both seniors. Among the juniors similarly honored were Raymond Sauer and Mario Silla.

After these men were duly honored, everyone indulged in that most pleasant of all pastimes, eating. All sorts of delicacies were provided to satiate almost any appetite and cider was also provided to add zest and volume to the singing which rang to the ceiling and shook the rafters.

Like all other days this one had to come to the same end with everyone in high spirits filled with memories of a most pleasant evening spent in good company. It should be added that the varmint responsible for the whole thing were none other than Peiler, Kriesberg, Sauer and Kasman.

IIT WILL SPONSOR AERO CONFERENCE ANNUALLY IN FALL

Airlines, CAA To Send Representatives

First of a proposed series of fall conclaves, the Airport conference was held October 30 and 31, under the sponsorship of the Institute. This conference has contemplated varying the subject from year to year, choosing any topic within the engineering field except "Power," which is discussed at the annual conference held in April.

The Airport conference was enthusiastically received. At the request of the air lines and the Civil Aeronautic Administration for representatives each year, the program for fall conferences has been changed. It is now the intention of the Institute to conduct an Aeronautical conference in late October of each year. Thus, a major engineering conference will be a regular part of our program each spring and fall.

This schedule does not preclude the organization of other meetings of engineers under the sponsorship of the Institute, of which at least two others are now being considered.

Infant Prodigy In-Law Of Prof. Oldenburger

Kenneth Wolf is now only ten years old, and he goes to college. This unique child prodigy is the brother-in-law of Dr. Rufus Oldenburger, an outstanding IIT mathematician.

As a baby Kenneth could read and write, and when he was one year old, his mother taught him how to play the piano. At the same age he could already talk in complete and coherent sentences.

Plays Concerto

When Kenneth was one-and-a-half years old he could read books and newspapers. By the time he was two years old he could identify notes by sound. One day Kenneth's mother heard the radio play a Mozart Concerto. Upon closer investigation she found that the music was not from a radio, but the little boy was playing it by ear. This remarkable incident started Kenneth on his musical career.

In 1933, at the age of two, he wrote a composition called "Mother's Day." Since then he has com-

(continued on page eight)

IN MEMORIAM

Mr. Wellington R. Townley, Secretary Emeritus of the Underwriters Salvage company, died last Tuesday, November 4, at his home in Chicago, at the age of eighty years.

For twenty-eight years Mr. Townley was closely associated with the Scholarship Plan in the Department of Fire Protection Engineering at the Institute. As President of the Underwriters' Association of the Northwest he was instrumental in establishing a system of scholarship awards of four years' duration, one award being made each year. This plan suggested the considerably larger scholarship system which was established through the Western Actuarial Bureau in 1920. Mr. Townley has been a member of the scholarship committees of the two organizations continually. He was one of the Institute's oldest and best friends.

TECHNOLOGY NEWS

Student Publication of the
ILLINOIS INSTITUTE OF TECHNOLOGY
3300 Federal St.

CHICAGO, ILLINOIS

Published Weekly During the College Year

By the Students of I. I. T.

REPRESENTED FOR NATIONAL ADVERTISING BY
National Advertising Service, Inc.
College Publishers Representative

420 MADISON AVE. NEW YORK, N. Y.
CHICAGO • BOSTON • LOS ANGELES • SAN FRANCISCO

"Entered as second class matter October 10, 1940, at the post office at Chicago, Illinois, under the Act of March 3, 1879."

\$2.00 Per Year Single Copies, 10 Cents Each

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VOL. 28—No. 7 NOVEMBER 11, 1941

CO-OP BOOK PLAN . . .

Long overdue on the south campus, the newly-organized cooperative book-selling plan is being met with enthusiastic hurrahs and bravos from all sides. Although only one week has elapsed since the initiation of the membership drive, almost 200 students have subscribed to the plan. This doesn't mean that only 200 students have been convinced of the feasibility of the program. The full meaning of the foregoing statement can only be appreciated when one realizes that these 200 students were so absolutely sold on the cooperative plan that they were immediately willing to pay the required \$2 membership fee.

Before proceeding, it might be well to state that the plan, devised for the benefit of the student, isn't just another passing fancy of a group of restless students. Rather, it is something that has been pondered upon for many years and finally adopted and organized in as business-like a fashion as would have been used in the organization of a bonafide corporation.

Although the scheme of the organization is somewhat complicated, it might be wise to dwell on just a few of the more general points of the plan. In the first place, the Co-op, as it is to be called is to be incorporated under the cooperative laws of the District of Columbia. Its president and nine directors are to be elected by its members, its vice-president is to be elected from its body of directors, and its secretary, treasurer, and manager are to be appointed by its directors from its membership. The treasurer will be bonded, and some faculty member, probably from the social science department, will keep the ledgers so that the membership will be fully protected against losses.

In his book purchases, the student member will find that Co-op prices are not actually much lower than those of any competitive book-selling establishment. At the end of the semester, however,

he will be entitled to a share in the profits of the organization—these profits to be divided according to purchases among Co-op members. Students at the University of Minnesota, where the plan is working excellently, are returned an average of 15% of their purchases, and student members at Northwestern receive about 9%. There are many other universities and colleges throughout the country who are finding the cooperative plan more than satisfactory.

It has been difficult, indeed, to find anyone on the south campus who, on hearing of the plan, did not agree that it is "something that should have happened long ago." Naturally enough, the students will be behind the Co-op 100%, but, what is even more encouraging is the fact that faculty members, on hearing of it, have registered approval almost to the man. The faculty, of course, realizes that the Co-op will not only save the student money on book purchases, but that it will also provide valuable business experience for the participants.

There is no getting away from the fact that the Co-op book-selling plan will be a boon to the student. Anyone who is against it is certainly not thinking in terms of the welfare of the student. Although many students have already joined, there are a great many more who either do not know of it or who are awaiting the outcome of the February Co-op book session, before joining. Since the Co-op's credit has already been established with various book publishers, there is no reason for it to be delayed now. Students who are "holding back" because they intend to purchase used books may be assured that the plan is providing for both students wishing to sell and those intending to buy used books.

It must be admitted that the student, in investing his \$2 in a membership, will be taking a SLIGHT risk, but his membership fee will be in most part returned to him after the Co-op's profits have been counted up this February. The managing board of Technology News, in all sincerity urges that all students to get behind the plan NOW. There is no doubt in our minds that the Co-op plan WILL be a success this February if the student body gets solidly behind it. — D.B.

PLATTER • PATER

By Charles I. Ball

Just released is the long heralded recording of the ever popular Tchaikowsky Piano Concerto No. 1, in B Flat Minor. This splendid recording combines the genius of Vladimir Horowitz and Arturo Toscanini exerting his magic over the NBC Symphony orchestra. This is the celebrated concerto whose magnificent opening bars made such an impression in the screen production, "The Great Lie," and as several recent song hits. The genius of this triumvirate combined with a flawless reproduction will surely put this album among the all-time best sellers.

Columbia presents in Album M-463 a new recording of Ferde Grofe's Grand Canyon Suite by the capable orchestra of Andre Kostelanetz. This musical tribute to America's mightiest natural wonder is one of the few successful compositions bridging the gap between jazz and symphonic music.

This month's Victor "two for the price of one" celebration offer will be of special interest to opera fans. For the price of one record you may get two records featuring the voices of Beniamino Gigli, John Charles Thomas and Rose Bampton, Metropolitan opera stars. John Charles Thomas gives his usual brilliant rendition of "When I Was a Lad" from Gilbert and Sullivan's "H.M.S. Pinafore" and "There Is No Death." Gigli, one of the greatest tenors of all time, sings the famous "Celeste Aida" from Verdi's Aida, and Rose Bampton, "O Patria Mia" from the same opera.

On Columbia 11621-D Dr. Stock and the Chicago Symphony orchestra revive an old favorite, "Dance of the Hours" from La Gioconda. This new recording is delightfully full of the zestful vitality that characterizes the conducting of Dr. Stock.

YOU'II NEVER GET RICH

but you certainly will obtain a wealth of pleasure and experience working on the

1942 Yearbook

WRITERS—See

DAN BROWN, Editor-in-chief
WARREN SPITZ, Armour Editor
PATRICIA ARNS, Lewis Editor

PHOTOGRS—See

BOB ROSE on South Campus
HOWARD REISER on West Campus

Frosh and Soph Writers Will Be Met with
Outstretched Arms

IT'S THIS WAY

LETTER TO THE EDITOR:

Elsewhere in the Tech News there is noted the fact that the student body of Illinois Tech numbers some 2500 people, 80% of whom are men. A countless number of colleges with a small number of men students have well-rounded athletic programs, which include football, basketball, baseball, and other national favorites.

This is a plea for the institution of six-man football at IIT.

The benefits of this sport have been lauded by important men in all fields. Those men who have participated in the game during their college years, have derived immeasurable benefit as a result of the "give and take", the induced sportsmanship, and the virile masculine feeling that comes of the hard conditioning schedule. I recall, most poignantly, the words of our own John Schommer last term at the presentation of athletic awards to the basketball, boxing, wrestling, and track teams. On that day he spoke almost disparagingly of the lassitude with which many Armour men regarded active athletic participation, and the lack of school spirit evidenced by small attendance at competitions and athletic meetings. He was also very effusive in enumerating the benefits which he enjoyed as a direct influence

of his athletic participation during his college days at U. of C.

