

Freshman frolic opens social season

New director to solve Armour Food problem

Miss Vivian I. Lippert will become Director of Food Service for Illinois Institute of Technology, effective October 28, 1942, according to an announcement made today by R. J. Spaeth, Business Manager. Her duties will include the management of the Armour and Lewis Cafeterias, and her appointment is being made, according to Mr. Spaeth, "with the specific aim of improving the service and standards of both cafeterias."

Miss Lippert has had considerable experience in the field of managing college cafeterias. She received the Bachelor of Science degree in Home Economics from Oklahoma A.&M. Upon graduation, she was manager of the college cafeterias and boys' dormitories at Oklahoma A.&M.

In this college of some 4500 students located at Stillwater, Oklahoma, she achieved outstanding success, completely reorganizing the food service and putting it on a more satisfactory basis. Since April, 1941, Miss Lippert has been staff dietitian at the Michael Reese Hospital.

Miss Lola Janis who has directed the Lewis Cafeteria in addition to her teaching program assumes full-time teaching duties.

Tech timetable

Monday, Oct. 5:

1:10—Chi Epsilon meets in Sanitary Engineering Lab, 4th Entrance Chapin.

5:00—War Council schemes in Prof. Finnegan's office, Research Building.

5:10—Tau Beta Pi discusses in 202M

5:10—Lunchroom Committee thrashes it out in the Lunchroom.

Tuesday, Oct. 6:

1:00—Pan Hellenic council meeting, Room 302, Lewis.

2:00—Lewis intramural sports meeting in Lewis Gymnasium.

5:00—Tech News Managing Board do their planning in the Armour Editorial offices.

5:10—Student Union Board of Control takes up the cudgals in the Faculty Grill.

Wednesday, Oct. 7:

1:00—Lewis Student council meeting, Room 302, Lewis.

1:30—TECHNOLOGY NEWS and Integral meeting, Room 302, Lewis.

5:10—Senior Advisors convene in U2E.

6:30—Integral Editors lay plans with printer.

Thursday, Oct. 8:

5:10—Pi Tau Sigma holds business meeting 200MH.

Friday, Oct. 9:

10:10 to 12:00—Army, Navy and Marines address General Assembly in the Student Union Auditorium.

5:00—Rho Epsilon meeting, Room U2W.

Saturday, Oct. 10:

8:45 to 12:45—Frosh Welcome Dance through the Student Union Building.

TECHNOLOGY NEWS

ILLINOIS INSTITUTE OF TECHNOLOGY
CHICAGO, ILLINOIS
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Z-143

Illinois Tech gives 58 scholarships

Fifteen men were awarded partial scholarships for the school year '42-'43:

Beck, Wm. R., Freshman, Fenger; Carlson, Elmer A., Freshman, Tilden Tech; Christian, Richard, Sophomore, Lane Tech.; Dahl, Robert, Sophomore, Austin; Davidson, Lewis, Feb. Freshman, Senn; Donovan, John, Freshman, St. Philip; Epstein, Kenneth J., Sophomore, Von Steuben, Wright Jr. College.

Fellinger, Robert, Junior, Burlington; Green, David, Sophomore, North, Des Moines, Iowa; Kasmar, Russell, Freshman, York Community; Krus, Aaron, Senior, Roosevelt; Pruter, Walter F., Freshman, Morgan Park; Reed, John F., Sophomore, Leo; Smith, Lewis, Sophomore, J. S. Morton Morton Jr. College; Von Fredersdorff, Claus, Sophomore, Glenbard, Glen Ellyn, Ill.

Entering men in the F.P.E. course received a total of nine four-year scholarships. Following is the list of all F.P.E. men here on scholarship: **Class of 1943**

Bechtolt, Paul Robert; Funk, Robert; Hall, Robert F.; Keigher, Donald J.; Lease, William D.; Smith, Raymond W.; Wallace, Chas. W.; Zelin, Robert.

Class of 1944

Bowers, Jr., Julian; Hoyt, Jack W.; Koenig, Eldred M.; Magill, Laurus W.; Page, Kenneth G.; Rasmussen, Lawrence W.; Tubergen, Ray E.; Worcester, Bruce.

Class of 1945

Ballou, Arthur D.; Decker, James; Furst, Warren A.; Ponton, Grover W.; Shephard, Claude A.; Snyder, Douglass G.; Stueber, James; Wood, Carroll.

Class of 1946

Davis, Willard A.; Douma, Frank H.; House, George M.; Johnson, Lawrence W.; Johnson, Lloyd W.; Juhl, Gordon Arthur; Kuffel, Duane H.; McDonnell, Jr., Stewart C.; Wagner, Richard.

Total tuition scholarships were given to ten high school graduates as a result of examinations given last May. These are good for one year only.

Arenson, Donald, Sullivan High School; Christian, Hugh S., Lane Tech High School; Gale, Joseph C., Hyde Park High School; Grengg, Walter M., Lane Tech High School; Kunkel, Andrew, Niles Township High School; McClow, John H., Jr., Proviso Township High School, Maywood; Oldshue, James Y., Fenger High School; Rosenthal, Felix, Marshall High School; Uhlir, Arthur, Jr., Lane Tech High School; Woods, Weightstill, York Community High School, Maywood.

This is war, but —

"This is war." These words are being used more and more today. They mean sacrifice and extra work.

They mean an attainment of utmost efficiency.

WE of the student body are willing to give anything and everything towards the winning of this war. Some of us will make the supreme sacrifice of our lives for the preservation of our principles and ourselves in this war.

But, who is almighty enough to determine what is most important for the IIT students to do to win the war.

We are ready and willing to do our part. BUT, we refuse to be treated as guinea pigs. We refuse to be considered 150 dollar per semester contributors to the school funds. We are people, just as desirous of serving as any man of the faculty or administration.

Here we list four results of this program that we feel is unjust to us even in war and times of sacrifice.

1. The rooms of the Student Union are under the direct supervision of the Student Union Board of Control and belong to the students, according to the ITSA constitution. This constitution was accepted by the officers of the school. Nevertheless, the school went right in and took over the assembly hall, U2W, and U2E, without any consent of the board. No one would have denied the school the rooms but we refuse to sympathize with the Nazi methods of their seizure. Even the United States Army goes through condemnation proceedings in taking over hotels. Where did the school get the idea that they could use their methods?

The SUBC gave the school the temporary use of U2W many years ago. Somehow the officers of the school forgot the word TEMPORARY. The SUBC will give these rooms over to the school for the duration but at the end of this period these rooms must revert back to the students. However we must have some hand on the Union for our activities. This is the sole restriction. Such an encroachment as this is not tolerable even in war time. We are fighting this war to keep such things as this from happening.

2. We have been deprived of our gym. Small as it is and inadequate as it was, it still furnished a vent for energy of many of the boys. Some concrete program must be set up. Adequate funds for a decent program must come. A decent staff must be selected for the carrying out of the program. Our bodies must be sharpened up. The old axiom taht "a chain is no stronger than its weakest link" still holds. Don't forget, the boys are under tremendous tension and pressure. An adequate sports program must come and will come even if we have to rise up and make a demand stronger.

3. The administration has allowed so many men to come in that there are not enough profs to cover the increased student body. Mr. Heald said about one year ago that the most important job for IIT was getting good engineers out as quick as possible. Now the seniors have been denied certain courses that are necessary for the making of good finished engineers. The math department is one of the cases. This is done so that there will be enough faculty to teach the freshmen. What is happening? Is the school making an about face in its program?

We want a school that sticks by its word. If something is said we expect the school to "stick by its guns" or come out in the open and abandon their words.

4. It is small wonder that the officers of the school have pulled and will pull such tricks. With the loss of such good men as Tibbals and Davey and the approximate loss of Schommer and Weissman, they have no idea how the students think. (Schommer is loaded down with selective service work and Weissman has a good part of his time taken up by EDT and Safety work that requires much downtown time).

ALL of these obstacles can be overcome if the officers of the Institute but try.

WE of the student body stand as a mighty army, ready to serve. And, we hereby notify everybody that we are just as anxious to win this war as anyone else in the United States.

Morgan Fitch
Hugh Story

Welcome dance Saturday nite in Student Union

by Chet Swan

Climaxing the orientation of freshmen and new students, the "Freshman Welcome Dance" to be held on Saturday, October 10, in the Student Union, will also inaugurate the social season at Illinois Tech. The oriented frosh will now be able to meet his fellow classmates in new circumstances. He will also find the upper-classman minus slide rule, minus sweater, and minus slacks; but conspicuously adorned in his Sunday suit and that smooth manner which characterizes the typical Armour wolf when with his best date.

All of the Student Union facilities will be made use of in the promotion of this colossal affair. Dancing will begin at 9:00 p.m. and last until the 'witching hour' (12:00 midnight). No priority rating is necessary for admittance; tickets at 55 cents per couple are still available to upperclassmen and for the freshmen—those lucky fellows—the admission requirements are naught but the wearing of that emblem of innocence—a green cap.

A special surprise for the throngs expected at this soiree, are the orchestrations of Henry Brandon and his crew of music-makers who by dint of superb playing have carved a niche for themselves among the top-flight bands of the Mid-west. Currently, the Brandon group has been holding forth as the alternate band at the Ambassador Hotel, one of the city's finer night clubs. With eight men harmonizing in the rendition of the latest rhythms, Henry Brandon's orchestra easily satisfies the most discriminating tastes in "jive," "boogie-woogie," "sweet swing" and varying other tempos.

Ample dancing space will be available for any and all of the would-be terpsichoreans inasmuch as the Brandon music will be "piped" to the Lounge and to the cafeteria in addition to the softly light-

(See DANCE on page 2)

Musical clubs set program

The musical club, realizing that important engagements are booked before the holiday season, are bending every effort to accomplish as much as possible in allowable time.

The concert of most importance is booked for Rockford, Illinois, December 10th, when the boys will perform for the Rotary Club.

The concert is important from a musical and publicity angle, but to the boys there is another angle:—social. Arrangments are being made for a tea dance, the girls from Rockford college being the special guests. The officers of the club want to emphasize the fact that finished programs are accomplished only after many serious rehearsals and that anyone interested in the orchestra or glee club should sign up at once. The orchestra meets at 5 o'clock on Tuesdays and the glee club at 5 o'clock on Thursdays. All rehearsals are held in the auditorium in Mission.

