

Metals, Research building dedicated

Argentina declared Pro-Ally

"The Argentine people are definitely pro-United Nations," declared Doctor Francis W. Godwin, assistant director of the Armour Research Foundation, after a 25,000 mile trip through the South American nation.

The apparent coolness of Argentina toward the United Nations has been largely a matter of governmental policy and not representative of the people's opinion. Foreign policy has been determined by an unpopular vice-president, now president because of the former chief executive's untimely death. However, the political aspect of the journey was of minor importance.

Doctor John A. Hopkins, economist with the Foundation, and Doctor J. A. Schellenberter, a bio-chemist, assisted Doctor Godwin in the ten month study of Argentine resources and industry.

Sponsor of the research problem was the Argentina Trade Corporation, a subsidiary of the government. Godwin and Hopkins also worked with the Central Bank and the Ministries of Finance and Agriculture.

Government Sponsors Research

"A firsthand knowledge of industry, transportation, agriculture, schools, and universities was necessary before an accurate analysis could be presented," explained Doctor Godwin.

The scientists took field trips into virtually every province and territory, through the jungles in the north, along the Andes in the west, and among the rich agricultural valleys. (See Argentina on page 3)

Tech Timetable

- Tuesday**
 2:00—ITSA settles affairs in Faculty Grill
 4:30—Honor I confabs in U2E
 5:00—Orchestra practice in main hall of the Union
 5:30—TechNews managing board allots space in News Offices
 4:00—IIT and Concordia tangle in basketball here
- Wednesday**
 4:30—Wheaton and IIT wrestle in the little gym
 5:10—SUBC wrangles in Faculty Grill
- Thursday**
 4:30—IIT and Chicago Teachers settle basketball scores here
 6:30—'43 Integral banquet downtown
 7:45—AIChE smoker holds forth in Union Lounge
- Friday**
 10:00—Dr. Hayakawa addresses freshmen assemblage in main hall of the Union.

Col. J. L. Walsh speaker at conference

Professor Stanton E. Winston announces that the speaker for the All Engineers' Dinner held in connection with the Midwest Power Conference to be held April 8-9, will be Colonel James L. Walsh, U.S. Army. Colonel Walsh, a West Point graduate, was the first ordnance officer in the world to work out a plan for putting ordnance material upon a mobile basis. He organized the mobile repair shops and the ordnance depot companies for the first forty-four divisions of the American Expeditionary Forces in World War I.

In recognition of this outstanding service, Colonel Walsh was awarded the Distinguished Service Medal on the recommendation of General John J. Pershing. He has since been awarded the Crozier Gold Medal for contributions to national defense, and is now the chairman of the War Production Committee of the American Society of Mechanical Engineers, in which capacity he will address the Midwest Power Conference.

The Milwaukee Engineering Society will cooperate with the Illinois Institute of Technology in holding the Midwest Power Conference to be held at the Palmer House. The (See Power on page 3)

Selective service status clarified at class meetings

President Heald and Professor John Schommer addressed the Sophomore class on Wednesday, and the Junior class on Thursday, January 13 and 14, concerning their status with respect to selective service. Professor Schommer revealed that all engineering students who have completed thirty-five hours of college credits are eligible for deferment provided their scholastic standings are up to par. He urged that all sophomores not already enlisted in any of the reserve corps, remain in school. Schommer brought forth the need for engineers both in industry and in the armed forces, and he promised that the school would do all in its power to secure deferments for students subject to immediate induction.

President Heald supplemented Schommer's address by clarifying the position of the reservists. Army reservists will be called at the end of this semester for thirteen weeks of basic training after which they may be assigned to specialized training. The type of specialized training will depend upon the individual's grades and the results of army aptitude tests. To date no mention has been made of the Army Air Corps, Navy, or Marine Reserves so that it is assumed they will complete the next semester.

SYKES OPENS CAN



Mr. Wilfred Sykes, president of Inland Steel Company and member of the Board of Trustees of IIT, is shown turning the switch which began the dedication ceremony of the new Metals and Minerals Building.

Doctor Francis Godwin

Co-op store announces a 6% dividend

The semi-annual general meeting of the Engineers' Co-op Bookstore was held last Friday, at 2:00 p.m. The report on the business done by the Co-op since the meeting last April disclosed that gross sales have totaled approximately \$12,000 and a 6% dividend has been declared. Students may obtain their returns any time now. 110 new members have joined the organization, and a hundred feet of new shelves have been erected. An up-to-date membership list has been compiled and the receipts tabulated. It was also announced that a paid manager was employed for eleven weeks during last summer.

With the election of officers, Irvin Slone, M.E. 3, was elected president to succeed Earl Mills. The new directors on the board are Maximo Langer, M.E. 2; Charles Kill, M.E. 3; and Ray Tubergen, F.P.E. 3. The Co-op classes will elect their representatives to the board next February.

Books have been ordered for most classes for next semester, and President Sloan promises a larger inventory for selection, and better service all the way around.

Each half year four members of the board are elected so that inexperienced men may receive the benefit of the older directors. The retiring members are Henry Alenkamp, Marvin Kessler, Larry Ryan, and Pete Zemaitis.

Ordnance inspectors complete training

Twenty-seven women and six men, ready to go into the front lines of industry, completed war training in ordnance inspection last Saturday at the Illinois Tech's "earn as you learn" program, which pays them \$120 per month while they train.

Graduation exercises were combined with a luncheon, held at twelve noon Saturday at the Morrison hotel, 79 West Madison Street. The principal speakers on the program were two members of the class, selected by their fellow-trainees. They were Mrs. Jean Neill, Chicago, and Joseph Norris, Gary, Indiana.

William Mier, representative of the Chicago Ordnance District, officially welcomed the trainees into the district, where they will be employed. Professor J. S. Kozacka, educational supervisor of ordnance inspection, presented certificates to the 33 graduates. Dean Fred A. Rogers, executive director of war training at Illinois Tech, presided at the ceremony.

Publication scores

One of the many publications of Illinois Institute of Technology is the Technometer. This small but significant industrial newspaper, came into existence shortly after Mr. Ridings was appointed publicity director for the school, over a year ago.

Recently the Technometer was awarded second prize in the newspaper division of the Industrial Editors Association of Chicago, in recognition of the excellent work done by this paper.

Ceremonies opened by wire recorder

The dedication of the new Metals and Minerals Research Building last Monday, January 11, 1943, marked one of the first steps toward the realization of a "Technology Center", the name by which the new campus will be known.

Only one operation, the turning on of the wire sound recorder developed by the Armour Research Foundation, was necessary to stage the entire dedication ceremony. Following the completion of the luncheon, the voice of the master of ceremonies came out of a loud speaker, opened the ceremonies, and introduced the speakers. President Heald was asked to stand and take a bow. He then sat down, relaxed, lit a cigarette, and listened to his own speech, previously recorded. In the same manner Mr. Harold Vagtborg, director of the Armour Research Foundation, listened to his speech as it came over on the loudspeaker.

Guests Tour Building

Following the talks, the foundry operations were set in motion by means of a sound tone. The tone began above the audible range, came screeching in at the high point, roared through to the low point, and passed on below the audible stage. Eighteen minutes after the tone was sounded, the first steel was poured from the induction furnace. While waiting for the first pouring, members of the Foundation demonstrated the forging of magnesium, and exhibited a core blower. Following this the program was concluded with a tour of inspection of the entire building.

The attendance at the dedication was limited to the Board of Trustees of Illinois Institute of Technology, the Board of Trustees of the Institute of Gas Technology, and industrial and research men sponsoring projects at the Research Foundation, along with representatives of the press. It was felt by officials that a dedication ceremony which was entirely mechanized would be appropriate to an institution engaged in industrial research.

Built for the Armour Research Foundation, the building is the first of seven modern buildings planned for the new campus of IIT. It has been constructed and equipped at a cost of a quarter of a million dollars. It is three stories high and includes 500,000 cubic feet of space. Mr. Vagtborg stated that The Metals and Minerals Research Building provides the Armour Research Foundation with the finest facilities in the nation for conducting research in metals and minerals. There is no finer group of instruments in the country. These facilities are available on a non-profit basis to industry of Chicago and the mid-west, and it is our hope the industrialists of this area will make the fullest possible use of them.

Signal school turns out Axis headaches

Four hundred soldiers graduated last Saturday from the Illinois Institute of Technology code school for army radio operators. These composed the first class to complete training at the school, which was inaugurated October 19, 1942.

So auspicious was the occasion that the men passed in full military review before Major General H. S. Aurand, commanding officer of the Sixth Service Command, and his staff, on the way to the St. James Methodist Church, Forty-sixth and Ellis streets where the ceremony was held.

General Aurand was the main speaker of the day. Following his address, Doctor Jesse E. Hobson, director of signal corps training at IIT presented the graduates with certificates emblematic of the completion of their training at the Institute. Professor Paul G. A. Andres, supervisor of the Signal Corps, acted as master of ceremonies.

The men have been studying for an average of eight weeks at the Illinois Tech code school. During their training they learned to send and receive messages and to maintain and repair radio equipment.

Their training is but one phase of Illinois Tech's signal corps training program, largest and most advanced in the Sixth Service Command. The 400 are a part of the 11,000 men a year which Illinois Tech trains for the Signal Corps. There is a continuous enrollment of approximately 2,600 men in the program.

In fact, so large has the Illinois Tech signal corps program become that the Institute has had to "draft" additional locations in which to train the men. These graduates attended classes and were housed at the Northern Illinois College of Optometry, one of the locations leased by Illinois Tech for the signal corps program.

Students hear Dr. Eglhoff

Over two hundred chemistry students crowded into 202 Main last Friday morning to hear Doctor Eglhoff, director of research of the Universal Oil Products Company, lecture on "Substitute Fuels". Dr. Eglhoff made evident his wide experience in the field of petroleum and fuels through his accounts of the present situation concerning the fuel supply of the Allied nations and the Axis powers.

He described the increased production of planes in the United States as exceeding all expectations, having increased one-hundred fold over the production several years ago.

"The control of air power has left the Axis powers and now is in Allied hands", stated Dr. Eglhoff. He further described a new plane now being produced in the United States as outflying the renowned Jap "Zero" fighter.

This new transport plane has four 2200 horsepower engines and can cover continental United States from coast to coast in eight hours, using gasoline at the astonishingly low rate of one gallon per mile.

These developments, Doctor Eg-

Miss Vandemoortel switches boards to join WAACS

Not content with snatching embryo engineers from their studies, Uncle Sam invaded a heretofore sacred realm when he reached out and called Marge Vandemoortel into active duty in one of the more publicized branches of the armed services recently.

Having passed the stiff mental and physical requirements, she was sworn into the WAACs where she was assigned to the Motor Transport and Communications division.

The consensus of those who know Marge is that she will probably prove to be the ideal gal for the job. Since she has gained a great host of friends during her short stay at IIT, she is expected to win many more in her new job.

ITSA postpones election of class representatives

The next ITSA election has been tentatively set for the second or third week of February. The purpose of the election will be to select a junior class representative, a freshman representative, and a representative from Lewis. The election has been postponed due to the indeterminate status of freshmen and students at Lewis because of the draft and reserve situations.

The election will also put up for vote an amendment to the ITSA constitution. The amendment would require that a mass or class meeting be held prior to all elections in order to introduce candidates, a policy which has not been followed in the past.

Since a petition requires fifty signatures, to be valid, it is advisable that those who wish to seek office begin to circulate their petitions as soon as possible.

Due to the amendment passed last May, the junior representative will not automatically become president in his senior year, as in the past. For the same reason the representative from Lewis will not become vice-president unless re-elected.

