

# TECHNOLOGY NEWS

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ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

FEBRUARY 25, 1941

## Innovate Three Semester Food Technology Course For Chemists, Engineers

### New Class Scheduled In Food Technology For Evening Grads

Food technology is being introduced at Armour College in the form of a three semester course open to the evening graduate division.

Stabilizing food technology is the intention of the course. The course is a combination of bacteriology, chemistry, and engineering. Many chemists, graduating from school and securing jobs concerning food testing, have been confronted with many problems concerning processing, spoilage, and bacteriology. This course enables the student entering this field to secure very practical knowledge that otherwise would have to be learned by experience.

#### Business Men Teachers

It has been the ambition of a lot of men to draw industry and the academic field closer together. This can be accomplished by having men in business teach or attend classes. This course is an excellent example of this idea. The course is to be taught by Dr. E. Harvey who has had much practical experience in this line.

#### Food Technology

University of Maryland has a four year course in food technology, and Massachusetts Institute of Technology has a similar course. Although only three semesters, a concentrated course is being offered, it is hoped that installation, if it is received well, of a four hour course, such a course would be a great aid to the food industries of Chicago especially those engaged in meat packing.

## Defense Training Program Brings Six New Courses

Illinois Institute of Technology's recently formed Engineering Defense Training program has added many new courses to its curriculum. More tool design and elementary design courses will be given, and there will be a number of sections of strength of materials, with laboratory work, given in addition to the regular classes. A new class in welding engineering and a general course in diesel engine theory, will be offered.

In the South Chicago area there will be several classes devoted to the important subjects of time and motion study, and general metallurgy. One more course in metallurgy will be included at Lewis Institute.

#### New Subjects

New subjects, never taught before in the training program, will be introduced. They are courses in plastics, electronics, elementary electrical engineering, elementary steam power plants, elementary chemical engineering, and explosives. A course in advanced testing methods will probably be included. Additional courses will be given, should a demand for them be indicated.

## James Lombardo Writes IIT Song

No, not Guy Lombardo, but rather, Jimmy Lombardo, who has come through with a lusty school song which is guaranteed to thrill everyone and fill them with school spirit and loyalty to the Illinois Institute of Technology. Jimmy's masterpiece is entitled "There's Only One IIT."

Jimmy, who is a senior at the Vandercook School of Music and is taking his academic work at Lewis, wrote the music, and his wife, the former Virginia Allen, supplied the lyrics. Mrs. Lombardo is a graduate of Lewis and a member of the Sigma Beta Theta sorority alumni.

#### Ray Noble Petition

Last fall when asked to sign the Ray Noble petition, Jimmy asked if some student could not write a school song. The committee told him to go ahead, and then neglected to follow it up. Jimmy did not forget and last week handed his composition to the song committee. When the song was played, it made an immediate hit, and a consensus of opinion of the student body was taken.

(continued on page two)

## Defense Courses Installed At Lewis

Twenty night school courses, relating to the Engineering Defense Training Program have now been installed at Lewis. These courses include a course in testing equipment, a course in machine design, two courses in strength of materials, a course in ordinance inspection, two courses in welding engineering, four courses in time and motion study, three courses in production methods, four foreman training courses, and a course in metallurgy.

#### Industry Drafted

Members of these courses were drafted from industry for E. D. T., and are on an independent schedule from the regular IIT schedule. These courses run for twenty weeks.

## String Quartet To Serenade Guests

What is the controversy splitting the student body of Illinois Institute of Technology? Is it whether or not relativity is here to stay? Shall the South secede from the Union? No, none of these, but who will be the fortunate damsel to reign as beauty queen at the Junior Formal.

Among the comely aspirants to this title are, Mary Spies, junior architectural student at Illinois Institute of Technology and the only girl member of the junior committee sponsoring the affair. She will be escorted by Hugh Story mechanical engineering student; Ruth Early, University of Chicago coed, who will be escorted by Roman Mankus, mechanical engineering student, a member of the junior committee and swimming team; Rita Castino, Mundelein College graduate, who will be escorted by James J. Walker, fire protection engineering student, junior class secretary, and member of the committee.

Other hopefuls to be escorted by committee members are Dorothy Duncan, University of Chicago coed, who will be escorted by Richard Talcott, fire protection engineering student and member of the swimming team; Darlene Van Derkeyden, to be escorted by Charles Lachman, chemical engineering student, manager of the basketball team, and committee chairman; Jane Klimmick, who will be escorted by Donald Ely, junior fire protection engineering student.

Other junior committeemen are Frank Jencius, mechanical engineering student, Jorma Leskinen, electrical engineering student, and Gustav Staats, electrical engineering student and Raymond S. Leibbrandt, of the civil engineering department.

Bids for this tops among the

(continued on page two)

## Make Friends! Influence People! Read "How to Be a Gobbler"

By an expert

1. Definition: A turkey is one who gobbles. Gobbling includes "shining the apple", sitting in the first row, handing in your homework on time, and other unpardonable sins. By these methods a gobbler obtains grades which are much higher than is warranted by his ability and effort.

2. Approach: You should know your prof personally long before he becomes your instructor. Invite him for dinner and talk to him about his hobbies.

3. Maintenance: To maintain good relationships with your professor, see him often after class, and appear to be highly interested in his lectures by asking all sorts of questions, foolish and otherwise.

4. Tests: Before each test ask the prof to give you a general idea of what questions and problems he is going to give, and after you have taken it go to him and tell him that you did not feel well during the test, and that you were foolish to hand it in. Then, if you did well, you will get full credit, while if you did not do well, the prof will take your ailment into consideration.

5. Grades: If after all this you do not receive an "A" in the course, go to the prof and argue with him until he gives you the desired grade. If he does not change his mind, be nice to him anyway, so that he may speak favorably about you to other members of the faculty.

## Research Engineers Test Golf Ball For United States Golf Association

### GE Lab Director Speaks At Armour

Everett S. Lee will speak on "The Prominence of Measurement in Industry" to the general student body in an assembly sponsored by the W. S. E. on Friday, February 28, at ten o'clock.

Because of the requirements of industry for very accurate measurements, many different methods are being employed. Mr. Lee, speaking on the apparently simple problem of measuring the common inch, will illustrate his talk with slides.

The speaker is qualified to discuss this subject, being director of the General Engineering Laboratory of the Schenectady Plant of the General Electric Company. His undergraduate education in the field of Electrical Engineering was carried on at the University of Illinois, and his graduate work at Union College.

This program is unique in the manner of its arrangement. One of the purposes of the W. S. E. is to secure better cooperation between departmental engineering societies. The A. S. M. E., knowing that a talk on this subject would be of general interest and value, made the necessary arrangements, and the W. S. E. sponsored it because of its general nature.

## GLAMOUR GIRLS WILL MODEL FOR SHUTTER FIENDS

Photogenic glamour girls in three delicious flavors will act as models for the first Armour Eye open house of the new semester. In addition to the old members, anyone interested in joining the shutter-snappers is invited to come up to the studio on the momentous night of Friday, March 7, at 7:00 p.m. Anyone with a camera will be admitted to take pictures of the girls under the clubs more than adequate lights. The club's 5x7 inch view camera will also be available for use.

Interested students will be welcome at the regular meeting of the photographers' group which will take place this Friday at the usual hour of 10:00 a.m. Several amendments to the club's constitution will be considered at this time, including the reduction of dues and the admission of graduate students.

Previously, the constitution of club had specifically barred graduate students from membership. After this Friday, they will find the doors of the darkrooms open to them.

In the recently-remodeled darkrooms of the club, there are full facilities for carrying out practically all of the photographic processes. Available are a Super Omega B enlarger—the last word

(continued on page three)

### Prof. D. Richardson Designs Electronic Clocking Equipment

Every golfer in the United States will be influenced by the project now being carried on by the Armour Research Foundation. The slide-rule and the stop-watch have been called in to aid the niblick by the United States Golf Association which has the support of every golf club in these golf-playing United States. Dr. Carl G. Anderson is supervising this investigation of the tools of St. Andrew's old Scottish sport.

Machinery has replaced humans in almost every other field, and the foundation's hook and slice scouts have carried this to the extreme of replacing the golfer. A robot has been built to drive a ball with the velocity given it by the average golfer. Sixty balls an hour, according to Dr. Anderson may be tested by the device.

#### Electronic Stopwatch Used

Whirling with a translated linear velocity of 145 feet per second, a hammer swats the ball under observation. Determination of the resultant impact velocity is then measured by having the ball break two successive beams of light, actuating photo-electric cells. Intersection of the first beam switches on current to a ballistic galvanometer; when the second beam is cut, the electricity is shut off. Deflection of the galvanometer thus offers an index of the time required for the ball to travel a constant distance. Professor Donald E. Richardson of the foundation is the creator of the complicated electric-eye vacuum tube amplification circuit.

No changes in performance are sought by the "tee men." Standardization of results is their object and, by the use of the iron golfer, materials and specifications are being set up to make performance of balls and clubs consistent.

Every manufacturer, from last January 1, on, will be expected to make all of his products conform to the measurements laid down

(continued on page two)

#### THIS WEEK AT IIT

##### TUESDAY

February 25: Sigma Omicron Lambda Rush Luncheon, 12:30 p.m. in the Tea room. Meeting of Lewis Technology News staff, 3 p.m. in room 312.

Lewis Drama Club, 1 p.m., Lewis Auditorium

##### WEDNESDAY

February 26: Kappa Phi Delta Rush Luncheon, 12:30 p.m. in the Tea room.

Dance Club meeting, 5 p.m. in Armour Auditorium  
Junior class Meeting, Lewis, Room 431, 12:30 p.m.

##### THURSDAY

Lewis Drama Club, 1 p.m., Lewis Auditorium

##### FRIDAY

February 28: W.S.E. General Assembly, 10 a.m. in Armour Auditorium.

##### SUNDAY

March 1: Kappa Phi Delta Formal Rush

## "Ion Shooter" To Be Loaded With Million Volts

Dr. W. R. Kanne, under the sponsorship of the department of physics, is beginning research in Room 104, Physics Building on the subject of nuclear physics. Dr. Kanne will be assisted in this work by John Ellison, a research assistant. The studies are to be of a purely scientific nature, as Dr. Kanne pointed out that the object of such efforts is to learn as much as possible about Nature, with the view of possibly utilizing this knowledge to control natural processes in the future.

The main piece of equipment consists of a Van de Graaf electrostatic generator mounted in a high-pressure tank. The tank is being constructed and donated by the Chicago Bridge and Iron Co. and the Taylor Forge and Pipe Works. The generator is mounted in the tank which contains air under a pressure of about 150 pounds per square inch, because of the fact that air is a much more efficient electrical insulator when under pressure.

It is estimated that the machine will develop a potential of approximately one and one-half million volts. It will be used to produce a beam of positively-charged ions of high velocity. The goal of the experiments to be performed with this apparatus, in common with the more widely publicized cyclotrons, is to produce information regarding atomic nuclei from the effects produced by the penetration of these high-velocity ions into the nuclei. Electrostatic generators however are used in some experiments impossible with cyclotrons since the energy of the ion beam can be controlled more precisely, even though the magnitude of the energy is usually not as great. The beams to be utilized are those consisting of protons and deuterons. In operation the electrical charge is sprayed upon a belt, moving at the rate of a mile a minute, which carries the charge up to the electrode.

### CORRECTION

The reference to jewelry selected by the Senior committee at Armour as the "official jewelry of IIT" was erroneous. There is, at the present time, no official school jewelry.

Every student at Armour should carefully check the following list and be sure to have his picture taken for every one of the following groups of which he is a member. All students are excused from classes to have their picture taken.

Pictures for the yearbook will be taken on Tuesday, Wednesday and Thursday, February 25-27, in the auditorium of the Student Union.

### TUESDAY FEB. 25

**Mechanicals**  
 Juniors 2 groups 9:30-10:00  
 Sophs 3 groups 10:00-10:45  
 Frosh 4 groups 10:45-11:45  
**Electricals**  
 Juniors 1 group 12:00-12:15  
 Sophs 2 groups 12:15-12:45  
 Frosh 2 groups 12:45-1:15  
**Fire Protects**  
 Juniors 1 group 2:00-2:15  
 Sophs 1 group 2:15-2:30  
 Frosh 1 group 2:30-2:45  
**Civils and Science**  
 Juniors 1 group 3:00-3:15  
 Sophs 1 group 3:15-3:30  
 Frosh 1 group 3:30-3:45

### WEDNESDAY FEB. 26

**Chemicals**  
 Juniors 2 groups 9:30-10:00

## DR. M. SCHULTZ'S GRADUATE COURSE

This semester, the graduate division at Armour is offering a course in the physics and chemistry of matter in the crystalline state. Dr. M. L. Schultz is conducting the class.