Appointments announced in Gas Institute

Now that the Gas Institute is increasing its enrollment of students and also enlarging facilities, several new appointments have been made to the staff.

Dr. F. W. Sullivan, Jr. who received his undergraduate and graduate work at the University of Michigan, is the new Technical Director. He formerly held the position of Director of Research of Standard Oil of Indiana, and more recently, was Director of Chemical Research in the Barrett Division of the Allied Chemical and Dye Corp.

Mr. A. D. Singh and Mr. Orin D. Cunningham have also been secured as research associates. Mr. Singh has been engaged as special research assistant in chemical engineering at the University of Illinois for the past ten years. He has also been connected with the Department of Smoke Inspection and Abatement, serving as Technical Advisor to the Air Pollution Survey.

The scholastic and industrial biography of Mr. Cunningham is equally impressive. He received his Bachelor's degree from Northwestern U. and his Master's in chemistry from the University of Montana. He was a teaching fellow at Northwestern and the University of Minnesota, and has been Research Chemist for National Aniline and Chemical Company.

The second year of the academic program of the Gas Institute began Sept. 14th when ten new students arrived in Chicago to begin their course work. The boys have spent the summer in employment—training in the gas industry. During the present year the fellows will be taking advanced work in applied physical chemistry, organic chemistry, gas analysis and geology, and physics. Part of their time will be devoted to research on projects directly related to the war effort.

During the summer, under the supervision of Dr. Julian F. Smith, there have been many additions to the Gas Institute library which now numbers nearly 1500 volumes. A microfilm reader has been obtained and microfilm copying equipment is in order. The library also contains technical dictionaries in more than a dozen foreign languages.

Math department adds six new men

The staff of the mathematics department at I.I.T. has been increased by the addition of six new men this semester. They are Prof. Max Dehn, Mr. I. Opatowski, Prof. Heins, Dr. George W. Mackey, Dr. Willis Caton and Maurice Singer.

Professor Dehn is serving as a visiting lecturer at I.I.T. from the University of Idaho. Dr. Dehn has acted as professor of Mathematics at the University of Kiel (1911-13), Breslau (1913-21), Frankfurt (1921-35) and at the Norwegian Technological Institute in Trondheim from 1938 to 1940. Dr. Dehn also holds a professorship of mathematics and philosophy at the University of Idaho.

Fraternities

Alpha Sigma Phi—

Alpha Sigma Phi announces the pledging of the following men: Bob Anschicks, Fred Faulkner, John Furlong, Phil Jansen, Lloyd Johnson, Jim Kennedy, Bob Kile, Bob Komarek, Duane Kuffell, Ted Leavitt, Tom Paulsen, Allan Peterson, Walter Pruter, Ed Purcell, Norm Schmitz, Bob Sweiger, Dick Unwin, and Dick Wagner.

The Sigs were glad to welcome Ed Allen back to the ranks after a year away from school. Ed has completed his pledgeship and is now awaiting initiation.

Saturday of Rush Week saw the Alpha Sig ballroom crowded to capacity with dancers. The music was furnished by Jack Reinhart and his orchestra. Brother Rittenhouse dropped in from Peoria for the affair, and informed the boys that he is now awaiting call into the Air Corps.

Phi Kappa Sigma—

Phi Kappa Sigma pledged the following men, Monday, Sept. 28: William Beckman, Donald Billman, Eugene Bores, Delmar Burr, Ben Culver, Frank Douma, Robert Hall, Howard Harris, Fred Hartmen, George House, Robert Jacobsen, Gordon Juhl, Wilbert Kalk, Law-

rence Knaack, Wilson McDermut, Kenneth Nelson, George O'Brien, Joseph Peter, Frank Sleeth, Charles Wolstenholme.

Triangle—

Armour Chapter of Triangle takes pleasure in announcing the pledging of ten fine men on Monday. They were: Robert Blume M.E. '46, Hugh Christian M.E. '46, Willard Davis F.P.E. '46, Robert Gunthrie I.E. '46, Clarence Jorgensen M.E. '46, Thad. Majewski M.E. '46, Edmund Powell C.E. '46, Robert Thomas M.E. '46, Robert Tomek Ch.E. '46, Carroll Wood F.P.E. '45.

Pledged during the summer were Co-ops: Damon Martin M.E. '47, Robert Ronk M.E. '47, Jack Soderberg M.E. '45, Warren Thon M.E. '46.

Delta Tau Delta—

Delta Tau Delta proudly announced the pledging of the following men on Monday night: A. Earl Austin, Frank Baker, John Garnier, Herbert I. Gefvert, John Kain, Ernie H. Love Jr., John McCow, Don Mitchell, Phill McConnell, Richard J. Harasek, Loren Hopwood, William Hurley, Lawrence Johnson, Vale Nortridge, Herbert Schultz, John Seeger, Harold Skibbe, Robert Swedberg.

Alpha Chi Meta—

The tri-chapter meeting of Alpha Chi Sigma, professional chemical engineering fraternity, will be held at the Central YMCA, Tuesday, October 6th, at 7:30 p.m. The dinner will begin at 6:30 p.m. Mr. Carl Miner of Miner Laboratories will be the speaker.

The two other chapters participating are the Northwestern Chapter and the Chicago Professional Chapter.

Pi Kappa Phi—

Culminating a successful Rush Week, Pi Kappa Phi announces the pledging of twenty-one men. The entering neophytes are: Burton Amundsen, Clifford Ashby, Herbert W. Clapham, William Egger, George Holm, Arthur Hrubec, Gardner Hutchins, James Jung, Stewart McDonnell, Robert Moyer, Robert Murman, George Pauli, Henry Poile, John Pottenger, William Pottenger, John Sachs, Clarence Sievert, Carl Sievert, Gordon Sommer, James Vlcek and Richard Weickart.

To open the fraternity social season, a Hallowe'en dance will be held at the end of the month. Present plans mention festivities, music, and refreshments, all arranged in an entertaining manner.

WSE plans assemblies

The Western Society of Engineers has a unifying position on the Armour campus. It was established to promote inter-departmental action on general problems affecting the various professional societies located on campus. Members of the departmental professional societies automatically become members of the WSE. Two men from each of these societies are elected to a Board of Managers, who in turn choose their own officers. The president of the organization is Bob Bechtolt, FPE '43.

The main function of WSE in the past has been to arrange for monthly, all-school programs of general interest. This semester is starting as usual. The first program will be held in the Auditorium on October 30, at 10 a.m. Sam Campbell, famous naturalist, will show colored nature movies.

Future programs will be announced soon. Included in the prospective list is a movie on lumbering in the Northwest.

●Dance

(Continued from page one)

ed auditorium. Instead of "sitting one out" along the wall or in a corner, the "lad" and his "lassie" at this dance can hold hands in the darkened room U2W while watching some highly interesting films (none of them on technical subjects)! Popcorn, in the manner of outdoor fun frolics, will be available at cost. Refreshments will be served from "Ah-mouh's" fountain bar featuring an inimitable cuisine for the particular making the party interesting will be gourmet. (Sounds appetizing, doesn't it?) Another stunt aimed at the community sing, during which the assemblage will give forth with "ear-drum shattering" baritones and squeaky sopranos. This latter move has a secondary motive—chasing all the denizens out of the buildings the Institute is now demolishing two blocks away.

Co-chairmen of the affair are Don Keigher, president of the Student Union Board of Control, and Ray Kaeding, senior class social chairman. Helen Marzullo is handling the Lewis angle on this social function. Aiding and abetting these people in their noble efforts, is the senior class social committee. Credit must also be extended to Rho Epsilon, Illinois Tech's Radio club, which so capably arranged the public address system.

Because of the imminence of gasoline rationing and present tire restrictions, most of the attendees will travel via the surface lino or the elevated. Several squads of Chicago's finest uniformed officers will be provided to patrol the parking lots and also 33rd street from Wentworth Avenue to Michigan Blvd.

The dance as a social "ice-breaker" has received the whole-hearted support of the administration and faculty and their representation is assured. Without stirring any false hopes in the hearts of "lovers of the classics," we may go so far as to predict that "Sonny" Weissman, prominent coach and assistant dean, may render in his inimitable manner some choice selections from his repertoire.

CO-OP NEWS

by Chuck Rowbotham

CO-OPs wearing green caps! Sounds like an interesting sight which shows that the Co-ops and the days students are finally one bunch.

On October 10 comes the big "Freshman Welcome" Dance when the whole school will have an opportunity to meet the new fellows both co-ops and day-students. Since big downtown dances are probably out for the duration, everything has been done to make this school affair enjoyable; in fact it's guaranteed to be a "carnival of fun", so call up your "bit of heaven on earth", and drop in Saturday.

An Armour branch has been established at Rockford college of engineering Co-ops. The 20 A-fellows have already started their three months while 20 B-boys are working in around Rockford. Doesn't it sound like a particularly interesting idea? Oh yes, there is one small detail I neglected to mention. Rockford is a girl's school with no less than 200 beauties enrolled.

People seem to have two track minds in this national emergency. One track leads to the Army while the other track drops you into some girl's clutches as a husband.

On track 1, we have MISS KATHRYN LUDLOW, former CO-OP secretary, now a third officer (second lieutenant) in the WAACs. ROGER OLSEN and REID CAMERON, due to an over anxious draft, jumped into the Army enlisted reserve.

Track 2 holds LEN KOCH and VIC SCHELL-SCHMIDT were both married on September 19. We also have lost our chance with MISS GROSSMAN who is now MRS. RALPH J. BURGZ since July 18. The rest of the married men will have to wait until the next issue for congrats.

Vacations are over, but there are still some mighty interesting tales of vacation exploits roaming around the campus. They are still talking (complaining) about JACK PACKER'S cooking on the trip that H. L. N. NELSON, WARREN OHGREN, STAN ADMEK, and JACK PACKER took to Lake Geneva. The first six meals were sickening; then things began to get worse. One evening the supper was terrifically terrible but Jack gobbled everything just to show the boys how delicious his cooking was. The story would end here but the boys went to a carnival that night.