There is an intangible "something" which permeates the participant and imbues him with the lofty feelings of amiability and fine fellowship. It further teaches him the importance of teamwork and cooperation and the meaning of sacrifice where a man must choose between gratification of his ego and the success of the team.

An important consideration here at IIT—this almost-destitute (sic) abode of learning—is the problem of financing and upkeep. I contend that it is a very necessary adjunct to our present extra-curricular activities to institute either an inter-collegiate six-man team to compete with other small colleges in our district, or else an intramural program with competition between departments or classes.

Comparing the insignificant costs with the immense profits to be derived in the form of rejuvenated school spirit, physical conditioning of candidates, and the enlivening influence of a red cupped man's game, it is impossible for anyone—student, instructor or businessman—to raise his voice against a proposition with such a high percentage of profit.

Chester Swan, Co-op. 3B.

Kutup Korner

October 21, 1941

Mrs. Patrick Murphy,
Chicago, Illinois.

Dear Mrs. Murphy:

With reference to your recent letter, I regret, exceedingly, that your son Ralph came home with green hair after swimming in the Willamette River below our mills, but inasmuch as the river is posted, I fail to see that any responsibility for this color rests with our firm.

We have a perfect legal right to manufacture green blankets at our plant, and we also have a permit to dump the surplus dye-stuffs into the Willamette.

We have been called to task for this condition before, Mrs. Murphy, but the court has always decided in our favor. Only last spring a gentleman from Chicago came to us with a purple moustache because he had fallen out of a boat one day when we happened to be making a large order of babies' blankets. We did all we could to placate this man and even agreed to have him dry-cleaned at our expense, but he insisted on a legal trial, which he lost.

If you will send Ralph over to

the plant at your convenience we will be glad to soak him in vat No. 8, in the hope that we can restore the natural color of his hair, although, I must say, Mrs. Murphy, that we use fast dyes in our merchandise and guarantee them against running or fading.

The only alternative that I can suggest is that we dip Ralph in a boiler of black aniline, which will be a less conspicuous shade than he is dyed now.

I will call you on the 'phone the next time we have a run of lap robes.

As a matter of fact, madam, you ought to be thankful that your boy didn't have a full beard when he dove into the Willamette, or matters could have been worse if we had been emptying the overflow from a run of stripped woolen mufflers.

I will grant you that green hair is not a very popular shade, but at least his hair and eyebrows don't clash, as we say in the woolen industry.

Yours truly,

Ollie Olson,
Chief Chemist.

Oddities Abroad

So important was pepper in the middle ages that men made provisions in their will for the disposition of their pepper.

* * *

The white of a penguin's egg is green.

* * *

A French ambassador was so honored to dance with Queen Joanna of Spain that he vowed never to dance again.

* * *

The Chinese have five directions, namely, North, South, East, West and Center.

* * *

The game of dice was invented by the ancient Lydians of Asia

Minor, who originated the game during a period of famine as a diversion to help take their minds off the lack of food.

* * *

In the eighteenth century grapefruit was so little esteemed as food that trading vessels used it for ballast and to cleanse the decks.

* * *

Drinking coffee was forbidden in the sixteenth century Constantinople. The ruling dictator believed that coffee stimulated thinking among the common people. The first offense was punished by a beating; the second offense by death.

Six Man Football Squad Commences Season With University Of Chicago

Fire Protects Get Hot Against Mechs

The much touted Soph Mechs met defeat last Monday, in the most thrilling game of this touch-ball season. The greatly underrated Junior Fire Protects came back in a Frank Merriwell finish to win 7-6.

The Mechs, boasting one of the best scoring records in the touch-ball sport, were held to only one touchdown, and that early in the game. The Fire Protects defense was outstanding. Bob Bechtolt, Bill Lease and Bob Duerrstein, all sixty minute men, kept the Mech's star passers John Cotter, "Lefty" Mongeau and Danny O'Connell bottled up and Cotter's running jaunts were kept to a minimum. Good defensive play on both teams kept the score down.

The Mechs score broke early in the game after a long punt by Joe Pruzinski put the ball on the Mech's 30-yard line. A complete short pass set up the touchdown play. Then came a tricky reverse by the Mechs that ended with Mongeau passing a 50 yard pass over the goal. The FPE defense, befuddled for a minute, failed to cover Cotter closely enough, allowing the agile John to snare the ball near the fence on a beautiful play. Mongeau was smeared behind the line of scrimmage on the attempted point after.

The play swayed back and forth during the rest of the skirmish, in one of the tightest frays of the season. Three times the FPE's were stopped by goal line stands. Then came the hectic final 40 seconds that spelled victory for the firemen.

The Mech's fine stalling game ran out with 38 seconds still left in the game. O'Connell's kick was short, out on the Mechs 35. A short pass to lineman Bechtolt set the ball up to the ten yard line where a short pass complete to Lease failed to gain an inch. Twice the Fire Protects were penalized for too much time out. After an incomplete pass over the goal was blocked only 8 seconds remained in the game. On the final play of the game—the gun going off as Pruzinski faded back to pass—a pass intended for Keigher was smothered by the entire Mech backfield, but in their eagerness firemen Jimmy Gleason slipped in to grab the bounding ball for the tying touchdown. Then on the decisive play of the game Pruzinski's accurate pass to Bechtolt spelled the FPE's winning point which completed the big upset game of the week.

TECH SHORTS—RAMBLING ON

One of the oldtime favorites is a song called "Whistling in the Dark." Last week's Alpha Sig-Phi Kap game produced a lot of whistling in the dark in the last few seconds of the second half. After the Phi Kap's capitalization on the A.P.'s fumble the A.P.'s lined up and proceeded to heave long, high passes into the end zone. By this time the field had become very dark and all the lads could do was to stick up their "mitts" and hope. HMM, maybe the A.P.'s don't live right. Anyway the passes were of no avail. Buck up boys, lights will be furnished for the nocturnal affairs upon request to the first vice president in charge of red tape.

To a school that can devote neither sufficient time nor enough money for regulation eleven man football, the six man game offers an excellent means for satisfying those who are desirous of participating in the gridiron sport. Six man football has all of the advantages of its parent game, but, as far as we can see, none of its disadvantages. The most apparent of its advantages is the great abundance of spectacular, wide open play, which makes the game colorful, even for the lineman, who in the eleven man game rarely sees anything more spectacular than the cleat torn turf. Since any man can receive a pass in six man football, even the lineman can run with the ball, and running with the ball is great fun—that's why backs are backs.

Few Injuries

Another important advantage of six man football is that there are a minimum of injuries, since there are few, if any, pile-ups. Injuries in regulation football usually occur when a man is pinned and then hit. Almost all blocking and tackling in six man football is of the open field variety. As evidence of the small number of injuries, we have the record of the game at the University of Chicago, where in two seasons of play there has been no mishap worse than a severe "charley-horse."

Unlike eleven man football the six man game offers the small man an excellent opportunity to play an important role, since speed and agility are more than ever at a premium. At Chicago there are

Touchball Schedule

WEEK OF NOVEMBER 10

TUES. 10-11 Sr. M.E. vs. Fr. Chems

WED. 9-10 Sr. Co-ops vs. (Winners Sr. C.E.-Jr. Ch.E.)

THURS. 9-10 Jr. F.P. vs. Jr. Mechs

FRI. 10-11 Jr. F.P. vs. (Winner Soph C.E.-Soph M.E.)

2-3 Sr. C.E. vs. Screwballs

3-4 Sr. M.E. vs. Jr. M.E.

For schedule of referees see Bulletin Board.

LAST WEEK'S SCORES

Sr. Co-ops 37, Pre-Jr. Co-ops 0

Jr. FPE 7, Soph. Mechs 6

Sr. Mechs 20, Sr. Chems 0

Sr. Civils 32, Junior Civils 0

Jr. Mechs 44, Frosh Chems 6

men as light as 145 to 150 pounds giving an exceptional account of themselves.

This Friday the football gang here at Tech is playing the University of Chicago. The game, to be played at Stagg field, promises to be very good, in spite of the fact that our men have had no experience at six man football. We hold this opinion, since most of the men out for the team have had experience in high school or sand-lot ball. They've all been keeping in condition by playing touchball, which as played here at Armour, is much like six man football with the possible exception of tackling. We say possible exception since we are inclined to wonder when we see the Jr. mechs in action.

This game also has further significance, since it seems to be the first step towards having intercollegiate competition in six man football in the Middle West. With all of the possibilities that the game holds for wide-spread participation.

INTRAMURAL TOUCHBALL STANDINGS

SOUTH CAMPUS

	W.	L.	T.	Pct.
Jr. M.E.	5	0	0	1.000
Jr. F.P.E.	3	0	0	1.000
5A Co-ops	3	0	0	1.000
Sr. Mechs	3	0	1	1.000
Sr. C.E.	2	1	0	.667
Soph C.E.	2	1	0	.667
Soph M.E.	2	1	1	.667
Jr. Ch.E.	1	1	1	.500
Screwballs	0	1	0	.000
2A Co-ops	0	1	0	.000
Frosh Ch.E.	0	1	0	.000

WEST CAMPUS

Jerks	3	0	0	1.000
Co-ops	1	1	0	.500
Molecules	1	1	0	.500
Tools	0	3	0	.000

TECH SHORTS

By "Bubbles" Bechtolt

Last week's Sr. mech, Sr. chem game produced two novel costumes for the gentle art of touchball. Roman Mankus, Sr. mech, came on the field dressed in two sweat shirts. After two or three plays his outside shirt had been torn and he looked for all the world like Ann Corio in one of her most seductive moments. Freddy Lukens, Sr. chem, came out on the field dressed in an "A" sweater and neat fedora. As the teams lined up for the kick off Freddy reversed both sweater and hat and played the rest of the game in this state. After every play the boys rescued Luken's hat and fondly replaced it on his head.