The aim of the modern theories of the solid state is to predict the arrangement of atoms and molecules in crystals from the theories of the structure of these atoms and molecules. From a knowledge of this arrangements, the theories attempt to foretell the properties of intermetallic compounds of crystals.

During the course a study will be made of the methods used in attacking the problems outlined above and also of the results which have been obtained. In addition, some typical chemical reactions occurring between solids will be studied.

## Hurry! Hurry! Scientific Cure

Passing an electric current through the head of an insane person causes the patient to have an epileptic fit. If the shock is severe enough it may restore the patient's mind to normal.

Mohammad Muthleb, former instructor in the Lewis physics department, made the device for Dr. Neymann, who has written many books on the cure for insanity. Dry cell batteries are attached to two electrically charged discs which are placed on each temple of the diseased. This causes the epileptic fit which, if it does not kill, will cure the patient of general paresis.

## School Song-

(continued from page one)

"There's only one IIT." went over with a bang: The lyrics are as follows:

"We pledge our hearts, our all to IIT.

We'll spread your fame and glory where're we be.

In all the land there's only one Under the sun, there's only one.

We pledge our hearts, our all to IIT.

Long may your splendor shine for all to see,

We stand and sing with fervent loyalty

In all the land there's only one."

Sophs	2 groups	10:00-10:30
Frosh	3 groups	10:30-11:15
Senior Class Officers		11:30-11:45
Sen. Com'teem'n group		11:45-12:00
Individual Sen. Com.		12:00-12:45
Junior Class Officers		12:45-1:00
Soph Class Officers		1:00-1:15
Frosh Class Officers		1:15-1:30
Junior Dance .Com		2:15-2:30
Soph Dance Com.		2:30-2:45
Frosh Dance Com.		2:45-3:00

### THURSDAY FEB. 27

Armour Players		9:30-9:45
Dance Club Officers		9:45-10:00
A.S.M.E.		10:00-10:30
A.I.Ch.E.		10:30-11:00
F.P.E.S.		11:00-11:30
A.S.C.E.		11:30-12:00
A.I.E.E.		12:00-12:30
S.A.M. Officers		12:30-1:00
Rifle Club Members		1:45-2:00
Armour Eye		2:00-2:15
4th year Co-ops		2:15-2:45
3rd year Co-ops		2:45-3:15
2nd year Co-ops		3:15-3:45
1st year Co-ops		3:45-4:15

### NOTE ARCHITECTS

Arx society pictures and class pictures will be taken Friday at the Art Institute, from 9:30-12:00.

Lionel Naum  
 Editor

## Arx News

Here we are again with the complete coverage of events occurring at ye Art Institute.

Steinweg got a lengthy questionnaire concerning army life. Deciding that this called for celebration, Steinweg, Pointek, and Blume partook of cohasset punches, and returned to class in high spirits. They discovered that Reinke's model house was not fire-proof, and had a ripping good time tearing up other peoples drawings. That is probably what happened to the Crit that Mies gave to O'Brien.

Ostie dropped in Friday, but couldn't persuade anyone to go to the show, everyone was having too much fun giving each other the hot-foot. Michaelson alone escaped that tingling sensation.

Johnny Weese discovered that by inhaling the fumes of rubber cement he could forget about everything and feel "Out of this World." Hannaford finally locked the can of cement in his locker until Weese came out of it.

### Contributions:

Why is it that Steinberg has been eating so many raw eggs lately?

When is Daly going to buy some of his own equipment?

Gross finally broke down, and bought an art-gum eraser.

Lane is making quite a few connections at a certain theater on the corner of State and Van Buren. He really enjoys ushering there.

Stowell seems to be getting ready for spring training, at any rate he's pitching oranges around the rooms. One of them almost decapitated Lindgren.

Having exhausted our notes and dope, we've decided to close ope, Soo long

SCENTER.

## Golf Research-

(Continued from page one)

on the campus of Illinois Institute. The start of next year will see the banning from tourney play all implements and balls which do not fit into the rules.

Grooves on the heads of iron clubs may not exceed 35 thousandths of an inch in width, while the lands (the flat, raised areas between the grooves) must be at least three times the width of the grooves. No circular punch marks on club faces are to exceed 75 thousandths of an inch in diameter and cannot cover more than 18 per cent of the area allowable for scoring. In order to have no effect on the ball's trajectory, all punch marks must be uniformly spaced.

From an extensive study, the golf engineers found that 70 per cent of all clubs now in use conform to these specifications; in 1942 the remaining 30 per cent will be good only for non-tournament play and disciplining the children.

The formerly too-broad rules were replaced by a request of the manufacturers.

## Junior Formal-

(Continued from page one)

school's social effort are going rapidly and have exceeded all expectations. Wednesday morning is absolutely the last time that bids may be procured. A special feature of the dinner dance will be a strolling string quartet which will serenade the guests during intermissions between the champagne dance music of Lawrence Welk.

The Junior Formal committee has expressed the desire that all bids be completely paid for by Wednesday morning.

## A.S.M.E. MEMBERS TO GO TO DETROIT

Selection of an Armour representative for the district competition at Detroit, April 21-27, will begin at the March 7th meeting, it was revealed Friday at the A.S.M.E. meeting. Any member of the A.S.M.E. may submit a paper written from the scientific aspect of any suitable subject. It is planned that a bus be chartered for the trip if enough members plan to go.

Inspection trips to local industrial plants have been behind schedule due to defense operations. Mr. Roesch has been working on these tours and promises some trips in the near future.

Adoption of by-laws, for the Armour division of the A.S.M.E., was an important part of the business meeting. A committee was appointed last fall to formulate these laws. It was decided that a quorum of 20% be present to transact business.

Friday the A.S.M.E. is sponsoring the W.S.E. assembly in the auditorium of the Student Union. Everett S. Lee of the General Electric Co. Schenectady, N.Y. will be the guest speaker. The subject of his talk will be "Prominence of Measurements in Industry".

## Chemical Honorary Now Includes Lewis

Chemical engineering students at the Lewis campus will now have the opportunity to achieve scholastic distinction. This is the eligibility, for those of high scholarship standing, of becoming a member of the Omicron Chapter of the Phi Lambda Upsilon Fraternity, a national honorary chemical engineering society. The Omicron Chapter formerly of Armour College has been rechartered to Illinois Institute of Technology. Before this Chapter could be rechartered, the National Organization had to approve of such an arrangement.

Students of chemical engineering or science with a high scholastic standing are eligible for membership. Extra-curricular activities also play a part in the selection of members. Henry Wessel is president of the Chapter at IIT. Professors of the chemical department are also eligible for honorary chapter membership.

A joint meeting of chemical students at Armour and Lewis is to be held in the Student Union on the Armour campus on Feb. 26, 1941. This meeting is sponsored by the Alpha Psi Chapter of Alpha Chi Sigma, professional chemical society.

*"Of course I know your voice!"*

"Of course" pays an unconscious tribute to Western Electric, maker of Bell Telephones. It means that all the equipment used in the connection is made so skillfully that it transmits the familiar tones and inflections. As manufacturer for the Bell System, Western Electric makes some 43,000 different items of telephone apparatus. As purchaser for the System, it buys raw materials and supplies from all over the globe. As distributor, it sees that all these things are available where and when needed. This helps to give you the world's finest telephone service.

**Western Electric**  
 ... is back of your Bell Telephone service

## LEARN TO TANGO WALTZ AND JIVE; JOIN DANCE CLUB

Can you swing it? If you want to learn how to trip the "light fantastic", join the Dance Club. There will be a meeting tomorrow at 5 p.m. in the Armour Auditorium.

Dan Stone will teach you how to avoid being a wallflower. But if you are a jitterbug, or are a dancer of advanced standing, you will be able to perfect your dancing by attending the club meetings.

The membership fee is a quarter, and for that small amount you can learn anything from two-step to rhumba. At intervals of three or four weeks the club will put on inexpensive socials which will probably be held on Friday nights. The date for the first social will be fixed at the next meeting.

So, don't forget, come down to the Armour Auditorium tomorrow at 5 o'clock.

## DELTA CHAPTER OF H.K.N. MOST ACTIVE GROUP

Illinois Tech Delta chapter has received the achievement trophy of Eta Kappa Nu, national honorary electrical engineering fraternity. A year of close cooperation in alumni and campus activities has resulted in the selection of the Illinois Tech group for this distinction. Formal presentation of the award was made at a banquet held in the main dining room of the Central Y.M.C.A. Graduate and undergraduate members of the fraternity were present to witness the ceremonies. Dr. Leland Spangler, representing the national chapter, was present to transfer the handsome silver trophy to the hands of James D. Brown, Delta president acting for his chapter in receiving the award.

Speaker of the evening was Mr. Herbert Von Gehr. Mr. Von Gehr is a graduate of Armour Institute, class of 1928, and a member of Eta Kappa Nu. As a successful patent attorney, Mr. Von Gehr spoke with considerable authority on "International Developments and Their Effects on International Patents". The timeliness of Mr. Von Gehr's remarks made the subject one of extreme interest to those attending.

## LEWIS CHEMICALS VOTED TO SOCIETY

New members of the Lewis Chemical Society were selected at the last meeting of the organization on February 20. The Chemistry students so honored are Lorna Boone, Frank Toth, Joseph Demb, and Ernest Lilek. Three other students who have proved themselves worthy of the honor but who are not able to attend meetings were given the status of associate members. These students are Kenneth Calhoun, Walden McElroy, and Emanuel Green.

It is expected that the journal of the Chemical Society will be ready for publication by the end of the quarter. The journal will include suggested improvements in laboratory technique, methods of studying chemistry, simplification of chemical systems, and, in general, any helpful hints that will clear up the complex maze in which beginning chemistry students find themselves.

The next meeting will be a seminar at which Professor Supple will talk on Waxes. This will be an open meeting.

## Combating Crimes With Radio Subject Of AIEE Lecture

Guest speaker at the last meeting of the A.I.E.E. was Paul G. Andres, assistant professor of electrical engineering. The meeting was held last Friday morning and was presided over by student chairman Ben R. Cole.

The subject of the professor's talk was: "The Use of Radio in Combating Crime" and was mainly concerned with the establishment of a police radio system in the State of Indiana. Professor Andres did much field research work in determining the proper location and size of the radio stations. The first station was located at Indianapolis and cost approximately \$5800, the transmitter being a \$15,000 affair purchased from a radio station that was no longer in operation. The system was completed in one and one-half years and cost about \$36,500. Sharing the cost of the enterprise were various businessmen's organizations and the state government.

The final system consists of a network of five stations cooperating with police radio stations of Ohio, Michigan, and Illinois. The personnel of the system has a communications officer in charge of the entire system and a supervisor in charge of each of the three sections into which the State was divided. Under each communications officer is a chief engineer.

## Armour Eye—

(continued from page one)

in "minnie" enlarges—and a large 5x7 inch Elwood studio "blower-upper". An abundance of lights is always ready for use, as is a rapid electric print dryer and all of the more common facilities for taking, developing and printing.

## Mr. Fodor Gives Theta Xi Brothers Lowdown On The News Behind The News At Banquet In Cafeteria

Seldom is it possible to hear an analytical discussion of current events by an eyewitness of the situation in Europe. Brothers of the Theta Xi fraternity had this privilege last week when M. W. Fodor of the faculty spoke at a banquet in the cafeteria.

At the conclusion of the meeting, Mr. Cole, the toastmaster, introduced the after-dinner speakers. Mr. Fodor was then introduced by Art Jens, who gave a short biographical sketch of the eminent writer's life. After completing his post-graduate work in Germany and Switzerland, Mr. Fodor became assistant manager of the melting department of a large steel mill in England. This engineering background accounts for the development of Mr. Fodor's concise reasoning; and much as an engineer would solve a problem, he untangles and interprets the news. This sharp logical analysis was again displayed by Mr. Fodor when he talked to the members of Theta Xi.

What is the system behind the news headlines? One day you read that Germany is trying to invade England. Churchill calls for help. A few days later you read about Italian defeats. British troops move into Somaliland; Italian Libya is attacked by British desert forces; Britain breaks with Rumania; what does all this confusing maze of news mean?

