

TECHNOLOGY NEWS

"World's Greatest College Newspaper"

VOL. 26—No. 2

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS, OCTOBER 8, 1940

Z-143

ACSA Sponsors Informal Dance For Two Schools

By Chester Swan

Two great institutions have combined their educational and financial assets; it now but remains to unite their student bodies into "one fraternal family."

To the culmination of this end, the Armour College Student Association is sponsoring an informal "get-together" on Saturday evening, October 19, from 8:30 to 12 o'clock, in the Student Union. Dancing will be held in the Auditorium, and both the Lounge and Lunchroom will be open for that "pause for rest and refreshment." Music for the occasion will be provided by the "Knights of Armour," a talented student orchestra, which has received loud acclaim on its previous appearances.

This dance is unique, in that it is much more an "open-house" than a bona-fide dance. The admission for this gala affair (mark these words) is only twenty-five cents for the gentlemen and nothing (free entrance) for the ladies.

Beautiful music — harmonious surroundings, pretty girls—the atmosphere of fraternal kinship; all will aid in marking this as the first important step in Armour-Lewis social relationships. Armour and Lewis men should regard the occasion as an opportunity to display their "co-operativeness" and their ability (which is no mean one) to "trip the light fantastic" with some of our co-eds.

'Magnitude of Million' Shown at Rosenwald

by Herman Tachau

"How much is a Million" was the topic of an exhibition offered to the public by the Department of Mathematics at the last "Open House." This exhibit is composed of posters describing and illustrating in various ways the magnitude of one million.

Exhibit to Rosenwald

On June 21 Dr. Ford took his Ford and drove the "Millions" to Rosenwald Museum of Science and Industry, where they have been displayed to the general public. The big board covered with one million dots was left behind because it took up too much room. The cozy bathroom scene illustrating one million cubic inches and one million gallons of water aroused some argument. Inasmuch as it was "too immoral," and since "the public are awfully funny people," it was finally decided to discard this beautiful poster. On the other hand, it seemed safe to put the gold cube, valued at \$1,000,000 into the display window. The reason for trusting people not to remove this huge sum of money is that it would be too heavy to carry away.

Still on Display

The posters comprising this display were prepared by the students of Dr. Ford's special calculus section (Math 209), and therefore they reflect the genial brainstorms of these super-mathematicians. They are still on display and can be found on the main floor near the main entrance of the west wing of the Rosenwald Museum which is located near the Outer Drive at 55th street in Chicago.

TERMITES?



Photo by Staff Photographer Ed Center

Be not dismayed—this is not a part of the Illinois Institute defense preparations! The above dent in the earth around which Armour students have been detouring for the last few days is a new steam line being laid between the Physics Building and the Main Building.

Mr. Koster, superintendent of buildings at Armour College estimates that the work will be completed in about one week. Besides an eight inch pipe line for the heating system, a four inch return line, a one inch vacuum line, a six inch conduit to contain electrical cables, and a high pressure line are also being placed in the same excavations. The high pressure line will find use in the Research Foundation laboratories. Between the Main Building and Machinery Hall another steam line has already been completed.

Civil Pilots Delay Training To Oct. 14

by Matt Ciembronowicz

Failure to receive books for the primary ground school of the Civil Pilots' Training Program has resulted in plans to start Oct. 14, instead of earlier as originally intended. The classes will be held from 5 to 6 P.M., five days a week. Dr. Arthur H. Carpenter will teach both Meteorology and Air Navigation, each course taught for 24 hours. This makes a total of 48 class hours of ground school work to be taught at the Armour College of Engineering. In addition to the minimum of 40 hours and a maximum of 50 hours of flight training, the remaining 24 hours of the ground school work which will consist of, engines, flight theory, Parachutes, instruments and radio, will be taught by flight instructors at the airport.

Because of the change in the date of starting the ground school work, the time limit for receiving applications has been changed to Friday Oct. 11.

Begins Oct. 16th

In addition, Illinois Institute of Technology maintains high scholastic standards, it is urged that men intending to take the flight training make application at once so that there may be time for the necessary preliminary examination before classes start. The flight training begins Oct. 16. The name of the airport where flight training is to be had, is expected to be known in the very near future.

Applications are now being received for the C. A. A. advanced training. This course will include 126 class hours of ground school work for which some academic credit will be given. The advanced flight training will consist of forty to fifty hours of actual flying. News containing more detail pertaining to advanced course will appear in the next issue of the TECHNOLOGY NEWS.

Chapter two, on the subject of aviation in the History of the Illinois Institute of Technology was made this summer when 24 students successfully completed their flight training and ground school

(continued on page three)

Form Committee To Unite Armour Actors With Lewis

Stage fright!! Footlights!! On stage!! Such will be the familiar expressions to be heard for the next year. Plans concerning a grand year for the Armour College Players commenced last Friday, October 4. Under the direction of Edward Wierzbicki, president, business of the organization was discussed.

Among the important topics brought up was the consideration of combining or merging of this organization and a similar one at Lewis. A committee was formed to study and see what arrangements can be made to bring about unity between these two organizations. The committee consists of Rocco De Stefano, Al Sanwoskis, Art Minwegen, and Edward Weirzbicki.

Also mentioned was the possibility

(continued on page three)

Pres. Heald, John Schommer Address Athletic Assembly

By Ruth Sprague

Eager students awaited the words of the faculty from the western campus at the assembly-rally program last Tuesday in the Lewis auditorium. Our young, impressive President, Mr. Heald looked upon his newest flock and spoke in such a straight-forward manner that each and everyone felt the recent merger is developing a whole-hearted union. Perhaps his motto is "a bit of something good always leaves a taste for more."

"John" Is a Hit

Professor John Schommer took over Dean Clarke's duties as chairman after Vice-president Grinter gave us his welcome. Prof. Schommer (may we call him Uncle John too? It certainly fits him) introduced the athletic program for the coming year. He side-tracked by telling intimate tales of his participation in athletic activities when he attended the Lewis Academy. The girls enthusiastically concluded that Uncle John's manner and stature greatly resembles that of

Announce Completion of Ceramics Research Division

Eight Men Win F. P. E. Awards

by Julian Bowers

After four months of preliminary investigation and the grading of written examinations, \$9600 in scholarships to the Institute's Department of Fire Protection Engineering were awarded to eight men. Candidates for these scholarships were considered as early as April, 1940 by the scholarship committee. Requirements for the awards included a personal interview and competitive examination. By means of the personal interview, the scholarship committee rated the candidate's personality while his scholastic ability was determined by the written examination in mathematics, physics, chemistry, and English. At the same time, the general fitness of the candidate was taken into consideration through such things as his scholastic record in high school and the extent of his extra-curricular activities.

Unique Course

The Fire Protection Engineering scholarships are sponsored by the many stock fire insurance organizations of the United States and the awards are made by the Fire Protection Engineering committee with the Western Actuarial Bureau as representative. They provide both fees and tuition for this unique four-year course.

Those who received the \$1200 scholarships are: Julian M. Bowers, Jr., Danville; Jack W. Hoyt, Chicago; Eldred Koenig, Itasca; Laurus W. Magill, Topeka, Kansas; Kenneth C. Page, Chicago; Lawrence W. Rasmussen, Bloomington; Ray Turbergen, Elmhurst; and Bruce A. Worcester, Oak Park. Worcester is the third member of his family to attend Armour.

Prof's Join Research Foundation

By Ed Doran

With the merger of Armour Institute of Technology and Lewis Institute to form the Illinois Institute of Technology the research activities of both the two schools are now consolidated into an expanded research foundation known as the Armour Research Foundation. Heretofore at Lewis the important research work has been done in the line of ceramics. Now scientists of both schools cooperate in this important work.

Dr. Fisk Heads Staff

The consolidation of the ceramic department of Lewis with the ceramic and nonmetallic department at Armour has brought into being one of the most completely staffed and equipped research laboratories in the middle west for solving the widely varied problems of the ceramic and silicate industries. The staff of the coordinated ceramics and nonmetals division of the new Foundation is headed by Dr. H. G. Fisk, who, before coming to the Foundation had wide experience in the cement and refractories industries. Mr. B. S. Radcliffe of Lewis, is in charge of pottery and white ware developments. At present he is carrying on research work on two new types of porcelain. One is specially produced by new methods, the other is a porcelain of high chemical and thermal resistance which makes it adaptable to firing under a large variation in kiln schedules.

Petrographic and high temperature research, such as is being carried on at the Foundation by H. G. Fisk, has been particularly valuable in cement technology having led to a better understanding of the compounds existing in cements.

Equipment available in the new ceramic division includes a number of kilns and special furnaces. Ball and pebble mills, grinding, mixing and blending machines,

(continued on page seven)

THIS WEEK AT I.I.T.

Tuesday:

Sigma Omicron Lambda Rush Luncheon.

C.A.A., Lewis Campus, at 6:30 P.M. in Room 435.

Lewis Drama Club at 1:00 in the Auditorium.

Wednesday:

Glee Club, Lewis Campus, in the Auditorium.

Sigma Beta Theta Rush Luncheon.

Women's Recreation at 1:00 in the Gymnasium.

Thursday:

Lewis Drama Club at 1:00 in the Auditorium.

Friday:

Kappa Phi Delta Rush Luncheon.

Kappa Phi Delta Informal Rush at 3:00 P.M., Thatcher Woods.

