

TECHNOLOGY NEWS

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ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

SEPT. 30, 1941

John H. Collier Elected To Board Of Trustees At IIT

Announcement Made By
J. D. Cunningham

John H. Collier, President of Crane Co., has been elected to the Board of Trustees of Illinois Institute of Technology. This announcement was made by James D. Cunningham, chairman of the board and president of Republic Flows company of Chicago.



Mr. Collier was chosen to fill the vacancy caused by the death of C. B. Nolte, known to many as a long

time supporter of the Institute and one of the original movers of the new \$3,000,000 building endeavor.

At a special meeting of the board of directors on May 5, 1941, Mr. Collier was elected to the presidency of Crane Co. This was the culmination of a career which began for a young man of 19 who entered the employ of Crane Co. as a core maker's helper. In the 38 years since, Mr. Collier's experiences have brought him into contact with various manufacturing departments of the company.

Following his appointment to the important position as assistant superintendent of the brass foundry (1908), Mr. Collier was advanced to general manager of the Bridgeport, Conn. manufacturing division. While serving in the capacity of director of Crane Co., Mr. Collier was sent to Europe as president of the Cie Crane, Paris, France, and chairman-director of Crane, Ltd., London, England (1929-1933). On his return to Chicago, Mr. Collier continued his upward climb until he rose to the top position which he holds today.

C. E. Paul, Head Of Mech. Dept., Retires

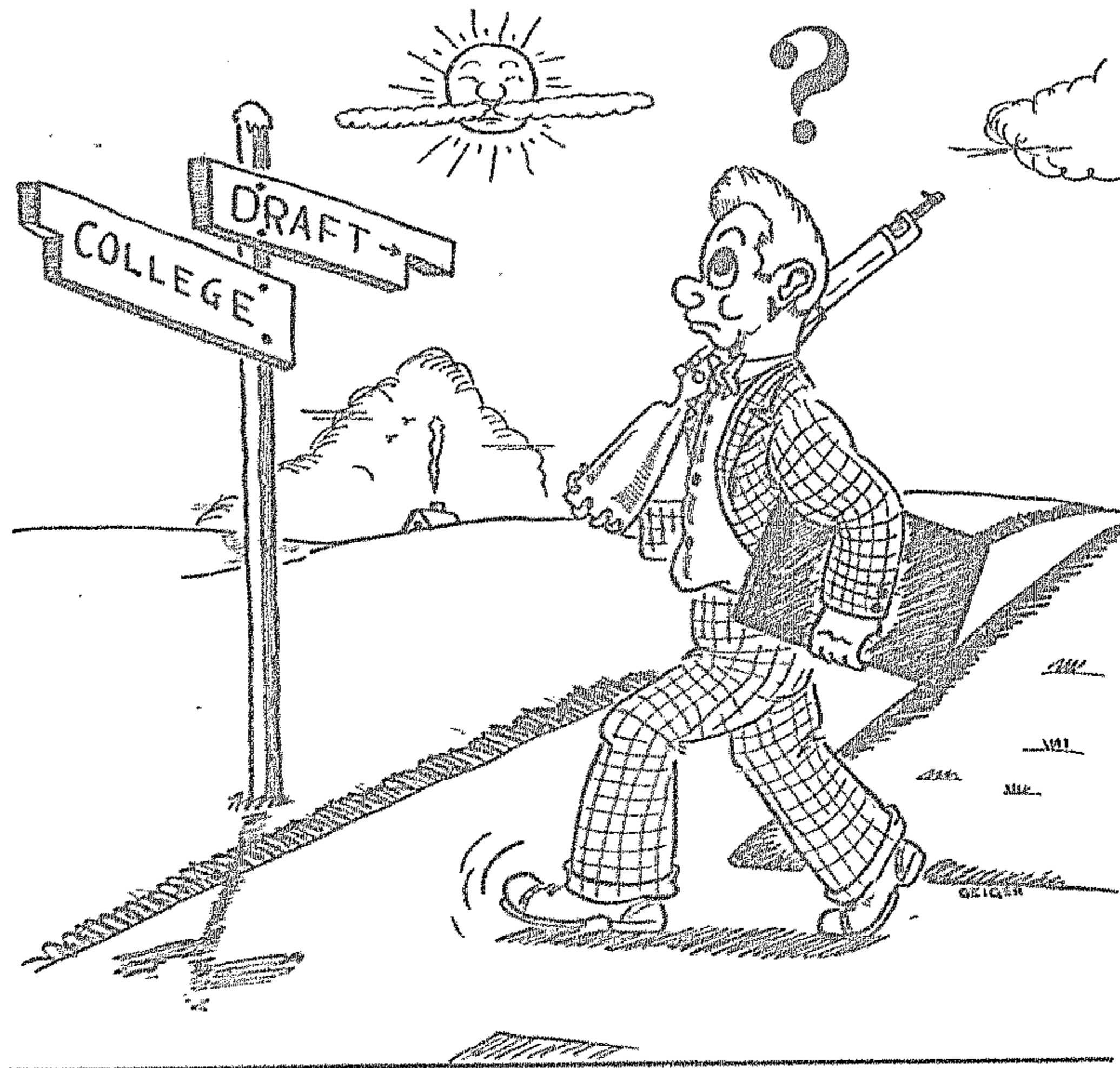
Chairman of the department of mechanics at Illinois Institute of Technology, and formerly the director of the science curricula of AIT, Professor C. E. Paul is retiring from active duty according to a recent announcement made by President H. T. Heald.

Thirty-three years ago Professor "Charley" Paul, who will shortly celebrate his 65th birthday, came to Armour as associate professor of mechanics. From M.I.T., via Kansas State college, New Mexico State college, and Pennsylvania State college, he came here in 1908.

Aside from his labors at IIT, Prof. Paul did a good deal of consulting work. He also wrote several books, and contributed to a number of technical magazines. His compilation of the original tables for basic lumber sizes, upon which the American lumber standards were established, was an exceptionally high spot in his career.

Professor Paul is a member of Tau Beta Pi, Theta Xi, Sphinx, as well as other noted fraternal and engineering societies.

"WHITHER?"



Honor Scholarships Awarded Six Seniors; Congratulations, Fellows

Six seniors in the Armour division were awarded honor scholarships, it was announced by President Heald last week.

The recipients are George A. Storz, architect; Warren Spitz, architect; George Orescan, Ch.E.; Robert Sullivan, M.E.; Charles I. Ball, C.E.; and Robert W. Kerney, F.P.E.

These honor scholarships are awarded on the basis of scholarship, personality, extra-curricular activity, and general fitness.

Both Storz and Spitz won Dora T. Bartlett scholarships, and were selected by the president of the Institute and the architectural faculty.

President Heald chose George Orescan to receive the Bernard E. Sunny scholarship, while Robert Sullivan is honored with the Malek A. Loring scholarship.

Charles I. Ball was selected to receive the Edward G. Elcock scholarship, which is reserved for civil engineering students.

The Chicago Mechanics' Institute scholarship was awarded to Robert Kerney for his work in the Institute.

Their records tell why these students were honored. Storz is a member of the honor fraternity Scarab, a graduate of Luther Institute, with an average of 2.14 out of 3.00 for the second semester of his third year here.

ATTENTION!

All students interested in working on Technology News are informed that there are some open positions at the present time and are invited to apply at either the Armour campus news office, Friday afternoon after 4 p.m. or the Lewis campus news office, Thursday afternoon after 2 p.m.

ARMOUR OFFICE—Chapin hall, 1st entrance, 4th floor.
LEWIS OFFICE—Room 313.

Freshmen and sophomores are particularly desired. In order to save time, please come prepared with program schedule, previous experience (if any), and desired positions, neatly written out.

Spitz is a member of Sphinx, Rho Delta Rho and was an editor of the Tech News last semester. He is co-manager of the baseball team and has a scholastic average of 1.91.

Orescan's average is 2.76. He belongs to the honor fraternity Tau Beta Pi and to Phi Lambda Upsilon.

Sullivan, with an average of 2.95, is a member of the Glee club, Pi Tau Sigma and the American Society of Mechanical Engineers.

Ball belongs to Tau Beta Pi, the American Society of Civil Engineers, and to the Glee club. He was an editor on the staff of the Tech News, editor of Chi Epsilon's newspaper and secretary of the Western Society of Engineers. He has been an Honor Marshal and Junior Marshal, and has a scholastic record of 2.81.

Kerney, selected by the president for his award has an average of 1.85, and is a member of Alpha Sigma Phi.

Tau Beta Pi Convention Next Week In Penn.

Tau Beta Pi, Armour's oldest and most important honorary society, held its first meeting of the school year last Friday. Committees for the year were appointed and plans outlined for an active school year.

The present members of Tau Beta Pi, the highest honor which an undergraduate engineering student can attain, are George Orescan, chemical; Charles I. Ball and Earle G. Huxhold, civils; Robert J. Sullivan and James W. Barnach, mechanicals; Robert Creagan, fire protect; Gustav Staats, electrical; and Edward P. Hanuska and Martin Kregel, co-ops.

This week Thursday, Friday and Saturday, October 2 to 4, the annual national convention will be held in Philadelphia with the University of Pennsylvania and Drexel Institute as host chapters. Representing Armour's chapter, Illinois Bet, will be George Orescan, president; Charles I. Ball, secretary; and Edward P. Hanuska.

New \$1,000,000 Gas Institute At IIT To Be Founded This Semester

SUMMER COURSES GRADUATE 951 MEN, 620 FINISH NIGHTS

While the regular full-time members of the Illinois Tech student body amused themselves in luxurious idleness during the past summer, the campus was the scene of great activity. Professor John I. Yellott, head of the Engineering Defense Program at Illinois Tech, and his assistants were up to their necks in work as they pushed forward their task of strengthening the nation's defense through the medium of training workers for the present armament program.

The full-time summer defense training program enrolled 1,071 students at the beginning. Of this number 961 finished the course, 951 of the latter receiving their certificates of completion. At least 700 of the trainees are now employed.

The evening program offered a four hour per week course for eight weeks in materials inspection. About 700 enrolled for this study, some 620 of them actually finishing the work. This training was offered primarily as an upgrading service with the main purpose of increasing the knowledge and ability of men already employed in industry.

The future holds even greater plans for the EDT program. A full-time three-month course in the field of materials inspection and testing is soon to be opened at Lewis. It is hoped that 400 men will eventually benefit from this opportunity, but the first group will be limited to 150 specially selected applicants. Aptitude tests will be given the applicants to determine their mechanical and mental abilities.

Another evening program of classes is being mapped out at the present time. It is scheduled to start October 20 with a curriculum of 40 separate subjects. Approximately 3,000 students are expected to take advantage of this service, with the obvious result that every nook and cranny of the institute not actually being used by regular evening school students will be pressed into service in this vital program.

IIT DANCE CLUB TO MEET WEDNESDAY

Wednesday, October 8, is the date of the first organization meeting of the glorified IIT Dance Club. If you are interested in joining, you are kindly requested to come to the Armour auditorium at 5 p.m. next Wednesday. You do not need to bring a partner.

The principal purpose of the club is to teach dancing to beginners, and to improve the social standing of the student body. Advanced dancing classes will in all probability also be given. The dating bureau is to be revised and expanded, and more dancing partners are promised for the regular club meetings.

If you are interested, watch the bulletin boards and the next issue of your Tech News.

Gas Foundation Offers Graduate Research Degrees

A program sponsored by the leading natural and artificial gas companies of the United States, is about to bear fruit in the form of an educational foundation for graduates leading to the degree of master of science and doctor of philosophy. New courses will be offered as a separate unit of Illinois Tech.

Our institution was selected as a result of an extensive survey conducted among the leading colleges and universities in the United States. The location of Illinois Tech and the composition of its staff and administrative offices were deemed most likely to fit into the requirements of an intensive study of gas technology.

Million Dollars to be Spent

The new "Gas Institute" will involve an expenditure of more than \$1,000,000 during the next ten years, exclusive of additions to plant and equipment.

According to President H. T. Heald, there will also be conducted and encouraged under this graduate program, fundamental and applied research pointed towards the betterment of the future of the gas industry.

Actual operation begins this September. From five to ten fellowships will be granted students for the first year. The program, however, when in complete operation, contemplates a student body of from fifty to sixty graduate students with a well-qualified faculty chosen for its competence in research and graduate instruction.

Plans for the "Gas Institute" include the erection of buildings to house its activities. These buildings will be in addition to the new structures planned by Illinois Tech under its current expansion program.

Six principal objectives have been laid down to form the basis of operation of the "Gas Institute." First of all the founders of the new institute expect it to be operated to "train qualified young men, college graduates, for entrance to the gas industries. The other five objectives are: to conduct fundamental research; to conduct applied research; to collect and disseminate scientific information." (continued on page four)

THIS WEEK AT IIT

TUESDAY:

September 30

Lewis Drama Club meeting, 1-3, Auditorium.

Sigma Omicron Lambda, Rush Tea, Tea Room—4:15 p.m.

WEDNESDAY:

October 1,

Sigma Beta Theta Rush Tea; Apartment; 3 p.m.

Alpha Lambda Pi meeting, Laird Community House, 1838 W. Division; 7:30 p.m.

THURSDAY:

FRIDAY:

Athletic Assembly — Lewis, 9:10.

MONDAY:

Student Council Meet;

Kappa Phi Delta Rush; 4 p.m.

Illinois Institute Enters 2nd Year Under New Name

Two New Departments Added To Curriculum

Illinois Institute of Technology, beginning its second year under the new name, entered the scholastic year of 1941-42 with a greatly augmented faculty. Twenty-three new instructors were added to the staff to meet requirements for an expected enrollment of some 7,000 day and evening school students.

This year the curriculum has been greatly enlarged by the creation of two new departments: engineering drawing, and industrial engineering. In the department of civil engineering an aeronautical engineering option has been adopted. Dr. H. Spencer, formerly head of the engineering drawing at Texas A. and M. college, is the head of our new engineering drawing department. Dean H. P. Dutton, who has been with the institute since 1933, is now head of the industrial engineering department in addition to his position as dean of the evening division.

A fifth year has been added to the architectural course, calling for specialization in architecture or in city planning. The work in city planning will be conducted under the supervision of Professor Ludwig Hilberseimer, world authority on this subject.

On the Lewis campus the department of home economics has been completely reorganized. The new department head is Dr. Clouse, former nutrition expert for the American Medical association.

(continued on page four)

COLONEL B. B. FREUD CALLED TO ARMY

Dr. Benjamin Ball Freud, professor of chemistry and chairman of that department at IIT was granted an indefinite leave of absence late this summer to go on active duty with the United States army.

Dr. Freud is a colonel in the chemical warfare service. His duty will be that of corps area liaison representative in the sixth regional office of civilian defense.

In World War I Dr. Freud served in the chemical warfare dept. as captain. He was in charge of field gas experimentation at the Advanced Chemical Warfare Station of the AEF. In 1932 promoted to the rank of lieutenant colonel, he was made commanding officer of the 304th regiment of the Chemical Warfare Reserve.