* * *

Perhaps the art of gliding could be added to the IIT sports curricula. The site of the flights could be up and down the "Wind Tunnel" known as Federal street. Recently the wind has been blowing down the street at such a rate that should make gliding comparatively easy.

(see additions in column one)

THIRTY MEN TURN OUT FOR BOXING

This season there has been quite a good turn out for the boxing team. There are five lettermen returning and in addition to these there are thirteen new men and men who were on the squad last year.

Lettermen returning are: Buddeke, DiGeorgi, Erickson, Simpson, and Swan.

The men returning from last year's squad and new men are: Ballow, Geiger, Watson, Livingston, Martinek, McMahon, Meagher, Plice, Strauss, Cavqueville, Sadler, La Civita, and Dunat.

The schedule to date merely includes home matches. The schools booked are: St. Joseph college of Collegeville, Indiana; Valparaiso of Valparaiso, Indiana; several YMCA's and there will also be competition in the novice division of the Golden Gloves.

Approximately 30 men have turned out for practices, which are held every Monday, Wednesday and Friday. This is a good turn out, but all men interested are invited to come out.

Last year's record though not exceptional, was good. There were: one meet won and one tied with a total of 34 bouts.

Ivo Buddeke won the 175 pound championship of the North Side Novice division.

Molecules Continue Lewis Winning Streak

Carrying over their winning streak of last year, the Molecules opened this season on October 28, with a 19-14 victory over the Tools. The Tools scored within the first five minutes of play when Kevin Quinlan snared one of Joe Dalton's passes and the same combination worked for the conversion.

A pass from Jack Chakoian to Hank Pachowicz resulted in a touchdown, but the Molecules failed to tie the score when the kick for the extra point was blocked. The Tools scored their last touchdown when Joe Minga accidentally batted a pass right into the arms of "Chuck" Marner on the Molecules goal line.

The Molecules were behind throughout the second half and with only seven minutes to play they opened up with an aerial attack that netted two touchdowns, one on a pass from Ted Kowalski to Jack Halloran and the other from Emil Pucci to Pachowicz.

Co-ops Lose To Jerks

Two days later the Jerks eked out a 6-0 victory over the Co-ops on a mud laden field which was spasmodically drenched with rain. The lone score came on a long pass from Roger Friewer to Len Wasielewski after a bad punt by the Co-ops was grounded on the twenty-five yard line. The main attack of both teams was based on running plays and short shovel passes because the water soaked ball was hard to handle.

The Co-ops threatened to score in the last two minutes when they ran and passed the ball to the Jerks fifteen yard line, but Lou Marrese stopped the thrust when he intercepted a third down pass. Friewer threatened to break away and score many times during the game, only to be stopped by the slippery going.

Molecules Taste Defeat

Last Wednesday the Molecules suffered their first defeat in two seasons at the hands of the Jerks by a 13-6 score. Two partially blocked passes were the breaks that gave victory to the Jerks. One came late in the first half when Jim Flemr caught a deflected pass and ran thirty yards unmolested for a touchdown. Wasielewski's try for the extra point was good. Hank Pachowicz received the kickoff on the Molecules twenty yard line and ran eighty yards to a touchdown assisted by Jack Chakoian's timely blocking. The attempt for the conversion was blocked and the Jerks lead at half time 7-6.

Nine minutes after the start of the second period, the Jerks scored their last touchdown on a long pass into the end zone.

Phi Kaps Enter Final Game In Frat Touchball

By Eddie "Ira" Franks

In an evenly matched battle Phi Kappa Sigma nosed out Alpha Sigma Phi 6-0 last Monday. Both teams were hampered by the heavy going, and the Alpha Sig attack which features quick opening running plays bogged down considerably.

With 2 minutes of play remaining, and darkness settling fast, the Phi Kaps punted deep into their opponent's territory. The slippery ball was muffed by the Alpha Sig safety man, and Ettinger of the P.K.'s recovered on the 1-foot line. Two plays netted no gain, after which a basketball pass, Ettinger to Lease, was good for the score. The conversion failed and the game ended shortly after, the A.P.'s failing to tally.

Pi Kappa Phi 30, Theta Xi 0

Last Tuesday saw a powerful Pi Kap aggregation crush a game, but inferior, TX team 30 to 0. Early in the first half James heaved a long one to Tubergen who stepped across for the score. A few plays later the Pi Kaps tallied again, James to Valentine. After an exchange of kicks James intercepted a TX pass and streaked to a touchdown, aided by good downfield blocking. To complete the first half scoring James tossed a short pass to Dahlenberg in the end zone. At this point the TX defense tightened and the Pi Kap attack was temporarily short-circuited. They managed to eke out another score on a pass, James to Tubergen.

This week Delta Lambda Xi, led by "Swivel Hips" Jacobs, will tangle with the Pi Kaps to determine the other finalist. The winner will meet Phi Kappa Sigma in final competition for the interfraternity cup.

Sports Quiz

Are you sports-minded? When a question of the sporting world pops up, have you a ready answer or do you grope in the dark? Perhaps these questions will brush a few of the cobwebs off your mind. Give yourself 10 for every question answered correctly. The answers are found on page 8, column 1.

1. With what sport would you associate the term: "blue line?" (a) basketball; (b) tennis; (c) hockey.
2. Who were the participants in the World Series in which Babe Ruth hit his now famous "called shot" home run?
3. What is a decathlon?
4. The English game of cricket is played in identically the same fashion as the American game of baseball. Is this statement true or false?
5. In football parlance, if a player converted, did he (a) kick the ball; (b) pass the ball; (c) try an end run.
6. Name the sports in which the following terms are used: (a) sty-mie; (b) coffin corner; (c) balk
7. A regatta is an event held: (a) on a bounded field; (b) on the water; (c) in an enclosed court.
8. What was the alma mater of Jesse Owens, famed sprint champ?
9. What noted professional golfer was tagged with the "hard luck" title of 1940, finishing as runner-up in most of the year's important golf meets.
10. A shuttlecock is used in the game of: (a) lacrosse; (b) badminton; (c) volley ball.

(Answers on page eight)

YOU NAME IT!

by Art Minweg

HERE'S YOUR CHANCE CHUMS, THIS IS GOING TO BE YOUR COLUMN SO COME ON AND NAME IT. OF COURSE, WE'RE NOT OFFERING \$10,000 FOR A NAME LIKE THE NEW NEWSPAPER IS DOING, BUT WE ARE OFFERING A COUPLE OF TICKETS TO THE CHICAGO THEATER FOR ANY EVENING, ANY DAY. YOU CAN'T LET AN OPPORTUNITY LIKE THIS SLIP THROUGH YOUR FINGERS SO START COOKING ONE UP RIGHT NOW. THE DEADLINE IS GOING TO BE WEDNESDAY, NOVEMBER 19.

To help you a little bit I'll give you the idea of the column. It's going to be made up of contributions (we hope). These contributions will concern little known facts, odds 'n ends, that everyone would be interested in learning. To make it still easier, I'll slip in a few of my own to get the ball-rollin . . .

Standard equipment of modern U. S. battleships includes 100 typewriters.

"Galloping Dominoes"

There seems to have been no period of history and no nation in which some form of dice has not been used. They are pictured on early Egyptian monuments. Those excavated at Thebes are almost identical with the ones in use today. Their use is attested by laws regulating the games played with them in ancient Greece and Rome as well as in most of the later European countries. The invention of dice is attributed to Palamedes, who lived about 1244 B.C., but the use of cubes with numbered sides is slightly older.

Leonardo da Vinci, who produced many of the most famous paintings in the world, was left-handed.

A major rubber company has developed a powder to eliminate all static from automobile radios. One teaspoonful blown into each inner tube is said to be sufficient.

It is a little known fact that the United States narrowly missed coming into the ownership of the great Lake Superior iron ore ranges; one of our richest natural resources.

More than 1700 million tons of ore have been taken from these ranges since they were opened in 1848—85 per cent of all that is produced in America. They are the basis

of our industrial development.

In the Handbook of the Lake Superior Iron Ore association, the statement is made that the astuteness and farsight of Benjamin Franklin—plus good luck—were in large responsible for a northern boundary line that put the Upper Peninsula of Michigan in the United States instead of in Canada. Franklin also helped to get northeast Minnesota for the U. S.

As one of the commissioners appointed to draft the Treaty of Paris in 1793, Franklin, working with inaccurate maps, proposed boundary lines that "happened" to include the richest of the ore fields. These tentative boundaries were fixed definitely in the Webster-Ashburton treaty of 1842.

What the histories of Canada and the United States might have been if these fabulous iron ore districts had been the possession of our northern neighbor would be a strange contemplation. The debt which this nation owes to Franklin seems to grow with the years.