Germany has had two very decided advantages over England. First, the Germans are fresh from the offensive; theirs has been the initiative. Secondly, they are in a central location which permits

## HYDE PARK LIONS CLUB TO HEAR DR. GRINTER FEB. 25

Dr. L. E. Grinter, vice-president of Illinois Institute of Technology and dean of the graduate division, will speak before the Hyde Park Lions Club at their weekly meeting on February 25, 1941. The subject of Dr. Grinter's talk will be the relationship between technological schools and the national defense program. He will base his speech on the program of The Emergency Defense Training now going on at IIT. The meeting will begin at 1:00 P.M. at the Hyde Park Y.M.C.A., 1400 East 53rd Street.

The national defense program has resulted in a serious shortage of skilled labor. This was caused by low industrial production during the years of depression. According to Dr. Grinter, it is now up to the American technical schools to train the necessary men. The strides forward which have been made in a comparatively short time in this respect is one of the most amazing chapters in the history of American industry.

Dr. Grinter, an outstanding contributor to the field of structural engineering, was educated at the University of Kansas and the University of Illinois. He was Professor of Structural Engineering at Texas A. and M. College from 1928 to 1937. In 1937 he came to Armour as the director of the department of civil engineering and dean of the graduate division. Under his leadership, the graduate school of Illinois Tech has had rapid development.

Dr. Grinter has written a series of textbooks and many technical papers. He has been an officer of many national and local engineering societies.

## Spears Talks On Reactions Of Autoists To Color At Traffic Control Conference

What have truck drivers and bulls, the animal variety, in common? This plus more weighty matter constituted the talk of Professor Sholto M. Spears, associate professor of civil engineering at the Mississippi Valley Conference of State Highway Departments. Five hundred members of this worthy organization heard his talk, "The

Human Factor in Highway Design and Traffic Control," Thursday, January 30, at the Stevens Hotel. The formal study of this question is completely new for highway engineers.

Colors have important effects upon the motoring public. It has been found that white concrete attracts the heaviest traffic, and black pavement repels traffic. As for our truck drivers, it has been shown that they are very susceptible in the positive way to red. With these considerations in mind, professor Spears pointed out that for the most efficient highway color scheme the outer lane should be white, the central passing lane should be black, and the lane for slow moving transport vehicles should be red. An important fact to remember when the next traffic officer overhauls you is that the speedometers in most vehicles are inaccurate. It is characteristic of most automobile drivers to judge their speed mainly by the noise of their own automobile. However after considerable travel one may easily underestimate one's speed.

Professor Spears also pointed out that "slight power applications on a curve assists in reducing the skidding tendency." The effect of centrifugal force on automobiles is not confined only to the horizontal plane. Automobiles crossing sharp road summits often tend to emulate airplanes by taking off. Many overpasses have been built which create this unusual effect at ordinary highway speeds. Professor Spears also said "an interesting human trait is the tendency to continue any activity once it is instituted." It can readily be seen that such a trait will tend to bring more traffic woes to those who do not combat it.

## SENIOR CHEMICALS SEE RUBBER PLANT

In order to present the senior chemical engineering students with some idea of the various processes and methods of the industrial manufacturers in the Chicago area, the students are given plants of various companies. Last Tuesday the students, accompanied by their instructors, Dr. F. C. Kintner and Dr. R. E. Peck, were taken through the Dryden Rubber Co., Chicago, Ill.

These students have been studying the various divisions of chemistry in the classroom, but they possess little knowledge of the manner in which the various phases of chemistry are co-ordinated to form an industrial plant. In a plant, the student is given an opportunity to actually see how each of the specific divisions of chemistry are utilized in various manufacturing processes.

These visits, which usually last about three or four hours, are arranged by Dr. H. R. McCormack with the cordial co-operation of the companies, who make this contribution to the education of the chemical engineering student. A series of visits, extending throughout the semester are planned for the students.

## SR. E.E.'s Visit Lighting Institute

As part of Professor Freeman's E.E. 413 (industrial studies) course, the senior electricals visited The Chicago Lighting Institute last Tuesday. The Lighting Institute, sponsored by manufacturers of lighting equipment, acts as a medium between the manufacturer and the customer to promote modern lighting. Through research and design, the institute is ever discovering new applications for new products.

The evolution of the electric light from the first lamp of Edison to the newest fluorescent type was vividly portrayed in rapid moving sequence. The difficulties and problems along the way were stressed, and the solutions of many of these were illustrated. Unusual phenomena were shown to occur in several of the latest type lights. Corn was popped on a celluloid plate by means of infrared light, while the plate remained at room temperature.

The subject of fluorescent lighting was one of the most interesting features of the visit. Several rooms were equipped with various forms of direct and indirect lighting. The fluorescent light was shown to be remarkably superior to the incandescent light on almost all points of comparison.

quick troop movements. England on the other hand, has to maintain a large standing army. Of necessity troops must be deployed so that all important points may be constantly guarded, for they can never know where the enemy will strike next. During the first fourteen months of this war, England had to do what Germany forced them to do, but in November of last year the Germans lost their initiative, and they are, according to Mr. Fodor, trying to regain that initiative by means of propaganda. That is where the headlines come in.

Mr. Fodor thinks it highly probable that Germany will attack England with the intent of actual land conquest during this season. However, an attack may soon be made for the purpose of testing the effectiveness of English defenses. At the same time it will serve to confuse the world still more, which is just the thing that the Nazis want to do. "Rehearsals" such as this have preceded the attack of Belgium, Holland, Poland, and other countries now under the iron rule of Nazi domination.

The raw material situation in Germany and Italy is such that Mr. Fodor thinks they will be able to get along fairly well for quite a while. There will only be a shortage of gasoline and crude oil by spring. The Rumanian oil fields are in a very poor condition, and it will probably take at least three months before the output of 45 million barrels per year is reached again. Of this oil Hitler has promised to give one-half to Benito's Navy. Of course, the transport of oil from Rumania to

Italy passes over mountains, and by the time the production is stepped up the Italians might not need it anymore. Since the Germans had a very large loot of gasoline from France to compensate for the shortage the situation is not yet very serious for the Nazis. Mr. Fodor estimates that when France fell, about 50 million barrels of gasoline fell into the hands of the Germans, but this supply will probably be used up very soon.

Mr. Fodor then discussed the strategy of the Nazis and how they hope to win countries by the "War of Nerves," which is called bluff in the English language. Strong nations such as Germany can get away with it, but when a weak nation tries it, it may backfire.

In Europe, all foreign news agencies are generally located in one building, and exchange of news is inevitable. It is thus very easy to spread false information by telling an agent of one agency a "secret" which is then spread all over the world. In closing, Mr. Fodor reminded his audience to think about the origin of the headlines when they pick up a newspaper.

In the open discussion following the talk, the veiled position of the Kremlin was brought up. The speaker pointed out that Russia would like to see Germany and England bleed to death, and therefore she will shift her support to the side they think the weaker, but at the same time they will try to avoid active participation in the war if possible.

## TECHNOLOGY NEWS

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FEBRUARY 25, 1941

## TECHNOLOGY CENTER . . .

Up to the present time, Technology News did not deem it necessary to comment editorially on the new Technology Center expansion plan. The fact that this publication gave to its readers in detail the complete, unadulterated story of the plan in its news columns and also allowed the students to express their opinions of the plan on these same pages seemed in itself sufficient to satisfy the students' lust for proof of the feasibility of the plan.

The plan's value to those who will attend the school in future years cannot be questioned, and this was immediately realized by virtually everyone who read of it in this and other publications. There was no doubt that the new school plant in combination with the present distinguished faculty group would easily out-run other schools of the same nature in the eternal race for greater recognition in industry. On reading of the plan, the average student thought "the plan will certainly be beneficial to students attending Illinois Institute in the future, but what good will it do me?"

The answer to this question may be easily seen. No one can doubt that the expansion plan has opened the eyes of industry to the fact that Illinois Institute is about to become perhaps the greatest technological institution of learning in the country. In the minds of the captains of industry, the fact that we have the largest undergraduate engineering enrollment and one of the largest graduate enrollments in the country is quickly being associated with the idea of the expansion plan. This correlation has had such an effect that if the prestige of this school in industry is not now at a higher level than that of any other technological school in the country, it soon will be.

It naturally follows that, as the prestige of a school becomes greater in industry, the chances for its graduates to obtain positions become much greater. If an employer is in need of an engineer, he will invariably hire the applicant who has graduated from the most reputable school.

Thus it is seen that the new Technology Center expansion plan will immensely aid all students attending Illinois Tech—whether they are now attending or will attend in future years.

## DEAR FRESHMEN . . .

Some of us never learn. The temptation to pass on to others advice based on the experiences of those who have gone before is a sinister thing, and there should be a law against it. But, unfortunately, there isn't, and, since we are little more than human, the subtle urge has had little trouble in getting hold of us, especially after the numbing effects of the latest cold wave. With pen in hand, then, we labor to prepare you for the cunning pitfalls and illusions of life and, in particular, those that are likely to sneak up and slug you on the head during your stay at college. First, let us consider the disillusionment which you are almost certain to suffer at the termination of this the last stage of your formal education. It will probably be a miserable few weeks before you recover from the maddening discovery that what you've acquired in the past few years is only an atom of learning in a vast universe of knowledge, and that, if you would still choose to add your substantial amount to man's understanding of his surroundings, your real education has but barely commenced. Of course, there will be a few of you satisfied that you know pretty much. Probably all of you are now, but freshmen can't be blamed for that. The seniors were that way three years ago, bless their little hearts. But we pray that the majority of you, those who will have realized their limitations, will be prepared to withstand the onslaught of hopeless feelings and take unhesitatingly the first step toward the accumulation of this vast additional store of knowledge. As you progress, you will find suddenly the strange joy of creative effort, regardless of what field it may be in, that transcends any exultation you ever experienced from an A in calculus or home economics.

Strangely enough, you will find that the days of college learning bore not the fruit of a way of easy conquest of the world beyond, but of a way of thinking that will protect you from the mad folly of a world gone mad with hatred and envy. Strange words these, bitter perhaps, but it had better soon be recognized that your age of innocence, sophisticated and base as some of you may think yourselves, ends with the last gay fling at the graduation ball. You, dear children, will be a part of a strange new era, perhaps a different type of civilization requiring as never before minds cultivated such as yours have been.

## RESEARCH FOUNDATION

For the first time in any publication, Technology News is presenting a series of articles describing in simple language the set up of the Armour Research Foundation, one of the nation's largest independent research centers. Conceived to acquaint students of IIT with the behind-the-scenes activity of the Foundation's laboratories and the vital service they are performing for countless industrial firms, the first in this series of articles appears below:

Busy men in uniform laboratory coats shuttle back and forth between Research Building and Experimental Engineering Building. Strange devices are hustled across the campus on little four-wheeled dollies. Truckloads of industrial machinery are unloaded. Fluorescent lights burn all night long, and now and then windows reflect the weird blue glare of the electric-welding arc. Just exactly what goes on?

First a little history. In September 1936 the Armour Research Foundation—then under the long name of The Research Foundation of Armour Institute of Technology—was organized as a not-for-profit institution to render a research and experimental service to industry. No enormous endowment attended its birth. It simply started to work on a number of research problems for certain progressive industrial concerns. The problems were solved, and more came in. The Foundation grew.

In the very beginning the Research Foundation had to use its small scientific staff for nearly everything. When a machine needed repairs Dr. Poulter went to work with a welding torch. When a path to the front door was wanted, the staff merely invented a better mousetrap.

The Armour Research Foundation consists of more than sixty industrially-minded research men trained in the various fields of engineering and science, together with four buildings full of laboratories, pilot plants and shops in which these men work to develop new processes, methods and machines for industry. Although affiliated and working closely with Illinois Institute of Technology, the Research Foundation is actually a separate corporation with its own board of directors, officers and staff. This arrangement permits such advantages as confidential research reports and the assignment of patents to sponsoring companies.

To date nearly a thousand companies, individuals and associations of manufacturers have used the services of the Research Foundation. The work, coordinated by Harold Vagtborg, director, and Dr. Thomas C. Poulter, scientific director, is organized into seven divisions, each with its division director, staff and facilities. A description of these divisions will follow in succeeding issues.

## QUOTE &amp; UNQUOTE

## HOW ABOUT IT ARMOUR?

In the last issue of the Technology News there appeared an article concerning class jewelry. We would like to correct it as follows: The jewelry mentioned was conceived only by the Armour committee; the Lewis jewelry committee was not invited to participate in the selection of class jewelry. Therefore, the Armour selected jewelry cannot be considered as the "official" jewelry of IIT.

In keeping with a previous agreement made with the Armour committee head, Lewis has had, since the first of the year, the class jewelry for June 1941, and almost the entire senior class is either wearing its keys or rings, or have them on order.