Ridings dons tasks

Mr. Paul O. Ridings, director of the Illinois Institute of Technology News Bureau, has recently received several appointments; as assistant editor on the Log, official publication of the Junior Association of Commerce; and as chairman of the publicity committee of the American College Publicity Association. Mr. Ridings is now writing a monthly column, entitled "Hot Tips," in "Publicity Problems," the official publication of the American College Publicity Association.

loff asserted, necessitate increased production of high grade gasoline on an unprecedented scale. He further believes that the United States and other Allied countries are taking the lead in scientific and technological research and industrial development.

Poll of seniors future status

Last Friday, at the senior class meeting, John Schommer requested that the seniors answer six questions asked by Dean Peebles.

The questions were:

1. Have you accepted a job in industry?
2. Are you looking for a job in industry?
3. Are you enrolled in any of the armed services?
4. Do you expect to seek a commission in the armed services after graduation?
5. Are you planning to take up graduate work? If so, do you plan to do this work here or elsewhere?

One hundred and seventy-six replies were attained. This does not

193 donors at west campus

Life giving blood was obtained from 193 donors at the west-campus of the Illinois Institute of Technology by the Red Cross Mobile Unit under the sponsorship of the Medical Arts Guild, Thursday and Friday, January 14 and 15.

Registration, executed by Gertrude Eisenstein, president of the Guild, was completed before the holidays and each donor was mailed his appointment.

The Red Cross unit, operating efficiently, examined the 247 volunteers, rejected 54 for colds or low hemoglobin, but accepted 88 on Thursday and 105 on Friday. Not only liberal arts students participated in the drive, but the Signal Corps and students in defense projects offered their blood as well.

Maintenance men partitioned the gymnasium to provide a reception room and an operating room, containing eight cots from which transfusions could be made simultaneously.

A light snack, consisting of coffee, tea, or milk and cookies was served each participant, to pep him up after the transfusion, and a "Blood Donors" pin was given to each in recognition of his gallant donation.

Wranglers wrangle ravisly at banquet

The Wranglers, co-op human engineering society, climaxed a year's activities at a banquet held Wednesday evening January 13 at the Swedish Club.

Professors John J. Schommer and Leonard J. Lease spoke to the Wranglers on the draft, income tax laws, and other matters close to the hearts of all student engineers.

Doctor Charles O. Harris of the Mechanics department was presented to the club as its faculty advisor for the coming year.

The retiring chairman Edward P. K. Clarke turned the gavel over to the chairman-elect Ellsworth Packard who conducted the remainder of the ceremonies. Also starting terms of office were the newly elected officers. The officers are as follows: Milton Platzner, vice chairman; John A. Briggs, recording secretary; Edwin Kurek, program secretary; Robert Silberstorf, treasurer; and John Fukas, parliamentarian.

represent one hundred percent of the graduating seniors. Those seniors who did not attend the meeting are requested to step into the Dean's office and fill out the questionnaire and sign their names to it.

Fifty-two percent have accepted jobs in industry. Twenty-five percent of the boys are still looking for jobs in industry or have not accepted jobs as yet. Graduate work will claim two percent of the seniors. Nineteen percent of the boys are looking for commissions; while fifteen percent are enrolled in the services.

The Dean emphasized that he wants every senior to fill out the questionnaire.

High school students brave scholar exams

Sixty-one select high-school students of Chicago and vicinity braved the horrors of an Illinois Tech examination Saturday, January 9, in the hopes of winning a full, one-year scholarship to the Institute. After taking the exams from 9:00 a.m. until noon, the candidates were led to the Student Union cafeteria, and entertained at a luncheon given in their honor by the administration. Dean Peebles addressed the guests and they were given the opportunity to meet some of their future professors.

The scholarship committee held its meeting last Friday for the purpose of making the awards, and the winners will be announced shortly.

FINAL EXAMINATION SCHEDULE

MONDAY, JANUARY 25, 1943

Time	Instructors	Place
8:10-10:00		
General Physics, Phys. 201	Physics Instructors	500 Main
General Physics, Phys. 202	Physics Instructors	305 Main
General Physics, Phys. 203	Physics Instructors	305 Main
10:10-12:00		
Review Algebra, Math. 100A A-L*	Math. Instructors	500 Main
Review Algebra, Math. 100A M-Z*	Math. Instructors	305 Main
Col. Algebra & Trig., Math. 101 A-L*	Math. Instructors	500 Main
Col. Algebra & Trig., Math. 101 M-Z*	Math. Instructors	305 Main
Col. Algebra & Trig., Math. 100B	Math. Instructors	202 Main
Anal. Geom. & Trig., Math. 102	Math. Instructors	202 Main
Analytic Geometry, Math. 113	Math. Instructors	202 Main
Math. for Architects, Math. 103	Math. Instructors	502 Main
1:10-3:00		
Chemical Engineering, Ch.E. 301	McCormack, Peck	305 Main
Engineering Chemistry, Ch.E. 307	Schommer	102 Chapin
Meteorology, C.E. 325	Carpenter	202 Main
D. C. Machinery, E.E. 306	Manning	502 Main
Structural Design, C.E. 313	Griffis	105 Chapin
3:10-5:00		
Organic Chemistry, Chem. 204	Bernstein	305 Main
Drawing & Estimating, C.E. 201	Stevens	502 Main
Materials & Fluid Mechanics Lab., C.E. 321, 323	Huntly	500 Main

TUESDAY, JANUARY 26, 1942

8:10-10:00		
Engineering Mechanics, Mech. 201	Mech. Instructors	500 Main
Mechanics of Materials, Mech. 301	Mech. Instructors	500 Main
Flow of Fluids, Mech. 303	Mech. Instructors	500 Main
Economics, I.E. 102	Instructors	305 Main
10:10-12:00		
General Chemistry, Chem. 101 A-K*	Chem. Instructors	500 Main
General Chemistry, Chem. 101 L-O*	Chem. Instructors	502 Main
General Chemistry, Chem. 101 P-Z*	Chem. Instructors	305 Main
Graphics, C.E. 314	Griffis	102 Chapin
Thermodynamics, M.E. 316	Jakob	202 Main
1:10-3:00		
Engineering Mechanics, Mech. 202	Mech. Instructors	500 Main
Applied Mechanics, Mech. 204	Mech. Instructors	500 Main
Applied Mechanics, Mech. 206	Mech. Instructors	500 Main
Fluid Mechanics, Mech. 302	Mech. Instructors	500 Main
Study Techniques, Psy. 101	Orcutt	305 Main
Descriptive Geometry, T.D. 103	Instructors	502 Main
Descriptive Geometry, T.D. 103	Instructors	400, 401, 402, 403
		Physics
3:10-5:00		
Physical Chemistry, Chem. 308	Longtin	500 Main
Surveying, C.E. 204	Penn	305 Main
Elements of Electricity, E.E. 205	Higgins	502 Main
Fire Insurance Schedules, F.P.E. 201	Finnegan	102 Chapin
F.P.E. Lectures, F.P.E. 301	Finnegan	102 Chapin

Organizations

AICHe

The AICHe will hold an evening meeting next Thursday evening, January 21, at 7:30 p.m. The meeting will be held in the lounge of the Student Union building. Refreshments will be served afterwards.

The speaker of the evening will be Doctor Francis Godwin of the Armour Research Foundation. He will comment on his recent trip to South America to survey the industrial resources of that continent. The major portion of the talk will concern itself with the chemical industries of the Argentine, where Doctor Godwin spent most of his time.

Lewis chemical students and faculty are cordially invited. The new officers for the coming semester will be elected at this meeting.

Dance Club

The Dance Club is now making preparations for its unique social. It is unique because the club will supply the necessary "feminine forms" (females to you), and better yet, it won't cost a red cent, unless, of course, some of the lads would like to take the girls out afterwards.

According to present plans, the affair will be held on February 6 in the lounge of the Student Union. Refreshments, it is said, will be choice and plentiful.

All club members are asked to attend the meeting this Wednesday to put the plans into final form.

ASME

On Thursday, January 14, the Illinois Institute of Technology, American Society of Mechanical Engineers student branch held its annual smoker. The principal speaker was Ensign Taussig, USNR. He showed three movies. "The Navy and Its

Planes", "The Battle of Midway", and "The Navy and Its Ships". In addition to this he discussed and answered questions pertaining to these films.

The branch was honored by the presence of several of the members of the local section of the parent society. Two of the guests, Mr. Michel, chairman of the Chicago Section, and Mr. McEwan, members of the Executive Committee of the Chicago Section spoke to the group.

Following the program the members and their guests adjourned to the student lounge, where refreshments were served to the one hundred and fifty attending members.

Polish Club

The Chicago Council of Polish University Students, of which the IIT Polish Club is a member, announces a tour of the Polish Roman Catholic Union Museum on Friday, January 22, 1943. This museum is located at Milwaukee and Augusta, and includes the exact exhibit that was presented at the New York Fair. In addition to this exhibit there are others of equal value in Polish arts and sciences. Everyone is welcome to attend this tour, which is free, and which will be under the direct supervision of the museum director. The time of meeting is at 7:30 p.m. at the museum, so plan to spend Friday, January 22, 1943 with us and have an evening of pleasure in seeing the only exhibit of its kind in the middle west.

Home Economics Club

The Home Economics Club is sponsoring the sale of War Stamps. This activity is located on the second floor landing. The girls plan to give their time from eleven to two each day.

On January 8, under the auspices

of the club, two movie films were presented. They were "Hidden Hunger" an allegorical film with proper nutrition as the morale and "Modest Miracle", which related the discovery of thiamine by Williams.

A record attendance of over 100 students, faculty members, and defense students were present.

The Chicago Dietetics Association, is holding a meeting in the 5th floor Tearoom on January 20, at 8 p.m. Doctor Ruth Cowan Clouse, chairman of the home economics department will talk on the subject. "Present Status of our Knowledge Regarding The Metabolism of Iron". The Home Economics Club will act as hostesses to the visiting members.

ASCE

One of the most important meetings of the semester was held last Friday. Mr. J. M. Seifried, president of the Illinois chapter of ASCE, spoke to the seniors about membership in the society after graduation. He also stressed the importance of civil engineering in defense work and in the armed forces.

Election of officers for next year was held and the following men, all juniors, were elected: president, Jerome Houle; vice president, William Nash; treasurer, John Yoxen; secretary, Timothy O'Leary. Two men were also elected as representatives in WSE. They are Shelley Young and Don Maihock.

Mr. Seifried announced that Ray Sauer, senior civil, was selected as outstanding representative of IIT and accordingly would be awarded a junior membership in the society.

Med tests planned

Medical aptitude tests will be given on Friday, January 22, at 3:00 p.m., to the pre-medical and pre-dental students who expect to apply for entrance during '43, '44, or '45. The period of training has been shortened from six to four semesters in some schools, and even other medical schools accept students after two or three semesters of work.

Application, which should be made with Mrs. Margaret Anderson in the Registrar's Office, must be accompanied by a fee of one dollar. Doctor Leslie R. Hedrick, head of the biology department, will preside at the examination, and can be consulted for further information.

Research Shorts

Doctor Martin H. Heeren, chairman of the chemical engineering section, was in Des Moines and Iowa City, Iowa, during the week, interviewing new members for the staff.

* * *

Mr. Norman C. Penfold, supervisor of the engine research laboratory, was in Detroit, Michigan this past week attending the Society of Automotive Engineers convention.

* * *

Doctor Clayton O. Dohrenwend, supervisor of engineering mechanics, was in Detroit, Michigan Thursday in connection with a project related to the war work.

Orientation tests render selective service classification

Professor W. C. Krathwohl, director of the Department of Educational Tests and Measurements at IIT, announced last week that students entering the armed services who had high rating on their freshmen orientation tests can now have a transcript of these scores sent to the Induction Center, together with the usual letters of recommendation. This information will be used in connection with the classification examinations given the candidates upon entering the service.