The longest stretch of straight railway track in the U.S. is on the Seaboard Railway between Wilmington and Hamlet, N.C., a distance of seventy-nine miles

* * * *

YOU CAN IF YOU WILL

An 800-pound steel bar, eight feet long, was suspended by a chain, and a small cork at the end of a string was swung lightly against the bar. At first it seemed to have no effect, but after ten minutes of tapping, the great bar began to tremble, and at the end of twenty minutes, it was swinging like the pendulum of a great clock.

Cheddar cheese was named for the village of Cheddar, England, but today more Cheddar cheese is made in Wisconsin than ever was made in all of England.

The swastika sign used by the Nazis is probably the most ancient and widely distributed symbol that has ever existed. It was used by the early Egyptian artisans in their domestic architecture, furniture, fabrics, pottery, armor, weapons, and sacred monuments. It was also used in ancient Greece, Troy, Persia, India (where Buddhists still use it as a religious symbol), and in China, Japan, and in North, Central, and South America by the American Indian. It was a symbol of the sun's strength and energy, thus, a reminder of immortality, and was used as a talisman of good luck.

Blitzkrieg!

Shades of red, white, and blue! Today's the day we doff our chapeaux and blossom out with a real khaki komplex for the boys who left the home fires burning a few years back. So let us poke up the smoldering embers a bit, and give out with a hale and hearty farewell to

"Ace" Perkins, who left us in a blaze of glory last Wednesday. Kissin' the boy goodbye were all the Lewis Lovlies. Time to boot grandma out of that rocking chair what gets you, girls, and click merrily on to the tune of knit one, pearl two, and turn out some unique linings for those size 10½ dog-houses. When you're makin' like Smilin' Jack over Lewis, Ace, don't forget to drop us a courty.

If you want to know just what makes the wheels go 'round, and then come off, ask Eileen "Mike" Robinson. The cruisin' Chrysler ended up a definitely lopsided limousine, with the passing of the third wheel back. What with no bike, 'twere a hike for Mike.

Hickory Dickory Dock,
The shoes are on the clock.
"You know what I think,"
Said the clock with a wink,
"Confidentially, they . . .

bear a strong resemblance to the size six Butch Flasher used to shuffle around in. In case you haven't noted the latest brain-storm in interior decorating, the next time you're listening for that next tone beat just check it with the clock in roof 313.

A great big "Hiya Stinky" to Dick Johnson, who booked return passage from a bunch of pesky flu germs. How does it feel to set foot on terra ferma again, Stinky?

Drift Diggins

Tom Cateas settin' the world on fire again, at the drift. This Amorous Arsonist, a traitor to the ranks of the Boy Scouts with that match, burned the dainty digit of girl friend Connie while lighting up the cigarette what satisfies. Newsome Twosome very much in evidence were Bill Brown and Flossie Mossi, two of the more steady customers in the two up and one back department. The music went 'round and 'round, and so did Howie Reiser, he of the one, long sleepy pan, kicking up his heels and pirouetting about most energetically with not one, but all of the conglomeration of co-eds. The E.D.T.'s were rhythmically represented by Jim Cimino and Dom Bruschi, givin' the gals a break. "Ace" Perkins waltzing for old time's sake with Sylvia Weislo. Crewsin' around with hair standing on end was our boy Dick Barnes. And then there were fugitives from a barber shop like Samson . . . but Dick did right well for himself sans two inches of topnot. We wish to thank the powers that be from the bottom of our record player for that sonorous loud speaker attachment.

The latest to be caught in the draft is Sid Greenberg, who really goes in for that Southern Exposure in a big way. S.G. is our bet for the original kid in the three-cornered tear. Simply ripping, wot??

Ann Mossner's chief cohort in keeping up in this Vitamin Foolishment is the fruit peddler on Madison St. The Daily Donations consist of apples and oranges in assorted sizes and shapes. Another Healthful Hannah on the way!!

"The Hills of Home" definitely erupted, and with a loud crash in Glee club the other day, when Mary Ann Knirsch bore down upon the pedals with a venemence that really laid them out . . . on the floor. That's music that's really lowdown, Mary Ann!! Or is that what you term knockin' 'em out!!!

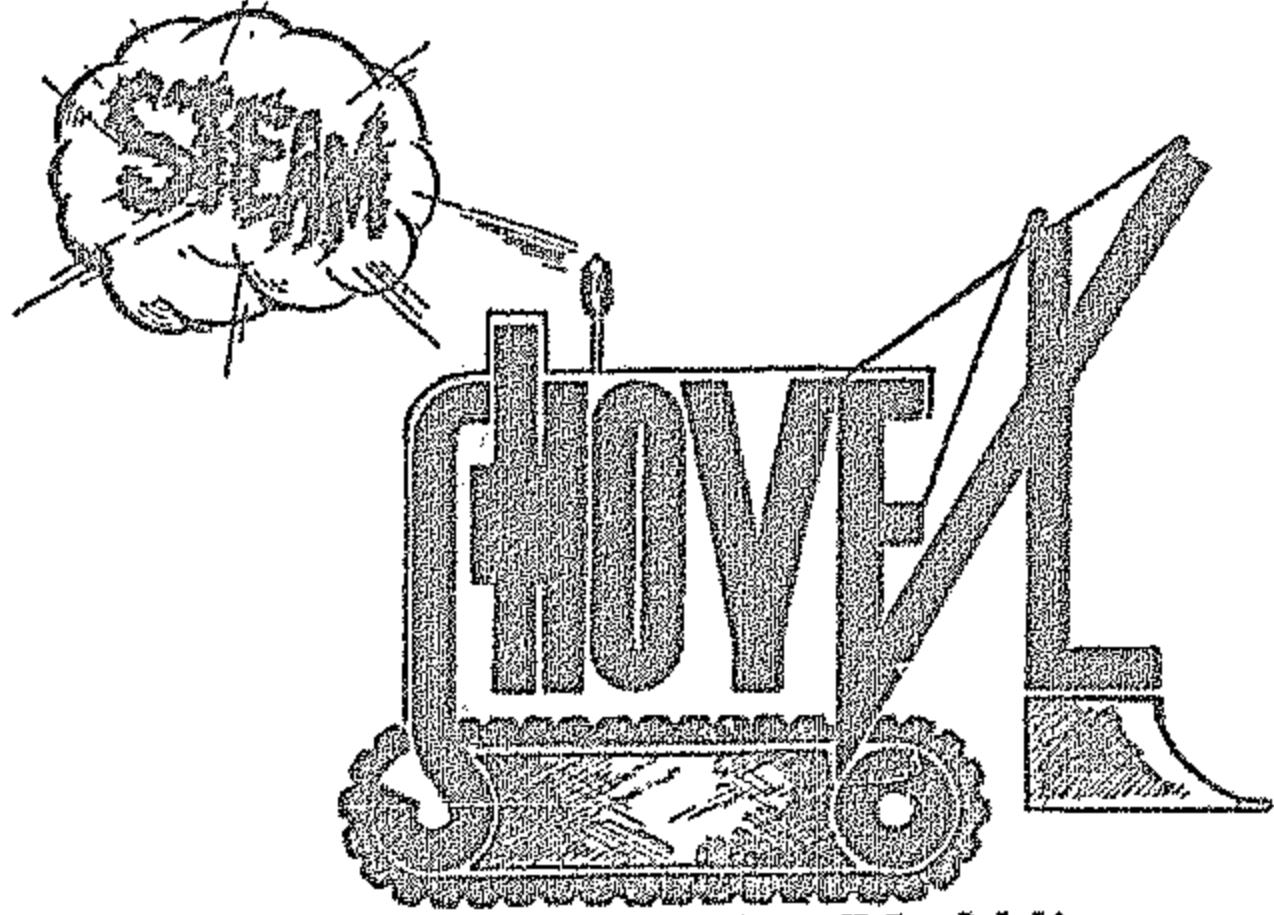
Jack Chakoian, the original "thumb fun kid," did a fairly good job at practice by demolishing a digit with the inauguration of that 33-55-77 yipe play last Wednesday. How are you going to solve those complicated math problems Jack?

Giving that Liberty Gal a run for her money is Lorraine Richtik who's carrying a mighty big torch. (Attention, Ed. It's still burning and so is Lorraine!) Honey, I can fairly see the glow from here!

Seen apple polishing around these premises was Al Reynolds, who, according to him, was going to take it to his night school teacher.

Well, this winds up the week's tired business man's session, so until it's called to order next week, just remember—circumstances over which we have no control, make this column possible—or impossible!

THE SIXTH COLUMNIST



Boy am I burning up!! Am I bubbling over with excess indignation! How "Morgue" Fitch could sit behind a typewriter with his bare face hanging out and so distort the facts on that FEATURE STAFF-sports staff touchball game as to leave an impression of a sports staff victory is beyond any reasonable conception! Obviously such a person must be completely devoid of any conscience or even a reasonable accurate facsimile of the same, and furthermore, must be a blood relation of Benedict Arnold! And now that I've got that off my chest let me give the REAL score of the contest—FEATURE STAFF 15, sports staff 0!!

* * * *

FLASH: "Kitty" Koos has been offered a job by the 'personnel' director of the Rialto (Chicago's legitimate theater) at a startling salary! "Kitty" is to replace Charmaine as the feature attraction—and also sell peanuts, candy, and what have you when he's not performing.