Gamma Rho Smoker, 9:00 P.M. at 47 N. Lockwood.

Saturday:

Sigma Omicron Lambda Informal Rush at 8:00 P.M.

Monday, Oct. 14

Wranglers Meeting in east dining room at 7:30.

TECHNOLOGY NEWS

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Activities Present Problems--

Students this past week complained increasingly of the fog which now surrounds most extra-curricular activities on both campuses. Rumors are widespread and grow more virile hour by hour. In the rapidly changing flux which naturally follows such a move as the Lewis-Armour merger, many student organizations feel that they may lose their charters and authority at the drop of a hat—with little or no advance notice.

While we realize that some organizations such as publications, student government, drama and athletics will eventually be combined for mutual benefit of the student body as a whole, it is our strong belief that many student organizations are and will remain purely local in character if they are to continue to provide the right sort of facilities for their student members. Most of the clubs are of this character and we see no reason why the reputations for student amusement and recreation which they have attained at both Lewis and Armour should suddenly be deserted on the hint of a new arrangement.

It appears to us that the greatest problem at present is not so much one of administration as it is of influence. This problem of uniting two student bodies (one accustomed to a tradition of no compulsory activity fees and the other long used to a comprehensive activity budget) is a touch nut to crack.

Students at both divisions of our new Institute can help toward the solution of this pressing problem, not by neglecting their present organizations in anticipation of a change, but by forcefully developing and strengthening their particular activities. When financial unity and equality in student affairs is achieved (and we feel sure that this is but a matter of weeks) then those organizations which are proving the most popular with the majority of the student body will receive first consideration in the apportionment of a student activities budget (or budgets).

The Managing Board of this publication is deeply interested in the above problem and will make every effort to present new developments to readers as they occur. Comments and suggestions will be appreciated.

Student Opinion--

Staff members generally kept an ear to the ground last week for comments, pro and con, on the first issue of the Technology News. We did this for two reasons. Firstly because we are interested in producing a paper which will be generally read and approved by the student body. Secondly, the staff was a little anxious to determine student approval and disapproval of the many changes from the original Armour and Lewis publications.

The conclusions we have drawn from many conversations with students and our material rebuttals are as follows:

(1) Although most readers were pleasantly surprised by the abundance of reading material it was felt that twelve pages were too much of a good thing and that the average student doesn't have the time to read such a volume of print. Henceforth, we will limit the issue to eight pages or less, reserving the larger page numbers for special occasions.

(2) We were pleased to hear that the great majority of readers felt that the tabloid size was ideal for this publication. We will retain it.

(3) Comments on our new picture-story feature which appeared on the back page were many and varied, and we feel encouraged to continue along these lines in two or three more issues this semester.

(4) We do not know what to think about our feature columns, as some protested the laxity of the censor while others complained of the "sissy briches" condition of the page. As a starter, we will have our local "Hayes office" carefully survey the feature material for a few issues and await further developments.

The staff wishes again to express its desire for student opinion in the form of letters to the editors. Any suitable material will be printed.

Faculty Briefs

By the recent merger of Lewis Institute and Armour Institute of Technology, the electrical department at Armour has been enriched by the presence on the faculty of Mr. Paul G. Andres and Mr. Leroy T. Anderson, who will divide their time between Armour College of Engineering and Lewis Institute of Arts and Sciences.

Andres from Michigan State

Mr. Andres obtained his B.S. degree in electrical engineering from Michigan State University in 1918 and five years later received his E. E. degree from the same school. He spent some time in graduate work at University of Indiana, and has had experience as a consulting engineer. He was associate-professor of electrical engineering at Michigan State University from 1921-1939. One of the outstanding achievements was his work of chief engineer for the design, specifications, installation and training of personnel for the Indiana State Police Radio system. He was first appointed to the staff at Lewis in the beginning of the school year 1939-1940. Mr. Andres is a commissioned lieutenant in the communications division of the United States Naval Reserve.

Joined Lewis in 1935

Leroy T. Anderson graduated from University of Michigan having obtained his B. S. degree in electrical engineering. He received the degree of Bachelor of Science in engineering and the degree of Master of Science in engineering in 1934. Concluding with graduate study at University of Chicago, he joined the faculty at Lewis in 1935 as an instructor of electrical engineering.

Mr. Robert I. Sarbacher has recently come to Illinois Institute of Technology from Harvard University. Mr. Sarbacher was born in Baltimore, Maryland, and graduated from University of Florida with a B.S. degree. He was awarded M.S. and D.S. degrees at Harvard, and has had considerable commercial and industrial experience in the electrical field. He was electrical research assistant at Harvard prior to his coming to I.I.T. this year.



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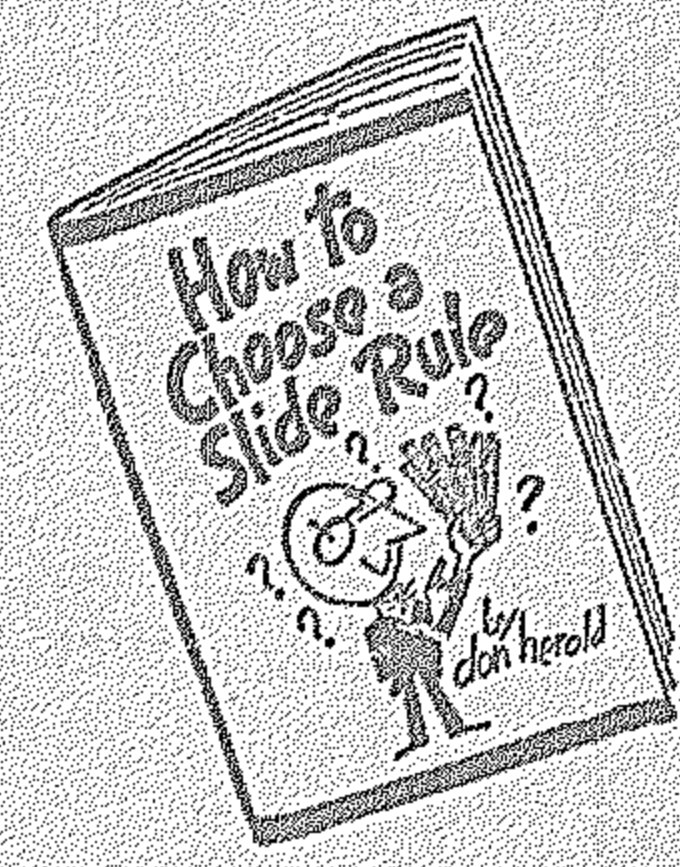
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ZELIN DEMONSTRATES



Photo by Armour Eye

Armour Eye Invites All To Visit Their Club Room

In an attempt to acquaint the new students of the Armour College with the superb facilities of the Armour Eye, the doors of this club were opened to photographically minded students last Friday morning, Oct. 4. There was no general business meeting, but Robert Zelin, the newly elected president, called a special officers meeting.

At this "Open House" session the equipment was demonstrated to numerous visitors, and in the photograph you see how Bob Zelin explains the new Super Omega B Enlarger to some prospective members. This enlarger, which was purchased only last semester, is the pride of the club. Another enlarger, the "Elwood 5 x 7 Special," is intended for negatives of larger sizes, especially portraits.

Portrait Camera

Other facilities of which the members are justly proud are the inter-changeable backgrounds acquired last semester. In conjunction with these, many floodlights, a special spot light, and a 5 x 7 portrait camera offer excellent opportunities for studio photography.

There are two darkrooms equipped with film tanks, trays, easels, thermometers, safelights, hot and cold water, contact printer, paper cutter, chrome tins, dryers, and other conveniences.

Plans are being made to get in touch with the camera club of the Lewis Institute and, joint-meeting and exchange of salon prints are expected.

Flyers--

(continued from page one)

work under the supervision of the C.A.A.

In collaboration with the C.A.A. and the Armour College of Engineering, these 24 students, 7 of which came from various colleges located in Chicago and vicinity, now boast of a Private Pilot's License. As student pilots they received a minimum of 35 hours and a maximum of 45 hours of actual flight training at the Ford Lansing Airport, Lansing, Ill., and 72 hours of ground school work at the Armour College of Engineering.

Flying Fun

The Flight course was undoubtedly the more interesting course of the two. The flight training not only benefited the men in actual flying but they also experienced practical work on engines and inspection of the ships. A line inspection of the ships flown, which were class I-S, tandem, Piper Cubs, was made every morning and recorded on official blanks especially printed for this purpose. At least once a week engines were inspected during which time, if necessary, all adjustments were

The next meeting of the Armour Eye will be held this Friday, October 11, at 10 o'clock. The rooms are located on the fourth floor, 3rd entrance of Chapin Hall. Again, the club will be open to non-members and the equipment will be on display for the public. Anyone interested in photography is urged to attend because after this the rooms will be open to members and pledges exclusively. The first night meeting will be held Friday, October 18, at 8 P.M. in the S. U. At this meeting there will be an expert in a special field of photography, who will give a talk and judge the salon prints.

AIChE Celebrates Eighteenth Year

Meeting in room 202 main, on Friday October 4, Beta chapter of the American Institute of Chemical Engineers inaugurated its eighteenth year as a recognized student organization at Armour.

George Baumann, president of the group, introduced Professor Harry McCormack, who, as counsellor of Beta chapter, acts as a link between members of the student chapter, and the parent national organization.