At a recent meeting of the Chicago Branch of the National Vocational Guidance Association, which Doctor Krathwohl attended, army and navy representatives emphasized their desire for more specific information about the abilities of former college students in the

Argentina

(Continued from page 1)

leaves of central Argentina. Although the majority of the 25,000 miles was covered by auto, they also flew in a Piper Cub, drove a horse and buggy, traveled on river boats in the jungle, and rode on railroads of three separate gauges.

All the while the party was inspecting factories, lumber camps, universities, and farms, and conversing with government officials, industrialists, college presidents, farmers, and the "men on the street." Doctor Godwin exposed 4000 feet of colored film and 400 slides to bring Argentina to the Research Foundation since the Foundation could not be brought to the Argentine.

Eleven industries were then picked out, and a detailed report prepared for each. The reports dis-

service. Standardized tests, such as those used at IIT, form a valuable source of such material.

If any student wonders whether his record is good enough to help him, Dr. Krathwohl believes that the scores should measure up to the following ratings; they must be in the upper two-thirds in mental ability, mathematics, and science, but in the upper one-half on tests involving English and language ability.

The Department of Educational Tests and Measurements will be more than happy to send in the scores of any worthy student. Dr. Krathwohl encourages the student, if interested, to visit the department at any time with reference to his records, but they request that he notify them in advance so that his national percentile rating can be carefully computed.

Mr. Geo. Eastwood elected trustee

George A. Eastwood, president of Armour and Company, was recently elected to the board of trustees of Illinois Institute of Technology. President Heald of the Institute announced last week. His term of office will be for three years.

Mr. Eastwood graduated from the high school and business college of Albany, New York. He has been working at Armour and Company for 46 years, rising from the position of stenographer to that of president. He has served in this latter capacity since 1939.

In addition, he is a member of the managing boards of several other important concerns. Among these are the Institute of Meat Packers, the Illinois Manufacturers Association, and the Crane Company.

At the present time he is a director of the Chamber of Commerce of the United States, and he holds membership in many important business organizations.

POWER

(Continued from page 1)

Society is affiliated with the Milwaukee sections of the American Institute of Electrical Engineers, American Society of Mechanical Engineers, American Society of Railroad Engineers, and the Wisconsin section of the American Society of Civil Engineers.

Always a meeting of great interest to engineers interested in power production, transmission, and utilization, the Power Conference this year is vitally concerned with the war effort, and it is expected that most of the discussions will be centered on this subject. An indication of this is the adopted slogan for the '43 meeting: "Power Means Victory."

NOTICE, SENIORS!!
 the '43 edition of the Integral will be available in the lobby of the Student Union after 12:00 on Wed., Jan. 20 — Thurs., Jan. 21, 12:00, Lewis Lobby.
 Morgan L. Fitch

WEDNESDAY, JANUARY 27, 1943

8:10-10:00	Fund. of English, Eng. 101-102	Eng. Instructors	500 Main
	Fund. of English, Eng. 101-102	Eng. Instructors	502 Main
	Fund. of English, Eng. 101-102	Eng. Instructors	305 Main
	Fund. of English, Eng. 101-102	Eng. Instructors	202 Main
10:10-12:00	Calculus, Math. 201 A-L*	Math. Instructors	500 Main
	Calculus, Math. 201 M-Z*	Math. Instructors	305 Main
	Calculus, Math. 202	Math. Instructors	305 Main
	Differential Equations, Math. 301	Math. Instructors	500 Main
	Equip. for Buildings, M.E. 314	Seegrist	102 Chapin
1:10-3:00	Engineering Analysis, E.E. 303	Reed	502 Main
	Fire Insurance Practice, F.P.E. 305	Finnegan	102 Chapin
	Elem. German, German 101, 102	Richter	305 Main
	Thermodynamics, M.E. 305	England	202 Main
	Thermodynamics, M.E. 305	Nachman	500 Main
3:10-5:00	Cast Metals Lab., M.E. 318	Kozacka	500 Main
	Engineering Thermodynamics, M.E. 411	England	502 Main

THURSDAY, JANUARY 28, 1943

8:10-10:00	Heat Laboratory, M.E. 309	Budenholzer	305 Main
	Engineering Materials, M.E. 230	Lyman	500 Main
10:10-12:00	Economics, I.E. 101	Instructor	500 Main
	Economics, I.E. 101	Instructor	502 Main
	Economics, I.E. 101	Instructor	305 Main
	Economics, I.E. 101	Instructor	202 Main
1:10-3:00	Mechanism, M.E. 201	Seegrist	102 Chapin
	Mechanism, M.E. 201	Swineford	202 Main
3:10-5:00	Metal Process Lect., M.E. 418	Martin	500 Main

FRIDAY, JANUARY 29, 1943

8:10-10:00	Machine Tools Lab., M.E. 319	Kozacka	305 Main
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* Refers to members of class whose names begin with these letters.

PLEASE REPORT ALL CONFLICTS TO THE OFFICE OF THE REGISTRAR IMMEDIATELY

Member

Associated Collegiate Press

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Teeth!!

After coasting for more than two months in their smug "what difference does it make it make it" attitude, unparticipating freshmen gym participants will be shocked to discover shortly that their errant wanderings were not unnoticed.

Professor John Schommer promises that the laxity in the gym program, so evident in the past, is very definitely a thing of the past, and in the present and future three absences from duty will constitute a failure in gym. While flunking gym has formerly been regarded lightly, it will not be regarded lightly by the armed forces if and when it becomes necessary for the student to assume relations with them.

One of the favorite excuses for irregular attendance has been the unorganized roll calls and the lack of definite and rigorous program. These excuses will soon be non-existent. For more rapid attendance taking, we suggest that numbers be painted on the floor, every student being assigned to a number. The attendance can then be checked at both the beginning and end of each session with a total time expenditure not exceeding five minutes.

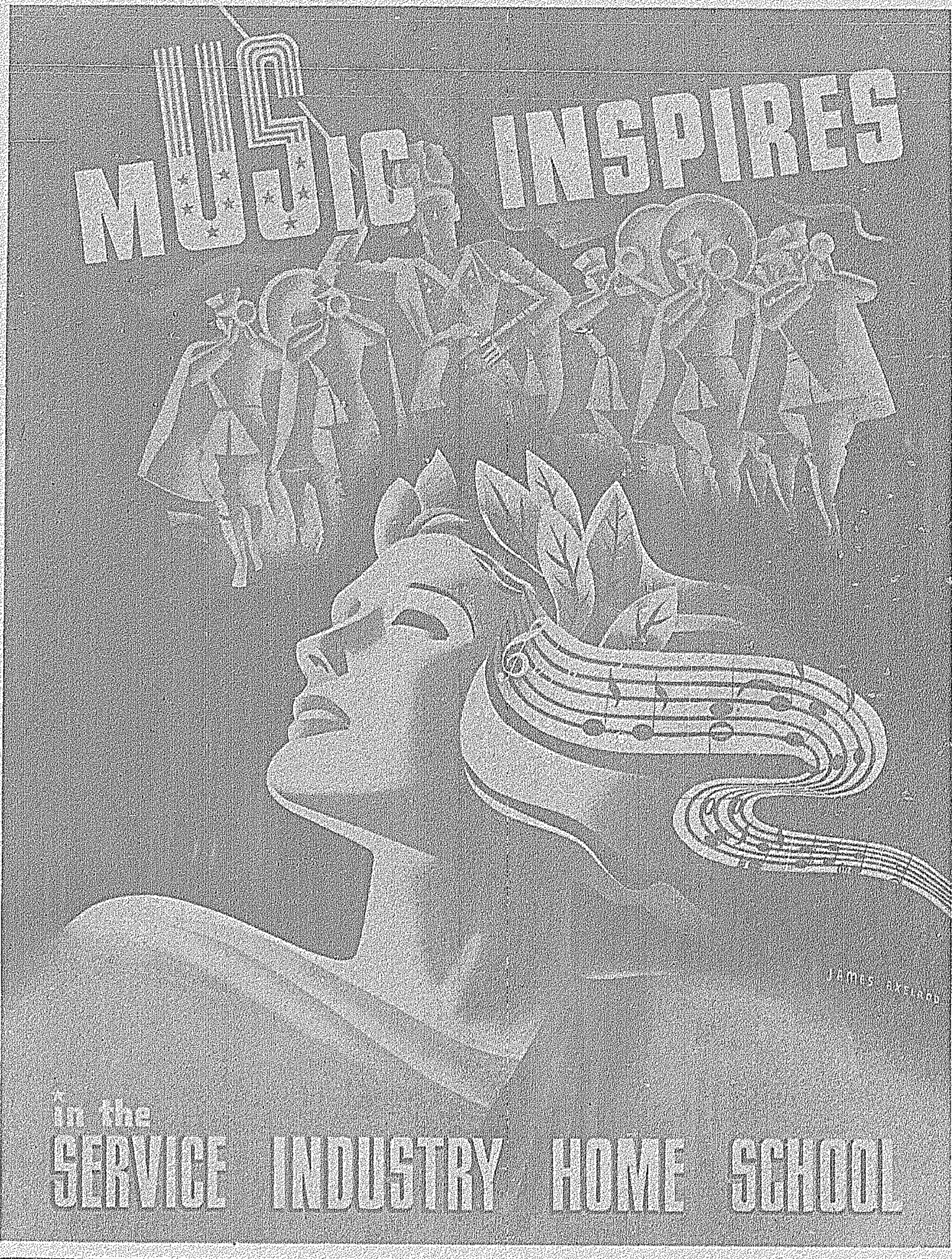
But the greatest bugbear in the advancement of the program has been the condition of the students themselves. That one out of every six students examined to date have been found to have defective hearts is a sorry but strikingly true fact. If strenuous workouts were thrown at these boys or at some of the specimens infesting the campus without previous training or weeding out, serious consequences might have resulted. It will be a huge step forward when entering students will be required to present a certificate stating his physical condition as determined by his family doctor. But it will be only when physical examinations have covered every freshman that the real toughening process can be put into effect.

Yet, must it be necessary to install some form of fatigue duty as a penalty before an Illinois Tech student will fall in line with an essential program? It will indeed be a sorry day when he is led before a five mile obstacle course and told to go to it if he has not worked toward that end gradually; and it will be an even sorer day when he is informed that a commission might be withheld for no apparent reason.

LARSON

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.
(Seniors, note; please learn this.)



Behind The Curtains

We have been writing most of the past year about the events and happenings of Illinois Tech. These things do not just happen. It takes planning and planning takes people; therefore, this column is dedicated to those men behind the scenes. The men that cause things to happen.

The two societies that have been handled the best this year have been the ASME and the AICHE. John Cronin and Peter Blasco are the men behind the guns in these two organizations. Bob Duckrow should be mentioned for the way he held down the Treasurer's job for ASME. IAeS resulted from the hard work of Norm Lettvin.

Turning to the sports front this year we have to mention Ken Jacobs, Peter Zemaitis, and Jack Mahoney all in the same breath. The intramural program this year was the largest in the history of IIT. These were the men that built it up and carried it through. Still on the sports front, we have Dick Metcalfe, Bill Watson, and Bob Burkardt who have put across the hockey team. The team came from nothing, three years ago, to an IIT team of today.

From sports we go to publications. Here we are forced to cite Bob Bechtolt for the swell job of managing editor. Bob took over an extremely tough job and really pulled through. Bob was also prexy of WSE. Ed Farrell needs no commendations for his work as editor. The work stands for itself. Few people know of the really hard work which Ed has put in in establishing the Ring and as president of Pi Kappa Phi. Jimmy Ladd, our able cartoonist, is only a freshman, but he has put in more work than many a senior.