* * * *

The latest addition to the "I Got It Bad Club" is Johnnie Cotter, the "Slinging Sammy" of the soph mechs. Every evening at 5:30 p.m. Johnny's carcass can be seen hanging over the phone in the registrar's office talking to his lady love!! As a matter of fact this incident occurs as regularly as the transit of Arcturus across our meridian. (Attention Prof Penn — such knowledge should merit an "A.")

* * * *

Every time you hear the jr. mechs talk about the study session they're to hold "tonight" you can bet your boots that a great deal will be accomplished. The 'boys' hold these meetings at Midge Goluska's place, whose dad owns a liquid refreshment parlor. If we know the mechs, Mr. Goluska Sr. doesn't have much trouble making out his income tax form because the mechs drink like fish—when it's free!!

* * * *

There'll be no more singing "Gloria" for the sr. civils now that Jackie Jackimiec has traded in his Gloria for her best girlfriend—Lorraine. If queer behavior is an indication of the presence of Mr. Love Bug, Jackie's in like a bunny because he's been cutting out paper dollies in all his classes and has been observed going through cradling motions to the tempo of Prof. White's masonry lecture!

Bob Neuhaus, Honor "I" pledge from the ranks of the bucketeers, is on the black list with the actives of this group. Last week-end Bob went out of town and Mike Carey hearing of his intentions to do so, demanded, as a pledge requirement, that Bob hand over to him his gal's phone number! Pledge Bob refused, thereby showing his lack of brotherly cooperation, and now his initiation into this select group seems rather doubtful. And Mike would have taken good care of the young lady, too!!

We understand that Bob Funk has found a greater interest than his studies. This interest takes the form—cute, too—of his gal, Pat Carter, nifty popularity queen of the West Aurora high school. It seems that Bob cut thermo and strength and ditched his fellow teammates during an important touchball game to watch his heart-throb lead a parade, as drum majorette, down the main streets of Aurora. In a way we don't blame him, for, after all, watching a pair of shorts walking down the street is much better than listening to Seegrists' spiel on a subject as interesting as thermo.

If the sages are right, and variety is the spice of life, Prof. Krathwohl is really having a helluva time living. Of the twenty-one solutions to a problem concerning "pressures on a parabolic dam" presented by his calc class, there were nineteen different answers ranging from 7 to 5000! One of the students, as he left the quiz room, was heard exclaiming, "Boy, that damn problem was tough!" For the benefit of you scholars the correct answer to this teaser was 173. (Krathwohl insists that this particular quiz was one of the snappier of his patented snap quizzests!)

SOOPER SNOOPERS.

Who Done It ?

By Richard K. Nell

Sauer Kraut, alias "Liberty cabbage," World War No. 1 (alias "Four Freedoms" cabbage, World War No. 2?) is a most interesting variety of "pot luck." It is to the vegetable kingdom what salt pork is to the meat kingdom, and Kraut and pork make a very good "ersatz" of porterhouse steak and French fried potatoes.

Because of its name and origin, it may soon be against the law to use the salty stuff, but it has always been slightly on the "unconstitutional" side due to its nature and chemical properties. But it absolutely cannot do anything that a gallon a warm milk chocolate won't fix, and during these times of national defense it does help conserve the mineral oils.

Now there is an old old, tale told about the first sour kraut. The event took place over a thousand years ago, and I was a bit too young then to get in on the fun, so I'll have to tell you the story rather second handily, for it was first told by my K great grandfather (K=17 greats). The story is that a long, long, time ago the Teutons were at war with the Croats, and that one day a Croat runner rushed into one of the villages some distance from where the fighting was taking place with the cry, "Danger, danger, enemy near! Evacuate at once!! Burn or destroy all that you cannot take with you."

The people, who had been expecting something like this for sometime, were well prepared to carry out these orders. Everyone had his task to perform. The men wrecked the buildings and burned all extra grain. The women and children gathered the belongings of the family together with all the food they could pack on the beasts.

Then all stood by awaiting further orders.

Suddenly, one of the inspectors noticed that a large cabbage patch had not been destroyed. He ordered one of the men to root up the heads, to cut them up into fine pieces, and to salt them far beyond the usual amount so as to render them useless as food. These orders were carried out and the deputy, thinking that he could improve upon the command, hid the salt cabbage in a big vat and placed a heavy grindstone on top of the pile. The tribe then departed, having completed, as they thought, a very good "scorched earth" plan.

It took the Teutons several days to reach this city. They had met with stiff opposition all along the way, and their supplies had run very low. Needless to say, they expected to find food at the village, and when they discovered that everything was gone, their hunger got the best of them, and they broke up their unit into small groups, so that a search for food might be undertaken.

In some way or other, one of the searching parties discovered the cabbage dump and reported it to headquarters. The general in charge, ordered his cooks to go out and prepare it for the men regardless of its condition.

That night the first sauer kraut banquet was held, and since then it has become a staple article throughout the civilized world. It is a mighty fine treat alone, but with spare ribs, rye bread, and beer, it becomes a positive joy to the palate.

We cannot thank Germany for producing Hitler, but we must grant her a vote of praise for developing the great national dish of sauer kraut and introducing it to the world.

The Greeks Had A Word For It

GODDESSES

Helen F. Marzullo

Now that the rushing season is over, the sorority girls are contemplating pledging, which will take place very soon . . .

The Sigma Omicron Lambda sorority has culminated its rushing activities at a dinner and theater party, which was held on Saturday evening, November 1. The girls enjoyed the musical show, "Louisiana Purchase," and had dinner in the East room at DeMet's.

Four of the sorority alumni members, and graduates of the class of '41 of IIT, were present, namely, Alda Kairis, Ruth Sprague, Jane Goelet, and Lillian Snodgrass.

Jane Goelet was engaged to Mr. John Sullivan last Monday evening. Our best wishes and heartiest congratulations to you, Jane!

Members of Kappa Phi Delta sorority are pleased to have in their midst three new members; they are Ruth Body, Agness Grossman and Gloria Klouzar. These girls were pledged to the sorority yesterday and are now wearing their newly received pledge pins. After the ceremony the pledges received corsages of the traditional Kappa red roses.

Sigma Omicron Lambda sorority will hold its formal pledging at twelve o'clock today. The girls to be pledged are Maxie Smith, Francis Snow, Virginia Pochelski, Viola Sievers, Cherryll Benes, and Virginia Peterson.

Combining business with pleasure the Sigma Beta Theta sorority held their formal pledging on Sunday afternoon at the home of Virginia Lombardo. Those pledged by the Sigmas were Mary Linke, Ann Mosner, Irene Ptak, Angela Fusconi, Corine Lense, Connie Curtis, Kathryn Wielder, and Jean Michels.

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

GODS

Robert J. Creagan

The Interfraternity council met last Wednesday in the Student Union to settle plans for the Interfraternity Formal. Dick Taylor chairman of the dance committee reported that Friday, January 30 would be the date of the fraternity men's big night and that the dance would probably be held in the Congress Casino or the Gold Coast room. Dick has not decided on an orchestra as yet. The schedule for ping pong was made out, the first matches to be played by November 28. Bowling scores are to be turned in to Ettinger at the Phi Kap house by midnite, December 18. As heretofore all bowling scores must be witnessed by a member from another fraternity.

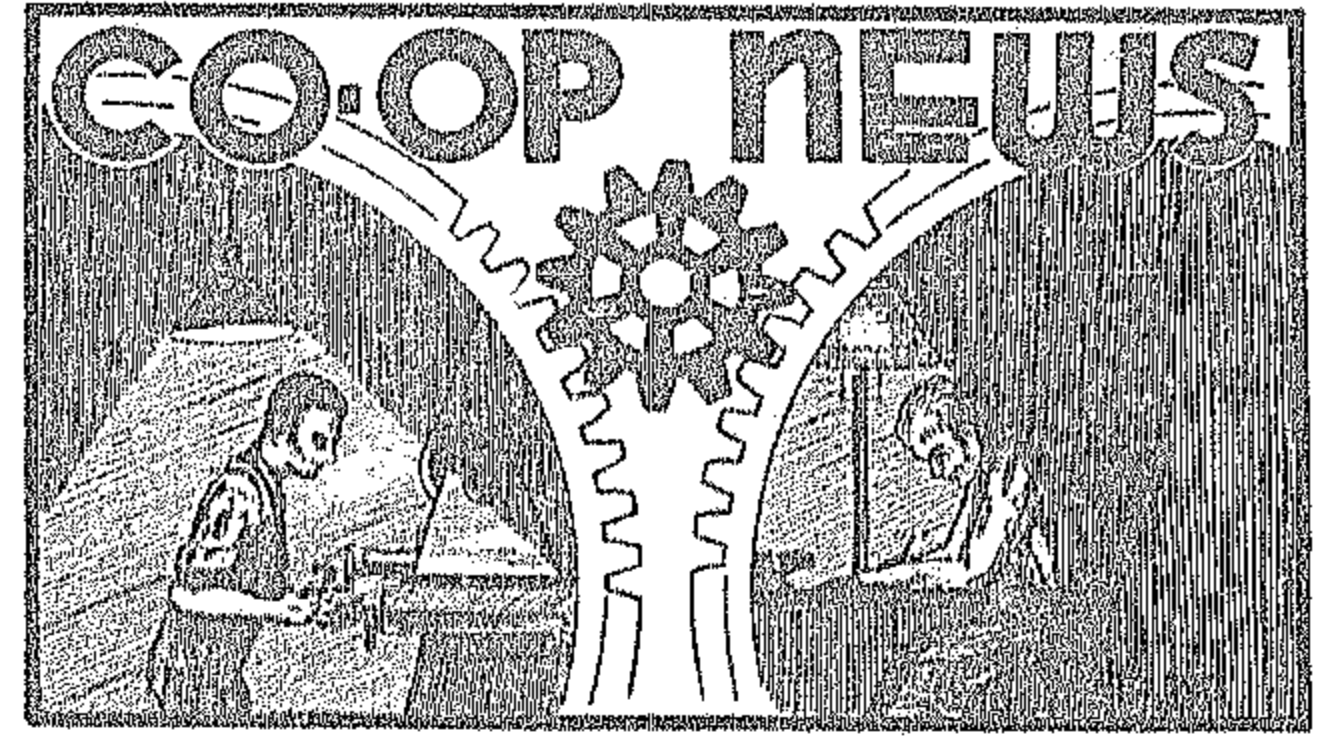
Now for some sidelights on some of the fraternity men about the Armour campus. Dale Wilman (Pi Kap) it seems has been able to convince the gal but not himself. Keep trying Buddha.