Now, we ask you, is it fair to us, the Lewis jewelry committee, after trying wholeheartedly to get the cooperation of the Armour committee, to have them practically tell us to our faces that our jewelry is obsolete; that it has no meaning what-so-ever? Is it fair to those who have invested their money in this jewelry, believing they were purchasing something which is representative of IIT? Speaking of IIT, we would like to ask the gentlemen of Armour this question: "Who was the originator of having "Illinois Institute of Technology" outstanding in the jewelry instead of the individual school's name being prominent with only a small "IIT?" The Lewis Committee!

Another thing that seemed to be quite mysterious to us is the seal of IIT. When we asked for it so that it may be made a part of the design on the key or ring, we received answers (even from the school office) such as this, "I don't know anything about it", time and again. Now that Armour has its jewelry selected, it seems to have even the "official" seal on their accepted and approved design making it "official", jewelry.

It is a great disappointment to us, and the students of Lewis, to find such lack of cooperation from the Southside campus.

We would like, in conclusion, to quote President Heald as saying, "There is no official jewelry for Illinois Institute of Technology".

Lewis Jewelry Committee

## CIVIL SERVICE EXAMINATIONS FOR ENGINEERS

Civil service examinations are being offered by the government to young men and women who have completed a four year course in a recognized college or university. These examinations are for positions in engineering, business, radio, public health nursing, and home economics departments.

Salaries in the engineering branch range from \$2000 a year for a junior engineer, to \$4600 for senior civil engineers. There are many positions open for aeronautical engineers. For dieticians and other home economics specialists there are openings in senior and associate home economics departments with salaries ranging from \$3200 to \$4600 a year. Students of marketing may apply for positions as marketing specialists with a salary of \$3800 a year.

Those who wish complete information about these examinations may inquire of Miss Cadigan at the information desk in room 215 at Lewis.

## HOW ABOUT IT LEWIS?

Significance of the term participation can only be realized when there is a true understanding of the term democracy as it applies to student government. Only after deep and intensive cogitation, your correspondent brought himself to put his true feelings on paper. It seems that the students at Lewis are afflicted with a rare disease called "non-participationitis" and a diagnosis must be made as to the cause.

Usually the attempt to discover the symptoms is the first step in a diagnosis. How these symptoms manifest themselves and the changes they bring about in the organism is the second step. The symptoms in this case are: non-attendance at class meetings, and the attitudes of "I don't care", "or little me doesn't count" and "they wouldn't listen to me."

When the Lewis students are called to the task and asked to join in the democratic way of life by expressing their ideas on student government and school problems, they seem to suffer from that terrible malady of "non-participationitis." And after measures have been taken, they come around and ask, "Why didn't you consult me?"

This is, my friends, a picture of the situation at Lewis. You are as much responsible for what goes on at this school as administrative heads. They have granted you the privilege of holding class meetings during scheduled time, to prevent remaining after regular class period. But where are you? Yes, that's right—you are made conspicuous by your absence. You, and only you, are responsible for what goes on in this institution dedicated to the purpose of higher learning. When are the students of this school going to wake up to the fact that if they do not participate now, they will regret it later on?

This article is the first in a series on student participation, and as a test of the democratic procedure, why not answer this article?

Saul Benjamin Cohen.

## Lewis Players Plan Modern Comedy For Production In April

Two plays are under the consideration of the Lewis Players for their spring production. Either Jane Austen's *Pride and Prejudice*, or Philip Barry's *Spring Dance* will be chosen for presentation early in April.

Helen Jerome, well known in literary circles, has rewritten *Pride and Prejudice* for the stage. Regardless of the play chosen, the group intends to add original creative touches in the form of substitution of lines.

One of the determining factors in the Players' selection of the next presentation is the size of the cast it will require. The group is composed of about thirty members and according to Mrs. Olive Pierce Hazel, director, unusual talent is available. The modern tendency in college dramatics has been to lay too much stress upon the adolescent type of comedies. For that reason, the Lewis Players feel especially confident that the type of play written either by Austen or Barry will be enthusiastically received.

# Cagers End 1940-41 Season With Five Victories Against Ten Losses

## Tech Five Triumphs Over Elmhurst 45-33

Having previously beaten the Bluejays of Elmhurst and seeking to repeat their early season victory, the Techawks traveled to the suburban town last Tuesday evening and came out victorious in their cage encounter by a score of 45-33. The win was the fifth of the year for Illinois Tech.

Tech took the lead early in the first half, scoring eight points in the first five minutes. However, the Bluejay's star, Harm, took matters into his own hands and at half time Illinois Tech had been held to a 16-14 lead.

### Remie Gives Inspiration

Receiving inspiration from Coach Remie Meyer, the Techmen went into the second frame with sizzling energy and the Techhawk lead was increased with the help of Howie Pendlebury and Jack Byrne. The final tabulation showed IIT with a total of forty-five points and Elmhurst thirty-three counters.

### Pendlebury Stars

Howie Pendlebury took scoring honors for Tech's scarlet and gray five. Seventeen points were marked up for the Tech forward during the course of the evening.

ELMHURST		ILLINOIS TECH	
B	F	B	F
Ahl.f	3 0 2	Pendlebury.f	7 3 2
Grunwald.f	0 0 0	Sieg.f	6 0 1
McKinley.f	0 2 2	Neuhaus.f	1 1 0
VanVoorst.f	0 0 1	Newell.f	0 0 2
Hakewill.c	2 4 3	LaGodney.c	1 2 0
Scott.c	0 0 0	Futterer.c	0 0 1
Harm.g	6 3 4	Bergstrom.c	0 0 0
Rasche.g	1 0 0	Sliwa.g	4 2 3
Greene.g	0 0 1	Brierley.g	0 0 0
Hoefer.g	0 0 0	Byrne.g	4 0 2
		Carey.g	1 1 0
		Meehan.g	0 0 1
		Galandak.g	0 0 0
			18 9 12

## Final Game Won By North Central 85-28

*Editors note: This article and most of the basketball game coverages during the past semester have been written by John Brierley, Senior member of the Techhawk cage squad. We took it upon ourselves to allow John and also Hank Sliwa to write stories under their own by-line for this basketball issue, the last of the current semester.*

We further urge that a much larger proportion of student body participate in the various athletic endeavors at Illinois Tech and help to widen the school spirit program instigated by this publication in cooperation with the faculty and students.

### By John Brierley

Illinois Tech's last official game of the 1940-41 season was played at Naperville, Illinois last Wednesday evening against North Central. The Cardinals staged a high-voltage scoring show, which netted them a total of 85 points during the game, whereas IIT collected only 28.

In the first half North Central jumped to an early lead with Breckheisen leading the attack. First half scoring for the Techawks was spread out among the team players. At the end of this session the North Central quintet had garnered 43 tallies against 15 for Illinois Tech.

### Byrne Leads Tech Scoring

With the blowing of the whistle to start the second half the Cardinals continued on their scoring spree. Their attack on the IIT basket netted them forty-two points to Tech's thirteen for the half, the game finally ending with Tech on the short end of an 85 to 28 score.

### Farewell—Brierley, Sliwa

Playing their last game for the Illinois Tech quintet were Captain

FINAL CAGE SCORING RECORDS						
Player	Games	FG*	FT*	F*	FTM*	TP*
Byrne	15	41	22	20	20	104
Pendlebury	15	38	25	26	16	101
LaGodney	15	29	22	25	20	80
Sliwa	13	28	15	24	15	71
Neuhaus	15	14	4	10	4	32
Carey	15	11	5	22	5	27
Sieg	15	9	8	12	9	26
Brierley	15	10	5	11	1	25
Schmidt	5	5	6	5	2	16
Futterer	13	5	5	10	1	15
Newell	13	3	2	7	1	8
Galandek	12	2	2	5	0	6
Bergstrom	9	1	2	0	0	4
Clark	1	1	1	0	0	3
Meehan	2	0	0	1	0	0
<b>TOTAL</b>	<b>15</b>	<b>196</b>	<b>124</b>	<b>178</b>	<b>94</b>	<b>538</b>

\*FG means Field Goals; FT, Free Throws; F, Fouls; FTM, Free Throws Missed; and TP, Total Points.

## WILSON DEFEATS TECH TRACKSTERS IN DUAL CONTEST

In the second dual meet of the indoor season the Illinois Tech track squad lost by a 49-32 margin to the Wilson Junior College team. The Techawks could score but two firsts and a tie for first against the perennial State Junior College Champs. The meet, held at U. of C. fieldhouse last Thursday afternoon, saw Bledsoe, versatile negro Wilson athlete, take scoring honors with a double win in the hurdle and first in the high jump.

Led by Taylor, dusky sprint champ of the Armour Tech relays of last year, the Wilson sprinters swept the 60-yard dash. But McCullough, Heidenrich and Barnet did likewise in the pole vault for IIT team.

### Osborne Stars Again

Freshman Bob Osborne led Matthews by a step to a win in the 440 in the surprisingly good time of 53.6. McCullough battled McKeon of Wilson for the entire race in the half mile only to have the race declared a dead heat. Hurdlers Barry and Keigher couldn't match strides with long-legged Bledsoe in the hurdles and had to be satisfied with second and third.

Johnston another freshman showed great stamina in the mile as did his classmate Ratner the in the half mile event.

### Teams Lack Men

Performances of the IIT team were much improved over those of the North Central meet of a week ago. But there still remains a woeful lack of shot-putters and sprinters as well as a general scarcity of competitors in all events. However, from all indications the Scarlet and Grey should break into the win column Wednesday afternoon when they take on Chicago Teachers College at U. of C. fieldhouse.

## 'Doc' Keeps Buddeke From Golden Gloves

Because of a leg injury received in a previous bout, Ivo Buddeke was not permitted to continue his boxing as the North Section champion in the Golden Gloves tournament. His pleas for another bout didn't change the examining physician's verdict.

Manny Ellis lost his bout on a very close decision to the man who later became the champion of that weight division. Because of the quality of his fighting there is a strong possibility that he will be entered in the National Intercollegiate Boxing Tournament in the spring as Illinois Tech's representative.

## TECH SHORTS

Tech's Ivo Buddeke and Manny Ellis looked great in the Golden Gloves tourney and advanced surprisingly far. Tough luck in the form of an injury forced Ivo from continuing on in his contests and Manny was eliminated by a fighter who went on to a section championship. We can keep an eye on these two punchers.

It seems that Professor Shuman's highway class interferes with the bowling parties being held by the Junior Civils. A protest is forthcoming from all parties concerned. Those Jr. Civils are roaring through the intramural bowling tourney like a west-bound special.

This week should see the end of the ping-pong tournament in Illinois Tech's intramurals. Any man can win in the singles bracket and the doubles contests should provide competition worthy of the prizes to be awarded.

IIT'S SPLASHERS HAVE DROPPED MEETS TO CHICAGO TEACHER'S COLLEGE AND TO NORTH CENTRAL. THE TECH SWIMMERS JOURNEYED TO MARYVILLE, TENNESSEE LAST WEEKEND BUT RESULTS OF THE MEET WERE NOT IN HAND AT THIS WRITING.

You fellows had better start hunting for those baseball gloves and bats. The big leagues are already starting training and who are we to let a little cold weather stop us from being big leaguers (even if the Cubs are in California and we're in zero climate).

### Swim Schedule

- March 1—7:30 DePauw, there
- March 8—2:30 Ill.-Wesleyan, here
- March 14—4:30 Beloit, here
- March 15—7:30 DePauw, here

Rumors have it that the Lewis Frosh cagers, who have rung up a steady stream of victories, will soon invade the Armour campus to set back a few of the south-side basketball squads.

Tennis manager Art Hauswald announces a terrific tennis schedule for the ensuing season. The boys will lpay as many as five meets in one week, which should be more than enough for anyone.

On Friday, February 28, at 10 a.m. a meeting of all prospective members of the Illinois Tech's rifle club will be held on the range, second entrance Physics. All those interested are cordially invited.

## Annual Running Of Illinois Tech Relays March 15

Illinois Tech's major athletic event of the spring semester will be the "Illinois Tech Relays" to be run on March 15. This year the "Armour Tech Relays" will be sponsored by the Illinois Institute of Technology and hereafter will be known under their new name. The usual excellent location is the University of Chicago fieldhouse.

Last week the invitations for the meet were sent to over 50 schools over the whole country. So far no answers have been received but they will start to come in later this week. The preliminary announcements were sent out in December and the announcements that were sent out last week were the follow ups of this preliminary.