Another publication, the Integral, spotlights the work of Ed Schulz and Ray Smith. Ed turned in a swell job on the editorial staff—without him there would be no yearbook. Smith's photography work really expedited the work too. Smith is also chairman of the War Council. This is a good place to bring in the work of Don Keigher. As sports editor of TECHNOLOGY NEWS and the Integral, Don

the ardent promoter of the school calendar covered two fronts.

Turning now to generalities, we find Earl Mills, the president of the Co-op bookstore. He is the man who really kept it going. Then we find Adam Jemsek and Victor Schell-schmidt, who held down the president's jobs of the B and A Co-ops respectively. We run into Bob Ladevich as the typical EDT executive. We almost forgot one of the better team managers, Larry Ryan of the Swimming team. Larry did so many things, that it is hard to pin him down to any one of them. We cannot over look his work on the two Integrals, however.

We turn now from the students to the faculty members who will long be remembered in our minds. Probably the most important person in the students' mind is "Uncle John" Schommer. He will be remembered for years and years for his work on the draft situation in our years at school. The seniors will remember this gentleman for his job in placing them.

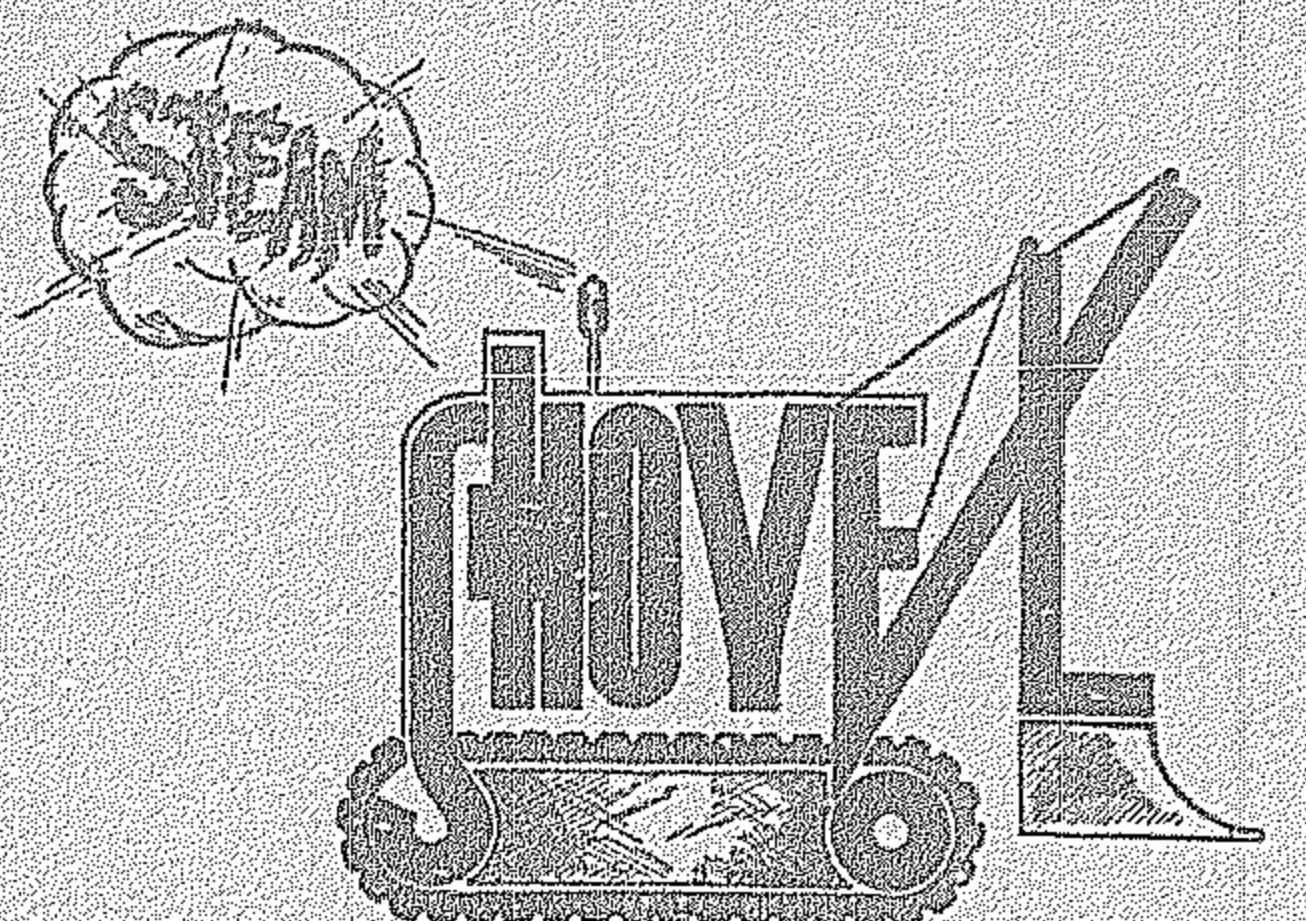
Coming down the line, we run into the twosome of Yellott and Weissman. These two boys have done most of the work in putting across the ESMWT program at IIT that has become known across the country.

Many of us have wondered where President Heald has been this year. He has been in Washington advising the Navy on their educational program. He has well represented IIT in this territory.

The Electricals will not let us forget Jesse Hobson for his work on the Signal Corps program and his reorganization of the Juice department.

These are all people that have made IIT a better place to go to school. We realize that we have missed some men in this resume; to those men we sincerely apologize. We use the old proverb as a consolation—"your friends know all about you and the rest of the people don't care."

Next week is the last paper of the seniors during their last days at ye olde IIT. Read it; it will be good!



"The moving finger writes and having writ, moves on."
—Omar Khayam.

These words from the "Rubaiyat" of Omar Khayam reflect clearly the spirit of the Steam Shovel. The secret operatives conducting this column have, by intimidation and coercion, secured fifth column workers in every class. There shall no longer be privacy for anyone—it may be that the very person sitting next to you will "put the finger on you"! Then—all will be told!

War Dance Previews

This column went "to press" before the all-important "War Dance" was held and, as a result, the informative bits of news normally gleaned from such an affair must be saved till another day. The "League of Armour Wolves" was frantically on the search for dates for the dance at the latest reports, but were meeting with increasing success. Norm Lettvin phoned his "honey" Wednesday night and secured a date after four phone calls. The other three were down with the measles. . . . Mike Coccia, junior social chairman, downcast because Jean had to visit her ailing grandmother in Urbana over the week-end, promptly garnered another date after consulting innumerable "files" and "little black books." . . . Nat Ratner, another junior social committee member, was having date trouble. . . .

Fitch Dates by Proxy

Morgan L. Fitch, one of the busiest men on the Armour campus, phoned Nancy Gentleman for a date, for Saturday night. As luck would have it, the line was busy and Mickey, of course, had to dash off to a meeting of some sort. Obliging, Don Keigher, Bob Kirk and Larry Ryan phoned the aforementioned young lady, explained the situation and made the date. The following night, Mr. Fitch casually phoned and confirmed the girl's affirmation. Seniors de-Moustache Underclassmen

On Wednesday, January 13, an ultimatum from the "Senior Enforcement Committee" was posted, not too prominently, indicating that henceforth moustaches on underclassmen were outlawed. George Martinek, Ed Ozimek, Bob Ladevich, Pete Zemaitis, Chet Swan, Jack Byrne, Al Dambros, Bob Johnson and Jack Mahoney formed a nucleus of active seniors who performed superbly in the practice of the tonsorial art. The first two hours, 11 AM to 1 PM, netted the lads some twenty violators who were dealt with in the manner of the code. . . . President Heald and Dean Peebles, neither of them wearing "hirsute facial adornments" were wont to smile at the well-mannered, sedate and gentle dispensation of the violations. . . . Freshmen and sophomores, who are taking advantage of the benevolency and kind-heartedness of the seniors, by riding the elevator in Main building are next on the list of the "Enforcement Committee." . . . These underclassmen must be put in their lowly place: tradition lives on!

Incidentally Speaking—

Bob Ladevich, recently hired by Chrysler Corporation, wore his Sunday suit, a big cigar and his best manners in looking important at the ASME smoker. . . . Boiesie Jones, freshman touchball all-star, and June Cox, petite red-haired secretary, have formed one of the more constant two-somes on the Armour campus. . . . Our effervescent female freshman, Shirley Sexson is concentrating her affections on the book-store's number one boy, Ralph Gulczynski. . . . Marge Mahoney, personable St. Xavier sophomore, was accosted by three Armour wolves at last week's Dance Club session. They all wanted to date her for the War Dance but Frank, the lucky dog, was one week earlier in making his bid. . . . If you wish to "incite a quiet lad to mayhem, address Earl Mills as "Shorts." I. L. B. Anonymous

Blitzkrieg

Greetings, all you happy people, long time no see, or hear. The past week has afforded your 7th columnist plenty of time for sneaking up on you, so let's see if we can't spread a little light on your innermost secrets.

It seems that LORRAINE KONENBERG has the knack of getting herself all tangled up with stairs. The other evening, LORRAINE did a beautiful swan dive down the main stairway, bringing the entire Signal Corps to her rescue.

Has anyone noticed the "blank" look on HELEN MARZULLO'S face of late? It so happens that Helen's interests are in the Navy, and oh—what an interest. Who's the lucky fella—"HELENE"?

JIM ROMAC sure deserves some swell grades in "Bacti" this semester. Boy—when a fella studies so hard that he radiates—brother—that's somethin'.

.. POEM ..

There are some things, we'd like to know,
Like, what "PETE" said to "FAZIO,"
To make her eyes, with fury fill
Enough, to give poor "Pete" a chill.

We'd like to know why "GERT" is pleased
Whenever Donald Duck has sneezed.
Or how "BARTUSEK'S" temperature
Dropped to normal—that's for sure.

Another thing we'd like to know
Is, where our brain cells seem to go
When poems (?) like these are sent to press,
Gosh knows it makes this seem a mess.

We'd like to know why LEWIS MURRAY
Left the gym in such a hurry;
Thursday, when his blood he gave
When he went in, he looked quite brave.

We'd like to know why BROCKMAN (PAUL),
Keeps dodging people, in the hall.
And why IKE LIFSCHUTZ, pleasant soul
Is sure he always answers roll.

We'd be much pleased, if we could see
JOHN MOYER'S girl (and bride-to-be).
We hear she's cute as all get-out,
But JOHNNY keeps us all in doubt.

We wonder if JACK HALLORAN
Will ever learn to play a hand
Of bridge, it seems to leave a funny taste
To see those cherished honors waste.

Well, looks like all we've left to say
Is that we'll call this all—today.
So all be good, and study—cram!
You know—"No study—in a jam."
Exams are 'round the corner—yep!
Let's all get A's—good luck—stay hep.

ARX NEWS

Orchids to Profesor Hilberseimer, Leroy Binkley, Norman Hyams, and Earl Bluestein for their efforts in making last week's banquet a huge success. Among the eighty who attended were a number of AIA members . . . The Ring now has a new set of officers: Fred Trauth, president; Mario Fraccaro, vice president; Thomas Smith, secretary; and John Menzenberger, treasurer . . . Bill Hasskarl surprised the gang with a visit last Friday . . .

Now for the more serious side . . .

Mies is really training us to be architects. It's difficult for some of us to realize what the background of hand and eye training will do—some find out too late.

In the same sense, the study of fundamental principles of construction helps more than Vignola's Orders.

Studying architectural simplification for living is of greater importance than facade painting.

Continued drilling on proportion and expression has no competition from the impossible imaginative superfluousness of acute angles and perilous cantilevers.

It's a good thing if you've doubted—if it has made you think.