After cautiously riding the merry-go-round and the ferris wheel with their stomachs still behind their belts, they climbed aboard a tilt-a-wheel. The wise three having only a little of Jack's cooking just turned green but Jack made a dash for the woods. Gee, Jack, women were invented just to cook for men like you.

Cooking can be good as evidenced by the vacation of FRANK CARQUEVILLE, HARRY SCHRAEDER, NORM ADDIE, TOM COSTELLO, STAN TOLBERT, CHUCK ROWBOTHAM, all of 3-A, and BOB HEWITT (RIVER FOREST). These seven lads rented a two-story brick house at Lake Geneva for eight days. The schedule was, breakfast, 12:00 noon; dinner, 6:30 p.m. and supper at 3:00 a.m. The food was so delicious that the girl friends kept coming over for supper. In fact there were five women guests at one evening meal. The guests of the LUTHER LEAGUE BIBLE CAMP across the street from the house objected to the noisy supper parties at 3:00 a.m. but at least the boys weren't evicted before their vacation was up.

Saugatuck, Michigan has finally recovered from the visit of JOHN GERALDI, and RAY (LOVER) SCHULTZ. The Art Institute's summer camp is up there but there the fellows discovered another art colony which reminded one of Paris. (OH BOY) Ray's only complaint was the women. He spent so much time driving the women away with a club that he didn't get very far with an old high school friend he met up there. Gee, it will be a happy day when we have to fight off the Chicago gals.

ED NEIDELL, 2-A (89th and Cottage) finally told his 57th and Kedzie sweetheart that their love must die. (We who are about to die salute you). The poor gal is a victim. The gas rationing makes for long, long streetcar rides which take too much valuable homework time. Last but not least, women and good grades won't mix in Ed's system so the women will have to go. (Not forever I hope).

Let's look into the Honor System, fellows. It really is a worthwhile plan with great possibilities for improving the Armour student body: — Last week's "TECHNOLOGY NEWS" may be procured at the Co-op bookstore.

Don't forget the dance. So long, see you there.

War refugees added to IIT math faculty

During the past ten years a great many mathematicians have migrated from Germany and the occupied territories to the United States. The August-September issue of the American Mathematical Monthly, of which Professor Lester R. Ford of IIT's mathematical department is the editor, has published a complete list of these men and women.

Illinois Tech has laid claim to three of these educators. Hans Reissner, who received degrees from the Universities of Aachen and Berlin and who also taught at Aachen for six years, 1906-1912, and at Berlin for twenty-four years, came to IIT in 1940 to teach aerodynamics. Micheal A. Sadowsky and Herbert Busemann are now members of the mathematics department staff. Assistant professor Sadowsky received his doctorate from the University of Berlin-Charlottenburg in 1927, and taught at this institution for four years. Then the University of Minnesota claimed him for two years. He taught at the Universities of Leningrad and Novocherhassk from 1934-1937, and has taught at Illinois Tech since his arrival.

Professor Busemann received his Ph.D. at the University of Gottingen and spent a number of years teaching there after receiving his degree; he spent the years from 1936-1939 at I.A.S., then he went to Swarthmore college and Johns Hopkins for a year. Since leaving the latter he has been at IIT.

Safety Engineering course enrolls 850

Industrial accidents claimed more lives in the United States during the first six months of 1942 than the Germans took in three years' bombing of Great Britain—and 850 Chicagoans are learning how to do something about it. They are taking industrial safety engineering at Illinois Institute of Technology. Another 850 will start training on October 19.

More than one thousand persons, including six women, took the industrial safety work at Illinois Tech last year, constituting one-fourth of the national total. This year's classes are expected to total nearly double that number of enrollees when all sections begin work.

Anthropologist lectures before IIT's Sigma Xi

Professor Fay-Cooper Cole, famous anthropologist, will give the first lecture of the local chapter of the Society of the Sigma Xi on Wednesday, October 7, in the Student Union Building. This lecture is free and open to everyone. The Society of the Sigma Xi is the largest scientific society in the world. A large attendance is expected at this lecture.

NOTICE

Material that has been left in the lockers located in the drafting rooms on the 4th floor Physics Building must be identified and claimed before October 16, 1942. After that date this material will be sold.

Green rushees rush to get greener



Fourth floor corridor of Chapin Hall seems a bit congested as freshmen engineers stampede Co-op bookstore for green caps. Advance sales indicate large turnout for Freshman Welcome dance.

Like newspaper work? Are you insane? O.K.!

The Lewis staff of TECHNOLOGY NEWS has been severely depleted by the call of the armed services and graduation. As a result there are several editorial positions unfilled in addition to the many reporters we haven't got. Can you write news stories, feature, or sports? No? Well, then you're eligible. Previous journalistic experience is not necessary since you would then have a style inferior to ours. If you were foolish enough to be a newspaperman or newspaperwoman, you are already insane and we won't have to waste time training you.

We also need an assistant circulation manager and an assistant business manager. Both positions require little time yet offer all the rewards given to other positions. Anyone even slightly interested in the intricacies of journalism will find it worth their while to drop in at the publications meeting, 1:30 Wednesday, Room 302.

The liberal arts Integral staff is also urgently in need of reinforcements. This may easily be seen by

Steam laboratory adds auxiliary equipment

The steam laboratory located in the basement of machinery hall has undergone many changes and improvements since last year. Among the major improvements completed during the year is a central temperature measuring bench which is equipped with two potentiometers and other auxiliary equipment. The instruments are so arranged that temperature measurements may be taken by means of thermocouples at remote points in the laboratory where it would be impossible to use ordinary mercury thermometers. This arrangement has solved the problem of obtaining many precise temperature measurements, and has proved itself to be an extremely efficient method especially for undergraduate courses where speed as well as accuracy are necessary.

In conjunction with this equipment a new apparatus for measuring the heat loss from bare and insulated pipes carrying steam has been completed. This apparatus can also be used for computing the various coefficients of heat transfer involved in such cases. A new heat exchanger apparatus has been constructed in which studies of either counter-flow or parallel-flow may be made. This apparatus is fully equipped with thermocouples enabling the undergraduate to study the effect of conditions of flow upon the film coefficient of heat transfer of liquids, and to express the coefficient in terms of the characteristic dimensionless equations. It also provides an excellent means of illustrating the logarithmic mean temperature relationship obtaining in such heat exchangers.

The steam turbine apparatus has been improved to such an extent that the thermodynamic path of the steam passing through the turbine is known in terms of its pressure and temperature at each important stage. This enables the student to separate the total losses quantitatively into internal losses, combined mechanical, and generator losses.

Professor Yellott has contributed greatly to the laboratory by the addition of two very fine pieces of apparatus which were used originally by him in his important work on steam nozzles and ejectors.

The work in the laboratory has been carried out under the supervision of Dr. R. A. Budenholzer with the able assistance of Messrs. L. V. Cunningham, Stothe P. Kezios, and Philip Rosenberg. A considerable portion of the work has been done by undergraduate students working on special projects.

Army-Navy Assembly

On Friday, October 9 all IIT students are requested to attend a general assembly in the Student Union from 10:00 to 12:00. At this time Lieutenant Jay Berwanger and other officers of the armed services will explain all the details and opportunities for students in the various reserve programs now open.

Rules and Regulations for Student Union Building

I.—Management

1. The management of this building, excepting the dining hall and book store, is in the hands of the student union and the appointed manager. The manager shall be in direct charge. Any controversies arising shall be settled by the board.
2. The management of the dining room and the book store, as well as all financial matters pertaining to the Student Union building, is in the hands of the treasurer of the Institute. The student board and the manager shall assume responsibility for student conduct in the lunchroom and the bookstore.
3. The board shall meet the first and third Wednesday of every month and any other time as may be considered necessary by the chairman of the board. Adjournment over a definite period of time shall be voted upon by the board.
4. Students having complaints or suggestions to the board should file same with the chairman of the board or the manager of the Student Union at least two days before the board meets.
5. Requests for rooms (meeting or dining) or the entire building must be in the hands of the manager at least one week in advance of the day desired. A policy of first come, first served shall apply until circumstances warrant a change.

II.—Hours

1. The Student Union building will be open for student use on: Weekdays (except Wednesday and Saturday)—8:00 a.m.-10:00 p.m. Wednesday—8:00 a.m.-5:00 p.m. Saturday—8:00 a.m.-12:00 noon.
- These hours do not apply to either the dining hall or the book store, and they are subject to change without notice by either the manager or the board.
2. The Student Union building shall be open for use at any other time as may be deemed necessary by the manager or the board.

III.—The Dining Hall

1. The dining hall shall be the only room to be used by the students for eating purposes.
2. Card playing, chess, checkers or studying is PROHIBITED at all times.

IV.—Study Hall and Auditorium

1. Smoking or card playing will not be permitted.
2. The chairs and tables are not to be moved.
3. That a degree of silence conducive to study be maintained.

V.—Lounge

1. Studying in the lounge will NOT be permitted. Studying here applies to written work. Reading will be allowed.
2. The lamps are not to be moved.
3. The larger chairs should not be moved. Any small chair moved should be returned to its proper place.
4. Card playing should be confined to the tables as provided. Gambling will NOT be tolerated.

VI.—General

1. In all cases, gentlemanly conduct is expected of all students. Suspension from the use of the facilities of the building for a definite period of time shall serve as the penalty for any infraction of the rules, or the understood rules of good conduct.
2. Any room in the Student Union may be closed at the discretion of the manager or the board.
3. Students found guilty of damaging or destroying property of the Union building will be charged for the necessary repairs.
4. All intramural equipment will be kept in the check room.

(ADVERTISEMENT)

(ADVERTISEMENT)

LOST AT LEWIS

TWO (2)

COWARDLY FEMININE HOGHIDE HAND COVERS

Probably lost in Lewis Lounge or
7th floor corridor.

Since they were a graduation present, I value them highly and am offering a reward (in United States War Savings stamps, of course).

I would appreciate it if anyone finding my yellow pigskin gloves would return them to the business office.

J. Rix

Hon. Techmen sign hon. honor pledge



Irving Kaluzna chosen as first Illinois Tech "Man of the Week"

Arx news

(Special Communique from under Dunlap's board.)

Are you wondering what we're doing under Dunlap's board? Oh.