Professor McCormack in addressing the group, outlined the function of the parent organization, and mentioned particularly the phase by which engineering students are affected. Namely, that of inspecting and accrediting engineering schools.

made under the supervision of flight instructors. Each student was responsible for at least one official line inspection throughout his or her entire course.

Two Groups

The student pilots were divided into two groups, each group having individual flight instructors. The first group was under the pilotage of humorous and subaudacious Pilot "Shep" Shepherd. The group under the pilotage of genial and friendly Pilot "Frank" Krumweide.

The 72 hour ground school which consisted of seven separate courses were divided and taught by the Professors as follows: History of Aviation, Civil Air Regulations, and Parachutes by Prof. M. B. Wells; Navigation and Meteorology by Prof. A. H. Carpenter; Theory of Engines by Prof. D. Roesch; Instruments and Radio by Prof. A. W. Sears.

Three Hour Exams

Upon completion of both courses, came the difficult task of dispensing all aeronautical knowledge acquired on forms called examination form P II. The written examination which required three hours to complete consisted of Civil Air Regulations, Navigation and Meteorology. The flight test

Mead To Visit Lexington Ky. For Convention

The annual national convention of the Tau Beta Pi, an honorary engineering society, is being held this week end, Oct. 5-6, at the University of Kentucky in Lexington, Kentucky. Robert Mead, the president of the Armour Chapter of this fraternity, is the sole representative of the local chapter.

At this meeting the policy of the fraternity will be discussed and the founding of three new chapters will be considered. Besides the usual round of business, there will be parties and dances for the representatives.

High Standing

Tau Beta Pi is the oldest honor society on the campus as well as the most important. Its membership is made up of engineers from every department who have achieved par excellence in their studies. Since the society is composed of outstanding engineers, in order to be eligible for consideration the student must rank in the upper eighth of his class, if he is a junior, or the upper quarter if he is a senior.

The basis on which the selections depend are first, scholarship and second extra-curricular activities. However, students who have no time for activities outside the classroom because they have jobs, may be considered if they have kept up a high average.

The officers of the local chapter are as follows: president, Robert Mead; vice-president, LeRoy Goetz; recording secretary, Leo Stoolman; corresponding secretary, Fred DeMoney.

Players--

(continued from page one)

bility of sponsoring a puppet show. The members of the club hope to bring the nationally famed Yale Puppeteers to Armour for a performance.

As for the activity for the on coming year the Players have picked their production staff and are already looking for plays to present. Each member is to nominate a play for production. The choices are to be considered and then narrowed down and voted upon. The group plans to have their first play January 11, or close to that date.

The officers of the honorary fraternity, Gamma Theta, connected with this organization was announced as the following: president, Ed Wierzbicki; vice-president, Al Sanowski; secretary, Art Minwegen, and Treasurer, Rocco De Stefano.

consisted of the following aerial maneuvers; one accuracy spin to the right and one to the left, one power off and one power on stall, one 180 degree, one 360 degree, and one 720 degree accuracy into the wind spot landing, two 720 degree power turns one to the right and one to the left, a 30 degree and 70 degree eights around pylons, and forced landings.

You can well imagine the sigh of relief given by the jubilant, pilot after having been given the official signal (a hand shake) that he had successfully passed his flight test.

This, the second primary training course, just as the first, was successful in every respect. Prof. M. B. Wells, an authority on Aviation and the individual in command of all C.A.A. functions at Armour, says, "Finishing the primary course in flight training and ground school work between July 1 to Sept. 15 required the effective cooperation of both students and teachers and the results have been satisfactory."

Faculty Wives Begin Season's Activities

Not to be outdone by their learned husbands, the wives of the faculty are planning a bigger and better Women's Club for the present academic year.

Greatly aided by the addition of the wives of the Lewis faculty, the club has called a meeting for October 9, 1940 at 2:30 PM in the Student Union Building of the Armour campus.

Installation of New Officers

This first meeting will be extremely important. On the business side will be the installation of new officers who were elected last May. Mrs. A. H. Carpenter has been elected to swing the gavel, Mrs. Henry L. Nachman, vice-president, Mrs. D. E. Richardson to take the minutes, and Mrs. W. N. Setterberg to hold the money bags.

Chairmen of the standing committees have also been selected. Mrs. S. E. Winston is Program chairman, Mrs. L. R. Ford leads the social activities, Mrs. M. B. Reed heads the House committee, and Mrs. Watson Davis is the Ways and Means committee chairman.

Mrs. T. C. Poulter Speaks

With this weighty business out of the way, the ladies will turn to a lighter vein. It is the policy of the club to provide an interesting lecture and serve tea at every meeting. The first lecture will be given by Mrs. T. C. Poulter, whose husband Dr. Thomas C. Poulter journeyed to the Antarctic with Byrd and later designed the snow cruiser built by the Armour Research Foundation. Mrs. Poulter will describe her recent trip to Chile to meet Dr. Poulter on his return from the Antarctic. She will illustrate her lecture with several reels of film.

The club also extends help to needy students by offering a one half semester's tuition for the sophomore who has attained the highest scholastic rank during his freshman year and is in need of financial aid. The ladies plan to raise this money by running a dessert-bridge which will be held in December. All in all, it promises to be a busy season for the ladies.

Dr. Thomas Poulter Opens Lecture Series For Field Museum

by Julian Bowers

Dr. T. C. Poulter, a resident of La Grange, Illinois, scientific director of the Armour Research Foundation and famous as an antarctic explorer, inaugurated the fall series of lectures at the Field Museum of Natural History in Chicago's Grant Park, last Saturday, October 5, 1940. The lecture, "With the Snow Cruiser in the Antarctic," was the first of a series of nine scheduled for Saturday afternoons. Presented in the James Simpson Theater in the Museum, lectures are free to the public.

Famous Scientist

Dr. T. C. Poulter is a typical example of a middlewesterner who was compelled to educate himself. His early days were spent in Iowa and he obtained his undergraduate and graduate training at Iowa Wesleyan College and the University of Chicago. He is equally well-known as a physicist and chemist.

He is most famous for his accomplishments in antarctic explorations. As second-in-command and senior scientist of the Byrd Antarctic Expedition II, Dr. Poulter was called upon to carry on a scientific program that has been recognized by the Congress of the United States as "scientific accomplishment unequalled in Polar explorations." It was during the second Byrd expedition that Dr. Poulter gathered scientific data and mechanical measurements that made it possible for him to design and supervise the construction of the now-famous Antarctic Snow Cruiser, at present at the South Pole with the United States Antarctic Service.

Besides being an explorer and college teacher, he is a scientist in the true sense of the word. He has done important work in the study of meteors and in the investigation of the properties of matter at extremely high temperatures. Also he is the man who created the world's highest hydraulic pressure of a million and a half pounds per square inch.

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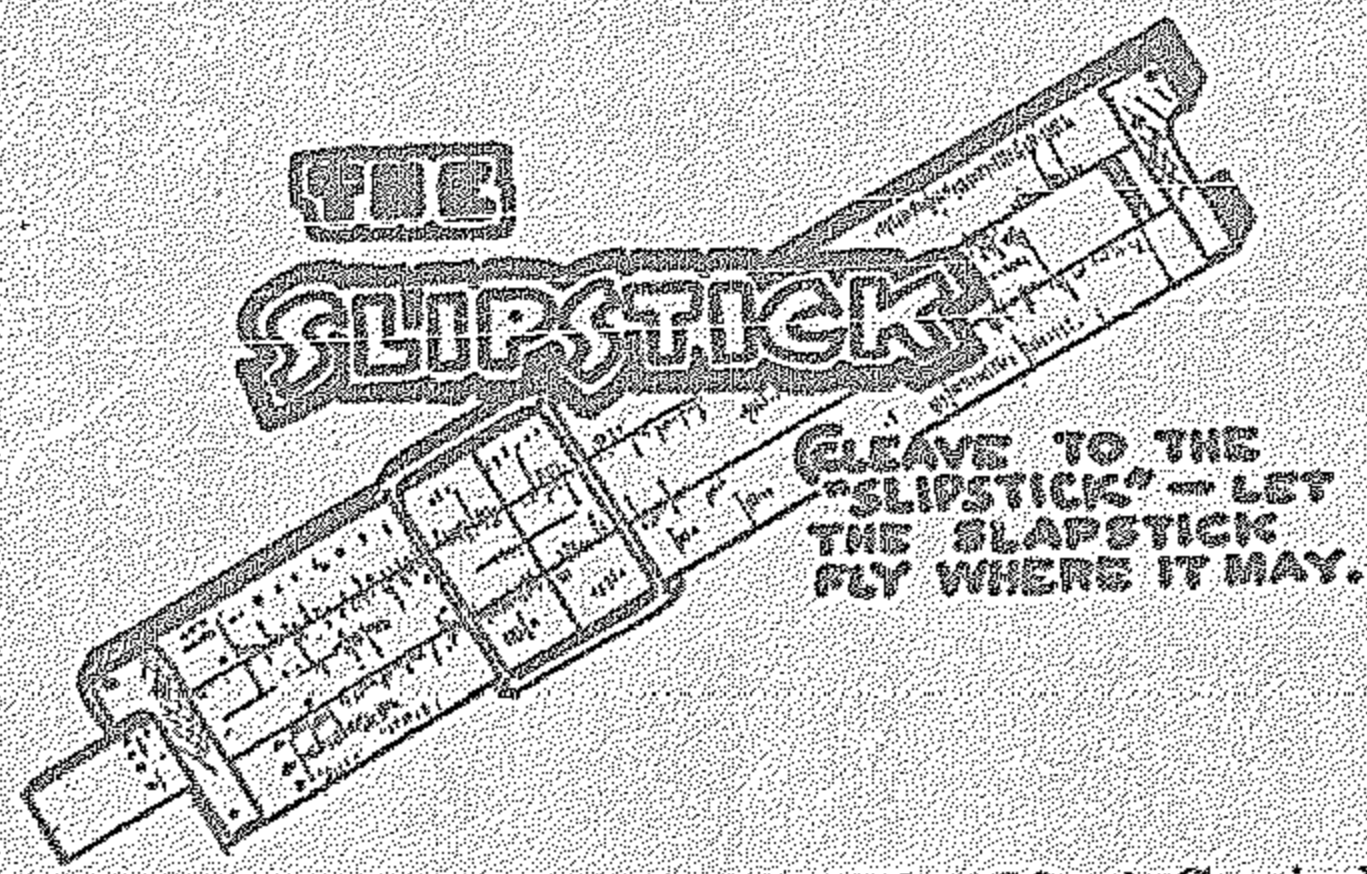
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H'mmm . . . H'mmm . . . "The Most Copied Humor Column in the Middle West", I can't make up my mind (?) whether that's supposed to be a plug or not. If it isn't, there's gonna be pickaxes at sixty paces; if it is a buildup; what in tarnation was the idea of stoppin' with the Middle West, eh?