Dr. Freud received his B.S. at the University of Chicago in 1904 and his B.S. in Ch.E. at AIT in 1915. In 1927 the University of Chicago bestowed upon him the degree of Ph.D.

Since 1910, Dr. Freud has been a popular consulting chemist and chemical engineer. His fraternal connections are many. He is a member of Phi Beta Kappa, Sigma Xi, the American Chemical Society, the American Institute of Chemical Engineers, the American Association for the Advancement of Science, the Society for the Promotion of Engineering Education, and the Chicago Chemistry club.

The Illinois Tech Engineer and Alumnus announces that there are six positions as student editors open. Interested parties see Prof. Finnegan.

AERO ENGINEERING COURSE IS STARTED

Armour College of Engineering which pioneered in teaching aerodynamics thirty years ago, will next month inaugurate a program leading to a bachelor of science degree in Aeronautical Engineering.

President H. T. Heald today announced this innovation, making Illinois Tech the sole engineering school in the state and one of the few in the middle west to offer such a degree.

Actual setting up of the courses for this new program will not take place until September 1942. At that time students now sophomores in the civil or mechanical engineering departments, under whose combined sponsorship the new course will function, may choose the aeronautics option. The first graduates with this degree will leave school in June, 1944.

President Heald stated, "Industry demands those general types of men for its needs in the aeronautical fields—designers, production men and technicians. Designers can be trained in the civil engineering field, production men in the mechanical engineering field and technicians by the Institute's government defense training programs.

"Marked advantages will be possessed by graduates of the aeronautical engineering program over either civil or mechanical engineers in that they will have been trained to step from classroom to aircraft plant on graduation."

From the pioneering days of Professor Melville B. Wells, now emeritus professor of civil engineering and former head of the department, to today's faculty of aeronautical engineering experts, IIT has been close to aircraft design, production and research. Among those on the faculty are Hans Reissner, research professor of engineering, who is at present designing a wind tunnel to be used next year; Lloyd H. Donnell, associate professor of mechanical engineering, who for several years was connected with the field of dirigible building; and other aeronautical research experts

FRESHMAN CLASS OF 171 MATRICULATES

The freshman class, numbering 171, again leads the Lewis registration. Six of these freshmen entered Illinois Tech on scholarships. Joseph Dalton and Charles Marner, graduates of St. Mel high school have enrolled in mechanical engineering courses. Viola Sievers and Virginia Pochelski both from Carl Schurz high school and Gloria Klouzar from Morton Junior college have enrolled in the home economics department. Ann Mossner, graduate of Proviso Township high, intends to major in chemistry.

In spite of the large freshman class, total registration numbered only 380. One hundred and twenty-one of the students are registered in liberal arts, 13 as biology majors, 18 as business-economics majors, 51 as chemistry majors, 49 as home economics majors, 96 as engineers, and 34 as pre-professionals.

In addition to the above mentioned registrations there will be 17 new-comers in the Co-op course beginning October 13. In comparison with the 171 freshman, there are 80 sophomores, 74 juniors, and 49 seniors.

Music With A Lift
George Sharpe
Hyde Park 8022

MENDAK PRESIDENT OF LEWIS SR. CLASS

Steve Mendak was elected president of the west-side seniors at a class meeting last Thursday. Assisting Steve in the direction of senior class activities for the coming year will be Florence Moss as vice-president, Ann Anderson as secretary-treasurer, and Sylvia Weislo as student activities chairman.

Prominence in west-side extra-curricular activities has given Steve a good background for the position he holds this year.

Art Patterino was elected president of the junior class; Bud Carlson, vice president; Violet Tukich, secretary; Jack Halloran, treasurer and Dorothy Giambelluca, activities chairman. Mr. Kharasch, who guided the class last year, was again elected junior class sponsor.

The class of '44 elected Dick Johnson to lead them for the coming year. Florence Bartusek was named vice-president; Blanche Fried, secretary; Richard Kerns, treasurer; and Marilyn Johler, activities chairman. Dr. Hedrick of the biology department was named class sponsor.

Leading the freshmen during the coming year will be John Schaffer. Helen Gordon will act as vice president, Irene Ptok as secretary, and Bert Goldman as activities chairman. Professor Marks was elected class sponsor.

Placement Bureau Provides Graduates Of IIT With Excellent Positions

The research building houses one of Armour's busiest departments, the placement bureau which is presided over by John Schommer. This is the department which does such wonderful work in placing both students and alumni.

Office hours are 10 to 11:30 a.m. and 3 to 4:30 p.m., Monday through Friday. For the benefit of freshmen, there is a bulletin board near the check-room in the student union where all notices, regarding part-time employment, and vacation work are being continually posted.

Seniors should note that six photos are needed for senior-records, because of the necessity for additional copies for filing.

This year was a bumper-year for placement, and civil engineers and draftsmen have naturally been in great demand for National Defense jobs. In fact all junior civil engineers who went to the surveying camp during the summer were placed in positions with different railroads immediately on their return to Chicago.

The success of this department in finding jobs for graduating seniors is well attested to by the fact that 99.44% (no soap), of the class of '41 has received position in industry. A majority of the members were offered at least five jobs. Only one man, a graduate of the chemical engineering department,

remained unplaced, and he of his own volition. His parents refused to allow him to work in Washington, D.C.

Architectural students, and civil, electrical, fire protection, mechanical engineering and engineering science students were placed 100% according to their departments. One hundred and ninety, in a class with one coed, had received diplomas.

The average initial monthly salary was \$139.90, as against \$100 paid in 1938, \$110.82 in 1939 and \$119.20 in 1940. Architects average pay this year was \$142.78, chemical engineers \$139.93, civil engineers \$136.92, electrical engineers \$137.47, fire protection engineers \$135, mechanical engineers \$142.68, and engineering science students \$130.

Average initial salary paid 16 graduate students placed was \$156.77. One hundred and fifty-six firms interviewed the 1941 graduates. Exclusive of the class of 1941, 596 positions, only 82 of which were part-time, were found for other Armour division students.

This is the largest number of placements in the history of the college. The highest initial, average monthly salary has been obtained. The largest number of potential employers visited the placement office. The largest number

(continued on page four)

YOUR SLIDE RULE IS IN THE ARMY NOW

The slide rule you would ordinarily buy this term will not be ready for four months. Sorry, it can't be helped . . . It has to do with defense. Tanks, guns, airplanes, all begin with mathematics—and mathematics means slide rules. Although we have multiplied our production, the Defense Program still absorbs rules slightly faster than we can make them now. But we are still increasing production. Within four months we are sure we can take care of everyone . . .

but we'll lend you another!

Meanwhile, you are not forgotten. We have in production a quantity of special slide rules that will tide you over until your standard rules are ready. These rules are not for sale. We will lend you one upon the deposit of \$1.00—and give you a full trade-in allowance when your standard rule is ready. No charge for wear and tear. Use this rule with our compliments as long as the temporary emergency lasts! Your campus bookstore has K&E "loaned-on-deposit" slide rules in stock for immediate delivery.

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OH FOR THE CIVIL LIFE!



Professor Penn

To the primeval stillness of pine and birch forests which smother away the bit of civilization called Camp Armour, seventeen civil engineering students of Illinois Institute of Technology bade farewell last week. Thus, an intensive six-weeks of what the school catalogue calls "Field Practice in Surveying, Civil Engineering 203" came to an abrupt end.

Like their six hundred predecessors, the seventeen civils left the camp with the feeling that they had not only earned their credit hours, but, more important, they had absorbed a bit of the Wisconsin northwoods' own brand of culture.

Penn Presides

Presiding genius of the camp, which has always been regarded by undergraduates of Armour college of engineering as something like the institute's spiritual capitol, is tall, solid, serene John

Cornelius Penn, professor of civil engineering, a graduate of Armour's class of 1905.

A teacher at the institute since graduation, Professor Penn is a 60-year-old native Hollander, who came to America as a child, grew up in the middle west, and remembers when the civil engineering department of what is now the largest engineering school in the United States had two members other than himself, both of whom had been his teachers.

Civil engineering, and particularly the surveying facet of it, make up the heart of John Cornelius Penn.

Engineers are a proud race, none more so than civil engineers. They survey the earth, measuring its contours, deviations and scope, and of all their profession they are most prone to feel they own it. After military engineering, which dates to ancient times, civil engineering is the oldest branch of the general field.

Professor Penn, a patriarch with a schoolman's patience and precision and none of his fustiness, to a remarkable extent is Camp Armour. It was founded by the late, legendary Professor Alfred E. Phillips, whose local career began with the school's in 1894.

Camp Armour Site

The present site of Camp Armour, a triangle of land leased from the state conservation commission, whose broadest side, about half-a-block long, faces west from a thirty-foot bluff on the upper portion of Trout lake, occupies terrain belonging in the 'nineties to a lumber company. Its one-track railroad ran diagonally through where is now situated the dining room of Alfred E. Phillips Hall, largest of the camp's eight buildings.

The original boathouse, once the launch passed out of need and

service, was cut to half its size. No other important change has been made in the physical properties of the place. Phillips Hall, a two-story structure with eaves open at the top for hot-weather ventilation, connected from the beginning to a large annex used for a kitchen.

The Hall's dining room, able to seat forty persons comfortably, is almost one-half of the large downstairs floor, also given over to an office, bedrooms, the student social room with fireplace, various nooks and crannies.

Comforts of Home

The upper floor, opening off broad stairs at the rear of the hall, is in effect a large dormitory, though its eight wood partitions reaching half way up to the V-roof, form separate rooms, securing privacy to occupants. Students ordinarily occupy four cabins grouped about the hall, each accommodating five or six persons. Professor Penn and his teaching assistant, student stewards and resident cooks, together with non-student guests, are housed in Phillips Hall.

An ice house has a roof in common with a carpentry shop and lies close to a "kill" house, where student butchers prepare whole sides of beef or lamb or sides of bacon and pork for attention of the kitchen. Freshly-caught pike, bass or muskellunge share space in the ice house. Like an exclamation point to emphasize rusticity, the inevitable well lies across the diameter of the circle formed by the buildings.

Spirit High

Student esprit, often thought to be an elusive quality in engineering colleges where class programs minimize student recreation and social life, flowers at Camp Armour like the wild vines matted across and around the exterior of Phillips hall. Names of those who have belonged to the good fellowship of the camp since its first days stare down from the hall's wood plaques, ornamented fireplace lintels, the tops of hard-oak tables and, in fact, from every spot where wood can be craved to protest against Time.

Courses No "Snap"

The present summer's generation of Camp Armour residents observes a regimen identical to that of the earliest. Forty-five hours of school work a week, with several hours of note preparation a few nights of each week, is the rule for students. At present the field course in surveying is offered to those who have completed their sophomore year of engineering studies. Years ago it was tied to the end of the freshman year.

The average age of an under-
(continued on page seven)



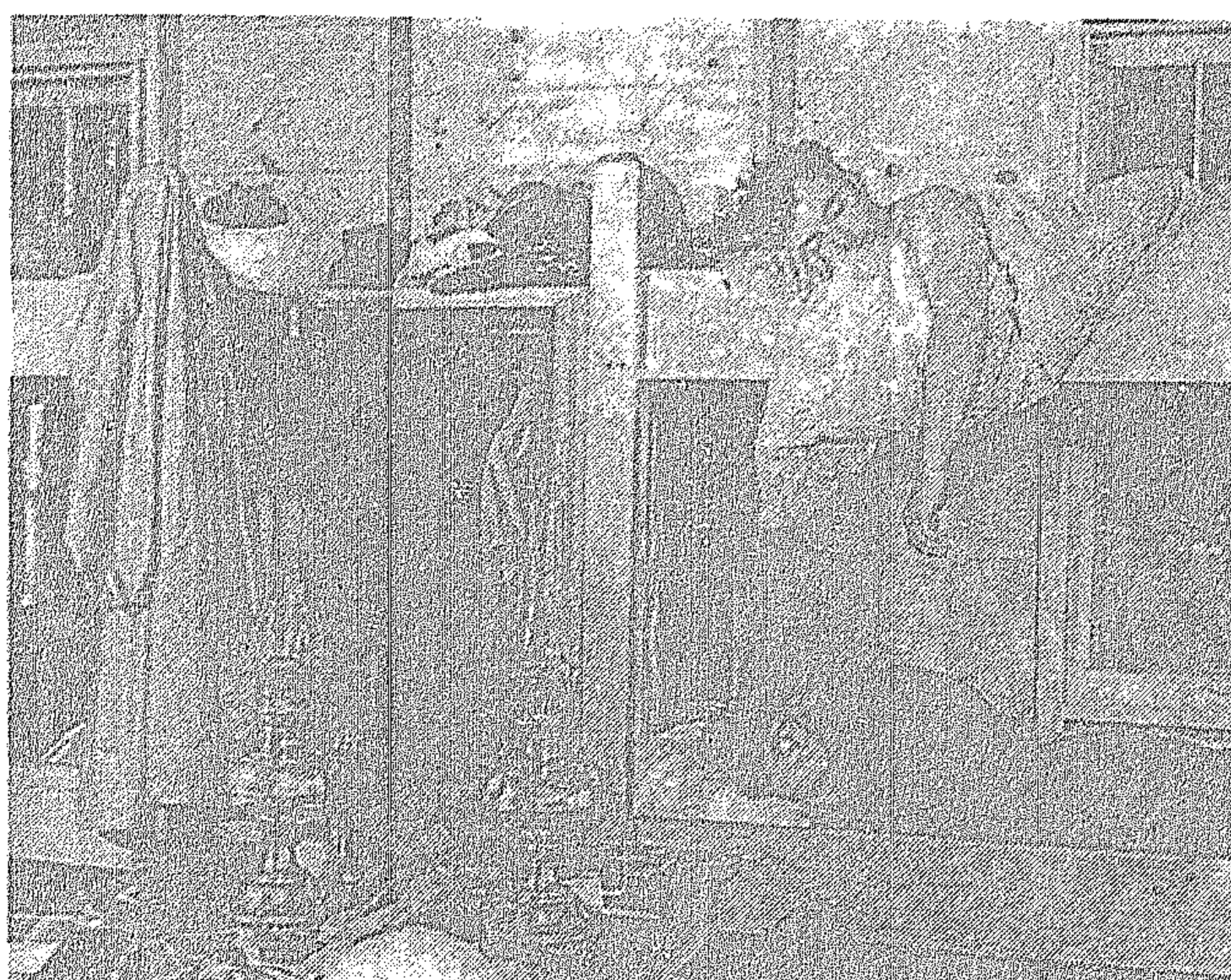
Surveyors All



"Chop-Chop"



Boy! Can they eat.



Siesta



Some Kid, Eh Sport?



"Hold that Tiger"



In the Chapel

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SEPT. 30, 1941

PICTURE PATTERN . . .

In the true sense of the word this may not be an editorial. Those of the students who are new here have stepped into the middle of a rather unique moving picture . . . a picture which is at once both clear and obscure, the final chapters of whose script are titled but not written. Therefore we cannot review it and editorially comment upon the performance of its stars and direction. But it may be perhaps of value to review briefly the first chapter and to clarify as much as possible the potentialities and future kinetics of the ensuing scenes.