Well, anyway, we crawled here to avoid the crush when they moved our class down with the seniors. Dunlap's board, of course, is the only quiet spot in the room, and from our shadowed fastness we can pike off the Aht school thrushes as they tresh down the hall.

Things down here are dull as Daly's pencils. We haven't any dirt for you this week. Next issue we'll have our informers organized to give you gossip galore. Meanwhile we'll speak up with one of those A propos editorials:

Architecturally browsing, let's take a few buildings or types as beautiful or significant and ask ourselves if they do hit the nail on the head.

What's so hot about the Parthenon? Well, maybe it does have too much detail, and maybe in places it does express wood construction in stone. And maybe John Q. shelled out more than he should have. But consider expression of function, precision workmanship of hill to peristyle to the great figure, simplicity and refinement, and what happens?

Can you justify the Gothic cathedral's expense, multifarious decoration, and diminution of man? But mix with this the spiritual elevation, awesome transmission of weight from finial to terra firma, and the enclosing curtain, and these factors win.

Again, try to knock the colonists with their frame and brick, or the Quaker farmer's stonework. Comparatively speaking, their simplicity, honesty, and craftsmanship would embarrass most of us.

And can't you imagine the defeatists and even the die-hards shivering over Sullivan's frank expression of skeleton structure at that early time? Weren't the social and commercial artists put in their place by Root's,

Who is Irv Kaluzna? Well that is why we picked him for the personality of this week. We want to you know him.

Irv is about five feet eleven inches tall, with curly black hair. His build shows that he is well fed. His smiling face is bespectacled with glasses. He dresses just like the rest of us.

What is his claim to fame?

Irv has two claims; one as president of Rho Epsilon, the other as chairman of the freshman adviser committee of the Senior Class. But Irv's activities carry far beyond these two organizations. He, along with some other electricals, has been trying to build up the Society for the Advancement of Management. Rho Delta Rho claims him as one of its officers. His ability in athletics is far exceeded by his whole hearted support for the teams.

Irv, along with Ray Smith and Jack Byrne, put the War Council on its feet with the big blood donation program this summer.

The big program now is the new radio station. The program started from scratch and has come into a full fledged station under Rho Epsilon of which Irv is president.

The Senior advisor system was the best and biggest thing that was ever availed to any class of freshmen. Dr. Krathwohl, in a letter to the senior class said, "Without their (senior advisors) cooperation, I don't see how we could have managed to give the record number of tests which we did." The Dean was equally well pleased.

For these reasons we name Irv Kaluzna as the man of this week.

EACH WEEK THE MANAGING BOARD WILL NAME AN OUTSTANDING MAN AT IIT. HE MAY BE A FACULTY MEMBER OF STUDENT. BUT THE BOARD WILL BIOGRAPH ONE OF THESE PERSONS WEEKLY.

Sullivan's, and Wright's courage to use materials correctly?

Let's think a little further, talk it over again, turn it over, and talk it up—if it's good.

A PROPOS

INTEGRAL PHOTOGRAPHY SCHEDULE—ARMOUR

(Lewis schedule will appear next week)

All pictures will be taken on Student Union lounge.

Monday, October 5

- 9:00—Junior class
- 9:20—Junior class
- 9:40—Junior class
- 10:00—Sophomore class
- 10:20—Sophomore class
- 10:40—Sophomore class
- 11:00—Pi Tau Sigma
- 11:20—Eta Kappa Nu
- 11:40—Chi Epsilon
- 1:00—Phi Lambda Upsilon
- 1:20—Salamander
- 1:40—Sphinx
- 2:00—Phi Nu Epsilon
- 2:20—Gamma Theta
- 2:40—Honor I
- 3:00—Inter-honorary council

Tuesday, October 6

- 9:00—Freshmen A to D
- 9:20—Freshmen E to J
- 9:40—Freshmen K to N
- 10:00—Freshmen N to R
- 10:20—Freshmen S to Z
- 11:00—Armour I
- 11:20—Armour Drama Club
- 11:40—Dance Club
- 1:00—Student Union Board of Control
- 1:20—ITSA Board

Wednesday, October 7

- 9:20—Delta Lambda Xi
- 9:40—Alpha Chi Sigma
- 10:00—SAM
- 10:20—Rifle club
- 10:40—Student War council
- 11:00—Glee club
- 11:20—Orchestra
- 11:40—Orchestra
- 12:00—Rho Epsilon

Thursday, October 8

- 9:00—WSE
- 9:20—ASME
- 9:40—ASME
- 10:00—AIEE
- 10:20—AIEE
- 10:40—AICHE
- 11:00—AICHE
- 11:20—ASCE
- 11:40—SPES

Friday, October 9

- 9:00—4A Co-ops
- 9:20—3A Co-ops
- 9:40—2A Co-ops
- 10:00—1A Co-ops

In Memoriam

We write this in deepest and sincerest respect to Robert John Pye, better known to last year's freshmen as Bob. On June 5 last, Bob gave his life to his country, our country. It was his desire to do his share toward gaining victory. Bob worked but five days when on Friday, June 5, Death struck suddenly. The Elwood Ordnance rocked the earth with its death-dealing blast in which 55 other employees lost their lives.

As mothers are saying all over the world today, "It seems so unfair!" Bob had just started, a boy only 19 years old. His was a struggle throughout his high school career at Leo. However, he graduated an honor student, and as a class officer he showed his leadership.

Last fall Illinois Tech enrolled a new chemical student in the person of Robert Pye. He had chosen a still tougher battle, but was well prepared to meet it. Here on the campus Bob lived the life and joys of every freshman. He passed through this stage and finished his freshman year. He was now a soph. Yet! However, God chose to have him. So, Bob, Techmen will carry on for you. As we see the names of the Army, Navy, and Marine men on the honor roll we'll see your name in God's honor roll.

TECHNOLOGY NEWS

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FIGHT SONG

Hail, here we come, marching along with bugle and drum.

Cheers fill the air with victory.

Techawks never say die; let our voices rend the sky;

With: Fight team! Fight team! Fight team! Fight team!

Ever making history.

You will say that we've turned loose all hell

When we give our IT yell

Arch, Mech, Civ, Elec, Science, Chem, and Fire Protect

Marching on to Victory.

ALMA MATER

To thee, our alma mater dear, with voices clear and strong,

We pledge our faith and loyalty, and praise thy name in song.

We ne'er forget the friendships made within thy hallowed halls,

More honor, glory, thy reward, as long as duty calls.

We're engineers, we're architects, we're science students, too.

Where e'er we are in all the world, our hearts are warm and true,

With minds alert, ambitions high for future destiny,

We pledge allegiance evermore, to thee, dear IIT,

Editors' ode to TECH NEWS

(Original words and music by Cole Porter)
Night and day you are the one,
Only you beneath the moon and under the sun.

Whether near to me or far,
It's no matter, darling,
Where you are.

Night and day, day and night why is it so,
That worry for you follows wherever I go?
In the roaring traffic's boom, in the silence of my lonely room,

I think of you, night and day,
Night and day under the hide of me there's an oh,

Such a futile yearning, learing inside of me.
And its torment won't be through
'Til you let me spend a day away from you,
Day and night, night and day.

Ed Farrell
Bucky Walter

dinna ken?

smoking turkish cigarettes with continental nonchalance, three guest lecturers enlightened the entire staff of that infamous journal, and we quote, "TECHNOLOGY NEWS," at the witching hour of noon last tuesday, march 24. ossip zadkine, noted european sculptor of smolensk, russia, displacified a dintly initiated audience, which also included a large number of liberal art, engineering, and esmdt students, with his plastic depravities.

utilizing a specially prepared blend of aztelian clay from eastern greece and moist, penjetic soil from central minnesota, doctor zadkine skillfully produced vergase models of many surrealist creations. after kneading this brachtinc mixture into the proper shape, he explained thoroughly each figure.

Slipstick STEAM SHOVEL Other Campuses

S-s-s-h, quite!—here goes—zzzzz *****!!
!!—BOOM!!! Yes, indeed, another big year has now been inaugurated. Greetings to all the profs—, all you lads and yes! lassies also, but special greetings to the newly initiated Irishmen, green caps, etc. In dedicating the initial column of the semester! Here's a column for the U. S. Engineers at Sault Sainte Marie, Michigan. Brush the snow off your shoes and let's get going!

Every man likes to see a broad smile,
especially if she smiles at him.

Telephone operator to new girl she is
breaking in: 'No, honey, you say 'Just a
moment, please,' not 'hang on to your pants,
mister'."

A little bird sits on a tree,
Now he flies away . . .
Life is like that,
Here today, gone tomorrow.

A little bird sits on a tree,
Now he scratches himself,
Life is that way . . .
Lousy.

Ain't It the Truth!

Four marines were playing bridge in a hut
on Wake Island. Suddenly another leather-
neck burst into the room and shouted:

"The Japs are landing a force of about
200 men down on the beach!"

The four bridge playing Marines looked at
one another. Finally one said, "I'll go, I'm
dummy this hand."

Excuse it, please!

"Are you the man who saved my little boy
from drowning?"

"Yes."

"Well, where the hell's his cap?"

She paints,
She powders,
She reads "La Vie Parisienne."
She drinks my liquor,
She cusses, too,
She eats lobsters at midnight,
She does lots of things she oughtn't to,
But, dammit . . . she's my grandmother
And I love her.

He should live so long!

A tourist stopped his car at a country fill-
ing station and asked for some gas. To make
conversation he said to the graybeard at-
tendant: "MacArthur is doing great work,
isn't he?"

"Who is he?" was the reply.

"Why, man, don't you read the papers?"
said the tourist.

"No," was the response. "I don't read the
papers or listen to the radio."

"In that case," said the customer, "never
mind the gas but give me four new tires."

"What's the matter, little boy?"

"Ma's gone and drowned all the kittens."

"Dear me! That's too bad!"

"Yep, she—boo-hoo—promised me I could
do it."

Why Shuurree!

The cop peered into the parked sedan and
barked, "You ought to be pinched, young
lady."

"Say," came from the car, "quit giving
this guy ideas."