Fond Mother: Now that Harold is through college, are you going to take him into business with you?

Frank Father: I dunno. Couldn't you use him for a bridge prize?

Jane: How you embarrass me! Your handkerchief is sticking out of your Tux.

Jack: Don't be embarrassed. That's not my handkerchief, it's my shirt.

There was a young lady of Ryde
Who of eating green apples she died
Within the lamented
They quickly fermented
And made cider insider her inside.

Young Mosquito—Soft pickings these days, aren't they?

Old Mosquito—Yes, and to think, when I was your age I could bite girls only on the face and hands.

A keen golfer had a charming girl on his right at dinner, and gave her graphic descriptions of his achievements with the clubs, hardly allowing her time to say more than "Really!"

During the dessert he remarked, "I'm afraid I've been monopolizing the conversation and talking nothing but golf."

"Oh never mind," said the girl. "But you might tell me what is golf?"

SOLD!!!

Agent: Sir, I have something here which will make you popular, make your life happier, and bring you new friends.

Dredge Runner: I'll take a quart.

"Do you know what good clean fun is?"
"I'll bite. What good is it?"

Because a girl has a vacant look, it does not mean she has an open mind.

Won't Be Long

The night was growing old
As she trudged through snow and sleet;
Her nose was long and cold,
And her shoes were full of feet.

Jones was sitting with his wife behind a palm on a hotel veranda late one night when a young man and girl came and sat down on a bench near them. The young man began to tell the girl how beautiful and good and lovable he thought she was.

Hidden behind the palm, Mrs. Jones whispered to her husband, "Oh John, he does not know we're here and he's going to propose. Whistle to warn him."

"What for?" said Jones. "Nobody whistled to warn me."

Milt: Let's sit this one out; no one will be the wiser.

Lillian: Oh, yes you will.

Strange as it seems the most shocking kisses usually take place after the boy friend turns the electricity off.

An old farmer brought some produce to town and sold it. Thinking that he would surprise his wife, he bought a new suit of clothes, a hat and a pair of shoes and put them under the back seat of his wagon. On the way home he stopped at the river and taking off his old clothes, threw them in. Then he reached under the seat for his new outfit. It was gone. Finally he got into the wagon and said, "Giddap, Maude, we'll surprise her anyway."

I eat my peas with honey,
I have done it all my life;
They do taste kind of funny,
But it keeps them on the knife.

Women Only

Remember what "Sonny" Weissman said? The girls can help the athletics of I.I.T. by coming to the boxing and wrestling matches, the baseball and basketball games, and cheering. BUT!!! The grave question is, "what shall I wear?" You had better get busy before joining the parade!

It's a casual fall, so we girls must dress accordingly. A tweed suit and a top coat, big and bulky, loose fitting, and preferably flared from the shoulders, are the basis of the college wardrobe. The suit need be nothing fancy, it need not even be new! Just so it "fits," and has good tailored lines. A little felt hat with a feather, carrying the school colors of the home team, might be included.

Add to your campus wardrobe two wool frocks . . . wool or a rayon that appears to be wool. The shirtmaker is the classic style for one of these. You know . . . the easy-to-wear, smart-in-every-line is the kind of tailored classic that does wonders for your self assurance. This can be distinguished by full graceful sleeves, and lots of cheerful buttons! The other can be a princes jumper which is back buttoned, back tied, and a set in belt.

"Knee-high" socks are a blessing for pipe-stem legs, but not for everybody. The girls that can get away with it, wear the long woolen socks, knee, high, with their tweeds and woolens. They match the sweater no matter how "loud" the color. And girls, when you get them up, please keep them up!!!

Sleeves that have a personality, soft drape, or flared fullness can make a date-dress for you that will accomplish a little less than a miracle.

Little things of great importance — A rhinestone kitten's head to clip on the top of the slide fastener to give it that additional sparkle . . .

. . . For your furless coat have fur accessories . . . a fur muff and a fur trimmed hat . . . you could put fur tassels on your gloves—or just to be different, use fur hat-pins!!

. . . The jirkins, in new found sophistication, goes out for a do-dress-up afternoon or don't dress-up evening. It's the call of a side buttoned jirkin of black velveteen, over a blouse of white rayon-and-silk crepe. Girls, can't you just imagine that?

. . . If bags are a bother to you, let a red capeskin dangle on your wrist like a chain. Just keep the essentials in it, "three guesses, the first two don't count, that's right! cosmetics!!!"

If you take this fashionable advice, I'm sure you will have several dates lined up, or at least prospects, after the games. Isn't that right, boys? . . .

DON'T FORGET TO VOTE IN "THE GALLUPING POLL"

"I suppose you will miss your boy while he is at college?"

"Yep," replied Farmer Perkins. "I dunno what I'll do without him. He's got the livestock so they won't move unless he gives 'em the college yell, and I can't remember it."

AN UPLIFTING THOUGHT

"When I was in Washington, I met the Chaplain of Congress."

"The Chaplain! What does the Chaplain do?"

"Oh, he just gets up on a platform . . . looks at Congress . . . and then prays for the country."

We've heard: Success in life depends on two things—luck and pluck . . . luck in finding somebody to pluck.

Mother: Art Hauswald brought you home very late last night.

June: Yes, it was late, Mother. Did the noise disturb you?

Mother: No, dear, it wasn't the noise. It was the silence.

"Winter draws on," remarked Gus as he tucked Maggie into his cutter for an old fashioned sleigh ride.

"Is that any of your business?" replied Maggie icily.

So long and a happy new year.

OH MIN!

Arx News

As we take up where we left off, dishing the dirt, news, etc. . . . we remind you: dirt is where ye editor finds it, and our Arx downtown campus is a paradise for dirt (note we didn't say dirty paradise). . . . Henceforth even you may improve the quality of this column by your own contributions . . . in fact a box will be erected in or near the drafting rooms wherein all info, dirt, jokes (keep them clean) etc. will be printed . . . uncensored (Eds. Note: Oh Yeah.)

Man of the week . . . Dickel . . . keep your eye on him, he claims he is going to do something about it . . . "it" my good igorotes is the question . . . Could it be possible that Mary E. (honey chile) is wishing a certain someone to come back from New York, New York? . . . Pointek after a prolonged rest is back to help the seniors make models . . . (don't take it wrong, Frosh) . . . Confidentially did you get a look at that sketch of that gal in the bathing suit by L. T. Blumberg, Inc. . . . that just goes to show you about the quiet type, you never know what they're thinking . . . Lost, one Oriental inspiration, if found please return to Schaefer . . . It seems Pehta's case on Jay isn't so sharp this year . . . could it be that he sees no point in being in a daze after almost falling into the drainage canal one night walking from her house. . . . Is it true that G. D. and L. R. like to have a few quick ones before going home.

Extra . . . We've saved the best till last . . . What? . . . Why its the traditionally famous and colossal . . . ARX DANCE . . . the date is tentatively set for Nov. 1 . . . have you ever gone to an ARX DANCE, if not you haven't lived . . . There'll be sweet and smooth stuff, waltzing, swinging . . . Ah me! . . . Watch this column for details, and if you haven't got a gal start looking around she's got to be pullently potent to go to the ARX DANCE.

SPECS.