Northwestern's sororities close for the night at 2 a. m., consequently the "L" leaving Evanston at 2:20 is overpopulated with Armour's frat-clubbers. Last Saturday morning anyone interested could see Pi Kap Helldrich, Delts Moore and Ekstrom, Phi Kaps Taylor and West and several other Techawks sleeping their way back to 33rd and the tracks. That walk over to Michigan from the "L" is a lot more pleasant with plenty of company at that time of the morning. The Phi Kaps were a bruised bunch of boys after their tough game with Alpha Sig. The game was enough to make mothers keep their boys from playing so gentle a game as touchball.

Triangle president pro tem John Wood has been taking women just a little too seriously of late. Watch it John. Alpha Sig Robert Kerney was one of the two men pledged into Salamander last Friday at the FPES meeting. Delt John Bourke had a bad wreck over the week end and ended up in a quack hospital with casts all over him. After the pretty nurse signed her name and telephone number on the cast, John's family doctor came over and told him to arise and walk. John's only regret is that in breaking off the cast he lost the telephone number. The friendly tavern down at 31st and Michigan certainly gets its quota of fraternity men. The Pi Kaps came down to heckle Buddha and Farrell, the Phi Kaps walk over to play "Dirty-Eight," Triangle drops in to talk about women. Alpha Sig staggers in for 7-up, and the Delts attend just for the fun of walking home and serenading the various houses with appropriate songs.

Advice for today: Never trust your fraternity brother with your best girl, she might trust him, too.

Following up their recent activities, the Daedalians are holding a rushing smoker at the Glass room of the Graemere hotel this Friday evening. Under the sponsorship of the D's and action of Brother Ted Kowalski, a "symphonic hour" will be inaugurated at Lewis Friday afternoon, November 14.



By E. P. Hanuska and Bert Milleville

NEWS OF THE WEEK: The freshman-sophomore co-ops are going to have a weekend to top all weekends. On Friday, November 14 there will be dancing and romancing on a hay ride at Stafford stables near La Grange. Stan Tolbert, Phil Rinck, Bill Smart, and John Gerardi are all doing their best to entice the city slickers out to the moonlight country atmosphere.

Saturday, November 15, brings the soph aquatic hop, or in plain English, a combination splash party and dance. Special features of this event will be "Indian Joe" Werninghaus in a bathing suit and Jerry Golden's girl in a reasonable facsimile. Preparations for this shindig are being handled by: Warren Decatur and Phil Rinck, sales; Ed Hemzacek, Bert Anderson, Bob Anderson, entertainment; Reid Cameron, Paul Williamson, Roger Olson, refreshments; James Van Santen, treasurer; Stan Tolbert, publicity; and Charles Rowbotham, chairman.

In the 5A-3A touchball game, Ohgren, 3A, supposedly broke his thumb. Adamek was only too glad to rush the victim to Mercy hospital (the thought of those beautiful nurses). The boys finally came back after two hours, and now everybody is wondering why a half hour trip takes so long.

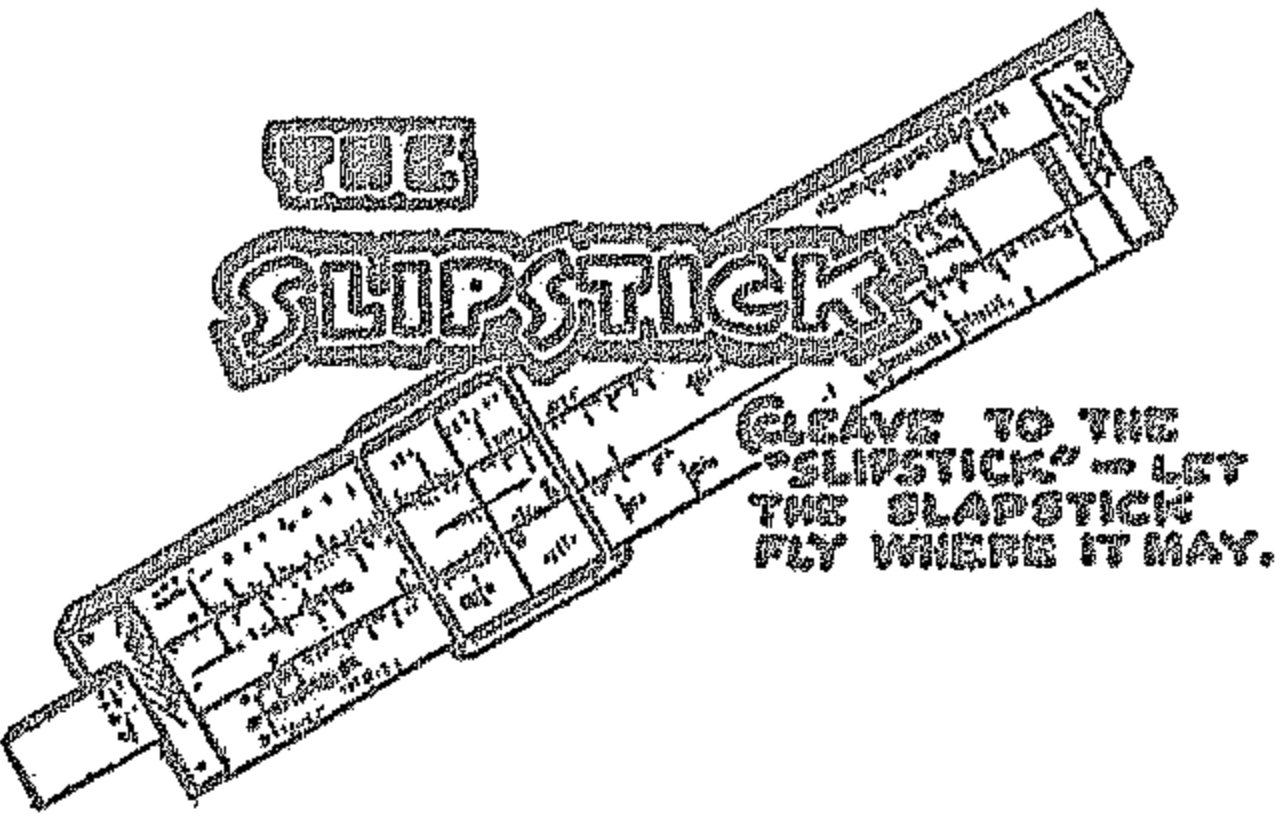
Soon all the high school girls will be breathing huge sighs as the photogenic face of "Clark" Kozica, 5A, flashes on the screen. Bill's only objection to working in these high school educational films is that no leading ladies are involved.

A class for confused bridge players meets four mornings a week in the physics drawing room. H. C. "Ely" Johnson, 3A, presides and advises on the finer points of finessing. Incidentally, a minor objective of this course is the design of a hoist.

Just tell Paul Powell, 5A, that mold-making is a snap; then stand by for the explosion. After making one sand mold fifteen times, Paul threw the whole works on the floor and yelled, "This damn mold will keep me from graduating yet!"

After absorbing that terrible beating from 5A touchball team, Knute Wittekindt, 3A, lamented, "Waldorf and I certainly get the tough breaks." With football off his mind, since his team is out of the tournament, Knute is looking over prospects for the 1942 basketball tournament.

Vic Milewski, senior co-op, has fully recovered from his accident at a recent party thrown by Bill Bobco for Roy Erickson, newly wed. The story goes like this; after a few thirst quenchers Vic was clouted on the head by a vicious little baby carriage which jumped off the floor, hit Vic, and then ran away before the victim came too.



SLIPSTICK
GIVE TO THE SLIPSTICK - LET THE SLIPSTICK FLY WHERE IT MAY.

Well, I can't stall here all night trying to think of a beginning. Hecks Becks after some of the disparaging remarks I've heard around here lately, one or two of you ought to go and soak your heads in a barrel of brine for a while.

MODESTY

In front of a store in the city not long ago a man noticed a sign which said, "Before you buy pants come in and look at ours."

He entered, but was unable to find a single male clerk, so, being of the timid sort, he purchased a couple of neckties and walked out.

Lorraine: "I'm a Venus de Milo girl."
Jack: "Yeah? What's that?"
Lorraine: "Hands off."

"Now that I'm getting fat and gray-haired, I have to do all the housework."

"Can't your husband afford to have a maid come in?"