To begin with let's get the merger out of the way. There was a merger. That was the painful part. The adjustments still are a necessary evil, but the worst of it is over. For the purpose of this discussion, then, Illinois Tech is our only hero.

Illinois Tech, has at the present time about 7000 students in all its various departments. The undergraduate engineering enrollment is the largest in the country and the graduate engineering enrollment is the second largest in the country. The liberal arts and pre-professional departments are small at the present time despite their excellent qualities. What then does Illinois Tech mean to the average citizen and the average student-to-be?

Let the student ask himself, just exactly why he came to Illinois Tech. If he hasn't thought about it, we'd like to answer. Relatively speaking, Illinois Tech isn't costly. It isn't cheap, but it isn't costly. Of greater weight in his reasons perhaps is the unexcelled faculty and curricula. How did he obtain these facts? Well, he investigated. He took the time to investigate the various schools that fitted his purposes and pocketbook, his method being most likely to send for several school catalogs, and to consult people connected with or experts in the field he had chosen. He was unfortunately forced to rule out, if it was important to him, any considerations of attractive, beautiful, or even adequate campus facilities and social life.

Consider now the average American. What are his reactions to Illinois Tech? We are aware of a peculiar situation. It is the amazing fact that if a cross-section of the natives of Los Angeles, Cleveland, New York, New Orleans and what have you, were canvassed as to what and where Illinois Tech is, the preponderance of blank stares would leave one limp with wonder. And what is more curious, the same can be said about an uncomfortable percentage of those who live in this very city.

Why it is that a school with such a fine reputation in the professional and industrial world is relatively obscure to the general public in comparison to other large technological schools whose names are on the tip of everyone's tongue is a question that must be answered and solved. It might be said that the newness of the name is responsible, but Armour and Lewis were in much the same boat when they existed separately, and now we have had our big splash of publicity re-merger and campus-to-be. It is a disheartening thing, to those who know Illinois Tech intimately and consider there to be much of greatness about it, to discover its anonymity in the public mind and sense that it cannot be truly great and serve greatly unless its capacity to do so is engraved on the consciousness of the American and world mind.

Hail Science?

This must not by any means be construed as an interference to the student in obtaining an excellent education here. The students know it is not and the unparalleled faculty know it is not, else it is likely they would not be here. There are too many old established institutions whose reputations are shells that hide a fast depleting educational usefulness.

But Illinois Tech can serve much more admirably a world shrieking for technical training and enlightenment if everywhere everyone knows there is an Illinois Tech. We might emphasize the fact, in passing, that in such nations as Italy, technically trained people exist almost as gods, when almost all other professions are gasping under the heel of suppression. We do not so write with satisfaction, but it is a sign of the times and must be noted. Thus it is that we at Illinois Tech now find ourselves a part of a tremendous driving program, that has only just begun, to lift Illinois Tech to a focal point in the complex machinery that must provide civilization with an important part of the solution to its needs.

How is it being done and what more must there be done? Well, there is no use kidding anyone that everything doesn't begin with those little green coupons decorated with Washington's, Hamilton's, and Jefferson's benign faces. And a quick perusal of this issue's front page may bring some satisfaction that in the first year of the planned ten year program, the school administration has not been entirely unfamiliar with aforementioned facts. In other words, we're off. Whether it is a good start or a bad start, we'll know in the back-stretch. But at least we know that the school is doing something about that crying need for a place to stretch our legs, even though a gas institute building and new foundry is only a slight relief for toe-wiggling.

What We Can Do

This, however, is only a part of the script. The indefinable somethings that makes one school stand with its head above the others do not end with fine buildings and fine courses, strangely enough. There is a spirit or many spirits of enterprise, endeavor, inspiration and good-fellowship that permeates the student body cross-section. One may think that the manifestation of such qualities into fine dramatic productions, hummable school songs, intelligent student government, enthusiastic participation in athletics, and support for those athletics by the students AND school administration are only minor factors in the scheme of things. Technology News doesn't think so. In fact, we'll make room for a good many thousand inches this year, and many years to come, to shout about it, if you please.

Student interest and pride in Illinois Tech will shove it ahead far faster than anything we know of, because it's the only human, live quality a school expresses to the outside world. And, believe it or not, good cheer, happiness, human interest and human aliveness can not be projected by a new atom smasher, a massive stone building, or a few brand new courses . . . unless, perhaps, such objects indirectly help to stimulate those qualities in the students.

We've got a job on our hands, then, kids. If there is any petty bickering left, squash it. It isn't any fun, anyhow. If as much is given to Illinois Tech as you expect to give to an employer later, you will leave a far more intelligent and useful fighter vs. the moronic philosophies that will be thrown at you later. Let's hear about it if you have a "better mouse trap." Attractive pennants, smart stickers, catchy songs, new intelligently aggressive ideas (and we don't mean that "rah rah" college harsh stuff) are representative of the little words that will build a prettier picture for us and the rest of the world to look at. The administration can help immediately in that, too. The lack of elimination of some small business practices in regard to the students and the absence of dynamic support financially and morally for student activities will defeat more than anything else their own aims and purposes.

T.B.

New Faculty—

(continued from page two)

Dr. V. Streeter is a new member in the civil engineering faculty who has worked with the International Boundary commission at El Paso, Texas. He is now teaching hydraulics, and hydraulics laboratory. Professor Spears received his doctor's degree during the summer, and Le van Griffith is back, too. Dr. Griffith had a leave of absence to obtain his degree at Cal Tech. Mr. Half, an instructor in civil engineering, is working for his doctor's degree. He came from Texas A. and I. College, at Kingsville. In chemistry Dr. Murray has been appointed chairman and has in his department five new men: Dr. Bernstein, from Princeton university, Dr. Bicek, Dr. Zmeskal, Mr. Irving Goldstein, and Mr. R. Griffith.

Drs. Christy and Kennedy have been made members of the physics department. The social science department gained a member in Dr. V. Jones, and the English department has Drs. White and Read. Dr. Schier and Dr. Richter will be the custodians of IIT's polyglots.

Gas Institute—

(Continued from page one)

formation pertaining to gas research, development, investigation and processes; to act as a central organization to coordinate research throughout the gas industry.

Upon completion of four years of study, the student would receive the degree of doctor of philosophy, awarded by Illinois Institute of Technology.

The course of study which requires college graduation for admission, would include three years of academic training based upon the fundamental science studies and would include organic chemistry, engineering mathematics, physics, fluid flow and heat transfer, physical chemistry, gas technology, chemistry of polymerization and depolymerization, and catalysts and surface chemistry.

The fourth year of the students' training will consist of research of a fundamental nature, of interest to the gas industry. In addition, the student shall be expected to have spent at least three summers of work in some phase of the gas industry.

Students To Dawnce At Half Rate, Gosh!

Here we are again, back to the old grind. The profs have already hit their deadly stride. The Tech News, however, in collaboration with Secretary Ickes, has organized a committee to eliminate the burning of that vital supply of Midnight Oil on the weekends. They plan to enable IIT students to spend that time in relaxed syn-copation and stuff. The committee wasted no time in bringing about this mighty effort. They made arrangements with the Edgewater Beach hotel to obtain student courtesy cards for the weekly college shindig held in the Marine Dining Room every Friday night.

These cards may be obtained at the check room of the Student Union by presenting your tuition receipt. They entitle the bearer to dance in the Marine Dining Room at one-half the standard cover charge. Two floor shows are presented, the regular show at 10 o'clock and the college show consisting of amateur entertainers from colleges in and about Chicago. Henry Busse and his orches-

ASCE Meeting Discuss Convention

One of the school's most active societies, the IIT chapter of the ASCE, held their first meeting of the school year last Friday, May 26. Presiding was Art Minwegen, C.E. '42, the active and energetic president of the society.

Most important business of the day was the discussion of the forthcoming National Student Convention, opening Wednesday, Oct. 5th, at the LaSalle hotel.

The Illinois section of the ASCE is under the guidance of Mr. Lawrence Lyly, graduate of Lewis institute, and now a structural designer for the Santa Fe railroad. Arrangements for the student chapter conference are under way. All chapters in the United States have been invited to participate in this conference at which IIT and Northwestern are acting as hosts. Out of town delegates will find accommodations at the Lawson YMCA and the LaSalle hotel.

The conference will open with President Henry T. Heald of Armour and President Franklyn B. Snyder of Northwestern University sharing the honors in extending welcoming addresses to the representatives. This will be followed by an opening speech from John H. Potter, chairman of committee on student chapters. After this the election of the conference officers will take place.

Outstanding event of the conference will be a luncheon at the LaSalle hotel at which student awards will be made. These awards will be made to the students who, in the past year, have presented the best papers and will be accompanied by awards of \$40, \$20 and \$10 for first, second and third places respectively.

Highlighting the planned tours to be made during the three day convention, will be an inspection-trip of Chicago's semi-completed subway system.

Topping off the day will be a dinner dance at the Palmer house. The boys will have six full hours of delightful dining and dancing.

Placement—

(continued from page two)

of alumni placements were made.

Success of the placement department this year was due the emergency arising from total rearmament of the nation, it was declared.

One student, Donald Crego, 6128 Dorchester avenue, who graduated in mechanical engineering, had twenty interviews and fourteen offers of positions. He chose the Crane company, 4100 S. Kedzie avenue, where he is employed in the research department. No member of the June class, however, approached the record of a student who graduated in February, 1941, after a five year mechanical engineering cooperative course and took employment in a Michigan automobile factory as a die designer at a salary of \$325 per month.

tra is featured at the present time. Tables may be reserved in advance for your party at no additional cost.

With the Marine Dining Room as an inducement the committee is now making arrangements with Mr. Karzos to obtain special student rates at Aragon-Trianon. Plans are well under way and we expect to have news of the arrangements when we next go to press. Members of this committee are Bob Burkhardt, Hugh Story, Dan Brown, Ivo Buddeke, and Bob Burns.

"Sonny" "Hal" Look To Future; Record Season Again Forecast

Three Sports Occupy Weissman's Schedule

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

The congenial little fellow attracted attention as an athlete while at Lane Tech, starring in baseball, basketball, track, and



Bernard Weissman

soccer. In 1924 he entered De Paul university and in 1928 graduated with an A.B. and a L.L.B. degree, finding time to engage in sports.

Came to Armour in 1928

In September of 1928, he became Armour's boxing coach, and in 1932 when wrestling was revived he took the responsibility of guiding the team. To the present year the grapplers have always ended above the .600 average. This year's outlook seems much better as many of the lettermen are back.

From April, 1934, to 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 1939 he became assistant athletic director to John J. Schommer, athletic director of Illinois Tech.

"Sonny" has added to his activities the position of referee, since 1934, in the National Amateur Boxing association. For the past six years he participated in the Golden Gloves tournaments in that capacity.

Football Enthusiasm Reaches New Heights

Last year, the first time in decades, Illinois Tech unofficially sponsored an eleven man football team. Fred Lukens served as pilot for a scrappy and aggressive organization.

The major games were played against the University of Chicago players. The games were taken by Chicago by three or four touchdowns. This was principally due to the short training period for our team and the lack of reserves. Chicago had three or more fully equipped and experienced teams on the field. They, however, were scored upon and were unable to cope with the spirit of their opponents.

This year a number of new men have showed interest in furthering the efforts of the team. Should a person desire to get information he should get in touch with Fred Lukens or Pete Zemaitis. If satisfactory interest is created, several full time coaches will be assigned.

Davey Plans Repeat Of 1940-41 Successes

Last year's tennis team set the best record for tennis in this history of the Institute. It scored fourteen wins and one tie as against four losses. The opposition included such formidable schools as Purdue, Loyola, Indiana State Teachers, Butler and Marquette.

Stronger This Year?

This year's squad ought to be stronger than ever with the return of the whole team except for the former captain, Bob Lange. The team will be captained by Mike Schultz, who played No. 1 man last year. The manager will be Dick Hameister.

The outfit will again be coached by Doctor Hal Davey. Armed with nothing more than a doctor's degree from Harvard, Dr. Davey created a very successful team last season. Despite the success of the squad and the fact that most of them are returning, Coach Davey states, "all positions are still open and all tennis players should enter the spring tournament. This is where candidates for the team are chosen."

Also included in Dr. Davey's ac-



Hal Davey

tivities is the coaching of the hockey team. Hockey is still an unofficial sport at IIT but may break into the ranks of officialdom after it proves itself. The team played amateur teams around Chicago. They now have equipment and a lighted rink to play on so this year's prospects look brighter.

Tech Yachtsmen Set Sails For New Year

Sailors Bill Parks and Jack Kasman are once more clearing the decks for another successful season at the helm of the Illinois Tech sailing team. Being defenders of the Mid-West Intercollegiate Sailing championship after only one year of competition the team seems destined for even better things during the coming nautical season.

Lose at Sandusky

Holiday races at Sandusky Bay were the last competition in which the team represented Tech. The foursome of Parks, Bonar, Udelle and Kasman, however, found the waves rougher than the competition resulting in fruitless efforts.

Members Wanted

A new membership drive for the sailing club will soon be in progress. From the club comes the members of the team which represents IIT in competition. The sailing is usually done in either dinghies or sloops.

WAITING FOR THE WHISTLE



"Remie" Meyer, basketball coach of Illinois Tech.

Basketball Prospects Loom Best In Years

When Bob "Remie" Meyer took over the coaching of the basketball team last year, a great future was predicted for his reign. After only one season this prediction has already been partly realized.

In his first season, Meyer took a disorganized, disgruntled, beaten team and turned them into a fast moving peppy outfit. They won six and lost seven close ones last year, in contrast to the previous season's record of one win and fifteen losses.

Few Graduate

Seven of the nine major lettermen from last year's team are returning. Among these are Captain Howie Pendlebury and the team's leading scorer, Jack Byrne. Harry Sieg, Mike Carey, Bob Neuhouse, Ray Lagodney, and Wally Futterer are the other returning major lettermen.

Several other promising men are returning and will keep the top men fighting for their positions. Last year Coach Bill O'Brien turned out a good Freshman basketball team and this year has turned them over to "Remie" Meyer. One of these men, Bob Kidd, played one game with the varsity and showed great promise.

While Coach Meyer was still at the University of Chicago he hung up one of the greatest records of any athlete in the last decade. He starred in basketball, baseball, and football, winning nine athletic awards.

Big Ten Star

In his senior year he was acting captain for half the season and his court achievements culminated in his being selected on the second team of the Herald-American's all Big Ten squad. Meyer played first base on Chicago's baseball team and led the Big Ten in home runs.

After he graduated in 1938 Meyer played pro-basketball and pro-baseball beside selling insurance. Last year this versatile gent came to Illinois Tech as basketball coach and is now concentrating on the coming season, for which practice starts about November 1.

NOTICE!

All freshmen interested in representing their class in the coming interclass hardball tournament will practice on Ogden field, Tuesday at 3 p.m. Be there!

Intramurals To Be Run By Milt Pleva This Year

So you think you're not good enough to go out for a team, do you? So you haven't got enough time to practice? So you can't . . . Well, if you are troubled with any of these 'so's' just bend an ear to this following tale.