PLATTER • PATTERN

by Bob Saigh

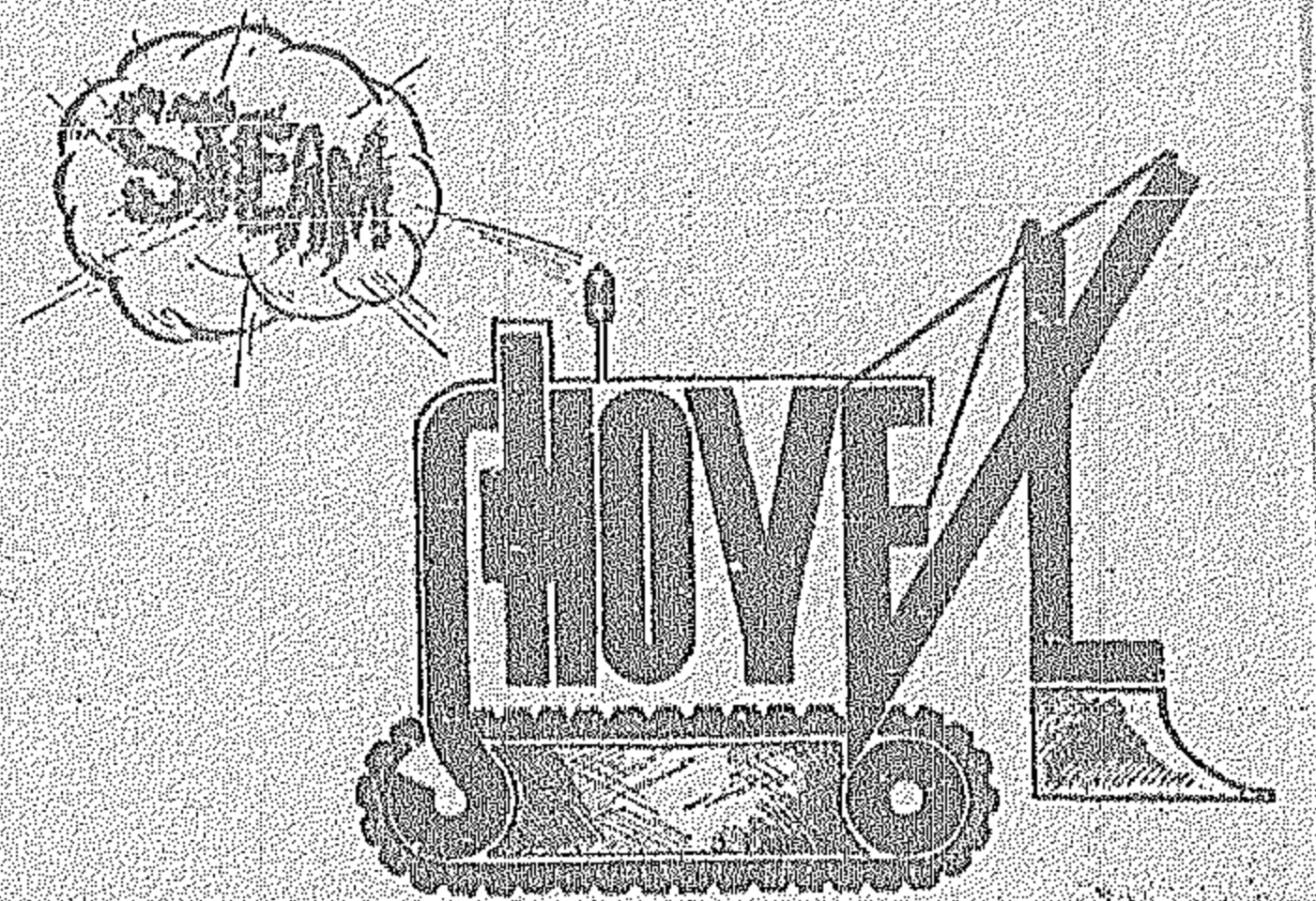
Probably the biggest bit of news announced during the summer months was Victor's reduction in the prices of all their records. The 10" black label 75c records were reduced to 50c, the 12" black label \$1.00 records to 75c, the 10" red seal to \$1.50 and \$1.00 records to 75c, and the 12" red seal \$2.00 and \$1.50 records to \$1.00. . . . The "Swing and Sway" music of Sammy Kaye is now waxed by Varsity records instead of Victor. . . . Another of the summer changes was Columbia's renaming of their Vocation record to Okey and the switch of Gene Krupa's music from Columbia to the new Okey records.

Six weeks ago the Wranglers began the first of a series of concerts of well-known classical pieces on records. These concerts are presented in the Student Union Lounge every Tuesday and Thursday from 12:15 to 1:00 and are well attended by the faculty and the students. The Wranglers cordially invite you to take part in these programs by lending them your favorite selections. Congratulations are due E. P. Hanuska and the Committee on Music for the well planned programs presented.

Victor's red seal Masterpiece of the month is the album by Lily Pons in operatic selections and songs. In this album the extraordinary voice of Lily Pons is heard in the unbeatable combination of the simple classical song as well as the brilliant operatic arias.

Of the new popular discs Tommy Dorsey's "Love Lies"—"The Call of the Canyon" (Victor, 26678) seems to be about at the top of the list. Incidentally from the latest reports Tommy Dorsey's recording of "I'll Never Smile Again" has broken all Victor sales records and is still listed as one of the ten best seller . . . The pressing of "Orchids for Remembrance"—"Blueberry Hill" by Gene Krupa (Okey, 5672) is one of the smoothest recordings done by this band . . . Bing Crosby's disc of "Can't Get Indiana Off My Mind"—"I Found a Million Dollar Baby" (Decca, 3321) is the best of his most recent releases.

DON'T FORGET TO VOTE IN "THE GALLUPING POLL"



We warned you kiddies, so now take the consequences. All of youse that have been misbehavin' better duck your heads in shame for big scoop has once more dug down into famous archives and comes up with the following sweepin's and general all-revealing slash.

H-m-m-m-m, not bad! wow! some stuff!! Yup, all these ejaculations and more will be forthcoming when youse guys set your peeper on the newest addition to Armour's secretarial department, MISS HILDA CATZ. This lovely, vivacious bit of femininity is 20 years old and a graduate of Moser college. It seems that Hilda definitely favors college men (that's your cue, wolves) and is currently traveling with an U. of C. intellectual. However, boys, she's congenial, so, all is not lost!

Who is this lofty senior that is seen hanging around Oak Park High waiting to pick up a lovely sophomore? Scoop has found out that this handsome cradle-snatcher is none other than Howard Oberfell, Sr. Mech.

NEWS ITEM: We have it on good authority that the gals at Lewis are having tantrums and stuff because they want to meet those Quote Big, strong, Armour romeos, unquote, and haven't as yet been afforded the opportunity. But don't weep gals, 'cause here's some news for youse. On October 19, Armour's dance emporium will be the site of a "Get-Acquainted" party open to everyone. On that night, gals, youse shall probably meet all the Armour wolves—and remember girls—"they satisfy."

Through an oversight on the part of Big Scoop, we announced last week that Dr. Krathwohl had flunked 14 out of 25 calc students during the summer session. However, we did the good doctor a grave injustice because actually he only flunked 13 out of 25. So now you guys don't have to be afraid to take differential equations—or sumpin'.

OBIT: Here lies the body of Joe Pledge. He was a good pledge—as pledges go. But that's just the !?! trouble—they never go good enough to satisfy the demands of the blood-thirsty actives. Seriously, all youse pledges better skip town right now because the Armour frats have this week received letters from a concern that prides itself on its ability to construct that ghostly, torture-bearing instrument of death—the paddle!! By the way, laddies, the 1941 models look ple-e-nty potent!!!

Continued: Art Hauswald was in a jam when June came back from school and he was dated up for that Saturday. Art wiggled out of this by getting a friend to double date with him. "Oh why does Cornell college have to be so far away?"

Did you notice "Cowboy" Leskinen, the style leader of Yoke! County in Kokomo all duked up Friday. We wonder what the reason for the sheep-herder's costume was. Couldn't be you were looking for publicity, could it Lesk?

Against such competition as Bob Olson, Johnnie Butkus, and Charlie Ball, Larry Liebrecht emerged with the title of the Great Lover of Camp Armour. His greatest achievement came when he received a perfumed letter with dainty feminine handwriting from three gorgeous girls seeking to date him up. They even brought their own car. What do you say "Lieb?"

All the fellows in Prof. Marin's 8 o'clock class are singing, "for he's a jolly good fellow," because he changed the lecture to 11 bells. For the past years the good old Prof has been always considerate of the health and well-being of his students. By the way, we hear that Prof. Marin teaches night school several days a week until 10 P.M. . . .

The Greeks Had A Word For It

GODDESSES . . .

Rushing season was officially opened with last week's Pan-Hellenic Tea where very-one seemed to have had a good time meeting everyone, talking over the various courses, etc. . . . Now luncheons, teas, formal, and informal parties are in full swing!

* * * * *

The KAPPAS have just welcomed into their fold a new girl, Ethel Witt, who was initiated last Monday, Sept. 30. Congratulations, Ethel!

They start on this year's rushing with an Informal Rush Party planned for the outside. It is to take place October 11, at Thatcher's Woods . . . wieners, marshmallows, brisk autumn air . . . gee! that sounds like loads of fun for the girls!!

My goodness! more wedding bells! Elizabeth McMahon, a member of the Kappa Alumni, is altar bound with Louis Dixon, a former Lewis student. The place: a Chapel at the University of Chicago. The date: October 12.

Oh! and do you know that Pat Arns is now an "Auntie"?

* * * * *

The LAMBIDAS, too, have started right in on their rushing with a luncheon which was served in the cozy, candlelite, Tea Room. The excellent food, they tell me, prepared by Lorraine Surdyk, and a friendly atmosphere made it a most successful affair.