Now you may be able to analyze your problem, approaching it from the guts instead of the flashy dress.

A PROPOS

SLIDE RULE ETIQUETE

Lifted from The Minnesota Technolog

By RICHARD O. DRISKELL, senior, m.e.

Do you feel slighted when people pointedly refuse to eat in the same room with you? Do you feel embarrassed when you are thrown out of Joe's lunch for lapping the soup off the floor? Well, don't be. You are an engineer, my friend, an engineer and an individualist. You have the constitutional right to eat any way you please. Exercise the right. It was by bold uprisings against restrictions that made our country such a noble place in which to live.

You freshman engineers who still retain some shreds of decadent politeness must get rid of them at once. Remember that simply wearing a slipstick and having the ability to pick snipes out of the gutter with your toes does not necessarily make you an engineer. Drop these vile and sissified social graces. Step out with the bold free attitude of a true engineer. Do you wear shoes? For shame! No one with the slightest touch of the engineer spirit would stoop so low. Burlap sacking for cold weather perhaps, but never shoe leather. Have you taken a bath lately—say, in last year or two? If so go down to the M. E. lab and roll in the grease before you attempt to force your society upon real engineers. Have you gutted an Arts student recently? Why not? There are plenty of them running around in spite of our efforts to keep their number down. This article is merely intended to sound a word of warning, but one of these days you are liable to be stopped by a hairy senior who has at least three inches of respectable dirt all over him and who will demand to see the bloodstains on your sliderule. Then what will you do? The weak excuse that you are new will not serve, because for one who is truly an engineer at heart, the slaying of Arts students comes naturally.

And there are many other things you must watch if you wish to become a social success. How do you like your meat? Raw? Well, so does everybody else, so when two or three engineers are gathered together, don't try to hog it all. When you visit a fellow engineer

in his cave, go easy on the rubbing alcohol. The stuff is rather expensive even when you buy it by the barrel, and if you have just dropped in for a friendly belch or two, you should limit yourself absolutely to a couple of gallons. At big social events, such as the Sophomore Party, the supply is unlimited. Don't, however, wallow in the trough as such action muddies the liquid to such a degree that fellow engineers on both sides of you have trouble in swallowing. This is only a method of self protection, as the engineer beside you may be one who wallows himself, and he will hold back when he sees the dainty manner in which you refrain from fouling the drink.

Of course, the most important things with which the engineer occupies himself is women. Here politeness is the custom. A well mannered engineer will always whistle first to give one a running start. After that, of course, there are no restrictions. It is, naturally, not sporting to hook onto a woman that another engineer has flushed. Some times the temptation is too strong, however, and for such exigencies the rule has been made that if she passes within ten feet of you it is perfectly legal to make a try.

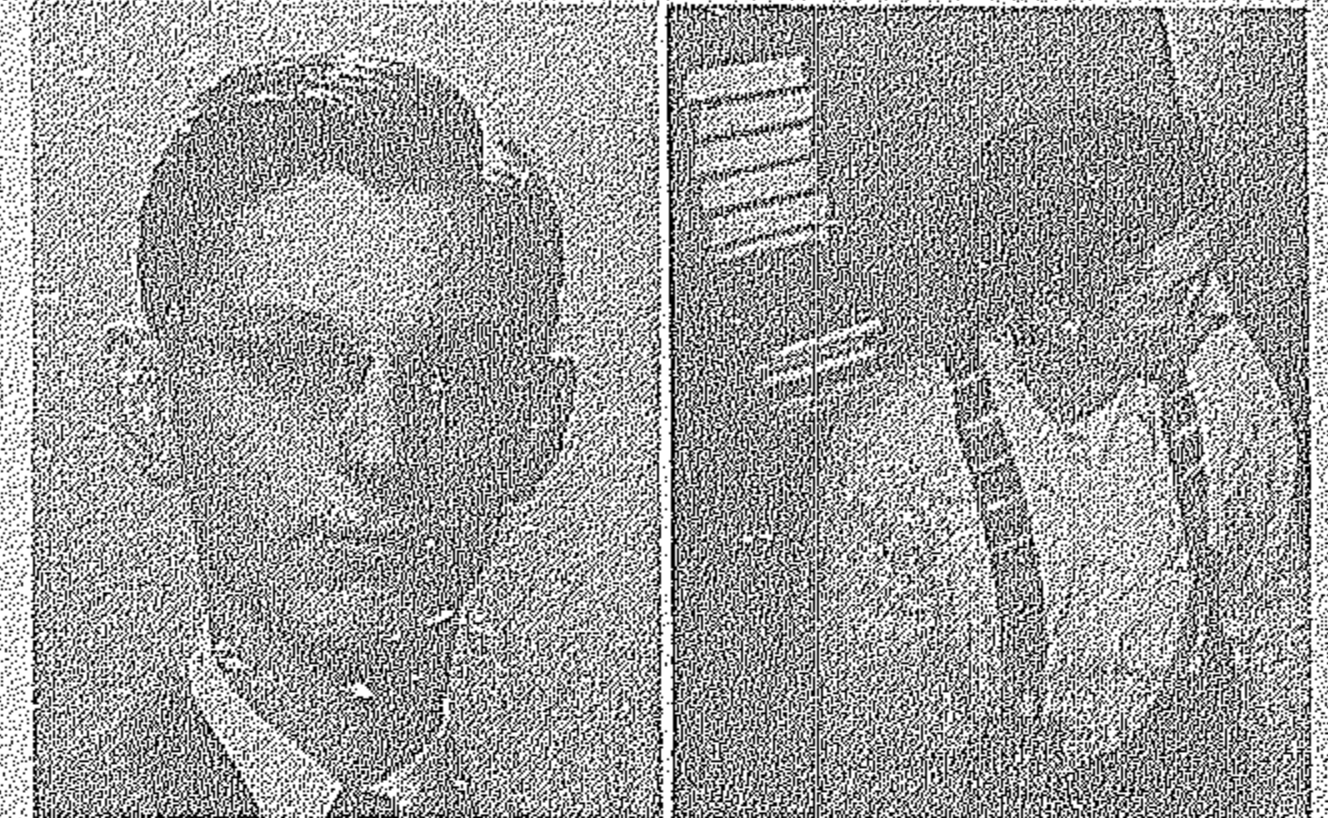
You are licked once you let them get away from you, but any normally fleetfooted engineer can snare a couple per week anyhow. There is only one other point of importance that comes up in connection with women. If any two engineers get their hands on one at the same time, don't let it be an occasion for bad blood. Let her go. She'll think it is safe to go past the haunts of engineers at any time and come back later. Then you will be able to have her all to yourself. This system is particularly recommended for queens, since the rest will come back anyhow.

So carry on engineers and continue to set the course for the well trained and educated to follow. Some day the rest of the world will beat a path to your door so that they too can become men.

Man of the week

Tomorrow, the yearbook will be distributed to the Seniors, with distribution for the rest of the School a few days later. You will pick up the book and say it is swell or cuss the editor for misspelling your name. This is about as close as you will come to appreciating the hard labor necessary in putting out such a publication.

One man stands out as the reason for the yearbook coming out on this early date; that man is Edmund Schulz. Never heard of him, you say, and you probably have not; Ed does not show off doing his work around the School.



Ed Schultz

He holds no spectacular jobs. He does the work, he is the motor that finishes the job—the man that does the dirty work.

Ed is graduate of Morgan Park high school and is an alumnus of Morgan Park junior college. Since coming to Illinois Tech, he has been enrolled in chemical engineering. He is a member of Alpha Chi Sigma and AIChE. He is co-Armour editor of the yearbook and one of the founders of the Co-op bookstore. He has helped on Technology News and worked as a civilian defense fireman on board a boat in the Calumet river. He earned money during his first two years as a soda jerk.

In order to put the Integral out as quickly as possible, Mr. Schulz had to work almost every night measuring pictures, typing copy, writing copy for those who did not turn in theirs, and a dozen and one other things that are necessary for the production of the Integral. Ed and other members of the staff had to type when it was forty-five degrees in the office.

Co-op Capers

By Lou Wengel

For those who have not heard about it yet we wish to announce this bit of good news. Co-ops who worked before enrolling in college for the first time are entitled to deduct the costs of tuition and text-books from their income tax. Well informed sources claim that this deduction can be made when the work in school is necessary to hold the position in industry. Therefore, students whose school work follows the same general pattern as their work in industry and fulfill the condition mentioned above, are entitled to this deduction. Doubtful cases can be settled by reliable persons at the time the tax form is filled out.

The pre-juniors welcomed back Bob Madson and Charles Newton for a brief visit. Both of these men enlisted in the Signal Corps and are now completing the tough grind of training laid out by the army.

Del Zeigler, the "Rialto Kid," spent practically a whole weekend at the famous burlesque palace. He claims that the picture was so good he had to see it several times and became so deeply engrossed he lost his muffler. Some picture!

The junior and senior Co-ops have pledged seventy per cent of their membership for blood donations. If other classes contributed the same percentage we would easily fill our quota of 500 donors. This is the best cause you will ever be asked to contribute to, so give freely that life-giving plasma.

SLIPSTICK

"I'm getting tired so I can sleep." I want to sleep so I can dream because boy! I'm really going to have to dream up something to get this Slipstick in action. Let's see now, a beautiful blue colored lake with a shoreline cluttered by tall green pines, just filled with muskies galore. No one has ever fished here before and the muskies are viciously awaiting the flash of a lure! . . . hmmm what? Oh Nuts! Oh well, "I had the craziest dream last night." and that's the way things go . . .

V V V

"How do you like my new evening dress?"
"I can't tell till you get up from the table."

V V V

"What did you name yoah baby, Mose?" a friend inquired of a proud colored father.

"Electricity," said Mose.

"Queer name," said the friend. "Why did you call him that?"

"Well mah name's Mose, and my wife's name is Dinah, and if Dinah-Mose don't make Electricity, what does that make?"

V V V

Roses are blue,
Violets are pink
Immediately after—
The thirteenth drink.

V V V

Shortcut to success

The stranger entered the barber's shop with a little boy and asked for a haircut, shave and shampoo.

"By the way," he said, after shave, cut, and shampoo was completed, "do you sell sponges?"

"Sorry, sir, I'm afraid we don't," replied the barber.

"Very well," put in the customer. "I'll just slip across the road to the chemist's. Meanwhile you can give the lad a haircut."

Twenty minutes went by and the barber began to get uneasy.

"Your father's a long time," he said at last. "I suppose he's coming back."

"That wasn't daddy," replied the boy. "That man stopped me in the street and asked me if I'd like a free haircut."

V V V

"Boys, I've quit the holdup game;
I'll hang around joints no more."
Limp and worn,
Threadbare and torn,
The garter fell to the floor.

V V V

Us Moderns

"If my kid brother sees you holding my hand he'll want a dime."

"And what will he want if he sees me petting you?"

"He'll want to stick around and watch us."

V V V

A small town merchant, on a buying trip to the city, boarded the sleeper and pulled back the curtains of his berth. He was—shall we say—surprised—to find two most personable blondes ensconced there.

After checking his ticket to make sure that HE wasn't wrong, he said: "I deeply regret this ladies, but I am a married man—a man of respect and standing in my community. I couldn't afford to have any breath of scandal touch me. I'm sorry—but one of you will have to leave."

V V V

And that's the way things go!
Hel---lloooo. — Good byeee. Hmmm.
Pete Fisher 'Min' Minwegan

Quintet defeats Concordia 63-53; split with Navy

Techawks reach midseason form; approach .500 average

by Marvin Larson

Illinois Tech's up and coming basketballers caged their fourth victory of the season Thursday night on their home floor. The score was 38 to 31 and the defeat was handed to the University of Chicago Code School. Co-captain Jack Byrne led the Tech scorers with 11 points while Jack Shepherd took second place with 8. The win heightened the Techawks hopes for a season average of .500 or better.