Years ago the authorities of IIT recognized the need for competition outside of the regular athletic teams for the members of the school. Thus, the intramural program came into being as one of the most useful and popular programs at AIT and then at IIT. Each year the ITSA board chooses a member of the senior class with outstanding ability in the line of sport management to run this program. This year Milt Pleva, a member of the senior class, has been chosen to be the manager.

No Fall Tennis

Milt announces that the program for this year will follow last year's program very closely with only one major change. This change will be the elimination of fall tennis. In the past no medals have been awarded and this combined with the poor weather had cut down the number participating. So, the event is hereby dropped from the program.

For the benefit of those who are new here (and from all reports they are the majority this year) there are many more events to the intramural program than the tennis. As you probably already know the hardball tourney is under way. Immediately after this will follow golf and touchball, with bowling ping-pong, and indoor track following in rapid succession. The year is rounded out with boxing, wrestling basketball, softball, tennis and again golf. This is not the exact order of competition but follows along pretty closely.

Change in Schedule

Milt Pleva wishes to announce several changes in the actual running procedure from that of the past years. One major change is that dealing with deadlines. This year the period between announcement of an event and the deadline will be extended so as to last for about ten days or two weeks. However, after the deadline is once announced no other teams will be accepted for any but an iron-clad reason. Another major change will be in the umpires used for softball and touchball. These men will be official refs and they will be the only ones eligible to run the games. Also, Milt plans to have a stop-watch handy for use with football so the the games can be made more precise than they have been for several years.

Scheduled as the first sport is hardball, better known as league baseball. The teams are made up of nine men from each class and games will be played on the single elimination basis.

Last year the sophomores won the title but are handicapped by the loss of Dambros, Silla, and Byrne, all letter winners of the baseball team. This year it looks like the seniors will put out a good team with Jencius, Newhaus, Gertle, and Simonsen playing for them.

Tuesday the juniors play the seniors at 5 p.m. and Wednesday the frosh oppose the sophs. The winners will play it off for the title on Thursday.

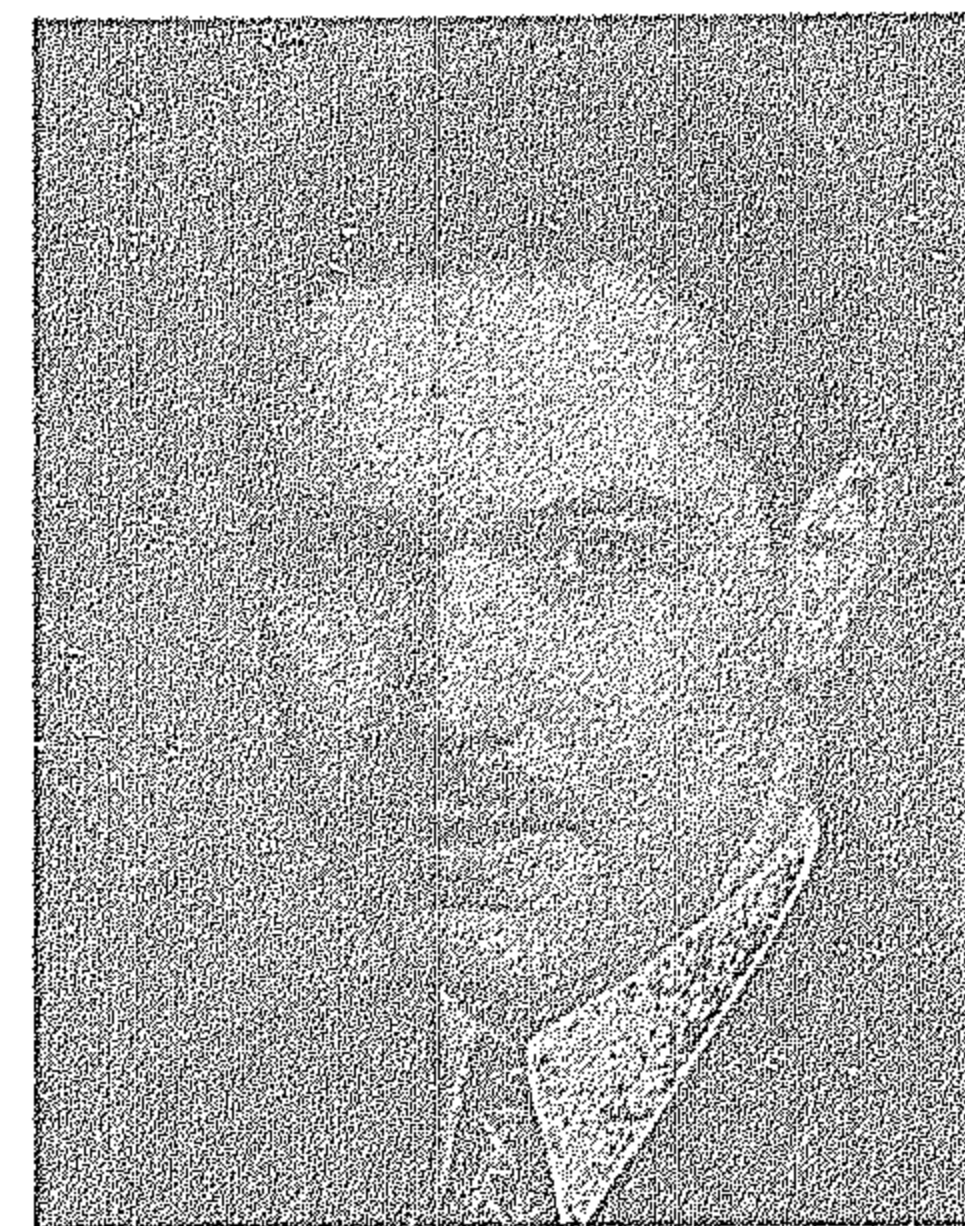
THINCLADS AWAIT RETURN OF ROOT

The Scarlet and Grey-clad trackmen of Illinois Tech returned to school to find their future unsettled, but hopeful. Returning veterans and potential freshman material points toward a rosy future on the cinder-track. But unsettled still is the coaching position which Coach Norman Root vacated temporarily due to illness.

Rests in Sanitarium

Coach Root, former Big Ten and University of Chicago sprint star, was forced to relinquish the coaching reins last May due to his confinement in a tuberculosis sanitarium. Barring unpleasant developments, Norm, at the present writing, will be back in December when the call for candidates is made.

Since 1935 when Alonzo A. Stagg Jr., guided the destinies of the former Armour Tech and present Illinois Tech, track teams have rested in Norm's hands. He has been a guiding force behind the production of the outstanding



Norm Root

midwestern indoor relay carnival namely, the spectacular Illinois Tech relays. Outstanding team of Norm's coaching career at Armour was the undefeated squad of 1938, which also garnered fourth in our own Tech relays.

Last season' team was successful in beating only six opponents of their thirteen meet dual season. However, with a nucleus of five major lettermen and four minor letter winners returning the team faces a much brighter future. The returning lettermen include Co-captains Dick Barry, junior hurdler, and Wayne McCullough, senior Co-op distance star. Also returning are former Capt. Harry Heidenreich, versatile fieldman, and sophomore Bob Osborne.

Jean Michels Of Lewis Institute, Cycle Champion

Easily outdistancing her opponents, Jean Michels, Lewis liberal arts senior, pedaled her way to the championship of the girls' racing division of the Amateur Bicycle League of America on August 23 and 24 at Pasadena, California.

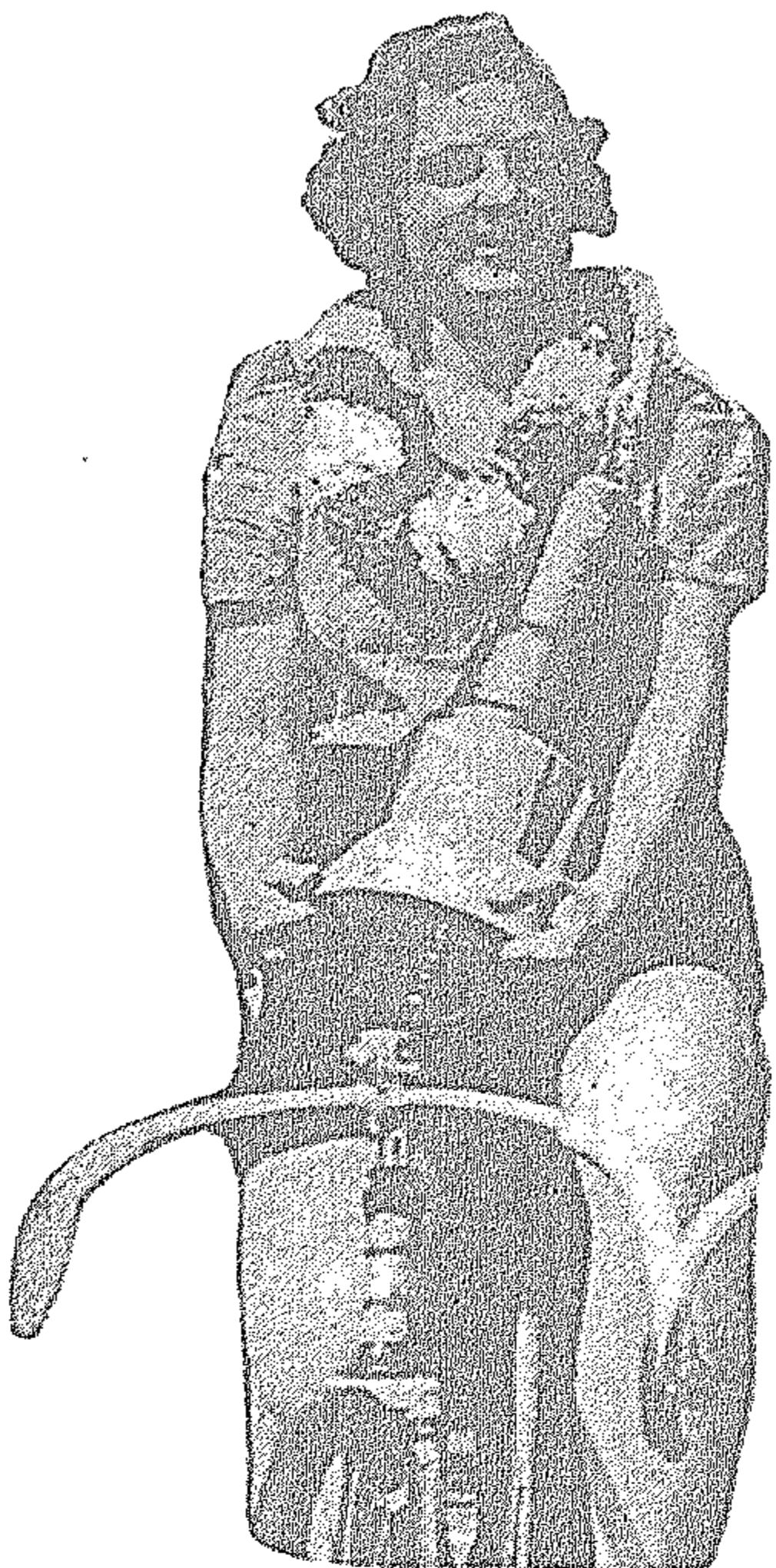
Illinois State Champion

Jean, a petite miss whose scholastic ability is equal to her athletic prowess, qualified for the national meet by winning the Illinois state championship and in doing so, duplicated her last year's performance. The final contest consisted of three heats, one, three and six miles in length on the open road. Miss Michels met the challenge of the road with a superb display of endurance and speed. She was awarded the first prize blue ribbon in two of the races and garnered a second place in the third.

Awarded by Bishop Sheil

After her excellent performance at Pasadena, Jean was invited to participate in an exhibition race at San Jose, where she rode to victory in the one-mile and half-mile events. For her trophy case, Jean secured a two foot cycling trophy, two plaques and a gold medal. Further acknowledgement of her success was made by Auxiliary Bishop Bernard J. Sheil, who presented her with a bronze

dresser set during the CYO bike races at Humboldt park. The dresser set (no commercial) was donated by the president of a local bicycle supply house.



Jean Michels

Jean plans to defend her championship next year at the finals which are tentatively scheduled for New Orleans. She is a high-standing chemistry major and has the distinction of being the first and only girl at IIT to receive a private pilot's license from the Civilian Pilot Training program.

IIT Swimming Team Strongest In Years

Beware of the IIT mermen! Prepare for the strongest swimming team in the history of Coach McGillivray's great squads. Mac has always been able to produce good teams even from a restricted selection of men; this year, however, he has as fine an aggregation of swimmers as any coach could hope for.

Pearson Returns

Along with his returning lettermen of last year, Mac also has Whitney Pearson, a sophomore, who after having earned his letter in 1939, quit for a year and now has returned. Whitney is a free-style swimmer and his return to the team will mean much. Most of the losses suffered last year, might have been averted but for a few points and Pearson might be those points.

Captain Earle Huxhold, back-stroke artist, informs Technology News that a freshman named McLearn, who swam for the Lane Tech, Chicago public high school champions, is also attending our school this year. We hope that he will prove an asset to our Bartlett pool men.

Bunce Is Manager

Some of the men who will perform for us again this year are, Bill Condon, diver; Roman Mankus, free-style; Karl Koos, breast stroke, and J. Tregay diver. The team will be managed by Hobert Bunce.

Intramural Golf Tourney Opens Saturday, October 4 at Southmoor

"Zowie! A hole in one!" Come on you divot diggers, golf isn't over for you this year. Nope and nossirree! You still have a dandy golf tournament awaiting each and every one of you. Saturday, October 4, is the day. Southmoor Country club is the course, special rate, too. Prizes? There's going to be two dandy medals, a lot of golf balls, and a darn good time. At present the plan of inaugurating a trophy upon which the winners' names will be engraved is being considered. If this is adopted, it will be the first of its kind at Illinois Tech.

Different Divot!

This tournament is going to be run on a little different scale than those in the past. The golfers will tee off at nine in the morning. The first eighteen holes are going to be medal play, that is, by score. The eight non-letter men with the lowest scores will be matched and play another round. When the eight have completed their matches four unbeaten men will remain. The four will combine their efforts on the next Saturday, playing as a team against the present lettermen.

This will be a fine opportunity for men who have had secret aspirations to the golf team to get out on a good course and really give Mr. Par and the lettermen a shellacking. The men who shine



Samuel Bibb

in this tournament will be tabbed for spring reference when the team begins its schedule. According to Coach Sammy Bibb (eds. note, swell fellow) some very fine material entered the school this fall and the tournament should prove very interesting.

Form Your Foursome

Southmoor Country club is located on the south side of Chicago at 131st and Southwest Highway. Maps will be provided on the bulletin boards. All those interested in playing please sign the list at the cloak room at Armour and the one at Lewis as soon as possible.