This is the 13th year that the Relays have been sponsored by Armour and as usual it will be a gala occasion of the sports world at IIT. The committee in charge this year will be George S. Allison, Norman R. Root, John J. Schommer, and Alexander Schreiber. Dr. Monilau, of the Highland camp for boys at Plumb Lake, Wisconsin, will be the referee and starter. Next week his staff of 80 men, who will serve as officials and attendants, will be chosen.

### Schools Classified

The events are divided into three sections. The first two of these consist of seven events divided into University and College entries. These seven events one mile relay, two mile relay, Sprint medley, 70 yard low hurdles, 70 yard high hurdles, and 440 yard run. The third section is the open section. The events in this are the one mile run, 880 yard run, high jump, pole vault, and shot put. The preliminary events will start at 3 o'clock in the afternoon and the finals will start at seven in the evening.

This year some of the seats will be set aside as reserved seats. The price will be announced later. All Illinois Institute passes will be honored with a slight extra charge for the reserved seats.

### Special Events

Besides the events announced above there probably will be several special events to be announced later. Some of the schools tentatively expected to enter are Chicago, Northwestern, North Central, Marquette, Michigan, Iowa State Teachers, and Kansas. Besides these tentative entries there are hoped to be several entries from the west and the east coasts. Last year over 550 athletes from 42 schools competed and this number is expected to be excelled this year.

## SWIMMING TEAM TRAVELS SOUTH TO TENNESSEE

Last weekend the Illinois Tech swimming team hit the trail for the warmer climes, namely, Maryville, Tennessee where they met the Maryville College squad in a dual contest.

This meet marked the reappearance of Karl Koos, ace of the Techhawk breast-stroke staff who had been confined to a hospital bed since the early part of the season. Though badly out of condition, Karl has regained enough of his old form to bolster the medley relay team in addition to evening things up in the breaststroke event. However, the Techhawk squad suffered the loss of their other topnotch breaststroker, Victor Svagdis, who has been dropped from the squad due to scholastic deficiencies.

## SEVEN LETTERMEN REPORT FOR 1941 BASEBALL SEASON

Last Thursday afternoon sixty-odd men turned out for the second baseball meeting of the 1941 season. Among them were seven lettermen returning from last year's Techhawk nine. This was one of the finest turnouts in recent years, and should give Sonny Weissman a swell choice of material in his first season as baseball coach at IIT.

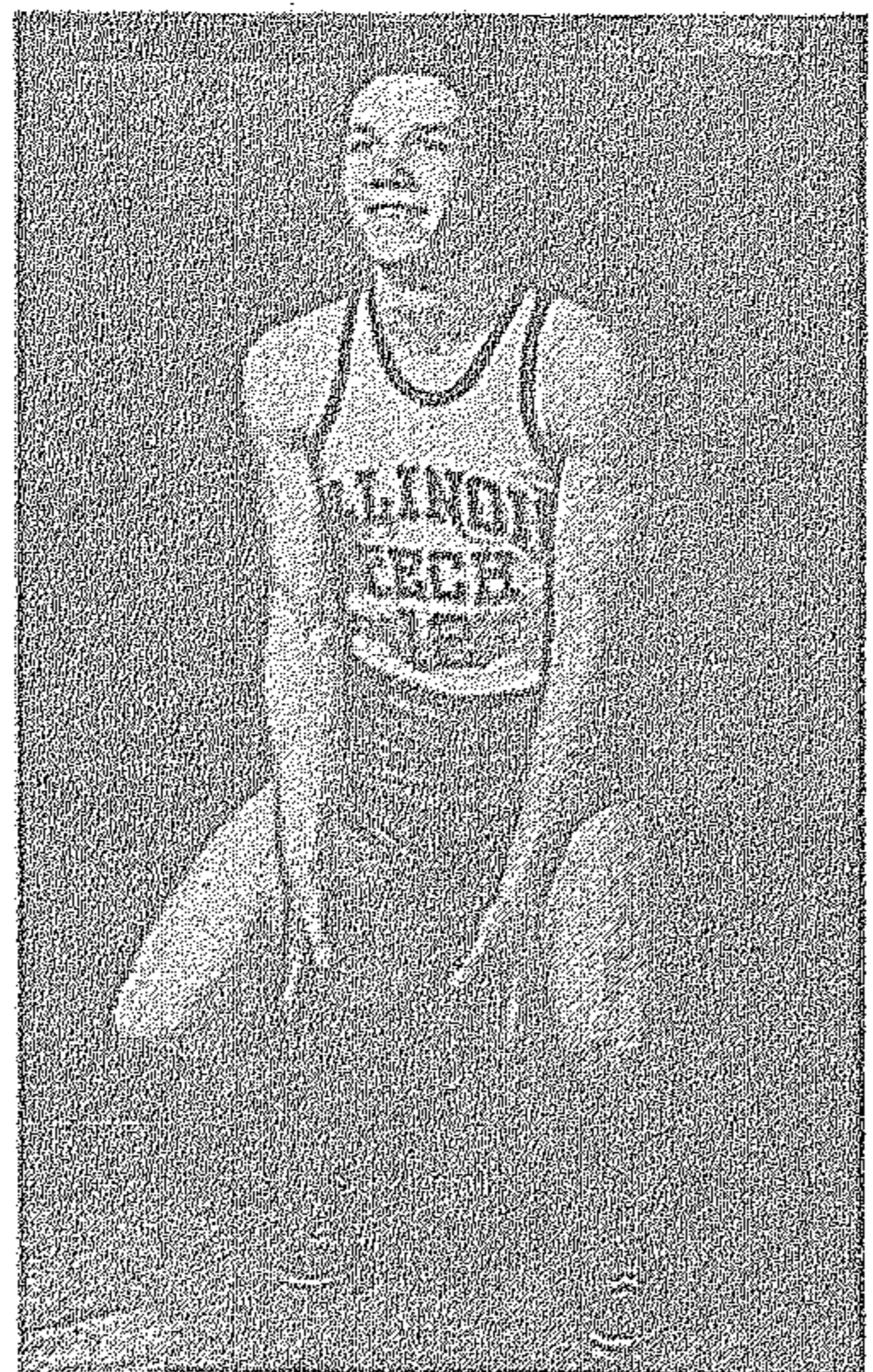
### Team Needs Managers

Coach Sonny Weissman is sending out a call for two assistant managers, one of whom must be a Sophomore, and the other must be a Junior. One of these men will become manager of the team next season.

A spring training program has been outlined, by Coach Weissman, for the Techhawk nine, and at present the Techmen will practice in the gym daily from 12 to 1, and from 5 to 6 on Monday and Wednesday.

### Tech in Conference

Illinois Tech is now a member of the Northern Illinois College conference and the conference schedule includes two games each with Wheaton College, North Central College, Elmhurst, and Concordia of River Forest. Besides the light conference games, non-conference contests will be played with Lake Forest, Chicago Teachers, U. of C., Lawrence Tech, Michigan State, Dekalb, and Augustana, to round out a seventeen game schedule.

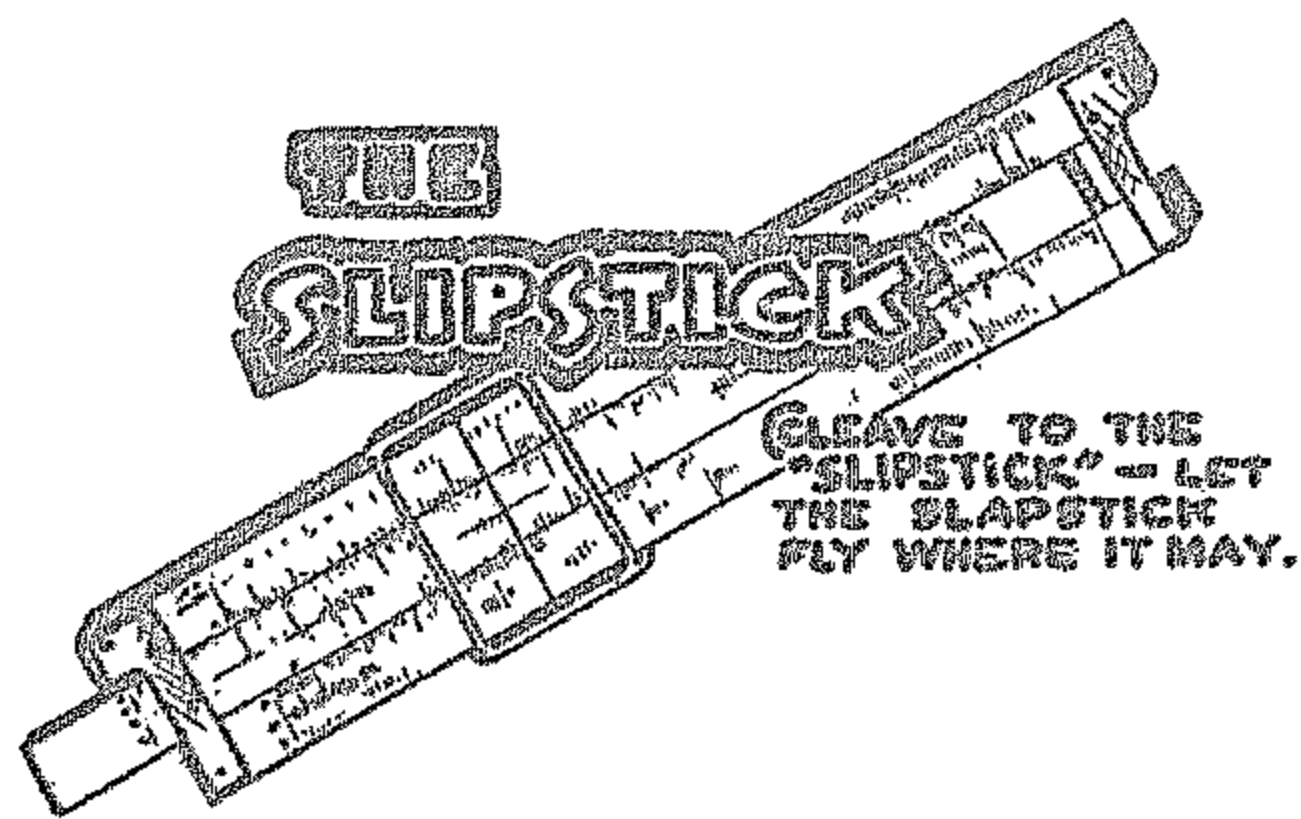


Staff Photo by Anderson

John Brierley keeps a smiling face as he leaves Tech's basketball squad, having been a steady performer throughout this and past seasons.

Hank Sliwa and John Brierley. Both men played well though for a losing cause. Amongst the rooters were Bill Scherer, last year's captain, and Frank Lasker, manager of last season's five.

NORTH CENTRAL			ILLINOIS TECH		
B	F	P	B	F	P
Breckheisen.f	6 3 1	Pendlebury.f	1 2 1		
Faust.f	1 1 0	Newell.g	0 1 2		
Shatzer.f	5 2 0	Neuhaus.f	0 0 1		
Jensen.f	0 0 1	Brierley.f	1 0 0		
Butes.c	5 4 2	LaGodney.c	1 0 4		
Wadsworth.c	1 5 1	Futterer.c	0 0 3		
Umbreit.g	2 0 2	Sliwa.g	2 0 1		
Anderson.g	2 0 1	Galandak.g	0 1 1		
Bettinger.g	7 0 2	Byrne.g	2 1 2		
Smith.c	4 1 2	Carey.g	0 1 2		
Norvutty.g	1 0 1	Sieg.f	1 2 2		
Lester.g	0 1 0	Meehan.g	0 0 0		
		Clark.g	0 1 0		
		Bergstrom.c	1 1 0		
			9 10 10		



With a gol and a ding, a yip and a yipe, looky what's a comin' The JUNIOR FORMAL, that unparagoned, eximious creme de la creme of all dances, it is.

"I couldn't sleep a wink on the train last night."

"How come?"

"There was a midget in the berth above and he kept pacing back and forth all the time."

A cute little doll from St. Paul Wore a "newspaper dress" to a ball Her dress caught on fire And burned her entire Sport page, comic section and all.

"Doctor, is there anything wrong with me?"

"Yes, miss, but it's trifling."

"Oh, I don't think that's so very wrong, do you?"

An optimistic old maid is a gal who believes right to the end that some night a Prince Charming will come in and rouse her.

"Mary, have you ever awakened in the morning with a grouch?"

"Gracious, Betty! You know that I'm not married."

Customer: "Have you frogs' legs?" Waitress: "No, you fresh thing, it's rheumatism that makes me walk like that."

Seaman Sam calls his baby a mathematician because: it divides his attention, subtracts from his pleasure, multiplies his worries and adds to his misery.