Glenview overwhelms IIT

Earlier in the week our cagemen journeyed to Glenview naval air station, where they were handed a decisive beating by the sailor quintet, the final score being 46 to 22. "Gordie" Fleischer led the scorers with three baskets and one free throw for a total of seven points. The defeat was not as hard to take as the score indicates. The Glenview team is composed of several former college stars who give the team their all around scoring punch. This was the navy team's eighth victory in eleven games.

Sailor all-stars potent

The Techawks were behind 24 to 14 at the half, but in the second period a team composed of the Murphy twins from the University of



Chicago and the Klein twins, former Waller High School stars, began clicking.

Track indoor season curtailed to Relays

At a meeting of the track team last Thursday, plans for the future of track at Illinois Tech were discussed. Because the Navy had taken over the University of Chicago fieldhouse, the team's indoor training quarters, permission was sought and granted to use the physical ed plant. Because of restrictions in the use of the armory, the indoor schedule has been cut to a minimum. However, a full outdoor season is being planned.

Practice sessions will begin immediately after the new semester begins. Complete equipment will be issued to those who seriously wish to work out. New men who are interested should see Manager John Reissenweber or Co-captains Ed Johnston and Jack Tregay.

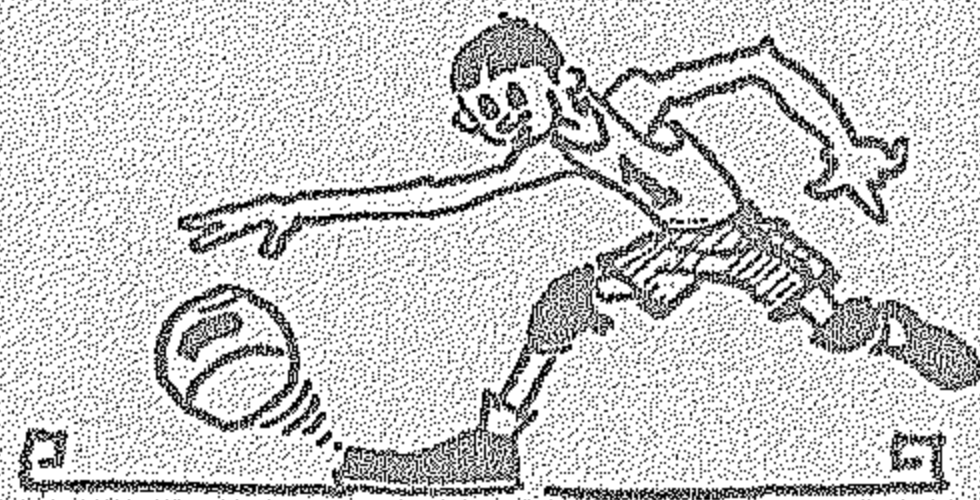
Because of the early February graduation and the induction of men in the armed forces many new men will be needed. There will be openings in all events for hard-working men. If you can crawl, see the above mentioned men.

by Cliff Oliver

In one of the best scoring games recorded in the Techawk cagers book, our "fighting five" overwhelmed Concordia College by a score of 63 to 63. The game was played Saturday, January 9, at Concordia in River Forest.

This was one of those games where every man on the team was "hot". Leading the Techmen was "Jackson" Byrne with a bag of 17 points. Although the final score would indicate an easy victory the cagers had their anxious moments during the game. The Cougars put on the pressure from the start and by the end of the first quarter Illinois Tech trailed by eight points. Spurred on by this deficit the Techawks not only matched Concordia's baskets but pulled up to tie the score at half time 28 to 28.

Even battle to final minutes



During the second half it was anybody's game up until the last three minutes of play. Illinois Tech led at this time by two points. Then, in quick succession they made four field goals, two on "sleepers", which cinched a victory. Before bewildered Concordia could recover the game was over.

Cliff Oliver named Armour I-M mogul

Cliff Oliver was unanimously elected to the post of intramural manager to fill the position vacated by Ken Jacobs, graduating senior. His appointment was announced at a special meeting of the ITSA board, Thursday, January 14. Assistant to him and replacing Pete Zemaitis is Charlie Kill, junior mechanical.

"Ollie," as he is known by his friends, is a junior chemical. Along with his new job as manager, he claims the titles of associate sports editor and secretary of the SUBC. In his spare time he plays with the Techawks basketball team and has helped the junior chemical intramural team reach the semi-finals in the basketball tournament.

As his first task, Cliff has the intramural bowling tournament to start and the ping pong tournament to climax. The bowling tournament in past years has proven one of the most interesting of all intramural sports.

When interviewed, Oliver expressed the hope that an intramural board be set up to help run the various tournaments. He is looking for umpires and referees to officiate. Any volunteers will be greatly appreciated.

HONOR I MEETING
4:30 Today, Tuesday
in U2E

TWO TECHAWKS UP IN THE AIR

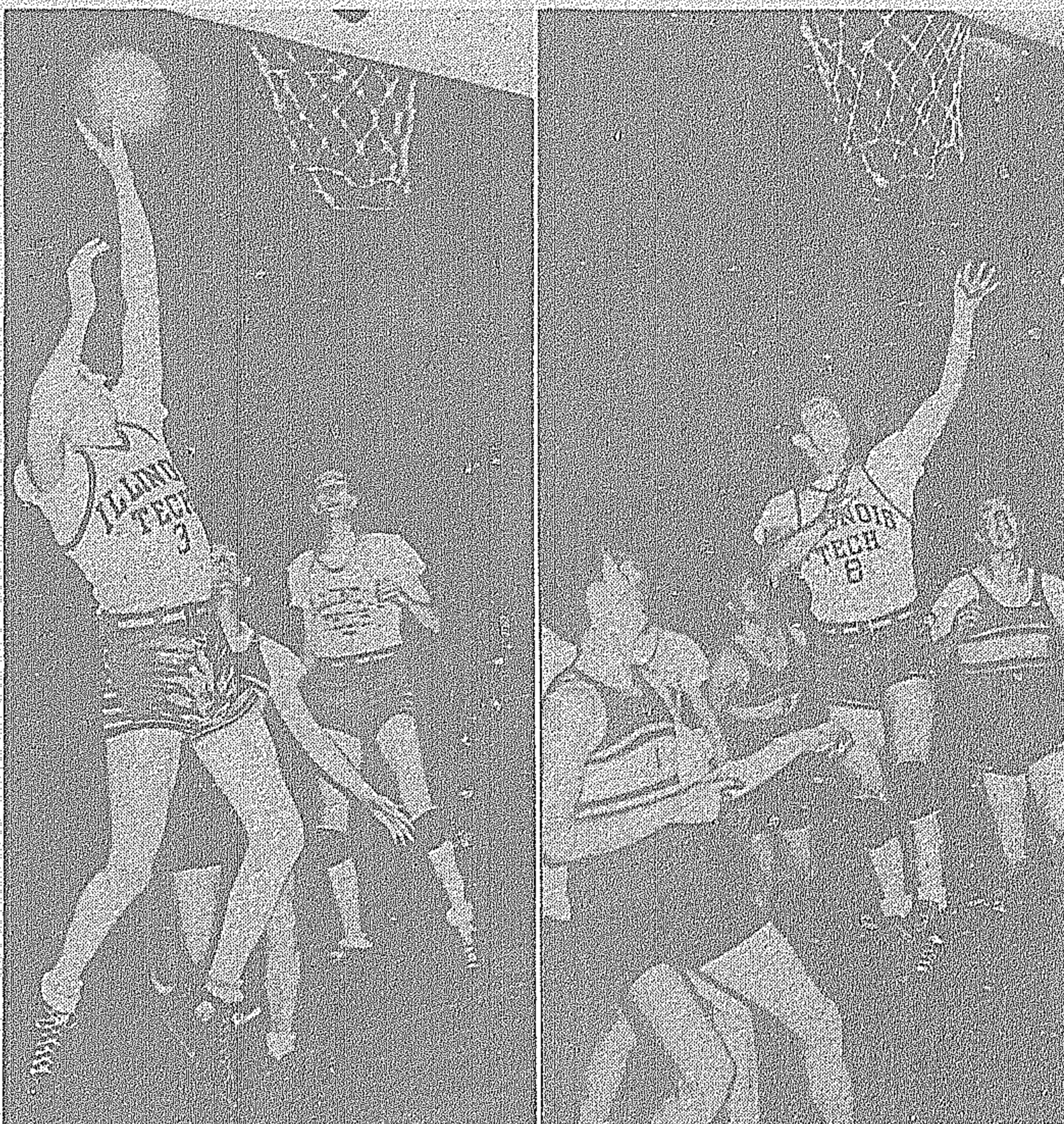


Photo by Johnston

Left: Co-captain Jack Byrne tries a left-handed push shot in Thursday's game with the U. of C. Naval Code School. Bob Kidd covers the shot in the background. Right: Fire-wagon Tech guard "Casey" Pulchalski moves into the air for another two points for the Illinois Tech 38-31 triumph.



as found by Ulysses Backas

Looking forward to a long dreary night at the printers, it strikes me that your former Editor DON KEIGHER has done a mighty fine job in the past few months. If he has had half of the worries I think I will have putting your sports page together, he deserves a good hand and a hearty vote of thanks from the student body. Nice going, DON, and loads of luck in Uncle Sam's Navy.

You, dear readers, will have to put up with a new sports staff as of today. Making up this staff are the following men: CLIFF "FREDERICK" OLIVER, assistant sports editor; TED ANDERSON, MARVIN LARSON, JIM SCHOKE, STEVE BALUK, EDDIE MELKA, ED CURRAN, NAT RATTNER and JACK EULITT. These men will get the news. Co-operate with them wholeheartedly and we will try to give you a better than ever sports sheet.

One of this department's pet subjects is that of getting more of you Tech sport fans out to as many contests as possible and to encourage enthusiastic participation of all students in intramural sports.

This week will have an opportunity to view your fellow engineers in the gentle art of wrestling. Wheaton will be here in the gym of the South Campus. We of the sports staff know you will enjoy this meet. Our boys will show Wheaton a few tricks, and, because the Ministers are one of the best teams in the Middle West, you will see wrestling at its best. Last year over 100 students watched the contest. Let's double the number this year. Don't forget the date: Tomorrow, Wednesday at four o'clock.

The annual Illinois Tech Relays are scheduled to be held March 13th. You can expect a startling announcement soon on this event. Keep your fingers crossed, for it may be one of the greatest things yet to happen in Tech's sports history.

For those who are new at the Institute, here are a few facts on the Tech Relays. The Relays are one of the largest indoor track events in the country. Last year the event attracted thirty-five colleges and universities from all over the country. It is a thrill-packed spectacle that draws many sports enthusiasts.

ROUND AND ABOUT—The Junior Chemical basketball team claims they can put a full quintet on the floor consisting of Sweden's pride and glory. This "smorgasbord" consists of DICK and MARVIN LARSON, TED and HARRY ANDERSON, plus PAUL DALENBERG . . . Watch for a hockey team home game soon . . . Honor I held a meeting and decided on a future social event, either a sleigh rider or party. A discussion was held as to the future possibility of adding chevrons on a letterman's sleeves . . . Laugh of the week was when slightly-over-five-foot-tall CASEY PUCHALSKI took the ball away from two slightly-under-seven-footers on the Concordians team.

In signing off, I ask you not to be too critical of our first issue. We will do our best to improve as the weeks go by. Don't forget the Wheaton meet tomorrow. Take a little advice from one who knows and get a little sleep along with that final "cramming." Let the benzidine in the medicine cabinet and get some "shut eye." Until next week, tally ho!!