Well, I've written that column and can't
do anything about it, but after the gang gets
ahold of me I'll have to go looking for a little
Angel of Mercy. Hmmm, not a bad idea. If
there are any friends of mine still left just send
me "one dozen roses."

Pete "The old fisher 'Min'" Minwegen

The time has come again for the shovel
operator to commence uncovering some of
the sidelights on activities on the south cam-
pus . . . The record breaking enrollment of
freshmen promises to make life more hectic
than ever . . . oodles of praise to Irv Kaluzna
for his swell job in organizing the senior ad-
viser system. Already many freshmen have
benefited from the program . . . The fresh-
man dance on Oct. 10 promises to be one of
the most lavish affairs ever given at the In-
stitute . . . There will be dancing in the lounge,
auditorium, and the cafeteria . . . Start the
social season with a bang by collecting the
favorite girl and have a swell time at this
suave affair . . . 'Tis rumored that sophomore
Bill Plice is seriously considering a matrimoni-
al contract with a luscious damsel from Win-
netka . . . Also in this frame of mind is Ann
Kaubajak, Sonny Weissman's secretary . . .
Tom Clark and Larry Rademacher started the
wolfing season of the ITTWA with a flourish
by prowling amidst the quail at the recent
Chicago Teacher's dance . . . The upper-
classmen sorely miss Doc Davey, the Syracuse
Superman, whose witty repartee and promo-
tional work in social activities are sorely
missed . . . Brothers Kirk, Keigher, Ryan, and
Shulz recently made an expedition into the
wilds of Wisconsin for a camping trip. Dur-
ing a heavy dew these four combined their
engineering talents and produced a new ma-
terial used in weatherproofing their tent.
Stale gum chewed into the proper state of
elasticity is guaranteed to keep out the wet-
test of water.

Speaking of vacations reminds us that
there are only 89 more days till Christmas.
. . . The Frosh, newly recruited into the ranks
of the Loyal Sons of Erin, have been getting
publicity right and left. One group was
photographed by the Sun while grouped in
the Bookstore in all their emerald glory. . .
The Frosh and Sophs are again warned that
a ride on the cable car in Main means a dip
in the hydrators on the fifth floor by the up-

perclassmen . . . The class of '46 has that
novelty of novelties about Armour—a coed!
. . . 'Tis such occurrences which have devital-
ized that stronghold of masculinity—The Slip-
stick.

Bill Watson has things well in hand at pres-
ent; he now acts as financial adviser to the
secretary of the Civil Department . . . While
considering the Civils, we wonder if they
have any S.A.? . . . The Senior Mechs seem
to have taken over the dictation to the sec-
retaries of the department . . . The wolf of
the Frosh, Wally Pruter, sat all summer at his
desk in the coop with his tongue hanging out
—it wasn't from the heat. The News Bureau
had to pass him every time she left the office.
. . . Latest reports from the Summer Seniors
have it that Ray W. (my heart is in—
Ohio) Smith spent the better part of the sum-
mer trying to date Sylvia, "La Belle Sans
Merci" of the registrar's office. The fortress
still stands. We wonder how that Co-op
pierced the stone wall to her heart—we wan-
na take lessons . . .

To whom it may concern: the ROR₂ is
starting their first annual campaign for mem-
bership. All interested should apply for
membership in the Integral Office. The ap-
licants must pass stringent examinations and
are placed under observation for a short pe-
riod of time. The emblem of the organiza-
tion takes the form of a half-moon on the
Hudson . . . A lowly frosh recently tested the
Institute's policy regarding draft boards.
Asked he of Registrar Kelly: "Does the school
guarantee draft exemption to those who pay
their \$150 tuition?" Considering the rate at
which freshmen were admitted one might
wonder if there weren't something to the
laddie's query. . .

These few items just about cover the situa-
tion here on the south campus. If you have
any choice items about your associates,
which will make them writhe and squirm drop
them off in the Tech News Office. . . So
long 'til next week.

B. T. O.

BLITZKRIEG!!

Now that "Uncle Sammy" has allowed the
old student body of I. I. T. to resume its
studies and activities, you'll find your faith-
ful sixth columnist right on the job. Yes
siree . . . you can't escape from me!

My goodness, how war does change the
trend of conversation. Not so long ago,
when you met an old friend of yours, he or
she would ask, "How have you been?", now
they'll ask, "Are you married yet?" Seems
that Mr. Cupid has been hitting the jackpot
lately. ANN MOSSNER now has "Mrs."
tacked to her name. ATHLETIC ANNIE,
how you surprised us . . . yes ma'am, you dood
it! . . . LT. RICHARD BARNES has said, "I
dood it" also. MRS. BARNES is a distant
relative of the Lt. Well, there's such a thing
as family tradition, you know . . . LT. RAE
BERRY is now stationed in California . . .
and so is MRS. BERRY!!! . . . HOWIE HER-
ZOG and FLORENCE ALDER have made it
"Mr. and Mrs." So have LIL SNODGRASS
and AL REYNOLDS.

Guess more people might like to travel
via airplane, now that that WCISLO kid is
intending to become an airline stewardess!
Oh boy! Can't you imagine getting air sick
with her around?

Hear that "ACE" PERKINS is ferrying
Bombers to and fro over the Atlantic . . .
and that GLORIA LANDIN'S "RIP" was on
the Yorktown when the ship was sunk . . .
course "RIP'S" O.K., GLORIA tells us. She's
beginning to sing "Wonder When My Baby's
Coming Home" . . . Well, aren't we all??

Si, si, Senoritas JACKIE and LOUISE are
back in our midst again, back from south of
the border, where they attended the U. of

Mexico during the summer months. Yep,
they're back in full swing . . . and so is
GEORGE DREVI . . . gool ol' reliable
GEORGIE! . . . Little VI SIEVERS looks lone-
some without Co-op BOB KENNEY to keep
her company. It won't be long now, VI, he'll
be back . . . Co-op RUS KOLMAR is "co-
operative" in more than one way . . . if you
don't believe us, ask HELEN GORDON.

You should have seen Kappa Kutie ETHEL
WITT rushing out of the Lady's Rest room to
get to the Cafeteria on time . . . she was
scheduled to make eighty hamburgers.
That's what I call mass production . . . for de
stomach, not defense!

Gamma Rho ERWIN POWELL came to
visit his old pals last Tuesday. POWELL, you
haven't changed a bit . . . ask the Lambdas,
they'll tell you . . . he's a great guy, tho.

Got an inkling that Uncle Sam's Signal
Corps is claiming two more of the Lewis
"buddies" . . . they are BUCKY WALTER
and JOE MINGA, by name. It already has
BOB "SONNY" TANDRUP. What will YOU
do now, HANK?

Big boy PAUL BROCKMAN'S mighty
pensive these days . . . what's her name,
BROCK?

The Co-ops tell me that they are study-
ing this semester but they failed to tell me
what they were studying . . . ?

From the looks of ye old library there will
be no more collapsible chairs found within
its portals . . . we hope! Pretty snazzy, eh
what . . . New chair and also don't overlook
the new desks. Yes, chillun, things are look-
ing up around these portals.

The Seventh Columnist

by Raymond W. Sauer

Daniel R. Bergsmark, associate professor
of geography at the University of Cincin-
nati, says forest fires in this country annually
destroy wooded areas 35 per cent larger
than the state of Ohio.

Bergsmark, reporting on studies he has
made of forest fire devastation, declares
relative humidity is the greatest natural fac-
tor in the start and spread of fires.

"All of the great historic fires have oc-
curred during periods of low humidity when
the air feels dry," he said. "I have observed
in northern Minnesota and Wisconsin that a
relative humidity below 30 per cent has
caused fires to spread beyond control."

The rathskeller of the University of Wiscon-
sin Memorial union, long "for men only," has
recently been opened to women students.

Five of Louisiana State university's cor-
respondence students are getting their ques-
tions and grades by foreign mail.

Feeling sentimental about the University
of Oklahoma's curfew whistle, which is sched-
uled to be replaced by chimes, officials have
proposed that the whistle be cut up and
made into watch charms. The curfew signal,
has been in use 36 years

A portable alcoholmeter to be used in de-
termining degrees of drunkenness, invented
by two Yale University scientists, has been
formally accepted by Connecticut police.

Fifty-two per cent of college students in-
terviewed in a recent survey said they own
typewriters.

Prof. W. W. Wilson last year found the
going a little difficult in his Michigan State
college Spanish class.

The recitation first was disrupted when a
coed's string of pearls broke and a 20-min-
ute search was instituted for the beads.

No sooner had order been restored than
the classroom door opened. A young man
stepped in, calmly surveyed the students,
spied a co-ed, and threw her a candy bar.
Then he turned and walked out.

Class was dismissed.

New Jersey has awarded scholarships to
Rutgers University and New Jersey college
for women to 30 physically disabled young
men and women with high scholastic records.

Lain in 1820, the cornerstone of Bentley
hall, Allegheny college, contains a piece of
Plymouth Rock, marble from Dido's Temple,
mortar from the Tomb of Vergil and brick
from the tower of Babel.

While only 2 per cent of the total United
State's population is college trained, this
group comprises 86 per cent of listings in the
1940-41 "Who's Who in America."

Students are in poorer physical condition
when they leave the University of Minnesota
than when they enter, says Wesley E. Peik,
dean of the college of education.

Timothy Alden, founding president of Al-
legheny college, was a direct descendant of
John and Priscilla Alden of Plymouth Rock
fame.

An intensive course in beginning Japanese
is being given at the University of Michigan
to meet the demand for competent transla-
tors of that language needed in government
service.

Undefeated Civaero's succumb to Mech no.1

In a gallant, uphill battle a scrappy Mech 1 team emerged victors in an all summer softball fight for supremacy.

Despite a 21 game Civaero winning streak which landed the Civaeros on the top of the heap, the Mech 1's outlasted a second Mech squad in the battle for a chance to meet the Civaeros, then conquered the favorites in the playoff to cop the title.

Facing a Civaero squad which had encountered the best the other departments could muster over a period of ten defeatless weeks, the Mechs got to the Civaero ace, Mario "Rocco" Silla for ten runs and victory. Hurlers Jack Byrne and Phil Schubkagel meanwhile held the Civaeros to three runs and five hits over the nine inning route.