"He can, but I can't."

"Your stockings are wrinkled, the boy friend said, And his bruises now are many How was the poor young lad to know That she wasn't wearing any?"

Letter from College Student: "Dear Dad—Gue\$\$ what I need mo\$t of all, that\$ right. Be\$t wi\$he\$. Your \$on, Frank."

Letter from Dad to Son: "Dear Frank—NOthing ever happens here. We kNOW you like your school. Write us aNOther letter aNOw. Jimmy was asking about you Monday. NOW we have to say good-bye."

An impudent vixen of Fla. Grew every day more and more ha. Till her mother said, "Go To the place down below, Where it's ta than August in Fla."

A school teacher was left alone in the house one night and complained to the police that she thought there were some prowlers about.

"I've heard somebody around the house the last few nights," she said. "Can you send a policeman over to the cellar until the rest of the girls come home?"

The chief bravely volunteered to do the work himself, so the young lady gave him a key to the cellar and also one to her room to be used in case of necessity.

"It's an awfully dangerous job, though," she warned the cop. "Suppose you're shot by a burglar while you're asleep in the cellar?"

"Lady," replied the courageous policeman as he slipped the keys into his pocket, "if I'm asleep in the cellar I ought to be shot."

AN ADVERTISER

"Lost: a lead pencil by Jennie Weems, blonde, blue eyes, five feet four inches, good dancer. Finder please call 43-282 between seven and eight p.m."

Alice (pouring out a drink for him): "Say when."

Ray: "Well, if it's all the same to you, how about right after this drink."

Sounds All Right to Us

The dear vicar's wife had just died, and in consequence he wished to be relieved of his duties for the week-end, so he sent the following message to his bishop:

"I regret to inform you that my wife has just died, and I should be obliged if you would send me a substitute for the week-end."

The girl friend collects antiques, and recently she acquired a horsehair chair, whereupon she discovered immediately why grandmother always wore six petticoats.

Till the next time, Hasta la Vista. OH MIN!

Other Campuses

By Raymond W. Sauer

In order to meet the demands of defense education in Pennsylvania, Penn State college has housed a mobile chemistry laboratory in a two ton truck. This laboratory will travel 10,000 miles to 93 centers where high school graduates are being trained for defense jobs.

Tulane university has a scholarship for descendants of Confederate soldiers, while Transylvania college, Lexington, Ky., is operated by the Disciples of Christ.

Approximately 70,000 college students this year hold scholarships valued at more than \$10,000,000.

Three years ago a fellow from Oregon made news by driving to Wheaton college in a model "T" Ford. Since then it's been resting behind his home because no one would insure it. The other day someone offered to insure her, and, happy day, the relic will again be seen on the streets of Wheaton.

Yearly expenses at state-operated co-educational college in the United States are about \$453, while the figure for private institutions is \$979.

The current football series between Ohio State and Northwestern had its beginning twenty-eight years ago when Northwestern traveled to Columbus, Ohio, to be beaten 58 to 0.

Elizabeth Conrad, dean of women at Michigan State college, is urging patriotic co-eds who want leg appeal without "cheapening themselves" by going barelegged to wear red, white, and blue cotton stockings during the defense made silk hosiery shortage.

Nevada and Utah are the only states in which there are no living alumni of Emory university.

The oldest local fraternity in the entire country is Kappa Phi Lambda which was founded at Westminster college, New Wilmington, Pa., in 1864.

ARX NEWS

Have you heard about the nine frosh who took a taxi for 75 cents from Armour to Art Institute? No, really, it's the straight goods. Next thing you know the sophs will charter an outing bus. Or seven seniors will pull up in a stolen Studebaker. Or "Soap-Box" Lane in a Russian light tank. Anything can happen, with one exception. The juniors will never roar by in Randall's rattletrap.

At the time of this writing the Sadie Hawkins Melee is still on its way. You're a lucky dog, Critic, you sit on your stool reading this and the brawl is over and you can call us poor prophets for the guesses we're about to make:

1. Dunlap will get stuccoed like wattle and daub.
2. The freshmen will decide the seniors are nuts.
3. The freshmen will be right.
4. Little Abner will not be present. He will be resting at home after a hard Saturday's work in the comic section.
5. Honey Chile and Hugh Goodman Story will make a handsome twosome.
6. MacArthur will carry a baseball bat to stave off women.

7. Hasskari and Farrell will get stuck with their dates. National ain't rational boys.

8. The Arx will make enough noise to break the lease when the tenants below complain.

The frosh came through with news lately. For instance, item: if you have a tummy-ache, see Glassgen and Fraccaro. They know all about the ballet. (Editor's note: item: Da-da.)

On this most auspicious occasion (it says here) we're going to give the ax to lads who thought they slipped staff by our column. Nobody does. We reminisce: Randall getting a haircut, and Miss Lane telling the juniors what a bunch of sheep they are ("Down with the lunchroom") and Daly's fruit store, and Burleigh and Randall mutually amputating neckties, and Storz wearing his fireman suit.

Recreminations are afloat in the junior class. Pearson says Pipher's new shoes give him flying feet. Pipher says Lillibridge looks like a bunny rabbit. Lillibridge claims Pearson looks unhealthy.

We'll ax you another next week. ANN EBRIATED.

TIME OUT



By Warren Spitz

In response to our hospitalization article we received a great deal of comment, most of it very favorable. Let a few misapprehensions be corrected before we go further. We did not state definitely what the fee should be. That should be decided by the proper authorities. Payments received from the general fund should not constitute a loan, but would be permanent. And as for criticisms that the plan won't work, we say that it does and has worked very well at large and small colleges throughout the nation.

Support of the campaign, what we might term the "Bob Ladevich Fund" has been great. Started by his fellow junior mechs the drive has netted over \$100 in subscriptions and is still going strong. Bob was injured in the touch tourney several weeks back, and the fellas have rallied to his cause. We hope to see more of you in on it as it certainly is worth while to help out your fellow Techmen whenever possible.

For the benefit of those who thought we may have missed some points in the fieldhouse story of last week, we beg to say that besides the sport facilities mentioned, the new building should contain a fully-equipped rifle range, as many bowling alleys as possible and full provisions for indoor golf practice and other activities which need indoor playing space. Don't worry fellows! No one will be left out if possible. We want, need and will get the best, but it will be necessary for everyone to put their shoulders to the wheel.

Everything seemed to happen at once last week, but, believe you me, it's only the beginning. Illinois Tech is in a high pitch and we want to see that type of student spirit remain throughout the year.

Our basketball season is only a few weeks away, and it is high time that we started to hear some talk about the cagers. If the present campus enthusiasm continues we expect to see some real crowds out at all of the games. We must have crowds because we are going to have cheerleaders, and we must have a large-lunged gang to do the yelling.

Yes, I said cheerleaders. The first meeting of prospective candidates for the group will be held Friday at 5 p.m. in the Yearbook office, across from the Technology News rooms, 4th floor, first entrance Chapin hall on the south campus. We are guaranteed a fine turnout of coeds and we want to see them supported by plenty of the guys.

Arrangements are being made to provide sweaters or uniforms for the group. Friday's the day! Let's be there.

ANSWERS

1. (c)
2. New York Yankees and Chicago Cubs, 1932.
3. A field meet comprised of ten major events.
4. False. In baseball the ball is thrown while in cricket it is more or less bowled.
5. (a) A conversion is a successful kick for point after touch-down.
6. (a) golf; (b) football; (c) baseball
7. (b) It is a series of rowing or sailing races.
8. Ohio State University
9. Craig Wood.
10. Badminton.

Tech Netmen Start Practice At Armory

After brushing the cobwebs on their rackets aside, the netmen endeavored to iron the kinks from their muscles once again, as they returned to action last Wednesday night after a several month layoff.

Returning members of last season's squad are Captain Mike Shultz and Dick Dunworth, seniors; Earl Sherman, a junior; and sophomores Jim Ferguson and Dick Larson. Enforcing these men are twelve newcomers, three of whom commute from the west side campus.

Leading the group of embryo netters at this early stage, are Paul Jernberg, a letter man from Parker high school now enrolled at Lewis, and Chuck Behrens and Don Shiller, both veteran netters in interfraternity and intramural tennis. A more accurate idea of the strength of the new men, however, will be had after their games are adjusted to the boards, a perennial obstacle to the men meeting them for the first time.

Manager Dick Hameister, after summing up the results of the two sessions, expressed his belief that the team appears stronger at this time than it did a year ago after an equal period of activity. The next meeting of the squad will be Thursday night at five, as the courts will not be available tomorrow as scheduled.

Illinois Tech Profs At DeKalb Conclave

Illinois Institute of Technology was represented at the Illinois sectional meeting of the American Association of University Professors which was held November 1, 1941, at Illinois State Teachers college in De Kalb, Ill.

Of the twenty-one active members of the IIT faculty, Dr. Judson Lee, Mr. Cecil Graves, and Dr. Floyd Holmes of Business and Economics Department; Mr. D. Roy Mathews, professor of history; and Mr. Millard P. Binyon of the Language and Literature Department journeyed to De Kalb.

Featuring the meeting was an address by Professor William McGovern of Northwestern university on "Totalitarian Government and Education." Since Mr. Anthony Carlson, originally scheduled to speak, was unable to attend, Professor Edwin Kunst of Central Y.M.C.A. college, Chicago, also spoke to the assembly.