Their Informal Rush Party is to be held at "Teacher's" (Mrs. Marie Spencer) home on October 12. Extensive plans are being made for Columbus Day decorations, skits, games, etc. . . . I can just imagine the rolicking good time these gals will have . . .

* * * * *

By next week we hope to know what the SIGMAS have planned for their Informal Rush. I understand it is to be held October 18 . . . as to what the plans are, I don't know. But they did have a rush luncheon down in the cafeteria last Wednesday.

* * * * *

I wish I could get in on half of this— they all sound so good and so much fun, and if I know girls they do have fun!

CO-OP NEWS

This is the last week of school for the "B" group and most of us are looking forward to going back to work next week. Our last official act before leaving will be to attend the Co-op Club dance on Saturday, October 12 in the Student Union and relieve a little of the tension we've developed these past eight weeks of high pressure studying. This dance, although a "a little slow" in getting under way with respect to preparation, will be a welcome diversion and should receive the active support of all Co-ops, both "A" and "B" group.

The class in advanced calculus will meet again on Wednesday, October 16 at 6:00 in room 214 Chapin for the third term. Dr. Tibbals has seen fit to authorize the continuation of the course and so the eight or so fellows remaining will start the second half of the year's work under Dr. Giddings on the above date.

With the end of this week the WRANGLER concerts come to a close until the 10th of December when the fall series will start. Hardly a concert goes by without one of the attending profs or students submitting his record library to the WRANGLERS for their use. We are certainly grateful to these donors and the fall series will feature a great variety of selections.

On August 5th the Speakeasier Club organized by Henry Altemkamp, president of the freshman "A" group Co-ops, held its first meeting. This group of ambitious freshmen got together once a week for a session of drills in public speaking and discussions of lively topics. They now number eighteen and typical of their meetings are the following programs of past meetings: Discussion of the book, *The Prince*, by Nicolo Machiavelli—Prof. Hendricks present; panel discussion on conscription and an enlightening discussion on Sex Hygiene led by Mrs. A. C. Orcutt, clinical psychologist.

DON'T FORGET TO VOTE IN
"THE GALLUPING POLL"

GODS . . .

Any Gamma Rho alumni walking through the halls of Lewis would have one fine time trying to find one of his brothers. The Gamma Rho's at Lewis look as if a cyclone had hit them. To be exact, there are five "en totum" Bob Meyer, Al Falkman, John Knapp, Jack Perkins, and Ray O'Brien. The boys at the Armour campus are Howie Herzog, Wally Werneck, Erwin Powell, Rae Berry, Warren Kuehl, Fritz De Muth, and Dale Bebb. With rush week coming up, the Lewis active list hopes to be boosted up to that equal of the Armour group.

Gamma Rho lost one of its finest brothers and best workers last summer when Johnny Lien passed away after a prolonged illness. All of the brothers will certainly miss John and his good work with the Fraternity

Dick Peterson is now working at the General Electric X-Ray Corporation.

Gene May and Marge Gordon were married last summer. Why is it 9½ out of 10 Gamma Rhos marry Lambdas? (I know I'm still hoping).

John Primm has gone back to the "Deah" old Southland. Yes, he's back at Georgia Tech where he should (?) graduate next June.

We're glad to see Ray O'Brien back at Lewis again and wish him the best of luck.

Another one of our brothers is trying to improve the U. S. Army Air Force. Ed Woods to be exact and if he can pilot planes as well as he can "pile it," everything will be all right.

Don't forget the smoker at Johnny Knapp's house Friday October the 11th at 8 o'clock.—By the way it's Johnny's birthday October 10. "Happy Birthday" John.

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Delta Lambda Xi, professional engineering fraternity at Lewis Institute, has been officially recognized by the Armour College of Engineering. All members now attending Armour have been contacted and will be notified shortly of a meeting to be held jointly with the alumni. The fraternity, headed by Albert Berger, chairman, is nineteen years old. It consists only of engineering students who show interest in extra curricular activities and have better-than-average grades.

DON'T FORGET TO VOTE IN "THE GALLUPING POLL"

My former alternate in the Co-op course, Elmer E. Ambrose, who left us about a year ago to join the Army Air Cadets, has just graduated from the Air Corps Advanced Flying School at Kelly Field, San Antonio, Texas. And so my long time friend is now a Lieutenant in the U.S. Army Air Corps reserve—good for him!—Ray M. Smith dropped around the campus last week to see us.

He also is enrolled for advanced flight training . . . This is hard to believe, but last week Dr. Giddings stopped his calc lecture long enough to find out whether Doug Turrel was sleeping or had fainted. Doug must have made a pretty picture there, slumped in his chair with that wild Russian clipping that the barber gave him standing out like porcupine quills . . . Excerpts from a typical day in the fifth years surveying class): Hawkins, "Golly, fellows, this car is in the way," and proceed to push Prof. Huntley's car in front of a fireplug; "Foresight" Parker setting the transit behind a sign board; and finally, "Precision" Hill finds the height of the chimney to be 168,000 feet . . . It is rumored that Dick Bagdon 3B is going to have a supercharger installed in his four cylinder go-cart. It is said that this is made necessary by the unwillingness of the thing to climb to the middle of the street from the lower level of the curb . . . our sympathy to Montgomery Anderson, 5B, whose mother is seriously ill in a hospital. Her condition is critical for Monty has been absent from classes . . .

And now with this term coming to an end, I turn the column over to my colleague of the "A" group, Herman Krantz, 5A, who will carry on for the next eight weeks. Thank you, Ed Wierzbicki, Bert Milleville, Chester Swan, and you other contributors.



by Charles I. Ball

Dr. Alexander Goetz of the California Institute of Technology predicts that silver will be used for the purification of water in the future instead of the bad tasting chlorine. He also sees silver as a substitute for tin in lining cans—at a thickness of one-millionth of an inch.

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The first course in philately, or stamp collecting, ever offered in a university was at the University of Minnesota. Since then numerous colleges and universities have begun regular classes pertaining to the subject.

* * * * *

"How to Make Good in College" is the title of a new book written by Randall Hamrick, personnel director at West Virginia Wesleyan College. The book offers such pertinent advice as, "The professor won't mind if you look at your watch . . . but holding it to your ear to see if it is running is the crowning insult."

* * * * *

The more than 1,700 institutions of higher learning in the United States enroll more than 1,000,000 students every year and spend over \$500,000,000 each year of which about one-tenth is used to carry on an estimated 33,300 research projects.

* * * * *

More Ph.D.'s from the University of Chicago hold university professorships than any other institution. The larger universities of the Middle West have an average of fifty Chicago graduates on their faculties.

* * * * *

Girls in one dormitory of Radcliffe College at Cambridge, Mass. keep their housemates appraised of how their dates turn out by using different colored inks when registering the time they come in. Their code is: green—just a nice time; brown—thoroughly routine; yellow—an utter flop; pink—on a high intellectual plane; red—perfectly swell; purple—too, too divine.

* * * * *

Dr. S. Winston Cram of Kansas State Teachers College urges his students not to cram. He even permits "ponies" in his exams. While on the subject, Paul Painter recently won a water color art contest at the University of Cincinnati.

Blitzkrieg!

By the Sixth Columnist

The big laugh of the week is Mary Flasher and friend Doris who are staunch members of the Home Ec department. They look very cute in their white aprons, but that's all, brother! While we are on the subject of Butch, just what were she and A.F. doing in the News Morgue at Armour? After all, they were sent over there to learn how news is written, not how to make it . . . Well, maybe there was something wrong with that light bulb . . . That big assembly last Tuesday brought out a great interest in sports. "Pro" Reinhardt has at last found a legitimate reason for playing golf instead of going to class now that he is boosting the golf club. (no pun intended, I'm sure.) . . . And the brawny backers of the girls wrestling team are very anxious to meet each and every one in the best Dogpatch style (especially Coach Weissman.) . . . Despite a stammering denial and much pretty blushing, Joe Novak and Irving 2195 continue to gleam and grin at each other. Could it be that they are just being sociological? . . . "King" Smith is swelling the number of those who daily visit the "Lounge" since he has gone in for mass bouncing from the library. That was a pretty sad looking parade that was given dishonorable discharge last Thursday . . . Bill Stanton was back to see us the other day, but he was so busy holding Connie's hand that he didn't even see this lowly scribe . . . By the way, who were those two cowboys that broke in on the party Eileen Robinson was attending? Those two guys really get around to all the local lovlies . . .

Whoops, my dears! . . . Say, did Bud Carlson get a haircut or is he just wearing it up this week? And while on the subject of hair (?), what happened to the soup strainer? . . . They used to tell me when I was a child that it was in spring that romance flourished, but Danny Cupid seems to be doing plenty of shootin' right here in our own winter quarters . . . Yeah, who is she, Trojan? . . . Overheard in the halls the other day: "Get a girl that smokes Phillip Morris cause I like them too." Why fellas, that ain't chivalrous! . . . Say Ace, what if Idylle saw you draped around Helen like that? . . . Why is Art "My Frans" Petterino so quiet these days? Worries, Pete? . . . A great big Happy Birthday to Flossi Mossi who was born umteen years ago last Saturday . . . Thanks to the few brave souls who risked their scalps by contributing to this expose.