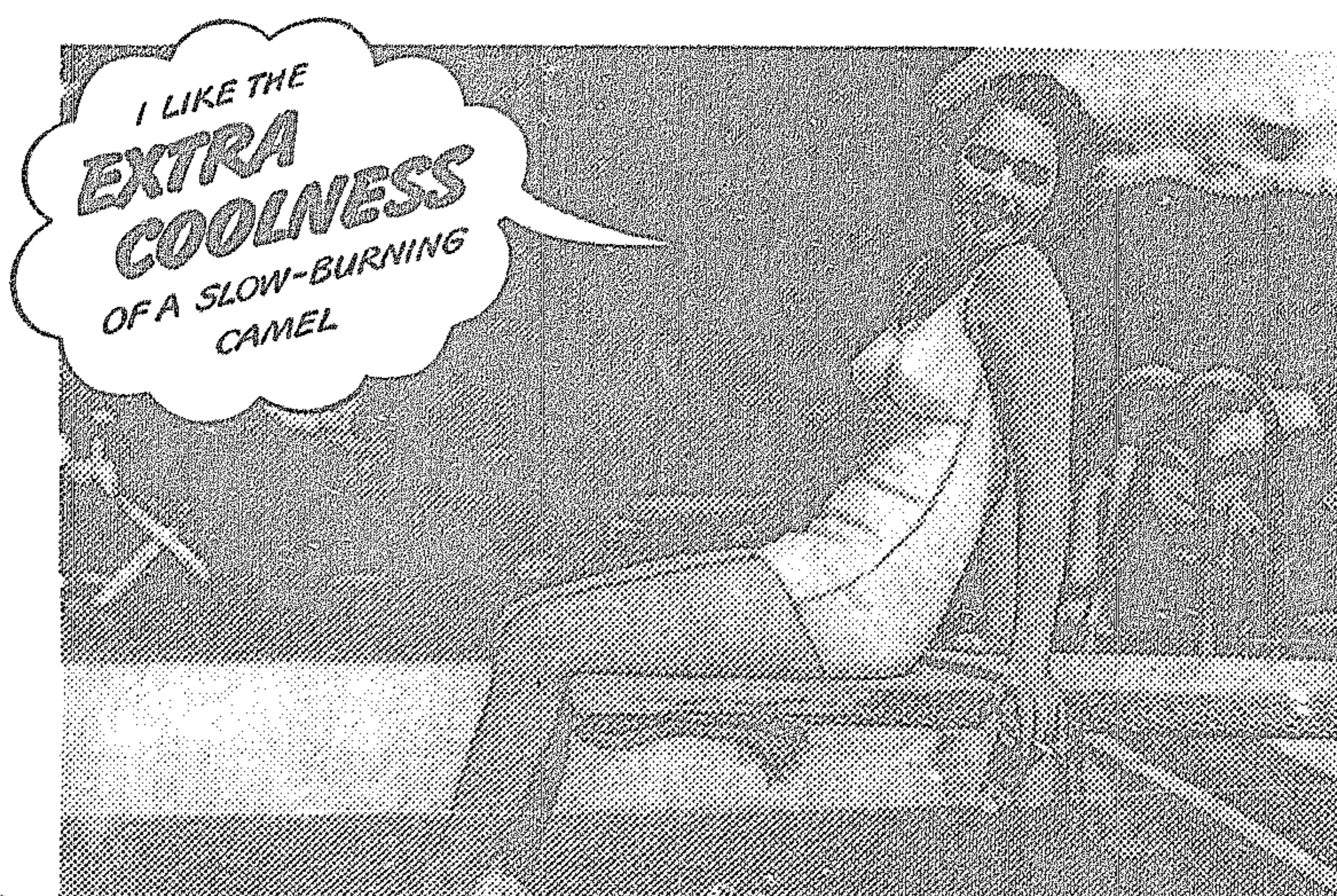
The name is Dorothy Van Nuys. The place—California's popular Santa Barbara. The cigarette—America's favorite—C-A-M-E-L!

SHE SWIMS . . . she rides . . . she's typically modern in her zest for the active life. Typically modern, too, in wanting to know the scientific facts about the cigarette she smokes. In choosing Camels, Dorothy Van Nuys enjoys the scientific assurance of a slower-burning cigarette. That means more coolness, freedom from the harsh, irritating qualities of excess heat . . . extra mildness. And she knows, from independent laboratory reports, that in the smoke of extra-mild Camels, there is less nicotine. (See above, right.)

The smoke of slower-burning Camels contains

28% LESS NICOTINE

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



R. J. Reynolds Tobacco Company, Winston-Salem, N. C.



"I NEVER REALIZED, until I changed to Camels, that a cigarette could be so much milder and yet have all that wonderful flavor," adds Miss Van Nuys from the pool's edge (above). Yes, Camels always hit the spot—and they're extra mild with less nicotine in the smoke.



CAMEL

THE CIGARETTE OF COSTLIER TOBACCOS

YES, DOROTHY VAN NUYS, and the important point is: Camel's extra coolness—and other Camel advantages are in the smoke. After all, it's the smoke you smoke. And in the smoke of the slower-burning cigarette of costlier tobaccos there's more coolness, more flavor, extra mildness—with less nicotine.

The smoke's the thing! Smoke out the facts about milder smoking pleasure yourself. Dealers feature Camels by the carton. For economy—convenience—get your Camels by the carton.

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

5 EXTRA SMOKES PER PACK!

Camp Armour Is Haven For Civils

(continued from page three)

graduate who spends his summer at Camp Armour is eighteen. However, it often happens that juniors, and, on occasion, seniors, are to be found among those present. Since this course is compulsory, no would-be civil engineer ever tries to dodge it. Circumstances sometimes make it

necessary that a student take it later than his sophomore year and allowance is made in given cases.

There is no prevailing sanity test for admission to the civil engineering department. But if a student should express dislike of the Camp Armour summer course in a public place he would probably be adjudged insane by his fellows.

Professor Penn's course, which he has in past years taught with the aid of one or two departmental colleagues, this year had for an assistant teacher Richard J.

Hruda, a June honor graduate of Armour College of Engineering of the institute. As a junior, Hruda spent his undergraduate compulsory hours at Camp Armour; as a senior, he returned to be one of two camp stewards whose duty it is to conduct much of the administration of the camp; and this summer, as a graduate, he returned with his recent bride to demonstrate what he could teach in the tradition of Professor Penn.

Determination of meridian and latitude is made by solar observation, and laying out a meridian

from observation upon Polaris; problems in highway and railway location, including running of preliminary lines, taking topography, running in lines from paper location, and laying out simple curves and spirals are also part of the course.

Conquests Waits

The formal outlines of phases of a course in surveying give little hint of the large adventure and zest of conquest to be experienced in the field. The entire northern highland state forest tract, of which the immediate ten square miles surrounding upper and lower Trout lake are Camp Armour's classroom, is sometimes called, laughingly, "Pennsylvania," as a reflection of the tremendous influence Professor Penn has had on the entire neighborhood.

Before Professor Penn's students venture from the security of Camp Armour each morning an unvarying rite is performed. Instead of throwing salt over each shoulder, Professor Penn stamps the cold earth tentatively a few times and for five minutes becomes the Knute Rockne of surveying.

In a crisp voice, with an upward inflection, he tells what he wants done during the day. True, though it is only 7 o'clock at that time, he talks to his boys as if they were fully awake. Sometimes they are. A first bell at 5:45 a.m., a second ten minutes later, and the knell that kicks the day awake with breakfast, at 6 o'clock, seem to come in rapid order. Breakfast, in which student waiters Jeeves-about like dervishes, is history by 6:30 a.m.

Survey Groups

A common working unit is that of five men, with all units engaged on separate but related aspects of a given problem. A problem book, compiled by Professor Penn, is a standard work for the course, together with other contemporary volumes.

A what-ho spirit seems to emanate from the bands of embryo surveyors as they trudge out of camp each morning. Axes slung across hips, transits over shoulders, lines and other gear arranged with elaborate skill over leather or lumber jackets, every month carrying a pipe heavy enough to guarantee its owner is no dilettante—Professor Penn's boys will sing some robust ballad as they fade away into the forest. The spectator is reminded somehow of Morgan's men unhorsed; and that there is no strength through joy where first there is not joy through strength.

By some mysterious Atlantis instinct students stream from valley, hummock, hill and field, from swamps and brakes, from lakes and rivers where they have been taking soundings, back to camp with magical precision at 11:30 a.m. Lunch is announced by a bell that rings crazily. At 12:30 or 1 p.m., they are back at work. Dinner is at 5 p.m. and generally is so elegant as to provide an asterisk for each day of the calendar.

Social Life

From time to time, depending on the burden of work in the field, there is swimming before dinner. Generally, the day's boating, fishing or swimming occur before the sun fades, in the golden, magic time after the evening meal.

Professor Penn has seen the evolution of camp social life, from the period when lack of roads, and dependence on foot travel, necessarily confined his boys to the vicinity of the camp most nights. At present, though three or four older students might have automobiles at camp, but only on Saturday nights may they leave without permission. Functions of camp life are so interdependent,

the shadow of each social activity being intimately associated with the borrowing of a shirt, tie, or even a suit, that rarely does an individual student find a girl that does not prove to be the camp's girl, in the sense that everyone knows her and has stepped on her toes while dancing.

Camp discipline is practically student-controlled, moving with a quiet efficiency that is democratic, a process in which the cool waters of Upper Trout lake play the chastening role of judgment seat. Chiefly, there are no fights, no petty bickerings even, because there is no time, and because such a life as Camp Armour offers militates against moral weaklings or weak sisters.

End of Week

Saturday night is Saturday night, of course. It is probably the only night when it is hard to get together a five- or six-piece orchestra about the upright piano to the right of the fire place. The population of Camp Armour streams into Minocqua for the movies, into Woodruff or Boulder Junction, but particularly into Shrimp's Place, a super-juker joint, with four-piece orchestra and friendly college girls who work by day as waitresses at nearby resorts.

Coca-colas or malted milks are about what most of the boys can afford for one couple. The girls know enough not to ask for more. Camp Armour fledglings, aside from the aura of learning and dignity their tradition has given to the neighborhood, have learned always to mention the cabalistic syllables "Johnschommer" if they get in a tight spot.

"Bunyan" Schommer

For big John Schommer, professor of chemistry, athletic director, director of placement and front-line personality of Illinois Institute of Technology back in Chicago, is virtually burgomeister of the whole northern lake country. He has caught the biggest fish, told the widest yarns, knows more of the indestructible natives than any man around. The past summer his picture occupied the frontispiece of the descriptive folder issued by the busiest of the resort towns.

Parents of students find a more than 400-mile-drive, or train ride, to Upper Trout lake no considerable barrier to visiting their sons. Week-ends and the Fourth of July are marked by pilgrimages to camp. Nothing, however, is allowed to disturb the strict scholastic atmosphere of camp precincts. Sunday morning finds most of the students awake for 7 o'clock breakfast, half of them hurrying off to church in nearby Sayner.

Enrollment

Student stewards employed at Camp Armour for the summer were Raymond S. Leibbrandt, a senior in September; and Robert Sundstrom, likewise a senior.

The following students were enrolled at Camp Armour during the past summer: Arthur Minwegen, Vance F. Zdarsky, John S. Jackimiec, Thaddeus R. Maslanska, Herman Tachau, John G. Kasman, Mario Silla, Irwin Lachman, Albert Schmitt, Robert V. Gerth, Melvin E. Johnson, Anton J. Groh, Herbert T. Schumann, Jr., Raymond W. Sauer, Frank E. Nelson, Isadore E. Kriesberg, and Charles A. Fenster.

IN MEMORIAM

We of the Tech News and the class of '43 wish to express our deep sorrow at the passing of Frank Nilles, jr. chem. Frank was drowned last summer in the Burnham park lagoon.

Books and all Supplies

FOR

I. I. T. Students

SPECIAL!

Heavy 3-Ring Canvas Binders
(11x8½)

Embossed with IIT Seal

Complete with Paper & Index

\$1.18

SPECIAL!

3-Ring Zipper Binders
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\$2.75 value

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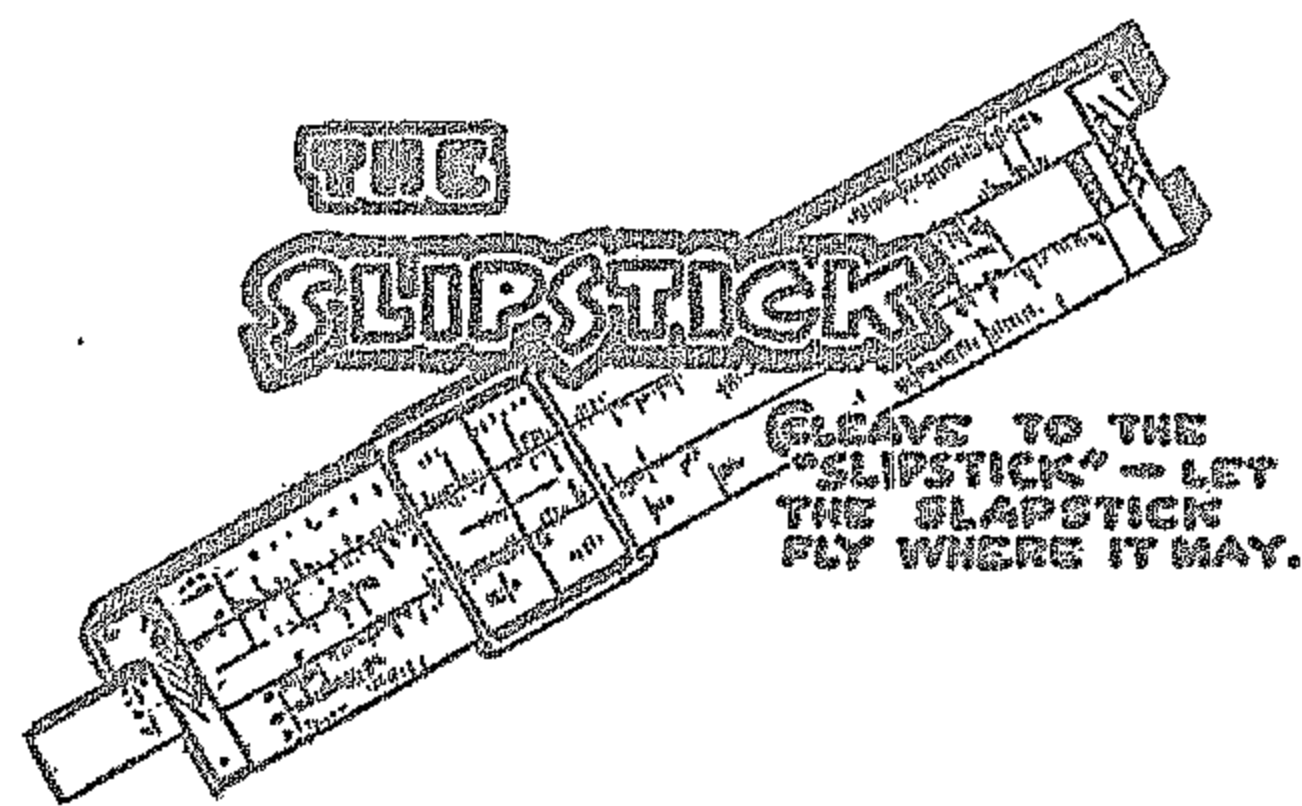
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Come on, gang, let's light the gas;
Some gags you'll like and some will pass.
For, it's tough to find for love or money
Jokes that are clean and likewise funny.