George Martinek paced the winners' attack with four safe blows, while Bob Johnson and Al Dambros connected for three apiece. Earl Sherman aided the losers cause with two safeties.

The battle was decided in a big top half of the fourth rally, when the Mechs broke loose for five runs to break a 2-2 tie. They added one more in the fifth and two in the sixth, to put the game on ice. Though the Civaeros scored once more in their half of the seventh, they couldn't get back in the game. Neither team scored again and the game ended with the Mechs on top by a 10 to 3 score.

Lewis intramurals open with meeting today in gym

by Hank Pachowicz

Listen, fellows, the army needs men so combine your patriotism with pleasure and enlist in the Lewis physical fitness program. The season's activities begin Tuesday, October 6 at 2:00 p.m. in the Lewis gym, where the intramural athletic program will be determined by the turnout at the meeting.

The list of sports to be offered includes touchball, swimming, ping pong, fencing, track, bowling, badminton, archery, boxing, wrestling, weight lifting, and basketball, depending upon the total response of the student body including regular, co-op, and defense students.

Opening the fall program will be the touchball tournament. Teams should be organized immediately and both team and individual entries will be accepted. Further details will be presented at the Tuesday meeting by Coach Grant Stenger.

Direction of the activities will be conducted by a student intramural manager appointed by the Lewis Student Council. All that is needed now are the fellows to participate and the program furnishes you what you want and when you want it.

"Uncle John" students' pal

Amiable, capable director of the athletic department here at IIT is John J. Schommer, affectionately known to the boys as "Uncle John." Trustee, director of placement, and professor of Industrial Chemistry, are some of the other titles he has also undertaken to administer at IIT. Recently Mr. Schommer turned from umpiring college football games, to step into the professional ranks in the same capacity. He has "umped" several "All Star" games, and has already, this season, traveled to Green Bay to see that our Bears weren't mistreated by those big, bad Packers.

But if you ever want to meet "Uncle John" on his own ground, just mention hunting or fishing in his presence. He is one of the best fishermen in the mid-west, as anyone in Northern Wisconsin will attest. Further evidence may be seen in the many pictures and specimens that adorn the walls of his office.

That Illinois Tech has one of the best, if not the best, placement departments in the United States is due in no small measure to his interest in the student body and his intimate connections with the business world. Through this experience with personnel men and applicants for jobs, he has acquired a vast knowledge on "job finding." The book he is threatening to write is on etiquette of finding and keeping a job.

"Sonny" Weissman leads busy life

Mr. Bernard Weissman, coach of baseball, boxing, wrestling, and better known to the students as "Sonny" begins his fifteenth year at Armour this fall.

The congenial little fellow attracted attention as an athlete while attending Lane Tech, starring in baseball, basketball, track and soccer. In the meantime he found a little time for study, and he entered DePaul University in 1924, to emerge four years later with an A.B. and an L.L.B. degree. Sports were not neglected, however, as he again made a name for himself in the athletic field.

In the fall of 1928 Sonny became Armour's boxing coach, and when wrestling was revived in 1932 he took the responsibility of guiding that team. That he has been a success in these undertakings is amply attested by the records these teams have made since he took the reins.

From April, 1934, until November of 1937, he also served the United States as an enforcement officer in the Internal Revenue department. In December, 1938, Sonny was appointed manager of the Student Union, and in the fall of the following year he became assistant athletic director to John J. Schommer, athletic director of Illinois Tech.

Since that time Sonny has added to his activities the position of referee, since 1934, in the National Amateur Boxing Association. For the past seven years he participated in the Golden Gloves tournaments in that capacity. In addition to this, Sonny has taken on his shoulders a great deal of the administering burden of the Engineering Defense Training Program during the past two years.

TECH TALLIES

as found by Don Keigher

Greetings, lads and lassies. Well, here we are back again starting on another leg toward that coveted degree. Maybe we shouldn't say back again when 275 of us were gone only ten short days. Gosh, we hardly went away! But all the more reason for getting hep on athletics.

Don't forget, fellas, there are a lot of letters to be won, sweaters to be worn, and dozens of intramural medals to be hung on someone's "belly-brass" chain. So let's get cookin', frosh and upperclass men. There's a lot to be done in the varsity and intramural sports.

Saw some of the senior touchball teams out last week getting a little early season practice. Ogden Field was the scene of a lot of sweating and swearing (shame on them!) by the Fire Protects and Chemical last Friday, but that smooth operating senior Mech sextet turned in the best showing so far. Everyone seems to be in terrible condition, however; must be from all that late report writing and book wrestling last summer.

By the way, Ken Jacobs, high mogul of intramural activities, was telling me that the first league games of the '42 touchball tourney are set for October 12, so get those rosters and schedules in now! From present indications, this year's touchball tourney entries will far exceed last year's nineteen teams. Why, it looks like there are going to be that many freshman teams alone. If there are that many frosh sextets it looks as though the frosh will have a league all their own. (Happy thought for upperclassmen teams).

The Senior Fire Protects are already clamoring for second place medals; they've long since conceded first honors to the senior Mechs. Along this same line 'tis heard that Warren Furst, cocky soph of athletic renown, talked his own department into not having a team so he could join the Soph Mech aggregate. The two latest recruits (as if they needed any), to the star-studded senior Mech roster are Chet Swan, 190 pounds of hard-charging lineman, and Ken Jacobs, another Pete Zernaitis. After two years of dormancy, the '43 Juicers have an entry in the tourney already. Say, keep an eye on that frosh team that Larry Rademacher has organized. 'Twas rumored Larry has a skull practice every time he is supposed to be doing his frosh advising.

Another inside fact we picked up on the athletic scene: according to reliable sources the Rifle club has reached the crisis of its career. The Chapin hall gunners are unable to purchase more ammunition to augment their present stock of 44,000 rounds. Of this, 15,000 must be reserved for the varsity rifle team, hence leaving only 29,000 rounds which a hundred riflemen can easily dispose of in three weeks. It seems indeed shortsighted to triple the capacity of the club's ranges which will only hasten the ammunition shortage.

Say, did any of the readers see those Mech 1's smack the highly touted Civaeros all over Ogden Field last Tuesday? That 10-3 defeat was the first the flying Civils had to take in 22 straight games. The irony of it, is the fact that it gave the Mechs undisputed title to the summer softball crown. Guess Lady Luck deserted the Civaeros after months of amiable assistance.

Looks like the intramural champion golfing trio from the Junior Chem department won't repeat with number one divoteer Harry Gillespie, now a Mech Aero. The second place senior F.P.E.'s chances are also dimmed as Joe Pruzinski was awarded a golfing letter, making him ineligible for intramural play.

Another certain-not-to-repeat champion is Delta Lambda Xi in intra frat touchball. The Alpha Sigs should succeed to the title if the Phi Kappa Sigma menace (mostly Bill Lease) can be stopped. Dark horse in this meet is Rho Delta Rho who possesses the best reserve strength on Fraternity Row.

Our boss, Sports Ed. Bechtolt just dropped a hint that our 15 inches of drool for this issue is finished. Any more than this just runs off the bottom of the page, so I'll be seeing you next week, I hope.

P.S. Keep your eyes on this column next week 'cause we're going to divulge some straight dope on the hockey team plus some favorable news on the intercollegiate bowling league.

Ed.'s Note: As you can easily see, this drooled on for over 15" so to save D.J.'s column we kind of caught it up and carried it on to another column.

R. B.

Hayakawa announces fencers' future

Dr. Hayakawa, sponsor and coach of the Fencing Club at Armour announced last week that the future of the Club depended upon the war situation. Enough equipment is on hand for the present season, but the outlook for replacements is rather dark. Together with co-captains Ray Krause and Bob Kirk, he is planning the program for the coming semester.

The schedule of the Club is indefinite as yet, as are the rest of the indoor sports, until the sports program is established at the Armour. Fencing will be offered at last two days a week, and arrangements can be made for other times. Notices will be posted as soon as the organization is ready to commence practice.

In the past, the Club has vainly tried to put a team into the field. Conditions this semester look more promising, as the old veterans are still here, and the incoming freshmen are contributing several experienced men. Anyone interested in the sport is welcome at the practice sessions; experienced men are being eagerly sought.

Interscholarship competition is somewhat doubtful, but the Club intends to enter a team in the Amateur Fencers League of America, Illinois division. This is a national organization which promotes and referees various kinds of fencing matches. The Fencing club is looking forward to a very successful season.

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Our 28th Year

Open touchball drive with fall tourney

Fore! The rustic bellow of the golfer is again heard as his terrific wallow dribbles upon the fairway. Once more his temper will break as he misses a two foot putt. Blasphemy will echo across the valleys when our Tech men go searching in the bushes, for that precious priority pill. All fooling aside tho, fellas and femmes, our intramural managers are promoting the annual fall golf tournament. Here are the facts:

At precisely 9:00 a.m. Saturday, October 10th, all those who are interested are to meet either in the club house or at the first tee of the Evergreen Golf Links. There to conduct the tournament will be that genial southern gentleman, Mr. Sam Bibb, our golf coach, and Pete Zemaitis, the assistant intramural manager.

Eighteen holes will be played and the sixteen lowest scores will survive. These sixteen will be matched in a second round to determine the eight lowest. The following Saturday, October 17th, these eight men will shoot to determine the top four

of the tournament. These four men will receive medals to hang upon their respective key chains.

The Evergreen Golf Course has been tentatively chosen as the sight of the tournament. A fee of \$1.50 per person is what the course is charging each contestant. This will include, use of the club house, showers and rights to play all day. The golf course is located at 92nd and Western and it can be reached via the Western Avenue surface lines.

We are informed that the whole of the golf team has graduated or will graduate before the opening of intercollegiate competition. Mr. Bibb's letter men have left him to fight or work for Uncle Sam. This means that all positions for the team are wide open. This tournament and the spring golf tournament are the only means by which Pop Bibb can observe and select prospective members.

Polish up your golf clubs, dust off that bag and join the fight for those medals. See you there!

Armory for IIT physical training program sighted

Plans are now being formulated for the use of the 108th Engineers' Armory for the new compulsory gym program to be inaugurated this semester. The armory has been the sight of the winter practice sessions for the basketball team as well as the indoor practice courts for the tennis team. As far as is known at the present time the basketball team will still use this floor when they start to practice. In the meantime the intramural indoor program together with the gym program will be carried out in the Armory.