Child Prodigy—

(continued from page three)

posed a number of variations, concertos, and symphonies. His hands are still too small to reach octaves. Therefore his dad has not allowed him to go on tours yet.

Kenneth Wolf is also remarkable in other fields. His IQ rating as tested by the Brush foundation was the highest ever tested—considerably over 200!!! When he was seven, his father hired one of the most brilliant mathematics students from Case School of Applied Science to give him weekly lessons. Other than this training in music, mathematics, reading and writing, he has no instruction. He learned physics, biology, chemistry and other sciences by himself.

This super-quiz kid has embarrassed his high school teachers by correcting their mistakes, and soon it was apparent that an ordinary educational program was not fit for him. At present Kenneth Wolf, a boy of ten, is attending the Western Reserve university where he is majoring in chemistry.

RINK AVAILABLE FOR HOCKEY PLAY

Last week the hockey team received good news from two sources. They are due to have a rink available for practice sessions and home games, besides will probably have home and traveling games with Notre Dame and other Mid-western schools.

"Doc" Davey, the non-playing book coach of the hockey team, received a communication from the Southwest Falcons saying that their rink at 55th and Kolin could be used by the Techawks. This will allow the team to get out and have regular practices as soon as the weather permits, and will also allow them a rink for their home games.

The letter from Notre Dame was less definite but just as important. Athletic Director Frank Leahy wrote that they were willing to schedule one or more games as soon as their team is definitely formed. Games with Lake Forest, the Falcons, Whiting and Waukegan are being planned for the coming season.

As this is being written the snow and the thermometer are both falling—but rapidly. This leads to the conclusion that the team will start playing very soon. We advise all sports-minded students to purchase warm clothing to get out and cheer the skaters on to victory.

Thadie Hawkth Day At Ruth's Thtableth

Twenty-one miles from nowhere, as the bull flies, stands an edifice known as Ruth's stables. Contrary to usual newspaper practice, the edifice is no longer imposing. The arx have struck.

At dusk on Saturday in Ruth's stables a feeling of unrest, of hidden portent, was in the air. Horses whinnied and stamped notlessly in their stalls. Ruth, herself, was short-changed by a customer, instead of vice versa. But these omens were foolishly disregarded, and before you could say Bander-snatch, it was too late. Architects arrived to render the stable unstable.

By eleven o'clock the din was not far from frumious. Complaints began to arrive from the neighboring states of Wyoming, Georgia, and Maine. These were disregarded with enthusiasm, promptitude, and decibles. It got noisy.

At midnight a Western Union messenger arrived to deliver a singing telegram from the Academie des Beau Arts de Paris. He was repulsed by several vorpals, who poured cauldrons of molten freshmen on him from overhead. Services Thursday.

At one a.m. the police decided to storm the stronghold. With the aid of a wagon tongue they pried open a shuttered window. An officer crept close to toss in a tear-gas grenade, but was blown back by a blast of compressed conversation, cigarette smoke, music, and cider vapor. The police wept on each other's shoulders and retired to the relatively safe vintage-point of a stud poker game at the station house.

At three a.m. the clamor subsided. After half an hour of waiting, a hastily-organized vigilante committee entered with clubs and caution. They found no one. The arx had ambled.

Contracts have been let for the reconstruction of the stables, and operations will begin when Ruth is persuaded to come down off the silo.

Wrestlers Have Strong Turnout; Practice Begins For New Season

Again comes a call from that fifth floor labyrinth, oftentimes called, the "leettle" gym, for boxers and wrestlers. As Sonny expressed his opinion, upon query, "We can train men who have ambition." Thus, with this anecdote fellows with enough fight in them should accept this challenge.

Walker Lists Lettermen

Manager Jim Walker issued a list of returning lettermen working out from 4 to 6 each Monday, Wednesday, and Friday. This list has in the respective weights: Daly, 121; Till, 128; DeBoo and Maihock, 135; Jahnke, 155; Butkus, 165; Golden, 175; and Horwitz at the heavyweight post.

Aiding these fellows are a group of last year's men and several rookies. Notably active are these lads; Dunlap, 121; Eullitz, 135; Jcnes and Ozimek at 145; Yez, 165; and Zemaitis, 175.

Much of the credit for the team's spirit and condition goes to their

consistent attendance at the workout periods.

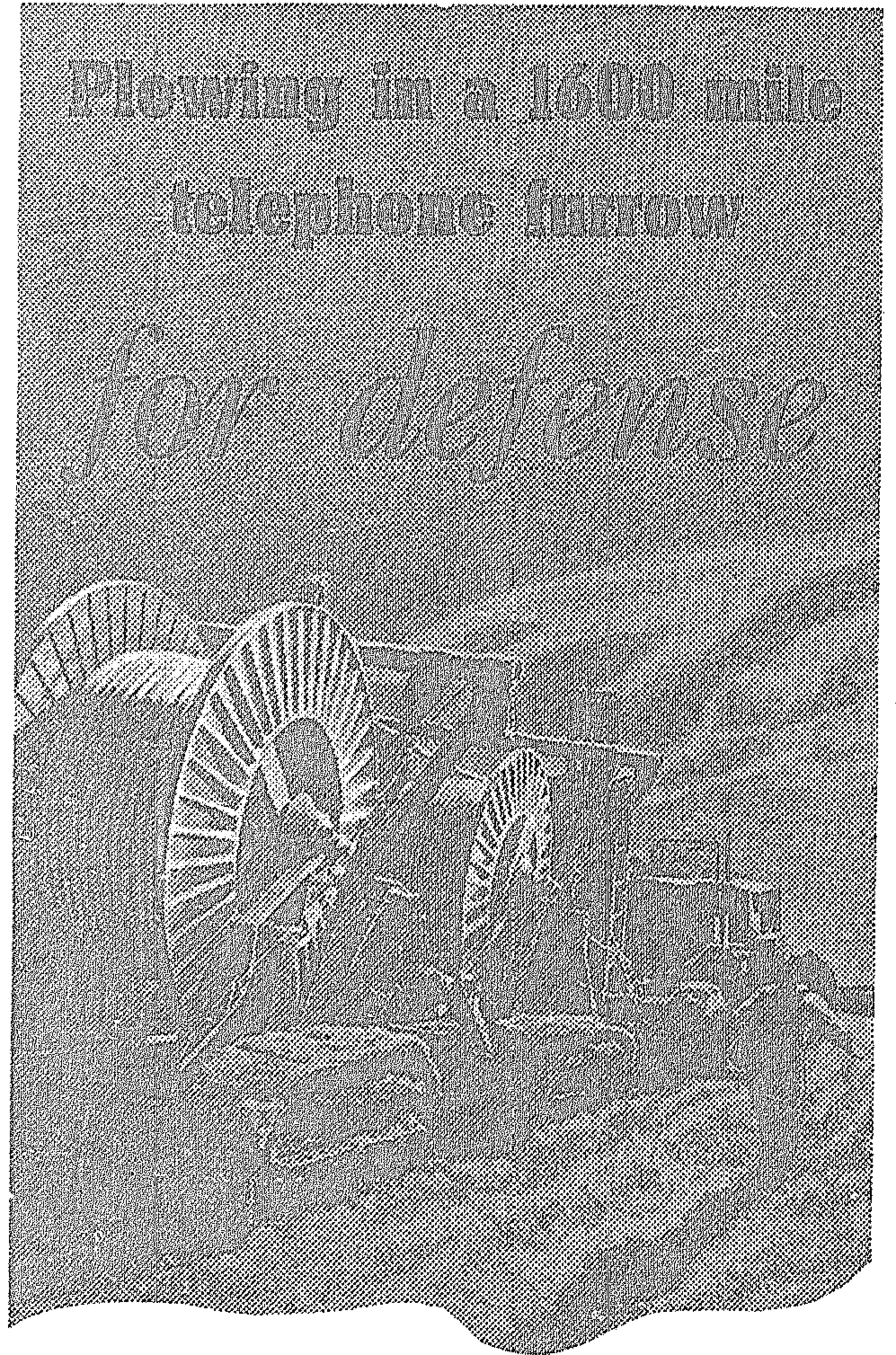
Prominent Rookies

In the 145 pound division is Klew, a University of Illinois transfer. Al Glassgen, 185, who had experience on the Amundsen high school squad, is also showing his abilities very well. Proctor and Round can be listed in this category.

With the quality of men on the team, eight meets are tentatively scheduled. As in previous years, Wheaton, Beloit, and Augustana have accepted our offers. Wheaton will come to our gym. Walker announces that the Division St. "Y," Chicago Park district, George Williams, and American College of Physical Education have also been contacted.

Last Year's Record Is Good

An average of 40 men workout on each of the days provided for them. If the team can equal the five win, one loss and one tie record of last year, the coaching of Sonny Weissman will be well rewarded.



To assure coast-to-coast telephone facilities adequate to meet future defense needs, the Bell System is constructing a 1600 mile, \$20,000,000 cable line between Omaha and Sacramento.

Several newly developed "plow trains," working from opposite ends of the line, are burying the cable for maximum protection. They dig deep furrows, lay two cables in them and cover them with earth—all in one continuous operation. Their meeting will mark completion of the first all cable line across the continent. Carrier systems will be operated in the cables — one direction of transmission in each.

This vast project is just one of thousands in which the Bell System is now engaged to provide additional communication facilities so vital to Army, Navy and defense industries.