Typical Coed My saddle shoes are dirty, There's no powder on my nose, My permanent's gone with the summer, And my ruffled undies show.

My skirt's a bunchy pleated plaid, My sweater's long and baggy, I'm hollow-eyed from loss of sleep— Who said that I look haggly?

I pop my chewing gum in class; I have a cowboy walk; I turn handsprings on the campus. Oh! Boy! Do people talk?

There's just one blot upon this life Of comfort rest and ease— Why don't I date like other girls? Are boys just hard to please?

The height of absent-mindedness was recently reached by a burglar when he tried to steal some money out of a girl's stocking and then forgot what he went after.

Sally: "You know that doctor that just moved to town? I'm going to have him examine me."

Betty: "But you're perfect everywhere." Sally: "Sure, but does he know it?"

Boarding house lady—"Do you want a room?"

Student—"No, I just want to disguise myself as a banana and sleep in the fruit dish."

Just a Hint "Joyce turned off all the lamps 'cept one funny little green table light." "Then what happened, Milt?" "Well . . . I've driven automobiles too long not to know what a green light means."

Wife: Jack, dear, I hardly know how to tell you, but—soon—soon—there will be a third sharing our little love nest.

Hubby: My darling! Are you certain? Wife (murmuring): Positive. I had a letter from mother this afternoon which says she is coming to live with us next week.

That's all this week, but see you at the FORMAL. OH MIN!

# Other Campuses

Charles I. Ball

Someone in an Eastern college suggested that the tactful way for a father to inform his daughter's boy friend that it was time to depart was to casually walk through the room carrying a box of breakfast food.

The University of Minnesota now has 1,756 persons on its faculty.

Eastern New Mexico college students really get their money's worth out of the \$4.50 they pay for student activity fee. Besides admittance to all campus affairs the fee entitles the student to nine months of entertainment including operas, plays, concerts, teas, picnics, lectures, tickets to a downtown movie theater, and a subscription to the college newspaper.

Members of an advanced calculus class at Stout Institute recently voted to hold class at 7 o'clock in the morning to avoid conflict with other classes. The penalty for tardiness is a five cent fine which will go into a fund to be used for a class party at the end of the term.

A Harvard campus poll discovered that over sixty percent of the record purchases were classical music. The students preferred old-fashioned sentimentality and Spanish señoritas to the modern "hot mamas."

Upon being asked how she liked college, an Illinois State Normal university coed replied, "School is OK. It is a good way to kill time between week-ends."

(continued on page seven)

# Blitzkrieg!

Good evening, ladies and gentlemen: The mail man's unions shore must have suffered a relapse with all the valentines and saffron-colored slips being passed around.

Interesting little tid-bits from the Inter-Fraternity-Sorority dance: Si Froelich was guarding something at this super-soiree with a cannon. But just what, nobody knows. Your adoring public, glamor boy (?) Bob Weiss chose the same evening to celebrate his birthday. And boy, did he celebrate it. Yep, with all flavors of lipstick.

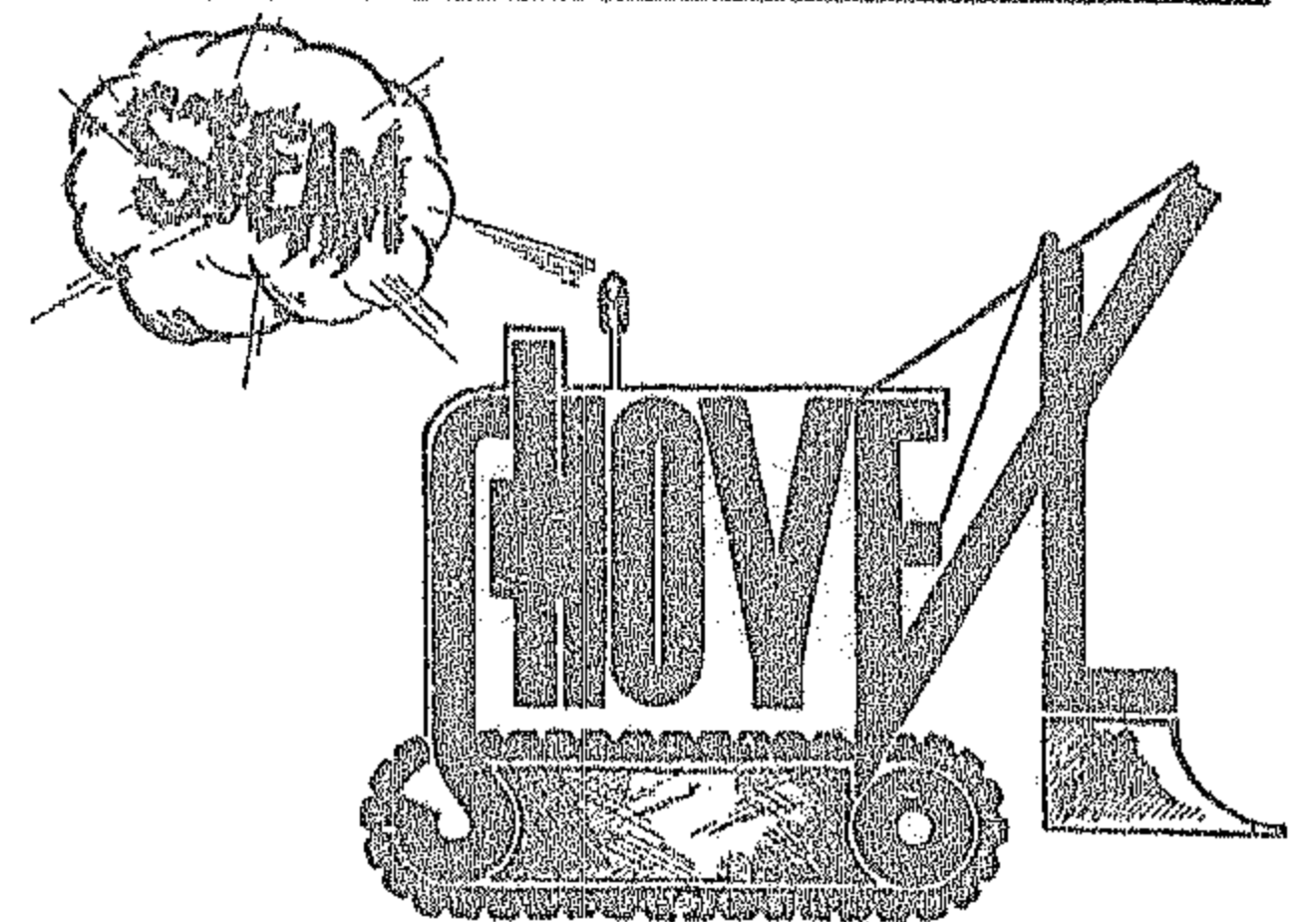
Famous last words: "Since Christmas you ain't got nothing on me."

FLASH! The rats in Dr. Boder's lab are infanticiding again. When does Doc start handing out the cigars? Speaking of rats, here's a cheesy bit of gossip. Although cupid has come and gone, rumor has it that the ex-associate managing editor received a special delivery valentine for the second year in succession. A beautiful thing, unsigned! (How romantic!) Enclosed only a torn file card. Could it be that Lewis' one and only play-boy can't take no for an answer? And it progressed from a friend to a dear sweetheart in only one year. Time marches on! What next?

Food for scandal: How come the Galavanting Galahads, Herzog and Junger get their vitamin quota over here so often? S'matter don't they feed you on the south-side, boys? Incidentally, Florence finds the night school courses highly instructive, especially with Galahad Herzog to explain it all to her.

Where oh where does Ken Calhoun get those tantalizing bow ties? They're so intriguing!! Guess I'm just snap happy.

(continued on page seven)



Boy, oh boy, oh boy! Only three more nights and we'll be havin' the time of our lives swingin' and swayin' at the bestest Junior Formal ever! Yes suh!! Your old Sooper-Snooper will be right on the ball that night to sweep up all the available slush! Our secret agents will be stationed behind every post and there will be one under each and every table! So, on guard!!

Our predictions on Junior Formal pairings:

- Emil Galandak and Marty Johnny Butkus and Lil Charlie Ball and Pat Prof. Zwissler and "Nitch" Harry Dolfi and Betty Dick Taylor and Gay Charlie Lachman and "Darling" Bob Ther and "Dollie" John Sauvage and Martha

FLASH No. 1: Lil Snodgrass seen in Armour 'ca' and Johnny nowhere in sight!! (Boy, that is news!)

"Kid" Sterba, erstwhile day school regular, suddenly decided to continue his studies in our noteworthy evening division. Now what we're wondering is whether that South Side cutie, Dorothy, who works nights, might have had some effect on this abrupt change of educational policy! Could be, pish-push!!!

Comes the revolution, and all these aristocrats will be put out of commission! Here a guy has to live like Old Scrooge himself for almost a half a year so he kin scrape up enough shekels to go to the Formal, and this guy Steve Bodnar gives his lassie a 50 buck wrist-watch!! Not only that, but he picks her up daily at 2 A.M. at the Hostess Cake Co. Brother, that's love . . . and I do mean love! Gad!!

FLASH No. 2: Johnny couldn't make it cause he was wrestling . . . No, no, we mean up in the gym!!

Personal to the Fifth Columnist: Just between you and me, how long do you suppose you can keep on writing that trite tripe and get away with it! There's a new managing board now, sweetheart, which sorta cooks your goose! First class material only, you know what I mean?

Softly sailing into the land of nod, Norton Ferber left the realms of Prof. Penn's one o'clock strength class. Prof Penn knowing of the great deficiency in sleep that is the lot of engineering students, let him sleep. The class quietly left at two and a co-op class came in. Norton waking up at 2:20 heard a professor's voice lecturing so he paid no heed. Upon opening his eyes he perceived a strange instructor and class so he promptly shook himself awake. After a hurried apology, amid cheers and jeers, he left.

Some like it hot! George "Cookie" Martin-ek was generously bestowing a kiss upon a lovely red head. During several brief intermissions from this entertaining pastime, he picked up Anne, a luscious dark (not black) beauty, who insisted upon calling him "Cookie." After seeing this wonderful demonstration, it was decided then and there that "Cookie" should be the honorary president of the I.I.T.W.A. With tears in his eyes he said, "Gee, thanks fellows and oh, gosh! Anne and I are going to be married." (Ed. Note: Not if she saw you with that red head, you won't!!)

So now dear friends we shall close with a "bang?" As did that super production "Front Page."

SOOPER-SNOOPERS.

# The Greeks Had A Word For It

GODS

By Robert Creagan

Triangle held formal initiation ceremonies for ten men Sunday, February sixteenth. The new actives are: Louis Piper, Charles Phelan, Robert Civiak, John Volakakis, Larry McGill, William Foster, Harold Ross, Lowen Shearer, Jack Hoyt, and William Daniels. The initiation banquet was held at the Oyster House of the Morrison Hotel. Triangle was honored by the presence of Brother E. Paul Reichard of Cincinnati—the national president; Brother B. Gaston of Chicago—member of Triangle's National Council; Brother Carl Reutter of Chicago—an Armour alumnus, who is president of the Alumni organization; and several other alumni. Bob Sweeney, president of the active chapter at Armour, acted as toastmaster and told many a joke of ancient vintage. The new initiates told many humorous incidents which occurred during "Courtesy Week." Triangle held a "Brawl" at the house Friday, February twenty-first, and strangely enough everyone had a date. Pledge Danny Sehel dated the best cook in the North-side area. Is that all Elsa can do, Danny?

Alpha Sigma Phi furthered its program of expansion by pledging three freshmen. The neophytes are: Burt Peterson, Roy Johnson, and Robt. Brindle. The Alpha Sigs put their mass approval on "The New Pins and Needles" and especially liked the "G" Man act.

Pi Kappa Phi held "Courtesy Week" last week for the further enlightenment of backward pledges. It seems the children had difficulties with their fraternity instructors who were careful not to "spare the rod and spoil the child." When will Frances, the cat, have kittens and how many will arrive, are both questions of paramount interest to the Pi Kaps.

The big question at the Delt house is about "Downwind" Jaxon. It is a matter of supreme importance to the Deltas, whether or not "Downwind's" face has ever been seen. Any evidence bearing on this question will be gratefully accepted by any Delt. Saturday's card party ended up as a combination dance and bridge party. Finesse was apparent in both games. Delt John Le-Valley writes from Seattle that the navy is the right place to be—"Women are so attentive now."