The Armory floor, for those who have not seen it, is as big as four regulation basketball courts placed side by side. Each court is approximately 80 feet by 40 feet overall size. In the northwest corner of the floor there is a softball diamond laid out on the floor. This gives a left field about 175 feet deep and a right field about 80 feet deep thus giving a fairly large playing space for indoor baseball.

At present there are available about fifty good size lockers where the fellows can store their clothes. There is a possibility of obtaining about 100 more so that the total capacity of the locker rooms may approach 600 fellows. If more doubling up is done this capacity may get closer to 1000. In addition to the lockers there is now available 27 showers in three shower rooms. If present plans are carried out the capacity will be increased to around 100 showers which will give adequate capacity for the fellows using the armory.

At this point it might be pertinent to add that the gym can only be used from 4 p.m. to 6:30 p.m. which of necessity makes the classes rather large. But in view of the general sacrifices being made for the war effort this doubling up in classes will not be too objectionable. The gym staff has a varied and healthy program available for the students and there will be a concerted effort to enroll other students who are signed up in the "V" Programs of the navy and the reserves forces of the army and marines.

Plan to rope in brawny Techmen

Get in condition son. You had better stop those banana splits and mashed potatoes. The time has come for those morning push-ups. In a short time you, who pride in your physical powers will have the opportunity to prove it. The occasion will be the intramural wrestling and boxing tournament. Winners of each weight class is to receive medals.

Pete Zemaitis has informed the Tech News that this tournament is being planned. Watch the bulletin boards and the TECHNOLOGY NEWS for further particulars.

This tournament will assist Sonny Weissman, boxing and wrestling coach, in picking his new material for his next seasons teams.

Divoteers to duck drives as Bibb opens fall meet

Lemme at em! Gimme da bawlll! I'll moider dose guys! Taint "dose Bums" in a Sunday doubleheader, but twelve wild and wooly Tech-hawks kickin' king football into the swing of things. Pete Zemaitis, chief deputy riding herd over the intramural touchball rodeo has received orders from intramural manager Ken Jacobs to "shoot the works" to make this the biggest and bestest tourney ever to take place in these pastures.

In line with our armed forces' drive for physical preparedness, all out efforts to get everyone, "and we do mean you", to let down their hair and help themselves to gobs of healthy athletic participation.

Unlimited numbers of twelve men squads per department are encouraged, the only stipulation being that a varied personnel be presented with each entry. Teams must be assembled by Friday eve, however, as the first games will be scheduled for next Monday.

Lack of space will be no excuse. ITSA prexy Hugh Story promises that at least three full-sized and lined fields will be available for use, and if public clamor makes it necessary, a fourth might conceivably be weighed between the Physics Building and Chapin Hall.

'YE ED DROOLS'

by Bob Bechtolt

Every day, every minute, every second, the nation's consciousness of the war grows. Here at Illinois Tech the possible curtailment of the sports program by the war brings even closer than ever the knowledge that the war is vitally affecting our every move.

The first intercollegiate sport that comes to mind in the fall is the basketball team. Coach Remie Meyer is now with the Navy and as far as is known now no new coach has been appointed. Bill O'Brien, frosh mentor, is in line for the job if he can spare the time from his regular employment. Besides the limitations of no coach the team faces the possibility of a limited schedule because of fire and gas restrictions. In the past the team has used chartered buses which are no longer available and now the boys will have to travel on the trains whose schedules are now uncertain because of the tremendous amount of war traffic. This practically eliminates any games which require much travel.

The swimming team still has its faithful coach in the person of Coach McGillivray. However, this outfit has no place to practice and they also are faced with the transportation problem.

Tennis and golf are limited because of the vital rubber in their balls. Also, the long distance to the golf links has necessitated the restriction of needed practice sessions. The tennis team has the added disadvantage of no coach, since Doc Davey left for Washington, and no place to practice indoors, since the Armory has been closed for all except limited civilian uses.

This rather discouraging epistle could go on and on but you get the general idea by now. Something drastic must be done if the sports program of IIT is to continue.

The tournament will be of the two-bracket type, and plans are being made for separate tourneys for upper classmen and frosh, if the frosh turnout is as large as is hoped and expected.

Under Ken Jacob's plan of appointing competent men to devote their energies toward promoting major intramural events, with the entire organization co-ordinated under his leadership, an active and efficient organization of officials is being formed with Jack Mahoney at its head. Anyone interested in officiating these contests should see any of the above mentioned lads as early as possible, and will be expected to work only during their free periods.

Ping pong will be started shortly after touchball gets under way, while basketball will probably start near the climax of the tourney. Interclass hardball will be suspended for the duration as all equipment is being conserved for the varsity squad. But while all else is as yet uncertain, touchball is here, now, and for certain! Let's get in and make an even greater success of this event than it has been in the past, help our country and ourselves by building better men, and have a lot of fun at the same time.

Several of the boys at school have been toying with the idea of setting up a Chicagoland league. This league would include such schools as North Central, Wheaton, Elmhurst, Northwestern, University of Chicago, IIT, Loyola, and possibly Wright, Wilson, Herzl, Morton, and Thornton junior colleges. Naturally some of the schools as the U. of C. and Northwestern would have an advantage over the other boys but this could be balanced by limiting competition from these schools to the "B" teams.

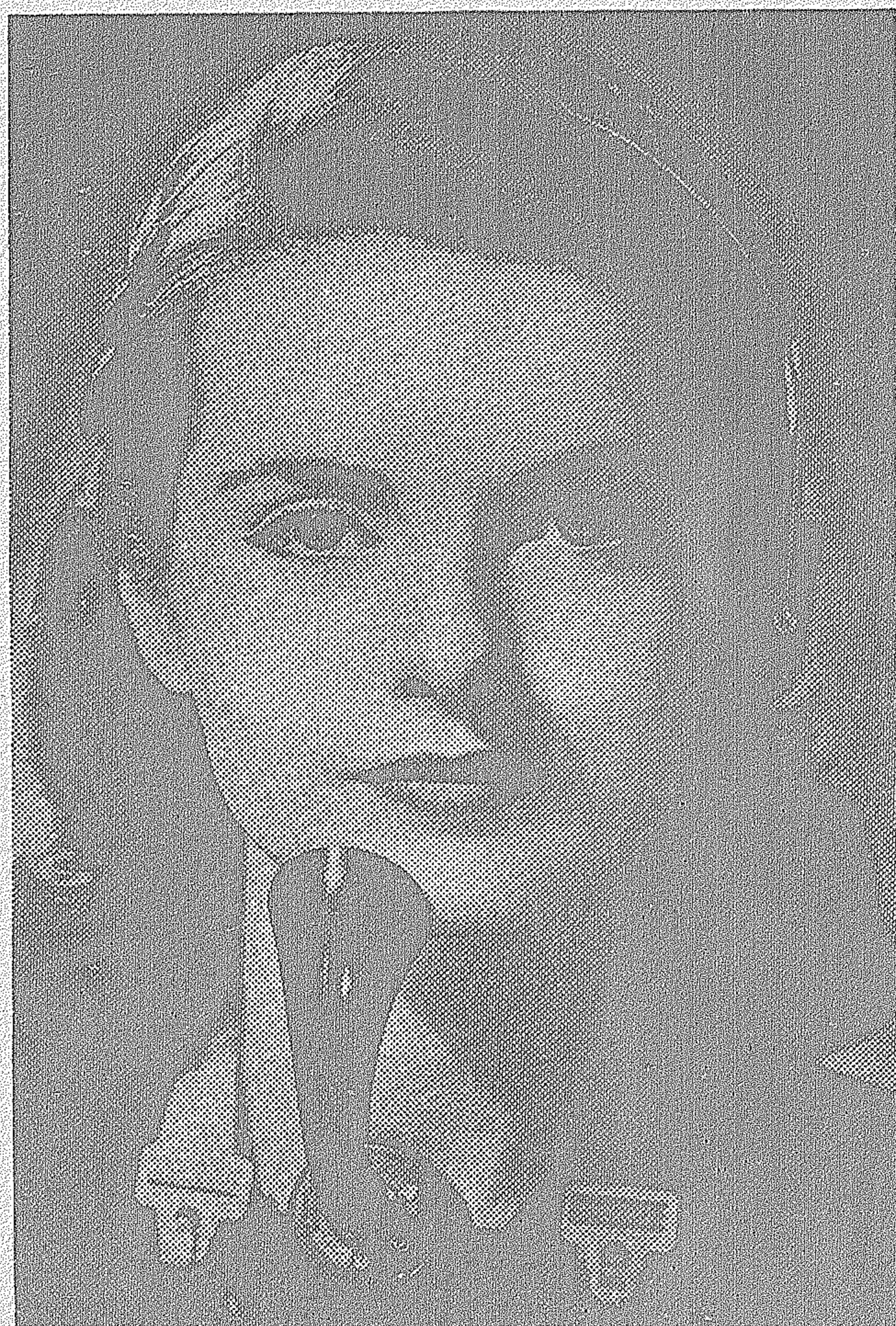
Hare-brained idea, you say? Well, maybe so, but the war produces strange bedfellows and this league would not by any means be the strangest.

Girls' sports under capable leadership

Of prime importance to the women's sports is Mrs. Olive Pierce Hazel, who, as in the past 23 years is director of that department again this year. Through her studies at Columbia College of Expression, of which she is a graduate, Dalcroze school, Germany; Cecil Sharp school in England and also the University of Chicago, she has been able to obtain information of interest to students at the West side campus.

In addition to these studies Mrs. Hazel has studied types of dances which aid largely in her work at Lewis. Her instructors in these courses have been such people as Harold Kreutzberg and Isadora Duncan.

Mrs. Hazel was the director and organizer of the Columbia School of Physical Education from 1912 to 1921. Prior to this she was in charge of recreational work at the Kansas City YWCA.



How YOU can help her speed vital war calls

WHEN you're about to telephone, remember that the wires—especially Long Distance circuits—are busier than ever before, with war calls. We can't build new equipment to carry the load because the materials we need are going into ships and planes and shells.