Tankers sink Vikings 34-32; De Pauw wins

by Ted Anderson

After losing a swimming meet to DePauw 49-26 a week ago Friday, the Techawk tankers regained their winning ways by downing Lawrence College. The meet, the first held home this season, ended with an IIT victory of 34-32.

In the DePauw meet two records were broken, one by each team. Jim McNerney, swimming for IIT in the 60 yard freestyle event, set a new pool record by covering the distance in 0:31.5.

In the 300 yard medley relay, the DePauw trio set a new varsity record for their pool with a time of 3:20.6.

McNerney high scorer again

McNerney continued his winning ways in the Lawrence meet by taking a first and a third in the 100 yard and 40 yard freestyle respectively. He also served as anchor man on the triumphant 120 yard medley relay team. It was the winning of this relay, after Bill Maier and Jack Tregay had finished one-two in the diving events, that clinched final victory for the Techawks. Maier's winning point total in the diving event was 74.5 as against 73.1 for Tregay.

The other first place taken by one of our boys was that by Milt Nussbaum in the 100 yard breast stroke. Ernie Helmer of IIT finished second in this event.

Lawrence takes relay

The leading swimmers for Lawrence were Nelson and Smith who each contributed six points to their teams total. Nelson's total came by virtue of two seconds and Smith received his by a first and a third. In addition, Smith swam on their victorious 160 yard relay team.

In the 100 yard freestyle, McNerney and Nelson of Lawrence twice became entangled in the course of the race. Despite the time lost in the breaking of their strides, they managed to finish first and second respectively.

Summaries

- 120 Yard Medley Relay
Winner—I.I.T. Time 1:07.5.
- 160 Yard Relay
Winner—Lawrence. Time 1:22.6.
- 40 Yard Freestyle
1st—Smith (Law.); 2nd—Nelson (Law.); 3rd—McNerney (I.I.T.). Time 0:19.8.
- 100 Yard Freestyle
1st—McNerney (I.I.T.); 2nd—Nelson (Law.); 3rd—Smith (Law.). Time 0:58.9.
- 220 Yard Freestyle
1st—Baum (Law.); 2nd—Peters (I.I.T.); 3rd—Patten (Law.). Time 2:38.3.
- 100 Yard Backstroke
1st—Turley (Law.); 2nd—Maier (I.I.T.); 3rd—Walgren (I.I.T.). Time 1:07.8.
- 100 Yard Breaststroke
1st—Nussbaum (I.I.T.); 2nd—Helmer (I.I.T.); 3rd—Hay (Law.). Time 1:14.8.
- Diving
1st—Maier (I.I.T.); 2nd—Tregay (I.I.T.); 3rd—Eckrick (Law.).

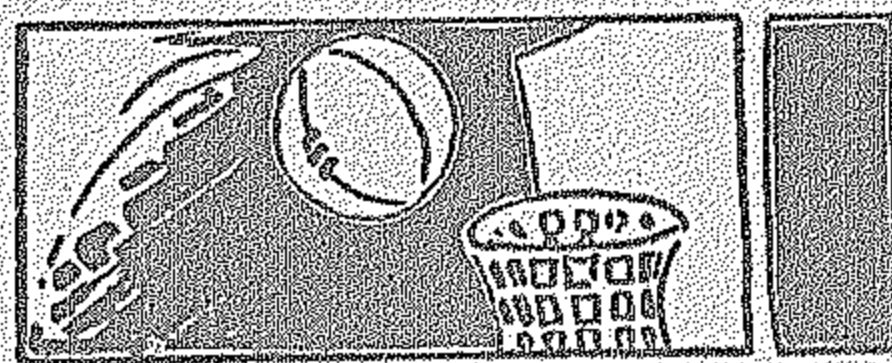
Finals reached in frat meet; Alpha Sigs in Wheaton invades IIT

Cries of battle again rang to the rafters of the South Campus gym as Alpha Sigma Phi defeated Phi Kappa Sigma, 18-17, in one of the hardest fought games of the interfraternity season.

Ralph Arboe, Tom Paulsen, and Chuck McCullough each tallied in the opening minutes for the Alpha Sigs, while Frank Douma scored for the Phi Kapps to give the Arboemen a 6-2 early lead.

The second quarter ended with the Alpha Sigs on the long end of a 9-7 score. Both teams were missing the basket in the third period and only one basket was added to the half time total of the Alpha Sigs.

The fourth period proved to be a thriller. Going into the last ten seconds of play the teams were tied at seventeen all. In the close play of these closing seconds two officials disagreed and a free throw was awarded by one when the other called a jump ball. Ralph Arboe



sank the charity toss to win the game by a one point margin as the final gun went off.

As we go to press the results of the Alpha Sigma Phi - Pi Kappa Phi championship game have not been received. They will be printed in next week's TECHNOLOGY NEWS.

Wheaton invades IIT

Tomorrow, the Ministers from Wheaton will attempt to duplicate their previous defeat of the grapplers from Illinois Tech. The mat will be rolled out in the South Campus gym and the battle will commence at four o'clock.

The Techawks lost a close meet the last time they met Wheaton. The result of the contest was not sure until the last match was over. The final score of the meet was 18 to 16.

In view of the fact that Wheaton has been probably the strongest wrestling team in the Middle West, for the past decade or so, our boys proved to be one of the most powerful contingents lately seen at Illinois Tech.

Those who will probably wrestle for the Techmen are Captain Ed Ozimek, Pete Zemaitis, Harold Hurvitz, Bill Daly, Bill Dunlap and Jack Eulitt. Coach Sonny Weissman has been viewing with interest the intramural wrestling tournament this past week so that he could determine who would replace the graduating seniors and who is likely to wrestle on the varsity squad next semester.

Following the Wheaton meet the wrestlers will travel next Friday to the 87th street Navy Training school. This trip probably will offer the first opportunity for the Illinois Tech boxing team to meet with competition. The boxers have been working out daily and they seem to be in good shape to give and take blow for blow with the sailors.

Techmen blitz fellow studes on padded mat

Intramural wrestling got well under way last Wednesday afternoon and by Friday the finalist in the 135 pound class had been determined. The mighty mites' quick finish was due to their small number. In the first match Frank Vessels won over Norman Siegel on a time advantage. Vessels then met Ronald Ailara who had pinned James Conway in a previous match. Vessels, who defeated his man in the recent Wheaton match, was favored to win but Ailara, after a very even match, won the championship on a fall in five minutes and ten seconds.

In the 145 pound division, Walter Stacho had no trouble defeating



Frank Mungo on a fall in one minute and five seconds. Stacho then faced Irv Slone and continued on his winning way by pinning Slone. The next match featured Byron Round and Chuck Kill. After a hard fight, Round pinned Kill only to be defeated by Stacho on a fall in one minute and ten seconds. Two matches have to be played before Stacho meets his opponent in the finals.

Three matches were scheduled in the 160 pound class and victories were garnered by Claude Anderson, Robert Bell and Ted Stein over Jack Shepherd, John Range and Bob Johnson, their respective opponents. Stein gained the finals by pinning George Brigham in a later match.

In the 175 pound and up class, Harry Peyser started against Francis Lidinsky. Peyser gained a win on a time decision. Claude Shephard defeated Elliot Gage by pinning him in one minute and ten seconds, and George "Cookie" Martinek stopped Sam Slossman in the same time. Martinek later opposed Shephard and after a tough time pinned him in four minutes and 47 seconds.

Wrestling and boxing coach Bernard "Sonny" Weissman attended the matches, keeping an eye open for new talent. Sonny was both

CAPTAINS CORNER

DICK METCALFE

BILL WATSON



This year the hockey team will take to the ice deprived of the services of one of its most ardent supporters. Co-captain Dick Metcalfe is now serving with the Air Force Engineers and is stationed at their Miami, Florida, training school.

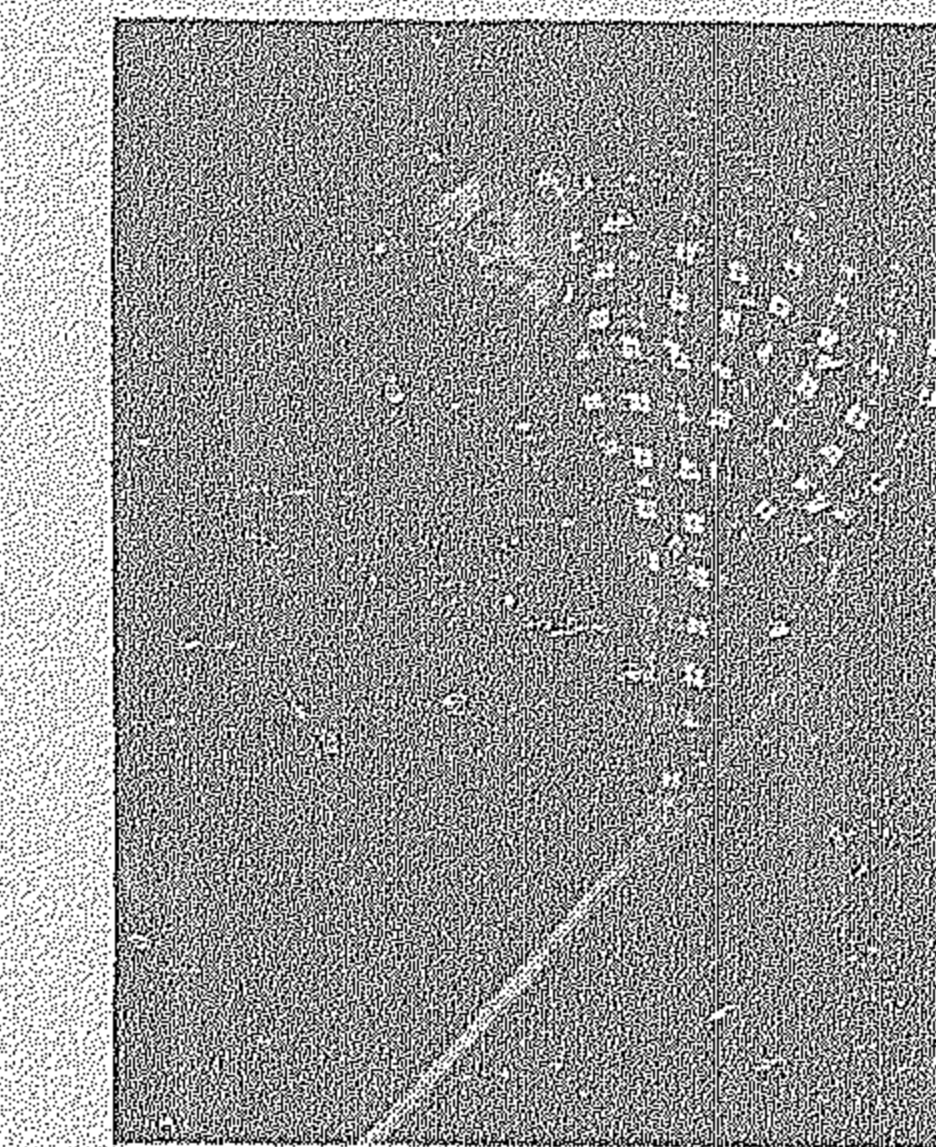
Dick was one of the organizers and a member of the original team. Up to the time he was called to active service he helped to train the new men, thus cumulating four years active participation with the team. In the last two years he had been handicapped by a bad knee but that did not even slow him down. Dick played a defense position and those who know him will understand me when I say that he had plenty of what it takes. He was awarded a minor letter in recognition of the fine work he has done. This was brought about as the result of the effort of the sports department of TECHNOLOGY NEWS.

Metcalfe was prematurely graduated with a bachelors degree in chemical engineering. During his undergraduate days he was interested in plastics and hopes to enter that field after the war.