One of the regular army sergeants had an assortment of recruits on the rifle range recently and was nonplussed to see that every one of them had completely missed the targets at one hundred yards.

He moved them up to the fifty yard range and still not a bullet hit the targets. At twenty-five yards the result was the same. "Fix bayonets and charge," the sergeant bawled.

Mother: "What are the young man's intentions?"

Daughter: "Well, he's been keeping me pretty much in the dark."

A charming young gal was dear Helen;
In her home town she was quite the belle,
She was proper, all right,
When the lamps were alight,
But out on the porch there's no tellen.

"Where have you been, Bill?"
"In a telephone booth, talking to my girl."
"Didn't take you long this time."
"No drat it. Somebody wanted to use the phone, and we had to get out."

When a girl is up on a ladder, men get the Rung ideas.

The story gets around that two Ubangi girls met one very hot day in the jungle. One of them stuck her face up close to that of the other, and rapidly repeated:
"Peter Piper picked a peck of pickled peppers! Now you fan me a while!"

"Young man, take your hand off my daughter's knee."
"Excuse me, sir. I was just about to say what a swell joint you have here."

Should a man call his country home "lumbago," if it has a creek in the back?

Whether young or otherwise all women are very conscious of their own good points and cleverly emphasize them. The women with symmetrical limbs are enthusiastic about short skirts, tennis shorts, one piece bathing suits. And they never wear slacks. If a woman has good shoulders and neck you can be certain she will go for strapless evening gowns. If she has a beautiful back, the gown will be cut low in the back. And then there are girls who wear sweaters.

DIDN'T WORK

"I'm sorry, I haven't a dime," said the woman as she handed the conductor a ten dollar bill.

"Don't worry, madam," he replied politely. "You're going to have 99 of them in a couple of minutes."

LEFT HER MARK

Doctor: "Why do you have FT80673 tattooed on your back?"

Patient: "That's not tattooed, doctor. That is where my wife ran into me with the car when I was opening the garage doors."

An excited female voice came over the phone: "Two boys are trying to break into my room through the window."

"Listen, lady, you've got the wrong number," answered the man on duty. "This isn't police headquarters, this is the fire department."

"I know," was the reply, "but my room is on the second floor and they need a ladder."

All of which reminds us, before we go, to ask what did the calf say to the cow?
"Shoot the udder to me, mudder."
And a little later he mumbled, "And de udder udder to me brudder."

OH MIN!

The Greeks Had A Word For It

GODS

Robert J. Creagan

It is a pleasure to announce that fraternity pledging reached a new high this fall with the advent of a record freshman class. In order to include every pledges name, it is necessary to exclude any information about the various activities of the individual houses. In the future, however, all events pertaining to the fraternities will be heralded through this column.

The Interfraternity council will meet at Phi Kappa Sigma, 3236 S. Michigan Wednesday, October 1, at 6 p.m. sharp. All the members of the council are invited, plus representatives from all fraternities and sororities at Armour and Lewis. Non-members of the council should write to the Phi Kaps and say that they are coming.

Delta Tau Delta is pleased to announce the pledging of the following men: Frank Bagamery, Terry Beale, John Bourke, Howard Dahl, Norman Dasenbrook, James Decker, George Erkert, Charles Fitzsimons, Edward Gustav, Donald Knaak, Richard Michalek, James Neighbor, Richard Prendergast, Donald Rhodes, Roger Sellstrom, Dean Skall.

Phi Kappa Sigma fraternity has chosen twelve young men of the freshman class of '45 for the "model" pledge class. The pledge class consists of Don Hansen, Bob Bartlett, John Bredesen, Jack Brownson, Ronald Marx, Jim Mc Nerney, Dick Mies, Bill Ponton, Bob Vieweg, Walt Robertson, Dick Pronger and George Sayer.

To commence the social activities of the year the Phi Kaps held a cabaret dance last Saturday night at the chapter house. This affair was greatly enjoyed by members of the fraternity and especially by the new men of the house.

Alpha Sigma Phi fraternity announces the pledging of the following men: Robert Adams, Ralph Arboe, John Bell, Robert Christiansen, Robert Derra, Allen Glennon, William Greene, Jack Groshans, Charles Leary, Ronald Lind, Richard Meagher, Robert Lyden, Robert Oldenburg, Nels Pedersen, J. Elmer Schott, Harold Skinner, Norman Swanson, John Thomas, Richard Wasley, Joseph Heckman, John DeCook.

Pi Kappa Phi pledges: Harry M. Anderson, Paul Dalenberg, Henry A. Dirksen, Mario Andrew Fraccaro, Wolfram G. Futterer, Albert Glassgen, W. Leonard Gregory Jr., Robert Hayes, John P. Hill, Richard Huber, Len Klarich, Walter J. Koelle, Berton F. Legg, J. Karl Norris, John Roach, Douglas Gerald Snyder, Ray E. Tubergen, Jay Zoern.

Uncle Sam seems to have taken a liking to the Gamma Rho's. Joe Novak is serving his country 'way down south in Corpus Christi, Texas... He's in the Navy!... Dick Barnes is an Army man, now... Jack Perkins hasn't returned to school this semester... he seems to be in great "contact" with the Air. Good luck to you, boys!

GODDESSES

Helen F. Marzullo

... and so here we are—back in school again! It's a wonderful feeling... especially for those sorority sisters and fraternity brothers.

The sororities have started the rushing season with a "flash" and a "click"! The annual Pan-Hellenic council tea was held last Wednesday afternoon, in the 6th floor art room. New freshmen coeds were entertained by the girls of each sorority. Pictures for publicity were taken... and they were certainly a great cause for an afternoon of excitement and enjoyment! Now that everyone is well acquainted—we all shout a hearty WELCOME to our new friends!

Now for some inside "stuff"...

Well, the Caldwell twins, Jackie and Louise, have returned from Mexico, to complete the Kappa Phi Delta family. They have been "south of the border" for the past seven months, studying at the University of Mexico. Welcome, señoritas! Mickey Walker is now teaching English, in a high school "somewhere in Montana."

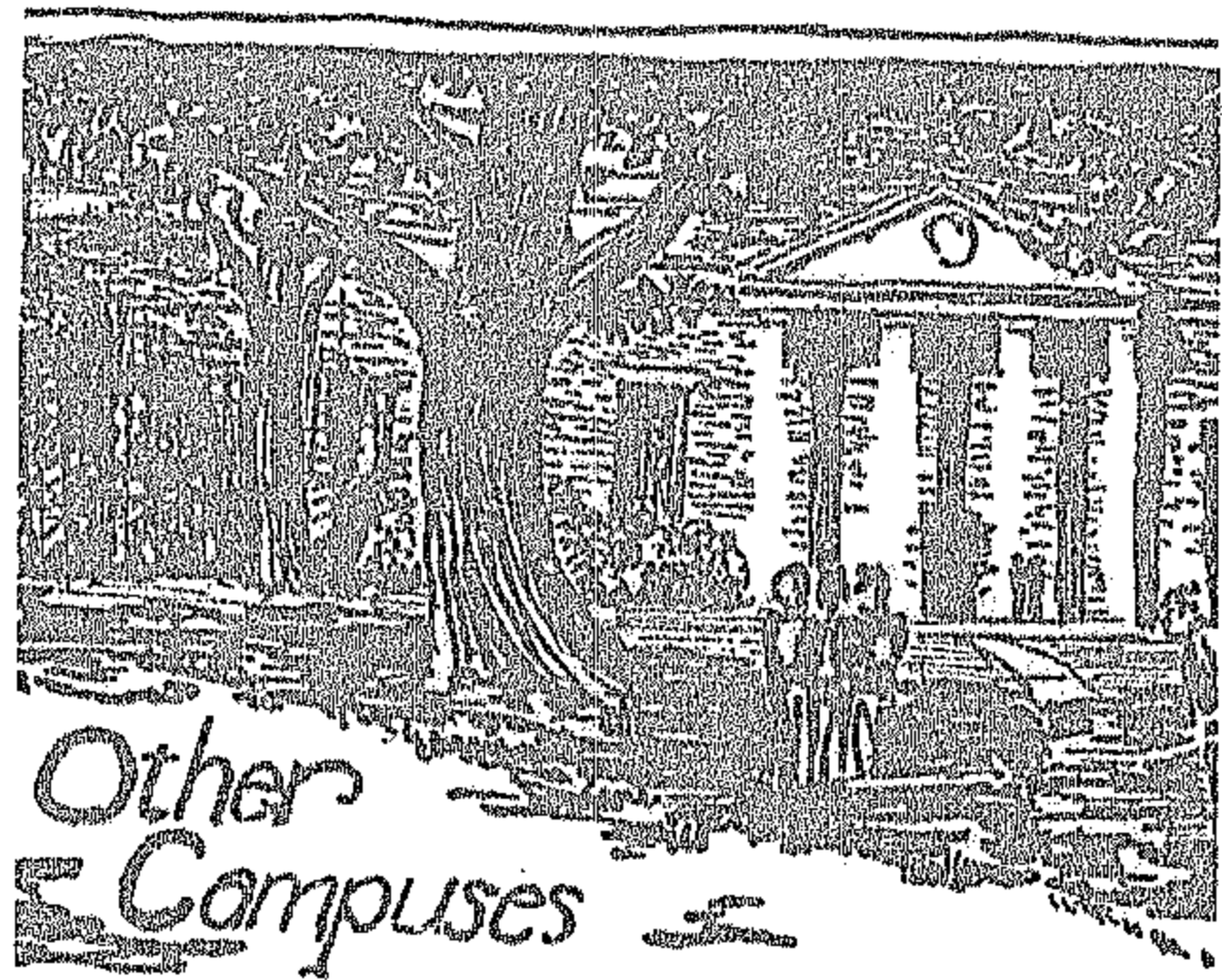
Misses Pat, Florence, and Blanche had a grand time, rooming together all summer.

The Lambdas were somewhat separated this summer. Lorraine Surdyk, Sylvia Weislo, Helen Marzullo, and Mary Ann Knirsch spent part of their summer in summer school, while Doris Tully enjoyed a summer school session at the University of Colorado. She is now studying at the University of Illinois. Elsie Rysden, one of the three Co-ops, is now training, at the Presbyterian hospital... Joanna Alenkamp and Lorraine Anderson will begin school in the latter part of October... Alda Kairis a Lambda alumna is now employed at the Zinser Personnel offices... Jane Goelet is secretary to Sonny Weissman at the Armour campus and Lillian Snodgrass is employed at American Forge division in the priority department.

Lorraine Pindras, Violet Tuckish, Olga Marcoff, Eleanor Wick, and Betty Kennedy were also on the working list. Mercedes Brown vacationed in Mexico... Lorraine Kaskia in Tennessee... and Grace Taglieri spent the summer at Round Lake, Illinois. The girls have made plans for the opening dance of the year to be held on October 24, at the Lake Shore athletic club. It will be a semi-formal affair, and the cost of the bids will be \$1.25. Hope you'll be there!

Well, Dan Cupid has added "Mrs." to Adele Mazer's name. Adele is an alumna member of the Phi Beta Pi sorority. She was married on September 14 and a reception was held at the Somerset hotel. Congratulations, Adele!

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



by Charles I. Ball

A University of Wisconsin student living in Southern Wisconsin daily commutes to his classes in Madison by piloting his own airplane and using a pasture for landing field.

New York's swanky Ritz-Carlton hotel is now completely owned by Harvard university. This famous hotel was bequeathed to the school by Robert W. Goelet, '02, who died last May. The assets of the hotel will be added to Harvard's present endowment of \$144,830,591.76 (sic.)

Oscar the Pooch is a curbstome setter which was rescued from an automobile accident by a Louisiana State university coed. After a successful recuperation the students liked him so much that they set up a trust fund which is enabling Oscar to live in luxury.

Last June Antioch college of Yellow Springs, Ohio, famed for its first president, Horace Mann, instituted a new type of commencement. Instead of the usual oratory and laudation, the seniors informally received their diplomas one afternoon during a three-day conference on pertinent world problems.

An audit of the University of Vermont's expenditures from 1927 to 1940 reveal the unusual expense of \$86,435 for the services of private detectives—presumably to trace missing students or investigate those in trouble.

Frosh at Lawrence Tech of Highland Park, Michigan, are subjected to various forms of humiliation including forced proposals to the beautiful Sears, Roebuck & Company girls across the street while attempting to hold up beltless pants.

Last year Central YMCA college of Chicago had a class for the dissemination of information important to all the engaged girl students. A course teaching "What Every Young Bride-Elect Should Know" is new to us.

Watch for CIB survey reports!

When the dean of women at Michigan State college suggested that coeds dress in patriotic red, white, and blue cotton stockings since silk is scarce, the coeds didn't relish the idea. One indignant soph stated, "Oh, my God! I wouldn't be found dead in them."

Not so long ago a Harvard freshman, Leon A. Danco, submitted a 2,000 word English theme on a home-made phonograph record. His prof accepted the theme but forbade repetition — undoubtedly because such a composition would have no punctuation or spelling to correct.

The word DELTA is used most in Greek letter sororities. PHI is used most frequently in fraternities. Delta means in low places and Phi means mud-formed.

ARX NEWS

Greeting, reader! Or maybe even readers. ... Back again after a strenuous vacation (spent cooking over a red hot blonde while all you guys unaxed in your nice cool sewers) and off to a feeble start. And whom should we meet but Michaelen! Yes-sir, Mike's the blushing owner of a 1A draft classification, mind you, and where did we meet him? On the front porch of the Art Institute, with two (2) wenches. Mike needs deferment, so we assume that Lindgren was there merely to hold Mike's hat. ... But Wechrl has a smoother technique. The Hillsdale hot-shot golfed his way to a 2A classification with his local board—a summer well squandered.

Honey Chile spent her vacation teaching puppetry in a girls' camp—keeping in form for essential string-pulling this fall.

Pearson has supplied the juniors with guffaws by his purge of insect life. Hardly a fly left for the ointment these days. Says Elmer: "First ya catch 'em in yer hand—bang 'em on yer board—drop 'em on da floor—n' step on 'is head."

Overheard O'Kelly rendering trees and

classifying as he goes: "It can't be a Christmas tree—no ornaments on it."

Christensen's drawing board crate is worth a scallion in anybody's column. It must be seen to be believed; line forms to the right, incidentally, Chris now weighs 230 pounds, 10 of which is not sloppy fat.

Attention Juniors! Burleigh's middle name is "Rathburn." Sherlock's is "Rannister." Randall's is "Deacon." (Editor's note: Deacon, hey? There's more than one way of putting up a good front.)