GODDESSES

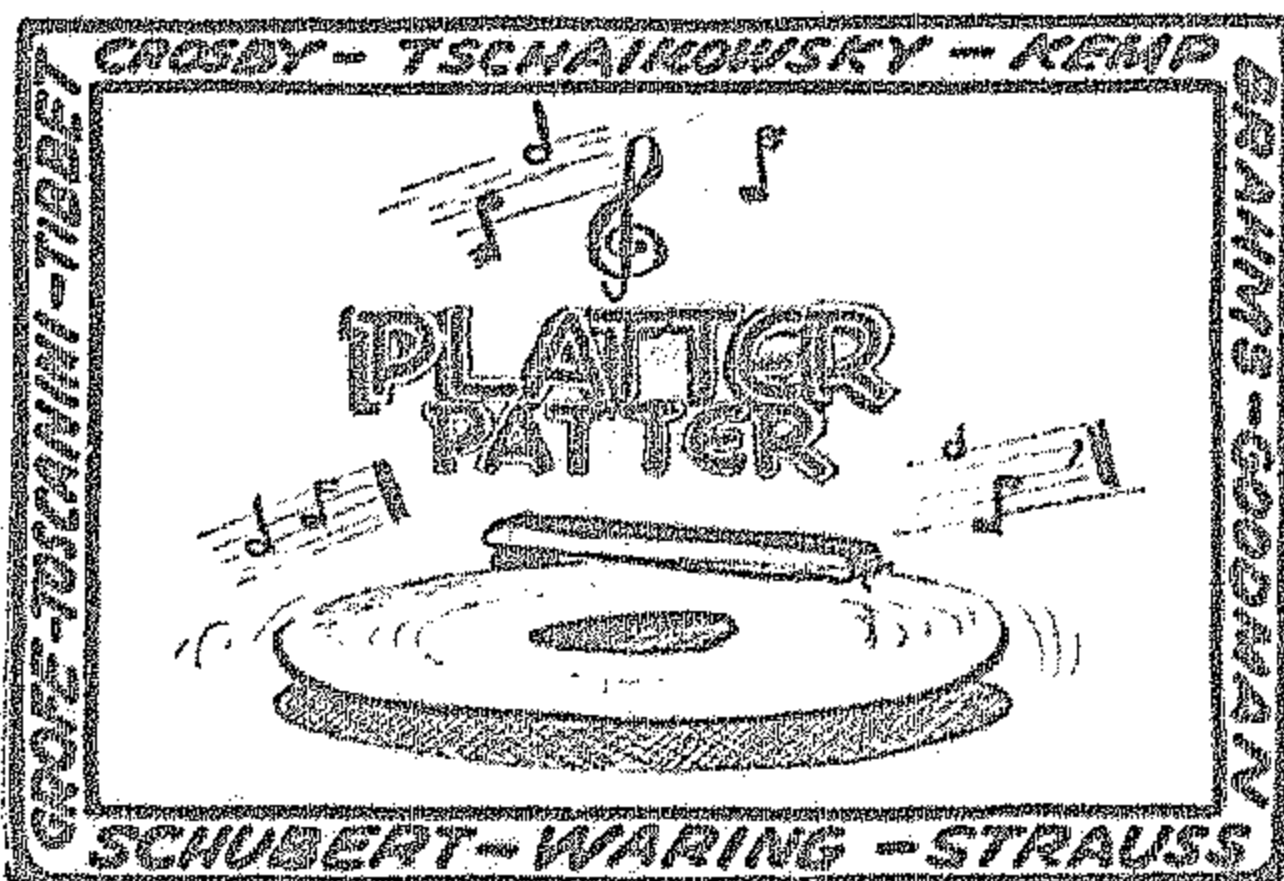
By Helen Marzullo

It seems that February is the month of dances . . . and the Lambdas have again dined and danced at their annual dinner-dance, which was held in the Marine Ballroom of the Edgewater Beach Hotel, last Saturday. It really was quite an affair! Last Sunday the monthly meeting was held at the home of Helen Marzullo. My, my, the girls were pretty worried about their diets . . . a steak dinner at the Edgewater on Saturday, and a spaghetti dinner at the meeting on Sunday. Oh, well, now you can start all over again, girls! Last Tuesday in the sorority apartment, the Lambdas had their first rush party of the season. Lorraine Surdyk and Doris Tully had charge of the menu, which was very good. Tea, sandwiches and cookies were served 'midst the rhythm of music and games. The "cahooti cuties" really had the girls stumped, but not for long, Lorraine "Non-Believer" Anderson saw to that.

Kappa Phi Delta, too, is kept as busy as a bee with rushing parties. Last Wednesday noon, the girls had a rushing luncheon and partook of tasty morsels, some of which were the result of George's handiwork in cutting down the cherry tree. Eileen Robinson shouldered the responsibility of entertaining her sorority sisters last Sunday at their monthly meeting. Seating so many in her apartment was such a problem that the floor was finally made into the "Kappa Lounge." As a Home Ec'er, she did herself proud by preparing "dainties for her cupies." March 2nd, more food and a play are in order for the Formal Rush. The girls will don their Sunday best, and step out into society for the night.

Sigma Beta Theta proved its academic abilities by having a book review at the Oak Park Library for the actives and alums. It's a good idea to keep these alums "school-girlish." Their monthly meeting will be held at Dot Giambelluca's on March 5, after which they will go roller skating.

The "some Lewis sorority girls" who attended the Inter-Fraternity-Sorority affair wish to extend their thanks to the Inter-Fraternity Council for such a grand time.



By Bob Saigh

An interesting story comes this week from RCA Victor. It seems that Sammy Kaye made a record of "Until Tomorrow," his own composition, and everybody seemed satisfied with the record except Mr. Kaye. Soon after he recorded the tune, Sammy found further possibilities in the piece and a new arrangement was made. At the first opportunity the new arrangement of "Until Tomorrow" was recorded and now it appears that even Sammy Kaye is satisfied. The Three Kadettes are featured in the vocal. On the reverse side is "The Sidewalk Serenade" which again features the Three Kadettes on the vocal. (Victor, 27262) . . . Eddy Duchin and his orchestra style the popular and new "It All Comes Back To Me Now" in his usual smooth and effective arrangement. It is coupled with "The Old Jalop." (Columbia, 35867) . . . Joe Reichman, "the Paggiacci of the piano," joins Victor's list of impressive entertainers with "I Hear a Rhapsody" and "I Could Write a Book." (Victor, 27325). A favorite on the west coast Joe Reichman is noted for his ultra-smart hotel music. Marlon Shaw is the vocalist. His second record for Victor is the vocalist. His second record for Victor is "I'm Always Chasing Rainbows" and "Keep An Eye On Your Heart" (Victor, 27333) . . . Duke Ellington has just

recorded Mercer Ellington's (the Duke's son) first popular tune "The Girl In My Dreams Tries To Look Like You" and really does it up right with the famous Ellington chords and an excellent vocal by Herb Jeffries whom I consider the best of the present day negro vocalists. On the reverse side is "Flamingo" which features a smooth arrangement with deep saxes. The lyrics are again sung by versatile Herb Jeffries. (Victor, 27326) . . . Judy Garland sings "Our Love Affair" . . . and "I'm Always Chasing Rainbows" on a Decca record. If you heard Miss Garland sing "Our Love Affair" in her recent picture "Strike Up the Band," you know how the A side of this record sounds. The reverse side is sung equally well Decca, 3593) . . .

Leopold Stokowski conducting the All-American Youth Orchestra, America's finest young artists, has recorded Weber's "Invitation to the Dance." The Stokowski recording captures all the vivid color and life of this old favorite. It is a must for all music lovers. (Columbia, 11481-D).

**BLITZKRIEG-**

(continued from page six)

Wanted: An assortment of jivin' jits for those gals from Calumet. Also, cooperation. Obliging soul that he is, Uncle Al was busy at work on his latest undertaking entitled "Cooperating with the Co-ops." We admire your spirit, my boy!

Stags to end stags! Seems the Chem boys, the Docs, Schultz and Cieslak, the Benies, Jack Green and Johnny Ferraro, with Al Falkman and Ken Calhoun were among those present. The gold-plated spittoon goes to Louis (Bud) De Krause for driving home with one arm. (Ha! Ha! 'Twere a can of beer. Fooled ya.)

Headline News! John (Invader) Williams

took his little radio in hand and joined the Lambda tea last Tuesday. The gals wanted sweet music, and John's just the boy to oblige.

I hear tell that Dorothy Robin received a seventeen jewels Bulova from her heart throb for her birthday. And me all het up over my fifty cent love lyric from down Greenwood way.

How did Karash get that swollen lip? Maybe for further info we should see the Mrs. K.

Elaine Simon was seen taking flowers to a friend of the male species who is laid up in the hospital. Out of mere kindness of her heart, I wonder?

It's glares at twenty paces for Art Peterino and Bud Carlson, it is rumored. Professional jealousy, no doubt.

Oh, for the complicated life of a coed! It seems that Helen and Sylvia are exchanging dates for the dinner-dance. I don't get it either.

Here's one that will bowl you over. The Greenwood Coalitions and the Senior Civils landing on top. Even "High Series" Barnes couldn't pull the home team out from under.

Jack Chakoian has been the recipient of a few epistolary triumphs from down Mexico way. Maybe he could tell me what this Frenesi means.

Gene Brodsky, former oomph boy of Lewis, proved that ancient adage that history repeats itself by wandering about the hallowed halls of his alma mater with Mary Butch.

Don't forget, my terpsichorean terrors, the Junior Brawl at the Chicago Towers Club on the 28th. Your old dirt digger will be there with shovel and spade, so be good until then.

Yores for jit n' jive,

THE FIFTH COLUMNIST.

**Other Campuses-**

(continued from page six)

Six members of the University of Kansas swimming team mixed business with pleasure last Christmas vacation. These lucky fellows spent the holidays training in Fort Lauderdale, Florida.

\* \* \* \*

Although the majority of coeds in the United States want to get married soon after leaving school, ninety-five percent of the students at Mount Holyoke college for women plan on a period of wage-earning after graduation.

\* \* \* \*

The Pitt University publication recently held a contest in which the men gave reasons for the nicknames they give to their girls. The prize winner was: "I call my girl Hash because she is a mystery to me."

\* " \* \*

The University of Texas library waived a \$730 fine on an overdue book. They were glad to get it back—after forty years.

\* \* \* \*

During the 1939-40 school year the Massachusetts Institute of Technology disbursed over \$200,000 in scholarships and student loans.

\* \* \* \*

BELIEVE IT OR NOT! Someone at Loyola university once used "I didn't know my lesson" as a cut excuse.

\* \* \* \*

The latest in finals was held by O. R. Van Dusen for his conversational speaking class at Michigan State college last semester. The students studied for a Christmas party at which they would have a chance to put into actual practice what they learned in class.

**THE SMOKE OF SLOWER-BURNING CAMELS GIVES YOU EXTRA MILDNESS, EXTRA COOLNESS, EXTRA FLAVOR**

AMERICA'S No. 1 SKIER  
DICK DURRANCE VS. THE STOP-WATCH AT SUN VALLEY

He's a little man to look at—but on a pair of "hickories" he's a mighty giant. He's held virtually every major down-hill and slalom title in North America. He smokes . . . as much as he likes . . . but note: He smokes the slower-burning cigarette that gives extra mildness and less nicotine in the smoke . . . Camel.

IT'S SWELL TO GET THAT EXTRA MILDNESS IN A SMOKE AS TASTY AS A CAMEL. THERE'S NOTHING LIKE A CAMEL FOR FLAVOR

AND  
**28%**  
LESS NICOTINE

than the average of the 4 other largest-selling cigarettes tested—less than any of them—according to independent scientific tests of the smoke itself

FIVE of the largest-selling cigarettes . . . the brands that most of you probably smoke now . . . were analyzed and compared by tests of the smoke itself. For, after all, it's what you get in the smoke that interests you . . . the smoke's the thing. Over and again the smoke of the slower-burning brand—Camel—was found to contain less nicotine. Dealers everywhere feature Camels by the carton. For convenience—for economy—get your Camels by the carton.

R. J. Reynolds Tobacco Company, Winston-Salem, North Carolina

AT THE ROUNDHOUSE high up on Sun Valley's famous Baldy Mountain, Dick Durrance (above) takes time out for another Camel. "That Camel flavor is something special," he says. "Never wears out its welcome." And the answer is Camel's costlier tobaccos in a matchless blend—they're slower-burning!