His activity in sports was not limited to hockey. Dick was a member of the varsity baseball team during his sophomore year and he also played on the eleven man football team. Outside of school his hobby is construction and racing of midget autos. He raced many times in and around Chicago.

pleased and surprised at skill shown by the men in these matches.

The team has been training for Wheaton and a coming Navy match.



If there were such a thing as the "Outstanding Tech Athlete," Bill Watson, co-captain of hockey, would, I am sure, receive a good percentage of the total votes cast for this honor.

Bill, a graduating senior, has been a member and co-captain of the hockey team for two years. He, along with Doc Davey and Dick Metcalfe, started the hockey movement here at Illinois Tech.

Born in Chicago, Bill spent his early life in Canada. Even as a youngster his interests were athletic. At the tender age of thirteen he was winning blue ribbons in track.

Watson's hobbies are "monkeying" around with radios. He is a member of Rho Epsilon, the honorary radio fraternity. Bill likes eating (steaks and macaroni preferred) and dancing with a certain young lady with the initials of Edna.

Here at IIT Bill has majored in aeronautical engineering and he will receive his degree next week. He is a member of AIAS, ASME and has been vice-president of his junior and senior class. He has worked 100% of his way through school and will be twenty years old when he receives his "sheepskin."

Along with hockey, Bill's athletic activities here include track, boxing and wrestling. Upon graduating Watson will work for Curtiss Wright in Columbus, Ohio, as a junior engineer to help in the war production that will contribute so much in the ultimate victory.

I-M basketball finals this week; four left

The intramural basketball tournament is speedily coming to a conclusion. The semi-finals have been reached and those surprising freshmen, the Cicco Wizards, are again showing their prowess as they did in touch football. Led by Carl Bergstrom, they sank the Junior Juicers by a deluge of points.

Opposing them in the semi-finals will be the Junior Chemicals, who staged a grandstand finish to beat the Junior Civils, 28-26. Cliff Oliver led the Chemicals with fourteen markers. Charlie Shank played heads-up ball for those wild civils.

Also remaining in the contest are those ever powerful Civaeros and Senior Mechs who are both battling to add those gold medals to their watch chains.

The Senior Mechs won their last game over the Junior Mechs, 28-18. Phil Schubkegel totaled most of the seniors' points.

In order to reach the "Big Four" the Civaeros had to eliminate the 5B Co-ops to the tune of 35-23.

By watching the intramural managers' bulletin board, you can find when the finals will be played.

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Rho Delta Rho

Farewells to the seniors of Rho Delta Rho will be said in grand style on Friday January 22, at the Marine Dining Room of the Edgewater Beach hotel. Off to face the world will be Marvin Kessler, Sheldon Plotkin, Daniel Workman, Aaron Krus, Irving Kaluzna, Norman Lettvin, Lawrence Nadel, Marvin Scadron. Plans for the affair are being carried out by Seymour Entman, social chairman, ably assisted by Herbert Gertz and Earl Lichten.

With the prospect of a large pledge class, extensive plans have been made by Rush Chairman, Lewis Berkowitz. Rushing will begin at the end of the semester.

Triangle

Triangle chalked up another basketball victory recently, when they beat the Phi Kappa Sigma team with a 25-15 score. An early lead of 8-0 at the first quarter was a strong point in Triangles' favor.

"Hell" week for Triangle pledges ended Saturday night January 16, leaving with each and every pledge a week of events long to be remembered. We trust that our pledges enjoyed every minute of it!

Friends of Charles ("Chuck") Wallace, Triangles' past president, will be glad to know that a good letter was received last week from Chuck. After completing his F.P.E. course at Armour, Chuck left early in January for training in meteorology in the Air Force. He would appreciate hearing from all of his

friends. Address:

A/C

Wallace, C. W.

A.A.F.T.C.—U.S. Army

Portland Hotel, Rm. 823

Grand Rapids, Michigan.

Theta Xi

Theta Xi lost its first game of the year to the Pi Kappa by a score that resembled a Jap casualty list. The boys were in there trying, but the Pi Kaps were definitely a superior team. Our hats off to a swell bunch of fellows.

The Theta house has just been re-decorated in our fraternity colors, blue and white. Both actives and pledges pitched in and really did a good job of it. By a strange coincidence some of the pledges acquired a bluish hue similar to the color of the calcimine used in the lounge. Strange, isn't it!

Word from our alumni shows that the majority of the boys are either ensigns or lieutenants in the Navy. We are proud to announce that brother Gene T. Clears completed a three months course at Harvard in the amazing time of six days. The tests given him were in competition with professional radio engineers of ten years experience. He was one of ten selected from three hundred to dispense with the three month course.

Theta Xi is looking forward to the Tech War Dance and is pledging full

GREEKS

support to it. We are also prepared to donate blood to the Red Cross, some of the men in the house having already donated to this worthy cause.

Alpha Gamma of Theta Xi is pleased to announce the pledging of Salvator William Terranova, freshman co-op.

Rho Epsilon

In the future Rho Epsilon will operate the recording system that has recently been installed in the cafeteria in the Student Union. Up until now Hugh Story has ably administered the cafeteria music program.

Rho Epsilon promises to have a really different and entertaining selection of music starting next semester.

Zeta Beta Alpha

The final meeting of the semester was held Sunday evening, January 17, 1943, at the home of Fred Alterman. Plans for the future were discussed, and the election of officers for the next semester were held.

Correspondence from our brothers in service was received. Sid Greenberg received his wings on January 4, and he is expected to visit Chicago for a brief period in the very near future. Al Mozer, who is stationed at Chanute Field since he was transferred from Texas, visited Lewis Institute on Thursday, January 14. He looks better than

ever. Maybe army life agrees with him. Maurice Rubenstein has received his corporal rating and is now stationed at Long Island, New York.

All that can be said is that we are proud of you boys, and keep up the good work.

Sigma Omicron Lambda

The Sigma Omicron Lambda Sorority had an "all-soror" reunion at the Bismarck hotel on Sunday, January 10. It was the first reunion of this kind in which charter members, alumnae members, and active members had an opportunity to really become acquainted.

The Lambda pledges have just completed their "Hell-Week" duties. They are now preparing to perform for their active sisters at the informal initiation, which will take place on January 27, at the home of Cherryll Benes.

The actives are busy making plans for the annual dinner-dance.

Mrs. William Massman, the former Alda Karis, is now residing in Boston, Massachusetts, where her husband, Ensign Massman is stationed.

Joanne Altinkamp, an alumna, is making wedding plans. She is to be married on February 13.

Marilyn Johler, also an alumnae has recently announced her engagement to Don Vanderpool.

Pi Kappa Phi

Pi Kappa Phi took a painting last Wednesday when "artist" Charlie Papa daubed out twenty million dollar portraits. Papa guaranteed that within a few years each "trait" would be a masterpiece by one who had made the King of Spain travel nine miles through mud to have his face modified on cardboard.

Pounding the gravel for the ensuing semester is newly elected archon John Valentine. Other officers are: treasurer, Charles Farr; secretary, John Mark; historian, Jack Morse; chaplain, Bert Legg; warden, Al Glassgen; house manager, Paul Streit; steward, Bob Eimmerman, and pledge captain, Ray Tubergen.

The house's Senior Farewell dance is for January 29. Cecil Gullett broke down last Monday popping with refreshments for himself and his gal. Versatile verses and songs followed.

Kappa Phi Delta

Kappa Phi Delta actives put the plighted pledges through their paces last Friday, January 8, at the home of Ruth Body. After a harrowing "Hell-Week", the four pledges Jane Ahrens, Lillian Seges, Isabella Winter, and Dolores Zwierzko, bowed and salaamed before the actives before undergoing the final ceremony.

Final plans for formal initiation and future rushing will be made at the next weekly meeting of Kappa Phi Deltas.

IN THE PARATROOPS

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"HIT THE SILK" for jumping

"WHIPPING SILK" for shaking 'chute to remove dirt and air pockets

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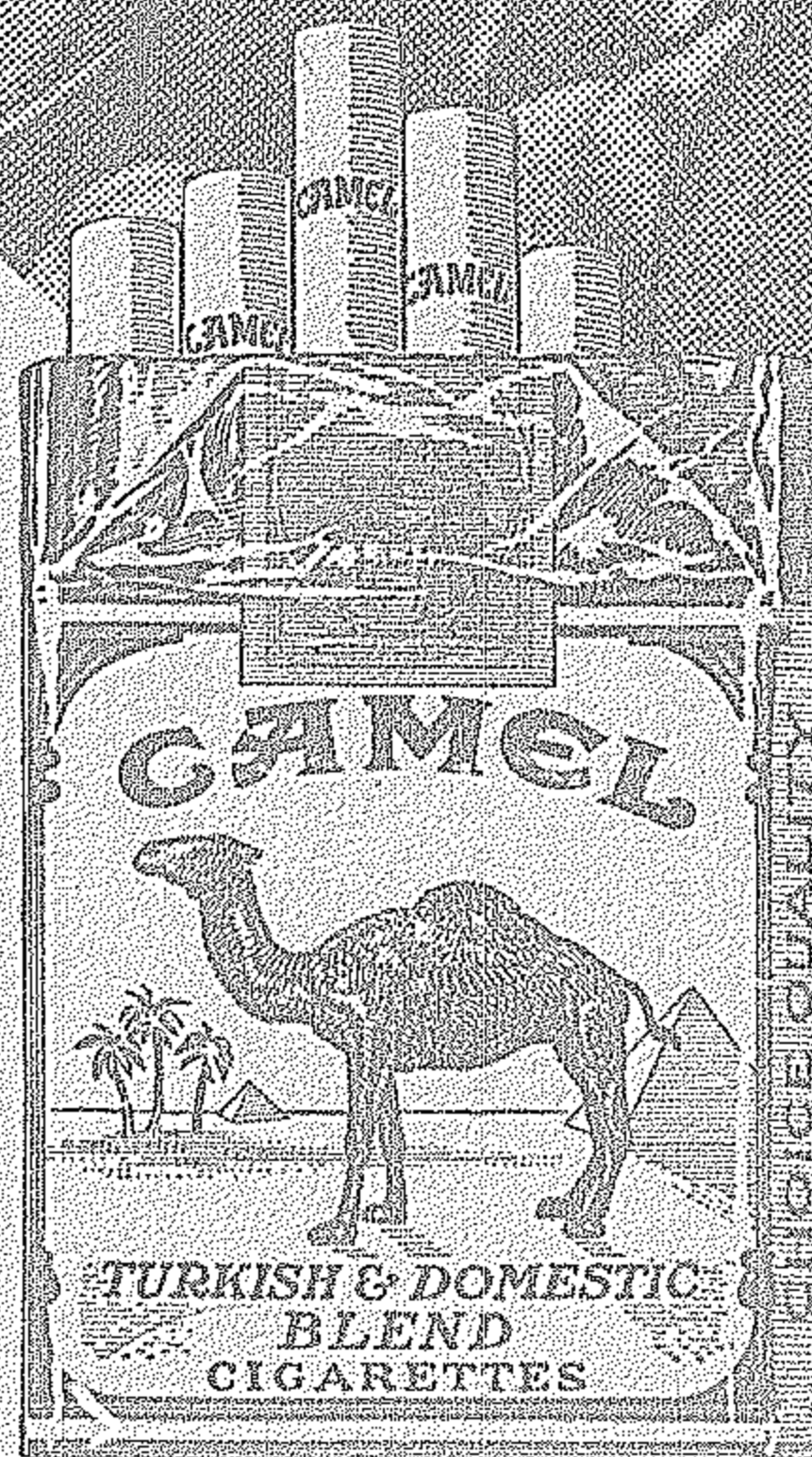
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