Scandalously yours,

Sixth Columnist

DON'T FORGET TO VOTE IN
"THE GALLUPING POLL"

GALLUPING POLL

by "Dr." James Murray

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Chicago, Ill., Oct. 8—Good Morning! Well, well, so there is a little life left in the Armour-Lewis men. At least the remarks and letters received on the poll of last week proved the possibilities of even greater polls in the future.

Your Column, Students

Here is your chance IIT men, to air your criticism, and if there are sufficient requests on any point, this column will only be too glad to put the proposition before the student body. As far as issues which might be of interest in poll form, one can think of a goodly number. Naturally, the coming election is on the lips of every voter and even then some. Though it is true the point has been "hashed" out day in and day out by daily newspapers, magazines etc, the majority of requests which reached this desk the last week were on this subject. Now that the Lewis men have heard of our musical clubs, ever so many have asked about our school song. Embarrassingly enough, the Armour men who were asked about their school song were not able to shed any light on this subject.

So this department 'got again' and with Dean Tibbals help, we are quite certain that this song will be acquainted to the new and old alike. Now that the school song has been mentioned, this presents another question. "Are the songs of the respective institutes to be retained, or will there be a new song for the newly formed 'syndicate?'" Now you see gentlemen, many topics of interest can be voted upon and there is not further reason for the old "secretive" griping; here is your chance to air your difficulties and questions.

Polling Headquarters

Polling place for the "Galluping Poll" will be the Student Union, where a ballot box will serve a two-fold purpose, namely a place to cast your vote, and secondly, it will be the official receiver for suggestions for polls.

This Week's Poll

We don't intend to promise and forget these promises when we're in office, or excuse please, we mean when we go to press, so since we said we would put to a poll those suggestions we receive, we begin this week the presidential poll. To facilitate your voting a ballot will be found on the last page. Now since this is your column, use it and don't be afraid to express your requests which will be held in strict confidence. See you next week.

90 Turnout For Wrestling, Boxing In First Meeting

With but two major lettermen back this fall, Coach Sonny Weissman has the big problem of building almost an entirely new wrestling team. To date, some ninety men have turned out for both the boxing and wrestling teams to make things a bit easier for him.

Nigrelli and Till Return

The two major lettermen to return are Captain Nigrelli and Fred Till. Minor lettermen returning are Ben Cole, Harold Hurvitz, and John Butkus. Other members of last year's squad who are back include De Boo, Baum, Jahnke, Peterson, Zemaite, Roberts, Jensen, and Pocius.

Last year's graduation took four of the regular first string men, which included Hanna, last year's captain, Wolniak, Kazmeirowicz, and Balsewick. The other regulars from last year's squad who have not returned this fall are Siew, Wasilenko, and Harrison.

Match Next Month

Sonny reports that all positions are wide open, which should be an incentive for all the men to get out to all the workouts and get into top condition. With the first match but a month off, and incidentally with Wheaton one of the Techawks toughest opponents, the men will certainly have to get into shape quickly. Workout sessions are being held for both boxing and wrestling teams Monday, Wednesday, and Fridays from 3 to 6 o'clock. Coach Weissman is still anxious for as many as possible to come out.

The entire wrestling schedule has not been made out yet, but so far the opening meet will be at Wheaton, December 7. On December 18, the matmen will take on Beloit at Illinois Tech. The only other meet scheduled so far is the Wheaton Invitational held on March 1.

Honor 'I' Elects Bauch President

By Warren Spitz

At a meeting of the newly organized Honor "I", which will be the official lettermen's organization of Illinois Tech. Bill Bauch, co-captain of the baseball nine, was elected to lead the group during the coming year. Honor "I" will continue with the same policies endorsed by Honor "A," its predecessor on the campus of Armour College. These policies are to uphold the spirits of true sportsmanship in athletic competition and to promote greater athletic activity at Illinois Tech. Bill succeeds Lloyd Norkus as president of the group.

Sliwa Presides

Other officers elected include Hank Sliwa, star basketball captain, as vice-president; "Red" Mueller, of the baseball squad, secretary; and Bill Krause, co-captain of the baseball team, sergeant-at-arms.

No High School Letters

Of primary importance among the items taken up at the session was the repetition of the policy of Honor "I," not to allow 'foreign' letters to be worn on the campus. Sweaters bearing high school or club letters are hereby banned as derogatory to the spirit of college athletic. The only official insignia that will be authorized as proper will be letters won at Armour or those which will be won at Illinois Tech.

The next meeting of the Honor "I" will be held at noon Friday. The election of members from the golf, tennis, track and baseball teams will be discussed.

So I've Heard!

By Art Hauswald

Someone has to stick his neck out in predicting the 1940 touchball champions, so here we go. Look out for the Junior Mechs! They have a well balanced team built around a couple of men who starred last year for the 1939 champions, namely the present Senior Mechs. Don't say we didn't tell you.

Illinois Tech managers for the 1940-1941 season include Eugene Dailey, baseball; Judd Doane, basketball; Earl Huebner, track; Leroy Goetz, golf; Art Hauswald, tennis; Dick Grindal, wrestling; Don Knief, boxing; Dick Larson, swimming; and Chuck McAleer, intramural. All juniors who are interested in managing a team next year, must work this year as an assistant manager. So hop to it, fellows, and get in touch with these men!

Honor I is requesting that no foreign letters shall be worn on the campus. Let's get behind the lettermen in enforcing this rule. We're all students of Illinois Tech, so let's be loyal to one school.

Flash! Word comes in that Dr. Harold Davey, instructor in Social Science, has been appointed the new tennis coach of Illinois Tech. He succeeds W. W. Colvert, Associate Instructor of Physics who has left the school. Mr. Colvert, while he was coach, had been forced to neglect the team due to his activity in the field of physics. Professor Davey should supply the enthusiasm which the team has lacked in recent years.

Those touchball entries must be in by 5 o'clock tonight (Tuesday). Intramural manager Chuck McAleer has hopes of getting the tournament started this coming Friday. So get your entries in!

Riflemen Look To Great Season

The Illinois Tech Rifle club announces a very successful season for 1939-40. The sharpshooters won most of their matches last year, and they feel that they are going to do even better this coming season. Ed Dost, president, Joe Hartman, captain, and Henry Dryer, manager are working on a bigger and better campaign in order to prove how good their team really is.

Many Postal Matches

Most of the matches held are postal. However, they are trying to get four shoulder to shoulder matches for this year; two with Wheaton and one each with Northwestern and Chicago.

No matches are held before the first of November, which gives the team plenty of time to get in shape. The ten best shots in the club make up the team, and there is a space reserved in that number for any new man who can prove his worth. Those interested are requested to report to the second entrance Physics in the basement.

Took Fifth Place

Last year the first team took fifth place in the Annual Midwest Invitational meet at the U. of C., while the second team took sixth place. Captain Hartman feels that the team should take first place this year if they're ever going to take it. The Invitational is a match between most of the biggest schools in the country, so the Techawks can be rightly proud of their rifle squad.

Slug McTechawk Pleads His Case

I was approached the other day by Slug McTechawk, the prominent south 33rd street sage. Up he bounded to me and said, "Say, you know what I've been hearing? Things aren't being what they should be at Lewis. My pal Butch, the west Madison street scout, let me in on some inside dope after the big rally which the Armour big boys threw for us Lewis students. He says that the boys become real enthusiasts about sports after John J. and Sonny fed the stuff to them. So they start planning for these intramurals, like what the Federal street guys have got."

What, No Ouchball?

"Football is out," the guys declared, "because the west Madison street lots ain't as comfortable as the Ogden Field dust bowl." "But, and Butch was sincere when he said this, 'the boys were thinking of getting a head start on the South side slipstick artists in the basketball proposition. So the boys got their nerve up and walked into see Grant N. Stenger, head of physical education. 'We wants into start on that gym floor aiming at them hoops,' the boys explained to Mr. Stenger. 'And,' they continued, 'we would have teams for these intramurals, like which the other guys have, and like which we've been having.'

The Good Old Runaround

"'But,' Butch went on, 'Grant says that he'd have to see Mr. Schommer about those things.' So it look's like the boys down Lewis way are in a way getting the screw. They wants the intramurals, they had them before, they gets pepped up about them at the meeting, they sorta gets them promised to them, and then, when they asks for them, pluey. John J. says Stenger will handle the intramurals, Stenger say he's gotta see Mr. Schommer about it.

London's Burning, Like Denmark

"Well, what's it look like to you?" and the south 33rd street wizard pointed a long finger at me, like those "Enlist Now, you country needs YOU, signs. But, before I got a chance to answer, Slug ends his sortie with a "something's rotten in occupied Denmark, or sumpin."

Fencing Club Resumes Practice; Holds Tryout

A comparatively new club at Armour is the Fencing club. Bob Tannehill, president; Bob Kirk, treasurer; S. I. Hayakawa, coach; and the 16 odd members of the club will start practice tonight and will meet every Tuesday and Thursday thereafter at five o'clock in the gym.

During practices last year it was decided that there was enough talent among those interested to try and get matches with other schools. Those that aren't particularly talented are learning it for their own amusement and benefit.

Although fencing is new to Armour, it is a bona-fide sport, and if any of the new freshmen have been unable to think of a way to get out of Grant's gym class, this is as good an excuse as any.

Swimmers, attention! There will be a meeting of the swimming team tonight (Tuesday) at 5 o'clock. All who wish to become members of the squad are requested to report at that time in room U2W of the Armour Student Union.