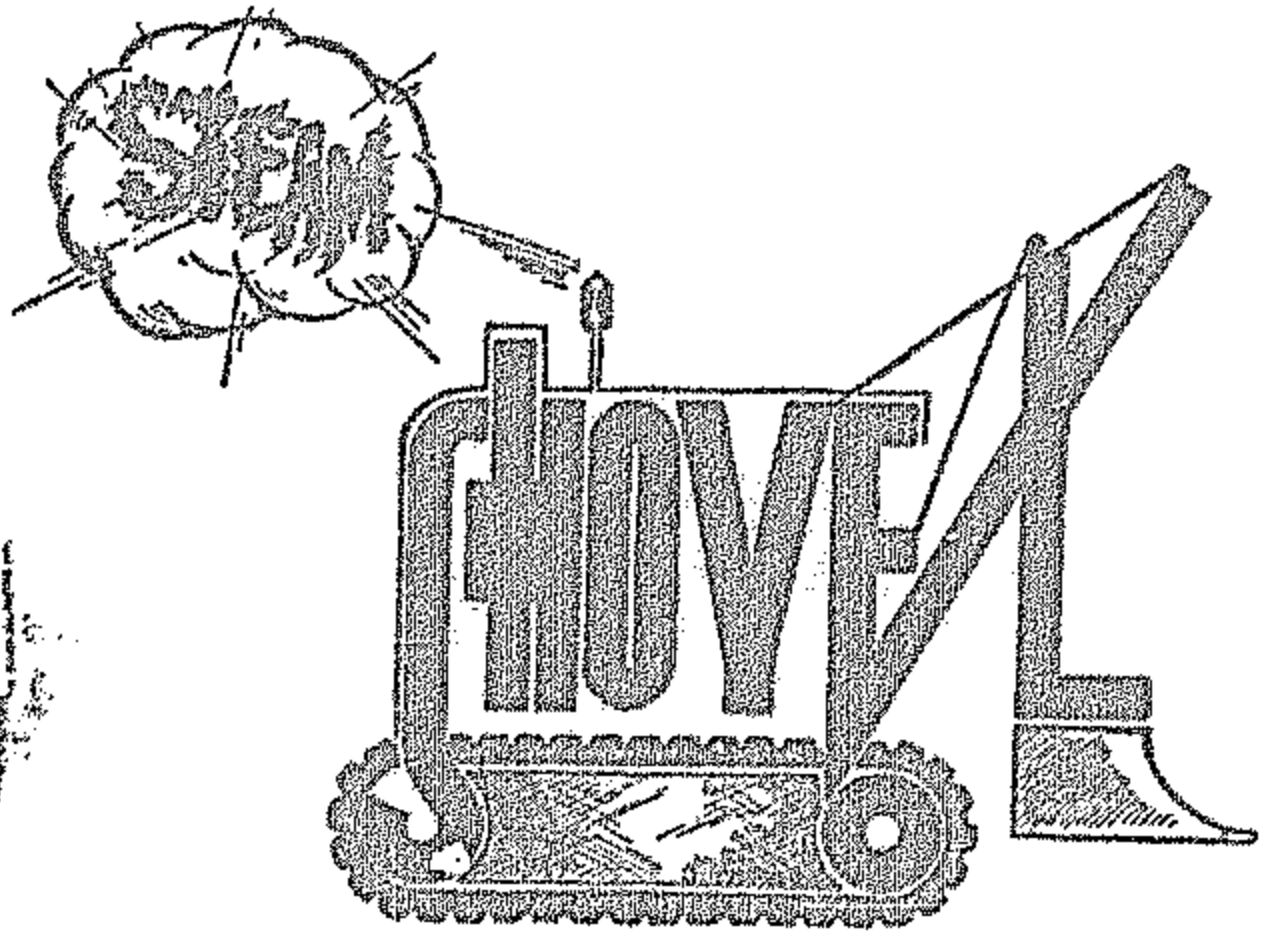
Rumor has it that Dunlap is color-blind, and rumor is right to judge from the clothes he's been in lately. Daly hasn't been around school enough to get scandal on, which is scandal enough. And Olencki — but let's skip that; it's a tall story.

The freshmen have been tame to date, but display potentialities. They include several pool sharks, a trombone tooter, 15 guys worried about passing economics, and a bird named Jaque.

And have you heard what the T-square said to the triangle? No? Thought so... ANN IBRIATED.

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Blitzkrieg!

Blitzkrieg swings into action again, on this the Western front, and all is definitely not quiet—what with these new blonde-shells descending upon our institution. Felling the lads one by one, are newcomers Helen Gordon, Maxine Smith, Norma Cooper, and Mary Links. Does Modern Design make the big difference?

If the early bird gets the worm, we've got a whole passel of the little fellows with this 8:10 reveille ringing out through the corridors every A.M. Despite this veritable Sunrise Serenade, it does seem pretty doggone nice to be back with our book-totin' boys and girls, and learned profs . . . both old and new.

MISSING PERSONS BUREAU

Conspicuous by their absence are "Ace" Perkins, "Red" Cary, Bob Weiss, "Sigh" Fralick, and those sheepskin snatchers who are out catchin' careers for themselves. And speaking of sheep-skin snatchers, our pig-skin catching classmate Alf Bauman is doing all right for himself at Northwestern and in the Saturday Evening Post, too. Alda and Dick, however, snag top honors for the first sentimental Hallowed Halls Haunters.

But it's back to work for you kids! And speaking of working wimmen, ask Dot Giambelluca how the Men in White situation was. Seems that with a mere twist of a test tube as lab technician this summer, Dottie did right well! . . . As also did Isabel Wishegrad at the University of Wisconsin with the man behind the book behind the desk up in front of the class. Education is a wonderful thing!

Saw the twins Jackie and Louise all Spic N' Spanish after a sojourn in Mexico, looking the place over . . . with George Drevikovsky and Jack Chakolan looking all over for the twins!

IIT Improvements

Have you seen that rubber apron Romeo, Prof. Whitehill of the biology department? . . . And Flossie Moss sitting in her little highchair collecting the sheekles we shell out in exchange for a few vitamins and calories? On Tuesday's shift we saw Annie Anderson taking over. We hear tell Sonny has acquired some new office equipment which includes mainly and above all a new style of swingopatin' sweet-singing secretary . . . namely and to wit, our own Janie Goelet! Take a letter!

John is sure hitting a new high in that elevator of his, with that snappy uniform. Look for the big red letters on the back!!

It would also seem that Stevenson is really here to stay! Hi Steve, you old store room stickler!

Sa-a-a-y now,—didn't I see Marty Gordon poking his handsome head around the corner??? Call for Miss Brown!

Poor Gamma Rho row, With Unca' Sam and "God Bless America" gaining front and center, Bob Meyer, Frank Oddi, Steve Mondak, Art Petterino, and Jack Halloran are the sole remaining brothers to blow the dust off the empty lockers and act as stand in for those missing links.

The chem department really believes in carrying a good thing all the way. When requested to retreat to the north end of the building, they spent the day on Chicago's north side; or is that carrying a good thing too far??

Here's a bit of horsing around that's one for the book(ies). Prof. Norm Kharasch pops up with a veritable Pegasus on wheels . . . all of his own. There are rumors to the effect that Eileen Robinson is all signed up as jockey for this Man 'O' War. See you at Hawthorne, Eileen! Also, why is Eileen so column shy this year?

Bud Carlson and Dave Kester bolstering up Mary Flasher's courage in Zoology, 'cause the tender-hearted soul can't bear to cut up little animals. Aw, cut it out!!

Bucky Walter and Joe Minga acting like Indians again setting up light housekeeping in the cigar store. Ugh!!

Our Pat is out giving those Powers a run for their money these days. For further details, just ask Pat about those romantic poses with Prof. Atom Smasher. In technicolor, too!!

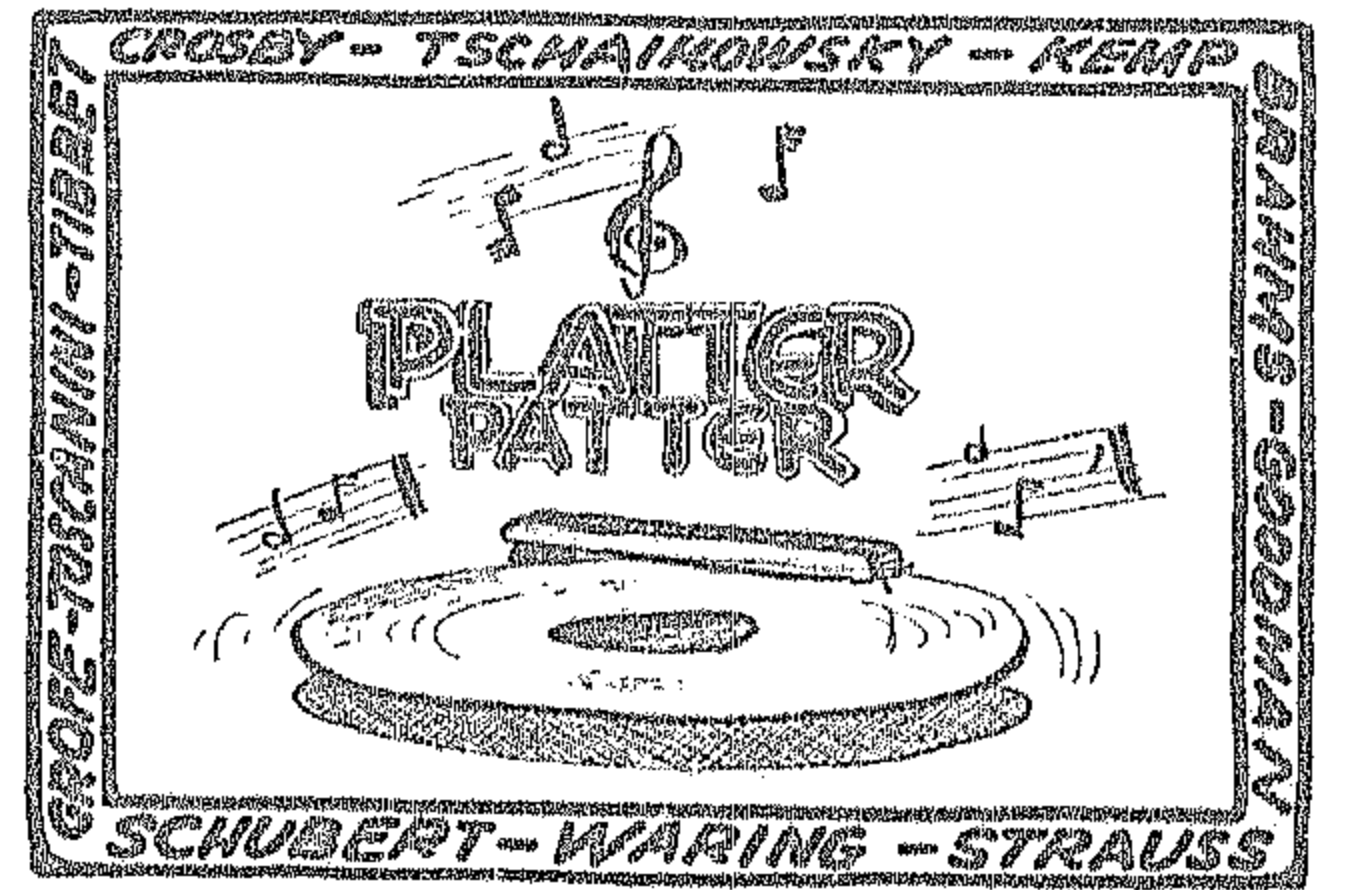
Sonny Weissman's still carrying on the good work of the Elite Efficient Escort Service, with a little cooperative competition from Mr. Schreiber . . . or did you of the south campus note the two fair coeds in the faculty room last Wednesday??

So long, Rosemary! It's been swell knowing you during your regime in the Co-op office. We'll skip the good luck angle 'cause these fightin' Irish just can't lose.

Well, like it says in the song, "It All Comes Back to Me Now" . . . this business of dirt digging, pen pushing, and dance dilemmas—but we love it! And while in the dance depart., keep your eye on the 24th of October. The Sigmas are the first group to give out with an inaugural get-together for the year '41-'42.

'Til next week,

THE SIXTH COLUMNIST.



by Ted van Golder

Victor presents as the masterpiece of the month the Red Seal Album (M801-DM801), a recording of Beethoven's Concerto No. 3, in C Minor (p. 37) with the Rochester Philharmonic orchestra, Jose Iturbi conducting from the piano. Also a recording of Bach's Fantasia in C Minor done by Jose Iturbi as a piano solo. Senior Iturbi brings out in the concerto all that could be desired in expressing one of the most popular and famous of Beethoven's works. He not only plays the solo part but conducts the orchestra as well, following a tradition which might have been observed by Beethoven himself.

For the lovers of literature Cornelia Otis Skinner has recorded an "Anthology of English Lyric Verse" on Victor Album M810. Verses, poems, and sonnets by Shakespeare, Milton, Shelley, Keats, Browning, Byron and many others are to be found on the 3 twelve inch records in this album. Miss Skinner gives these gems of literature full and eloquent meaning.

Turning to popular records we found "Green Eyes" discied by Art Jarrott, directing the late Hal Kemp's orchestra, a top seller for Victor (27501). Art continues Kemp's style in using triple-tongued trumpets, muted clarinets, and slurred saxes. Those super Smoothies assist Art Jarrott on the vocal and do a smooth job. Opposite is "All Alone and Lonely" sung by Babs Stuart, Lovely of the Smoothies. This is a sweet ballad which cannot fail to please . . . Eddy Duchin waxes "Time Was" (Columbia 36221), vocal honors by the Choresta. The "Magic Fingers" play a super sparkling piano and the Choresta do a fine vocal. Discmate is "Starlight, Starbright" sung by Tony Leonard. Duchin ripples over the eighty-eight in a manner styled to make this platter please all . . . Columbia gives out with some semi-classical boogie-woogie with "In the Hall of the Mountain King" from Edward Grieg's Peer Gynt suite. Will Bradley records this (Col. 36286) with Ray McKinley pounding the skins all the way. Plattermate is "From the Land of the Sky Blue Water." This pair will keep the joint jumpin'.

T. (for Tommy) Dorsey waxes "You and I" (Victor 27532) with Frank Sinatra on the sing fare. This is a bit of sweet swing in the typical Sentimental Gentleman manner. Reverse side carries "Free for All" with Frank Sinatra and the Pied Pipers doing the vocal. This is another patriotic song done in a stirring style. Dorsey will score heavily with this platter.

Technology Vocabulary

By Herman Tachau

With the advent of hundreds of neophytes into our midsts the upperclassmen have taken heart and are ready, willing and able to aid any of the forlorn tenderfeet. In order to show their good intentions they have offered a little vocabulary of words. No doubt many of these words are new to the freshmen and therefore this is a timely subject

SLIPSTICK—a device used principally to draw straight lines and the name of the joke column. Also, sometimes used to multiply and divide.

GREEN CAP—a small head adornment which one wears with or without pants as the sophomores deem necessary.

MATH—Something that shouldn't happen to a dog.

VALENTINE—A short, brief note from the dean advising one to step on the gas or forever be on the outside looking in.

ECON—the Jerry Lester way of saying economics.