Here's how you can help to keep the lines open for war calls. Unless your message is really urgent, please don't use Long Distance service. But if you must, please make your calls as short as you can.

Thanks!—we know you'll be glad to help!

WAR CALLS COME FIRST!



Yippee, one gal enrolls at IIT

The technical nature of World War II is reflected at Illinois Institute of Technology where an all-time record number of students are beginning classwork for the fall term.

Although no girls are included among the freshman engineers, one coed is in the civil engineering department. She is Ellen Holmes, a senior who transferred from Purdue University.

For the first day of upper-class registration a total of 1430 undergraduate day students had enrolled as compared with a final registration figure of 1432 a year ago. Upper-class registration, itself, was 90 below last year's final figure, but was expected to exceed that total by last week.

Engineering freshmen, meanwhile, have set a new record by 45 per cent—a total of 725 as compared with 500 last year, including co-operative students in both cases. Vice-President L. E. Grinter addressed the new students saying that their decision to study engineering "is the greatest possible contribution to the service of your country." The new freshmen included 180 men in the new 16-week cooperative course. In addition about 400 returning cooperative students were expected to register on October 5.

The newly-enrolled students come

Vagtborg analyzes Argentine report

Argentina may prove to be a source of some of the critical chemicals needed by America's war effort, Director Harold Vagtborg of the Armour Research Foundation said today on the basis of a report from the Foundation's field party now making an industrial survey of the South American nation.

At least four important chemical and mineral products—which are critical in the war effort and of which the United States has a definite shortage—have been studied by the party in Argentina and found to be present in practical quantities.

The one important mineral product found by the Foundation party in Argentina to date which promises to be of help to the American war effort is asbestos. The study as yet, however, has not gone far enough to reveal whether or not the Argentine deposits are of the long-fibre variety, which is desirable for most purposes. There is a very serious shortage of asbestos in the United States, Foundation experts say.

from at least eleven states and also include men from Canada, Chile, Germany, Italy, Norway, and Czechoslovakia.

Dr. Yellott lists senior electives

Dr. John I. Yellott announced the new senior electives in Mechanical Engineering.

They are:

Ch.E.432, Applications of Metallurgy, Zemiskal; M.E.433, Vibrations and Balancing (3 semester hours), Griffin; M.E.414, Airplane Engines (3 semester hours), Roesch; Math 301, Differential Equations (4 semester hours); M.E.435, Tool Design, Kozacka; M.E.406, Refrigerating Engineering (3 semester hours), Nachman; F.P.E.411, Principles of Fire Protection Engineering (2 semester hours), Finnegan; M.E.440, Marine Steam Power (3 semester hours), Yellott.

175 women inspectors being trained at IIT

War training for women at Illinois Institute of Technology offers women a chance to serve the nation in the war effort. Among those being trained at the present time are 175 ordnance inspectors.

The ordnance training is for nine weeks. During this time, the women are employed by the Chicago Ordnance District and are trained by Illinois Tech. Every woman in Chicago who has a high school diploma can take this course and be paid for learning.

Faculty Briefs

Mr. Opatowski attended the University of Turin in Italy and was with the Fiat Company from 1936-38. He has also served as a mathematics instructor at the University of Minnesota and is now with the Armour Research Foundation.

Professor Heins received his Ph.D. at Harvard and was in charge of instruction for Advanced Study in Mathematics at Princeton for two years. Dr. Heins is at I.I.T. as an assistant professor of mathematics.

Two new instructors in mathematics at I.I.T. are Dr. G. W. Mackey who received his Ph.D. at Harvard, and Dr. Willis Caton who received his Ph.D. at Yale University. Maurice Singer, from Tulane is a new graduate assistant in mathematics.

IIT alumni hear report on "Technology Center"

Illinois Institute of Technology alumni in Cleveland, O., and Buffalo, N.Y. met last week to hear Bernard P. Taylor, assistant to President Heald, discuss the Institute's development program.

Mr. Taylor discussed the role which alumni will play in the development of the Institute's new "Technology Center." He also reported on the progress of the alumni fund campaign, which to date has raised \$50,000 for the development fund.

IIT war-training program turns out numerous trainees

Last week a "co-educational" class of 64 ordnance inspectors received certificates from Illinois Institute of Technology's war-training program.

The graduates will go into immediate service with the Chicago Ordnance District.

Prepared to combat any and all types of accidents in explosives plants, twenty-four explosives safety experts are about to emigrate to munitions plants throughout the United States.

In addition, 113 supervisory workers were graduated from a special war-training course in industrial management for foremen.

KNOCK ME a KISS

doctor zadkine was somewhat hampered in his rematic neoclassundricities by eric mendelsohn, notorious belgian mathematician, who kreily spoke to the students on some of the medium complex theorems of higher applied mathematics. after a thorough explanation of einstein's theory of relativity, professor mendelsohn then stated "when a biforcuted ampulse traveling at equal speed meets two flangentric angles, it muctornamically diverges. this is known as multicoonpitation or, alternately, tilthy's law of hyperbatic calcosity."

IN THE AIR FORCE they say—

"DODO" for the new flying recruit

"KITE" for airplane

"HIT THE SILK" for taking to parachute

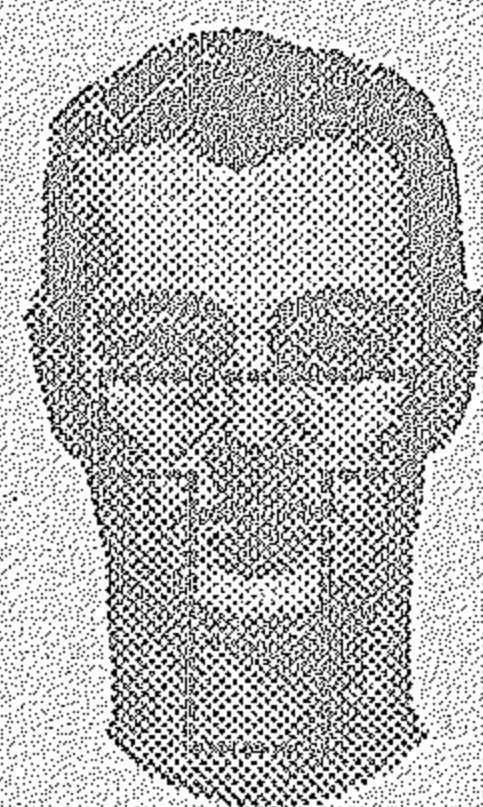
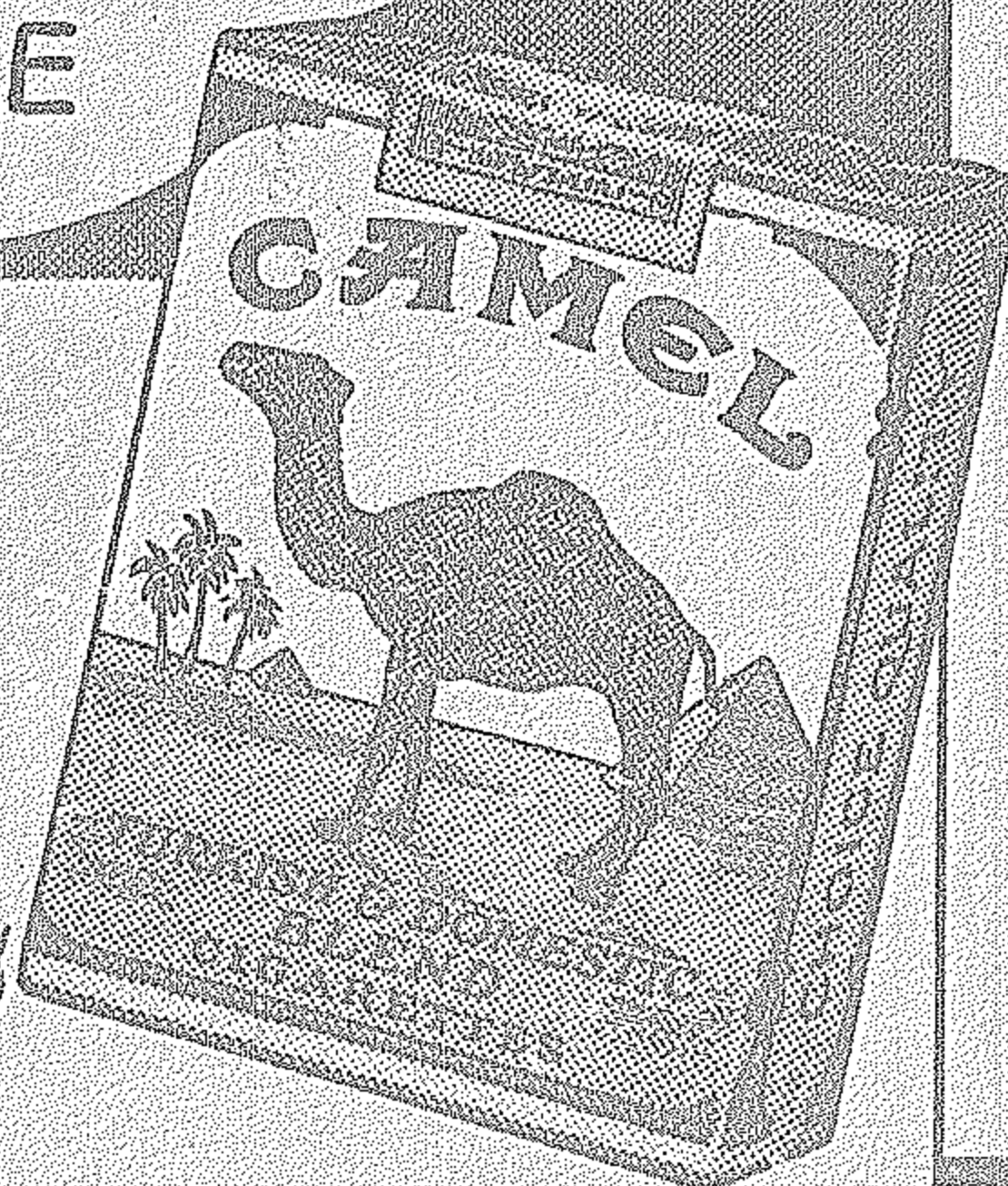
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