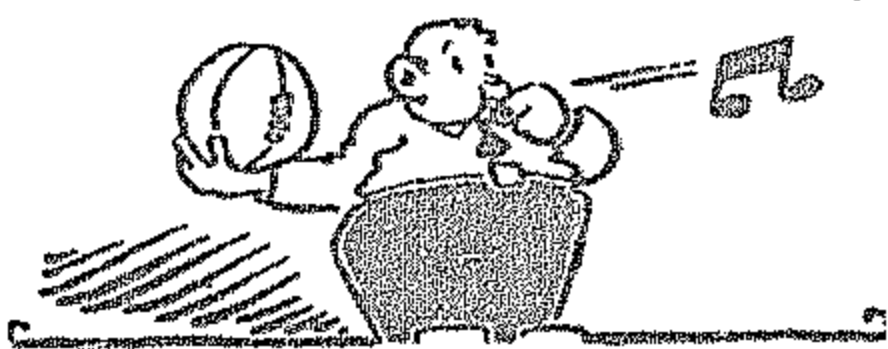
Try the slower-burning cigarette yourself. Know the supreme pleasure of a smoke free from the excess heat and irritating qualities of too-fast burning . . . extra cool, extra mild. Enjoy every flavorful puff with the comforting assurance of science that in Camels you're getting less nicotine in the smoke (above, right).

BY BURNING 25% SLOWER than the average of the 4 other largest-selling brands tested—slower than any of them—Camels also give you a smoking plus equal, on the average, to 5 EXTRA SMOKES PER PACK!

**CAMEL** THE SLOWER-BURNING CIGARETTE

THE SMOKE'S THE THING!

**TIME OUT**



By Warren Spitz

Wednesday eve saw Illinois Tech's cagers playing their last game of the 1940-1941 season. The team did not finish with a winning percentage, but at least they had a winning spirit throughout the year and displayed plenty of fight.

It was a trial year for our new basketball coach, Remie Meyer, and he proved himself a real leader. Coach Meyer took over a team which had only one major letter winner from last year, Captain Hank Sliwa. Several of the prospective stars coming up from the fine freshman team that Bill O'Brien turned out last year; had dropped out of school. Among them were Captain 'Casey' Jones, leader of the freshman uprisings.

Ray La Godney came up from that frosh team to plug a hole at center and sophomore Jack Byrne battled his way into a starting berth.

In a way the team is now in rather a fortunate position. Captain Sliwa and John Brierley are graduating and will be missed, but compared to the number that left the team last year, the losses are trivial.

Pendlebury, Carey, Sieg, Neuhaus, Bergstrom, Guetzow, Futterer, Schmidt, Newell, Galandels and those mentioned above should all be back next year, leading the Techawk squad to a real season of victories and great games.

**Call For Entries  
In Softball Meet**

Spring's number one sport, softball is due to start as soon as a slightly tepid day turns up. Intramural manager Chuck McAleer has announced that he hopes to have the tourney rolling when the zero wave leaves town.

Entries for the tournament should be turned into McAleer, twelve men to a team. Teams are limited to a single department and year, except in the case of the Freshmen where the number of entries is unlimited.

**Boosters Win in 1940**

Last year the Freshmen had seven teams entered. One team, the Comets, carried to the quarter-finals, while the Davey Boosters won the championship. Due to the rule that Sophs must be in departments, the Boosters will be split up.

Defending their laurels as runners-up last year, are this year's Junior Mechs. The Mechs will have practically the same team back this year that lost to the Boosters in a thriller last year in the finals.

**Swimming Soon**

Another intramural championship that will be at stake soon, is in swimming. On about April 1 a meet will be held to determine the winner. Any enterprising swimmer should consult manager McAleer about any entry for his class.

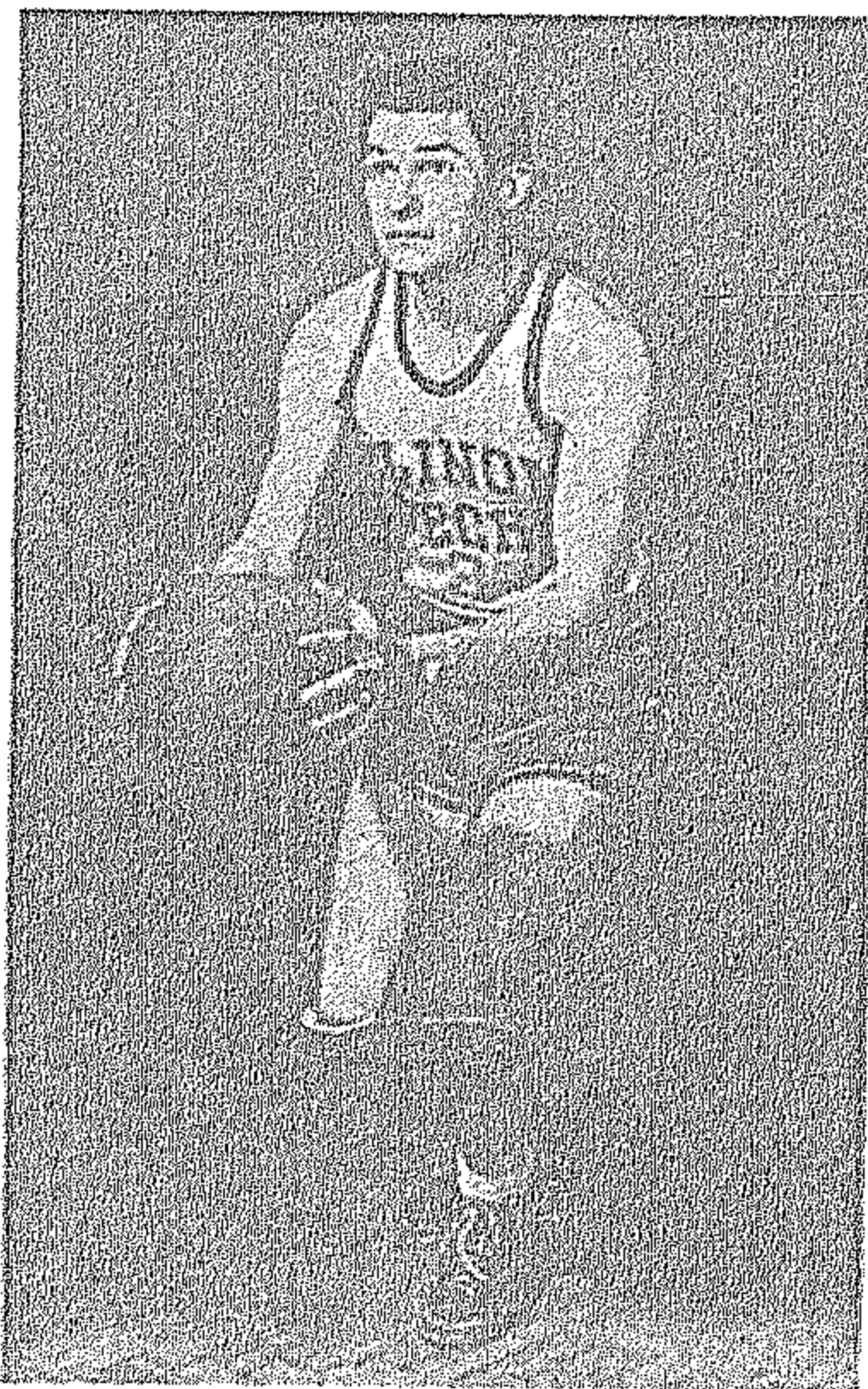
McAleer has given the ping-pong contestants one more week to finish their quarter-final matches. All contestants should make sure their program cards are filed in the registrars office.

Intramural track was run off last night, but results haven't rolled in as yet. The seniors had the quantity entered with about 25 men out, but either the Freshmen, Sophs or Juniors were favored to win.

**Basketball Captain Reminiscent; Recalls Many Happy Hours Spent With Illinois Tech Players**

By 'Hank' Sliwa

With a post season game remaining against American College of Phy. Ed., the cagers still have an opportunity to erase a terrible memory implanted by a torrid North Central squad. To end the season under such a state would be unfair to a swell bunch of hard-working players who managed to turn out five victories against ten defeats. Four of those defeats could have been easily altered into victories, had



Staff Photo by Anderson

Sliwa bids farewell to Illinois Tech's basket ball courts. His ability and leadership have inspired the team behind him and will serve to inspire future teams.

the breaks fallen in the other direction. The records show an improvement over that of last year, and are on a par with that of the year before. All the players heartily agree that the coaching duties are in very capable hands.

**One Man's Inspiration**

After losing the initial game to a strong C.T.C. quintet the boys decided to bring their dates to the Lake Forest game, to provide that added inspiration. This however, had a reverse effect. One Techawk—need his name be mentioned—kept one eye on the girl friend in the stands, until some-

Opponent	They	We
Chi. Teachers	34	20 L
Lake Forest	40	32 L
Grand Rapids	31	43 W
U. of Chi.	27	22 L
North Central	38	30 L
Wheaton	41	29 L
Lake Forest	50	41 L
Wheaton	41	44 W
Chi. Teachers	36	22 L
Elmhurst	30	35 W
Grand Rapids	48	52 W
Lawrence Tech	40	36 L
Detroit Tech	46	36 L
Elmhurst	33	45 W
North Central	85	28 L
Season Record: 5 wins; 10 losses .333 pct.		

one biffed him in the other, and thus made him totally blind. The referees also found these Illinois gals very appealing and proceeded to blow their whistles in the proper spots—when a Tech man was being jabbed in the ribs.

Then a Grand Rapids five came swooping down from the North. That was a fatal mistake, because it's just plain suicide to try to out-swoop a Techawk. After the feathers settled down, the referee was seen raising Byrne's grimy paw, denoting a Tech victory. That's the only way the spectators find out who won since some prof swiped last year's scoreboard to use for a blackboard. Some one

carelessly left a foot on the floor so some sub by the name of Sliwa took advantage of the opportunity and tripped over it and became ill for two months—quoting a Tribune caption. The scorekeeper feeling sorry for him, gave him credit for a basket. Poor Carey.

**Experts Foiled**

Ho hum, getting sleepy, better cut this short. Nearly made liars of the sports writers against U. of C. . . . lost to Wheaton in a cigar box called a gym. . . . Lake Forest (Harrisonites) win return engagement. . . . Sliwa and Byrne show great defensive ability in holding Harrison to 21 pts. . . . took a close one from Wheaton. . . . Byrne lost his left-handed hook in a parked car on the North Side. . . . whipped over to Chicago Teachers and got whipped. . . . the "Duck" still trying to get the impregnable stitches out of a misplaced towel. . . . made short work of Elmhurst.

Off to Grand Rapids. . . . Galandak leaving the weeping girl friend behind with promises to be good. . . . stop to eat in Kalamazoo. . . . Sieg gains ten pounds. . . . Mor(t)on Hotel. . . . Carey gets homesick. . . . Grand Rapids finally succumbs to the inevitable. . . . Weissman gives the referees the "evil eye". . . . Pendlebury hot. . . . After game Sieg earns title "Beau Brommel". . . . La Godny tries to catch fish outside Remies' and Weissman's window with a coat hanger for a hook and a "please do not disturb" sign for bait. . . . played "Hearts". . . . Pendlebury, Newell, and Galandak pop corn under bed sheets. . . .

**Hikes . . . Fun**

Meyer and Weissman get up at 6 A.M. to go out on a hike. . . . Detroit. . . . Fuller Hotel. . . . lose to Lawrence Tech in last minute. . . . heart breaker. . . . Pendlebury again torrid. . . . Pepsi-cola and Red Dog after game. . . . Detroit Tech Saturday. . . . try to win for Swanson, a swell guy. . . . Pendlebury off. . . . only makes 11 pts. . . . after game fellows stock room with refreshments and whip over to the burlesque and Noel Carter. . . . veterans Hank and Boozler leading the way. . . . take taxi ride afterwards and play Red Dog until 6:30 A.M. . . . Some fun . . . as usual, managers poop out early. . . . Judd Doane no exception . . . train-ride home. . . . girl friend gives Newell big smack

Back to normal. . . . team exhibits let-down in practice. . . . Byrne tries to "spark" the fellows with his shoulder infection. . . . team puts on season's best show for Davey and Lasker against Elmhurst. . . . took a bus ride to Naperville to end season.

**BOXING - WRESTLING**

(Tentative Schedules)

Boxing—  
March 7—Valparaiso, there  
March — Home and home  
meets — Herzl Jr. College  
Chicago  
March—St. Joseph, Collegeville, Ind.,  
Wrestling—  
March 1—Wheaton Invitational  
March 14—Division St. "Y"

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AT 10 P.M.  
N. B. C. Stations



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