JUICERS—Those unhappy fools who fool around with juice, an intangible substance flowing through electric wires.

JARK—A bad name, but nobody knows what it really means.

DIVIDERS—An instrument often used to prick your neighbor into the more sensitive parts of his body, sometimes comparing distances on drawings.

BRIEF CASES — containers to weight down the left arm, or the right arm, containing handbooks and other invaluable scriptures.

PROF—A person who tries to teach a subject and should never be addressed with any title lower than "Dr."

QUIZ—A periodical incident (or is it accident?) designed to torture a student's mind by asking only those asinine questions we don't know.

OUCHBALL — A printer's error from a back issue, generally known as touchball.

CHEM. LAB.—Where the professor raises a stink without getting angry.

THERMO—The study of hot and cold, as interpreted by the quiz kids.

4-H—has nothing to do with night-life, but refers to a drawing pencil.

COUPLE—a physical status which has a moment, caused by forces.

HEAVY PROGRAM—When you go to school sixty hours a week and reserve your homework for the weekends.

SPIEL—in German it means play, but when applied to professors it refers to a speech.

LECTURE—The professor's noble efforts to put his pupils to sleep.

RESEARCH—Nobody can understand it except he who does it.

SLUG—A practical engineering unit as used in mechanics.

PROCTOR—The stooge who goes around during exams to see that you don't chew your pencil.

EXAM—The disaster which culminates a semester.

STEAM SHOVEL—An institution of fifth columnists who have been assigned to dig up "dirt."

STEAM SHOVEL

(continued from column one)

Flash: Miss Nichin is no longer with us, having given up scholastics for football! She is now secretary to Elmer Layden, pro football czar! How about a ticket to the next Bear's game, Helen old girl?

Seems like everything's going up nowadays. Last summer the figure was 14 out of 25 while this summer it mounted to the incredible 26 out of 33. You still wondering what we're talking about? It concerns the dearly beloved Dr. Krathwohl's Flunk Rate in analytical geometry. AMEN.

You, too, can set up light housekeeping. The only requirement is an engineering degree. Charlie McAleer, Fred DeMoney, Wally Molda, and Roy Jacobsen—all graduated last year and live together in a cute little bungalow up in Appleton, Wisconsin, working for Kimberly-Clark Paper company. They have a swing in the back yard and 3 automobiles. What a life! Hot ziggity!

And so with the following wise words we'll say saloon until next week! It's better to have loved and been caught at it than never to have loved at all.

SOOPER SNOOPERS!

Life was wonderful—get up, go to work, take it easy all day—come home, and then do whatever you darn well please. What a life! Yes sir, a Utopia to outshine all Utopias. But just about the time a guy started to settle down to this beautiful existence a horrible cloud loomed overhead, an ominously dark cloud which seemed to be chuck full of gory looking integral signs, change of enthalpy equations, ghastly chemical reactions, endless fire insurance tables, complicated stress diagrams, and last but not least, splattered thoroughly with the countenances of all the 'troublesome' profs, (those that insist that homework be in on time or not at all). This black blotch awoke me from my glorious dream and changed me from a free, happy, contended, happy-go-lucky individual to just another galley slave. Gad, what a horrible year to look forward to! You too? Me too.

How they spent their summer: Ralph Rose had a swell time trying to see how many trains he could derail as a switcher in the railroad yards—Wally Gow put his time to excellent use by trotting out to New York (under the pretense of going to work) and getting himself engaged! Nice work if you can get it. Rog Mueller spent the 16 weeks acquiring himself a gorgeous henna mustache. Bet it'll take the boys a lot less time to remove it! We understand that Bill Watson was employed at River-view park and that it was his duty to take the rides with any unescorted females that desired this extra service. It seems that Bill's aid was mainly desired by old maids, etc., out for a fling! Roman Mankus spent his days conducting a survey—a leg survey on one of our Chicago beaches. The Illinois Central employed Bob Mahassek as a night clerk but Bob did a lot more night work than that. Brother Weissman—I beg your pardon, its Dean Weissman now—landed himself one of last year's Lewis grads, Jane Goelet, as his own, very own, private secretary. Looks like Sonny is rapidly crashing the ranks of the aristocrats. Ludwig Meinhold, who was to have returned as a jr. juicer, has been granted a lengthy vacation from the hard undergraduate grind by his selective service board. Not to be outdone, Carl Pederson, would be sr. mech, went out and got himself a life sentence in the form of a classy looking doll. Bob Sundstrom had one heckuva time smearing green paint all over Camp Armour and Vilas county, Wis. in general. Benny Freund decided this summer that he better improve the army discipline so he's left our family circle and is now involved in activities with the chemical warfare division. P.S. We pity the enemy! Emil Galandak devoted his summer to one job—seeing his Martha each and every night—and he did pretty well from all indications. It seems that Milt Pieva became intensely interested in agriculture this summer, and made a few trips out to Wisconsin to get a first hand picture from a certain Bernice. Frank Jencius, Gunther Griebel, and Bob Sullivan had a fine time making it tough for the E.D.T. boys taking bust lab. Midge Goluska took a course in bar tending and got his master's degree with the greatest of ease. And before we get into this thing too deep and have to tell about the boys that worked as bookies, etc., we're gonna call it quits and leave the rest up to your imaginations!

PREDICTION: The senior class hardball team looks like a cinch to cop! Here we go, starting off the semester by sticking our necks out again!

This boy Ray Leibrandt really has the right spirit! He doesn't find time to stick around school too much since he's got some property to look after out in Michigan and it seems to require regular week-end attention. We wonder what kind of shape this real estate has—er, I mean what kind of shape it's in!!

(continued in column four)

TIME OUT



By Warren Spitz

It has been a busy summer and this will be a busy school year, but this typewriter is never too over-worked to take **Time Out** to survey the sporting scene at Illinois Tech. We are jumping the gun but we predict that the tallycard in June of 1942 will show the finest athletic record in the history of one year's sport activity at IIT.

Read the stories in this issue! Note especially that they tell of an unusually large number of returning lettermen in all sports. Look at the freshman class! Star athletes from high-schools near and far are entering Tech this fall.

But, best of all, listen and awaken to the student spirit which prevails on campus. Coaches have remarked that never before have they been accosted with such great enthusiasm for their respective sports. We've been in school one week and already every team has begun its organization.

We of **Technology News** are also well-organized to bring you the best in sports reporting. We ask your help and co-operation in our campaign to make Illinois Institute of Technology as "big" as its name implies.

A number of changes which we shall point out from time to time, must be made in Tech's athletic set-up. We need much more and better playing space, yes, even while we wait, we must have room to stretch our legs. Touchball and baseball, of the superbly supported intramural variety, demand more fields. If we are clearing up the land about the campus, let's clear it for activity and spend a few pennies for the student's recreation areas.

Recently we were confronted with a request on our views on the Tech football situation, especially after John Schommer's address at the frosh orientation assembly. We endorse John's denunciation of poorly-organized, ill-equipped football elevens. Illinois Tech wants football and it should have it, but—

Last year rumors were prevalent about the formation of an inter-Chicago football league, which would sponsor six-man football amongst the universities and colleges. We have already contacted luminaries of several Chicago schools and endorsement is enthusiastic.

We believe that six-man football is the solution. Have you ever watched or played it? It's the best that football can offer. Blocking, clean tackling, speed, passes, deception, yes, everything.

Let's hear your ideas on the topic. More again next week.



Grant Stenger, Illinois Tech's leader in charge of west campus sports urges all Lewis men to participate in Lewis intramurals and if especially talented try out for a varsity team.

"Uncle John" Schommer, Beloved By Students, Is Man Of Legends

Director of the athletic department is John J. Schommer. Trustee, director of placement, and professor of industrial chemistry are also included in his titles at I.I.T. Recently Mr. Schommer



John Joseph Schommer

turned from umpiring college football games into the professional ranks. Already he has "umped" the All Star game. Not

Uncle John's Schedule

Sept. 4	Detroit vs. Green Bay
Sept. 20	Detroit vs. Green Bay
Sept. 27	Detroit vs. Cardinals
Oct. 5	Green Bay vs. Cardinals
Oct. 12	Cardinals vs. Bears

being satisfied with these jobs, he has been working with the Chicago draft board. It has been due largely to him that engineering students have been deferred from serving their country as soldiers to perform their duty as technicians.

But, if you ever want to meet "Uncle John" on his own ground just start talking about fishing or hunting. He is one of the best fishermen in the mid-west as the

GIRLS' ATHLETICS IN CAPABLE HANDS

Of prime importance to the women's sports is Mrs. Olive Pierce Hazel, who as in the past 21 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 the students at the west side campus. She has studied types of dance, that would apply to her work at Lewis, from such people as Harold Kreutzberg, and Isadora Duncan.

Mrs. Hazel was the director and organizer of the Columbia School of Physical Education from 1912-1921, prior to this she was in charge of recreational work at the Kansas City YWCA. At the present time she is quite active on the Board of Camping Division of Council of Social Agencies of Chicago.

ATTENTION

All Illinois Tech lads or lassies desiring to write for our sports department please leave a program card c/o sports editor in **Technology News** boxes at either campus. Interviews will be granted Friday night in the Tech News office.

pictures and specimens on his office wall will testify.

Illinois Tech has one of the best, if not the best placement department in the United States. No small part of it's success is due to John Schommer and his 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 which he threatens to write is on the etiquette of finding a job.

He is a big man with a big heart who always has his door open to see anyone.

Sonny Weissman Has High Hopes Of Winning Conference Honors

Going into his fourteenth year here at the Institute, and his second as baseball coach, Sonny Weissman is looking forward to a very successful year—a year full of victories for the various Tech-awk teams. In his first year, Sonny compiled an enviable record as he rebuilt a broken down baseball team into a smoothly coordinated machine which, despite a slow start, managed to end the season with a rush of sensational victories and become co-champions of the Northern Illinois Col-

lege conference.

Sonny is looking forward to a swell season in which he expects the Tech nine to better its 1941 record by winning the conference title undisputed. Al Yursis, Illinois ace hurler for three years; Bill Bauch, catcher and co-captain; Bill Grosse, third baseman; Bill Krause, centerfielder and co-captain; Frank Pfeffer, short-stop; and last but not least utility man Mike Carriar were all lost through graduation. However, Coach Weissman is well prepared for this blow as he has ample reserves to plug up the gaps.

Lend me
a Minute
and I'll give you back 15 seconds

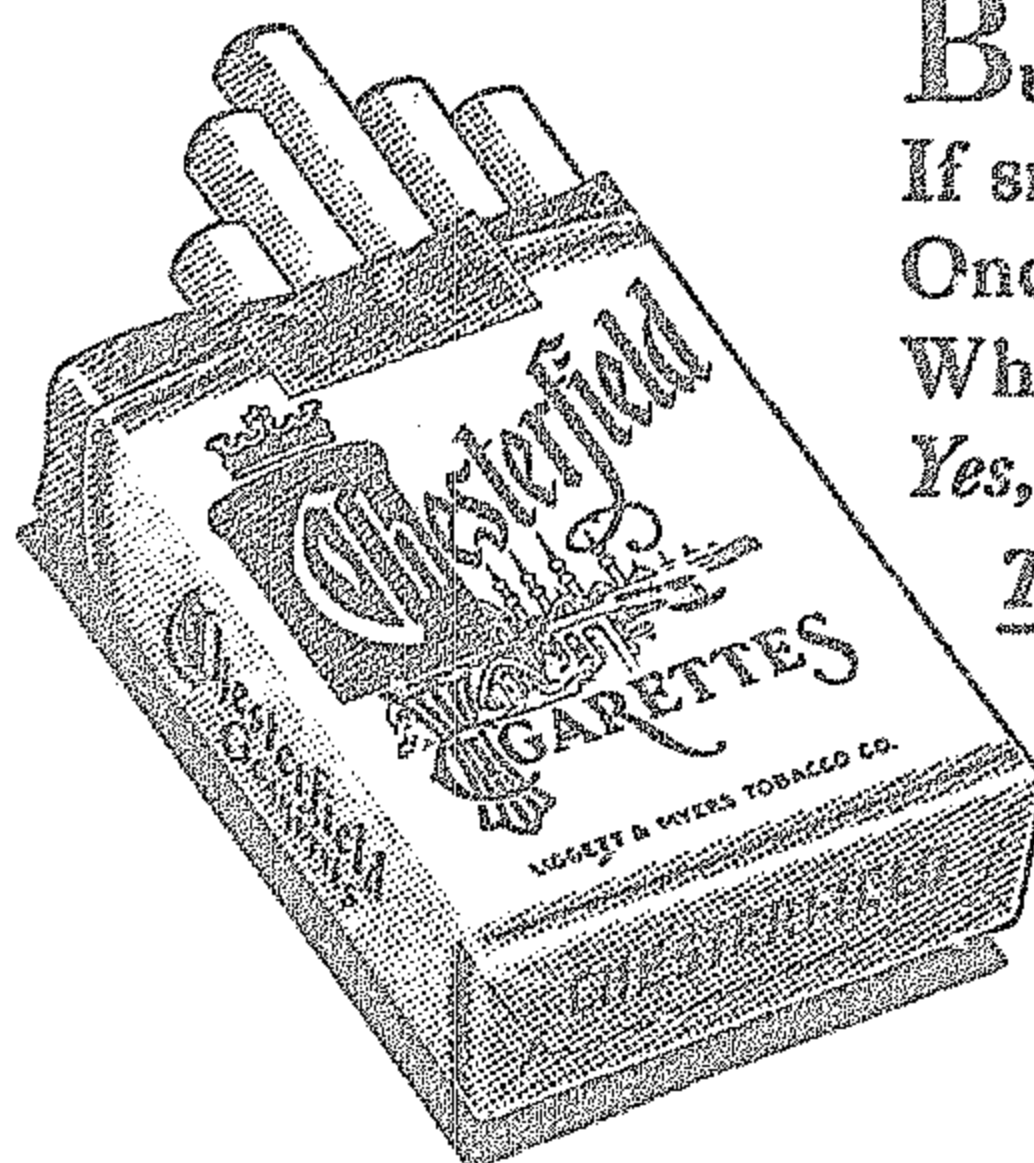
Says PAUL DOUGLAS,
well-known radio announcer,

Somebody whistles a few bars of a catchy tune.
Others pick it up.
Soon the whole country's whistling it.
It's a hit.

Somebody lights up a cigarette.
Likes it. Passes the word along.
Soon the whole country's smoking it.
It's a hit. IT'S CHESTERFIELD.

The big thing that's pushing Chesterfield ahead
Is the approval of smokers like yourself.
*Chesterfields are definitely Milder,
Cooler-Smoking and Better-Tasting.
They're made of the world's best
cigarette tobaccos
Blended just right to give you more smoking pleasure.*

But even these facts wouldn't count
If smokers didn't just naturally like them.
Once a smoker finds out from Chesterfield
What real smoking pleasure is, nothing else will do.
Yes, fellow smokers, *IT'S YOUR APPROVAL*
THAT'S PUSHING CHESTERFIELD AHEAD.



Everywhere you go

They Satisfy