FROSH COACH



Bill O'Brien

Returning to the basketball scene for his third year as freshman coach, is Bill O'Brien, former Armour captain. William O'Brien, as his name is more fully stated, first came to Armour in 1934 as a freshman. He spent his high school days at Mt. Carmel High School where he earned three letters in basketball.

Bill came to Armour and made the team in his first year. He went on to win four major letters in the sport and was the team's high-point man in his junior and senior years. During his senior year he was selected to serve as captain.

Graduated in 1938

After graduating in 1938, his record for basketball "brains", and ability to handle men led him to be appointed to the post of frosh basketball coach in 1938. Despite the fact that the team could only practice two nights a week in the Armour fifth-floor handbox gym, he turned out a good frosh outfit. In one game with the Loyola frosh, Armour lost by only two points. Last year Bill turned out an even better team, which even beat the varsity in a practice tilt.

Coaching basketball is only a part time job with Bill for he is Chief research Engineer for the W. D. Allen Manufacturing Company. Despite a speech he made at a Lewis athletic rally last Tuesday, Bill had an enviable scholastic record at Armour.

Prospects Good

Unlike the coaches of other sports, Bill will not have any letter men or reserves returning but instead will have to build an entire new team. He is looking forward to a large group of Frosh from both Armour and Lewis reporting to the first practice session. Considering the number he has to draw from, he should have another good team.

First Round Starts In Tennis Tourney

Intramural activities got off to a great start this week with thirty-six would be Don Budge's entering the fall tennis tournament. Almost half of the men entering are freshmen, with the juniors following closely behind. First round pairings are as follows:

- Thodos vs. Ralph Sullivan
- Goldberg vs. Ben
- Oborgfall vs. Harig
- Anderson vs. Eubitt
- Dumuth vs. Zimmerman
- McKinsy vs. Coccia
- Matthews vs. Brezon
- Greenwald vs. Bovie
- Sadler vs. Murray
- Woerhl vs. Ginsburg
- Hameister vs. Lewis
- Powell vs. Knickelbein
- Schiller vs. McAulay
- Popp vs. Bowers
- Behrens vs. Schilling
- Bond vs. Bachman
- Phillips vs. Chesley
- Baum vs. Bob Sullivan

The first round is to be completed by Tuesday, October 15. Scores are to be turned in at the bookstore, and future pairings will be available from schedules posted on the bulletin boards in Main and in the Student Union.

TOURNAMENT DEADLINE SET IN TOUCHBALL

Another year and another of Armour's traditional touchball tourneys is about to gather steam and get under way under the supervision of Chuck McAleer. After last year's madcap race, none knows what to expect of this year's entries.

Bang! What Battles!

Last year's tournament gave the student body plenty of thrills, and in some cases some pretty hard bumps, for the casualty list grew to enormous proportions as the various teams fought tooth and toenail to win with the junior Mechs finally coming out on top. The junior Mechs gained the finals by defeating the seniors Mechs in a real thriller, and then overwhelmed a fighting junior Chem team 30-0 to win the championship.

Senior Chems?

This fall's tourney certainly promises to be plenty lively, for the senior chems will be out to avenge their defeat of last year at the hands of the champion senior mechanicals. Also this year's freshman class is the largest in the history of Armour, and therefore must have a least one good team that will give the upperclassmen a tussle. However, to compensate for this, the Davey Boosters, self-styled unofficial champs need not be feared any longer for Dr. Harold W. Davey has tossed his last pass and is now relegated to the shelf with the rest of the bespectacled disciplinarians.

Deadline Today

The deadline for entries is October 8, and entries should be turned in to the intramural manager, C. McAleer, the bookstore, or to Mike Carey. Only one team from each department of each class may enter with the exception of the freshmen who may enter as many teams as they wish. Teams must be limited to twelve men. Medals will be awarded to ten of the men on the winning team. Thus far, only one team, last year's champions, the Senior Mechs, have entered.

Final Round of Golf Held This Saturday

The preliminary round of the annual golf tournament was played last week. Most of the fellows played at Southmoor Country Club last Saturday. However, several of the scores were turned in from other courses. A total of about fifty scores were turned in. The lowest of these scores will be selected and the final round will be held at the Country Club next Saturday, October 12.

Winner To Get Ball

As a first prize for the lowest score, a gold golf ball will be awarded. There are other prizes of golf balls which will be given away by lot among those who did not qualify for the final round. Since the members of the regular golf teams are not eligible for this tournament even the dubs have a chance to come out on top.

Tourney Golf Try-Out

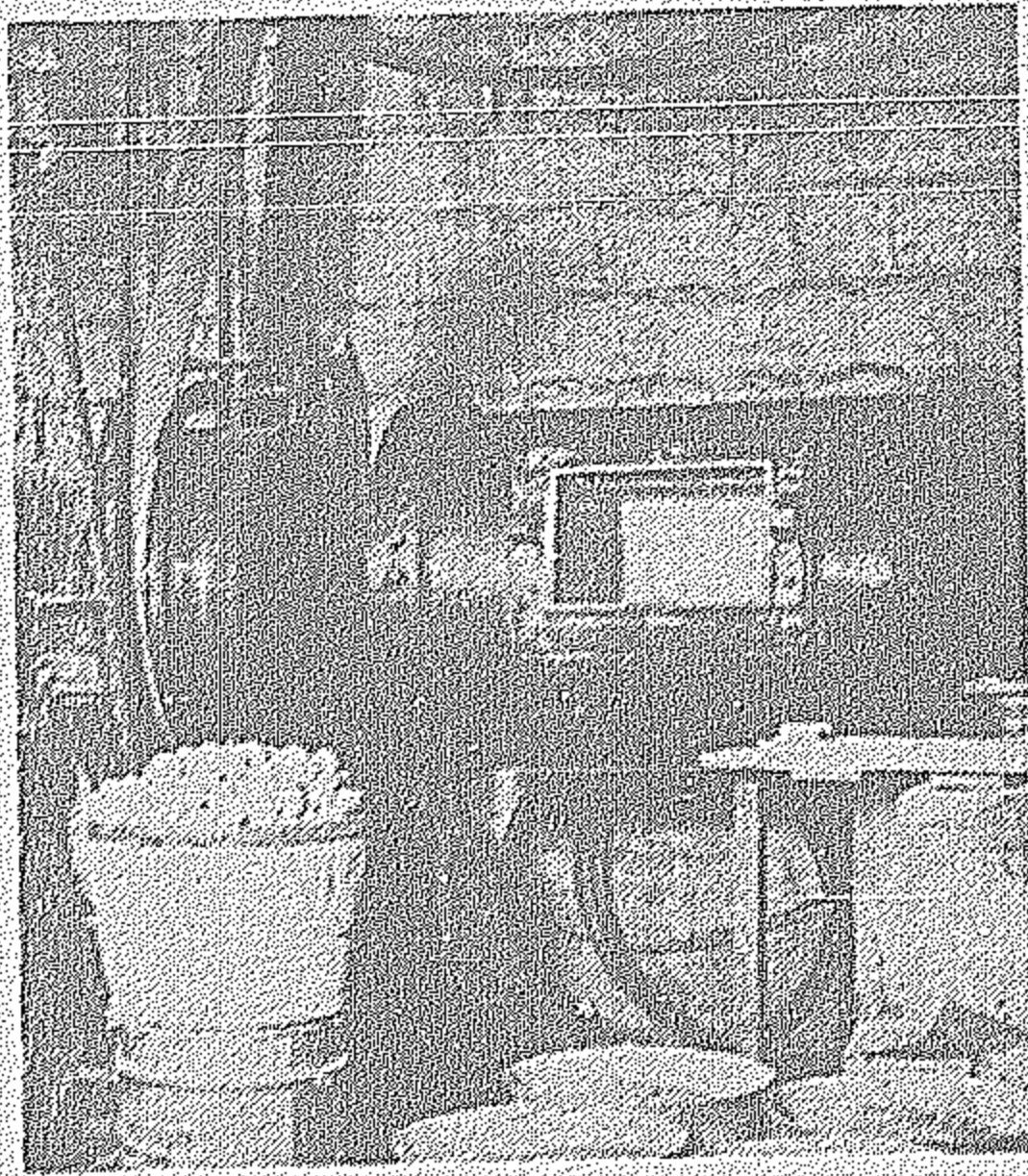
According to Coach Bibb, new members of the golf team will be selected from the ranks of those who compete in the tournament. There are several of the men from the last year's team back this year. Among them are Al Bredlau and Harry Sieg who have both shot very good scores in the early part of this season.

FIRST IIT DANCE TO BE OCT. 12th; GIVEN BY CO-OPS

The Co-op term-end celebration is to be held in the Student Union Saturday night October 12th. It will be a Buffet Supper Dance, with the orchestra entertaining in the Auditorium and the buffet supper to be served in the Student Union cafeteria, at about 10:00 o'clock.

As the fall term of the "B" group draws rapidly to a close, the Co-op club, through the efforts of the executive committee, has quietly been making arrangements for the affair. Plans are now complete, and the bids are being sold in the various classes by the respective class presidents. The established price of the bids is \$1.75, but thanks to the student activity fund the Co-ops will be able to get their bids for \$1.50.

The dance will mark the opening of the fall social season, and what is more, is the first student affair since the merger creating the I. I. T. was completed. In keeping with the importance of the occasion, plans have been completed for extensive decorations in the auditorium to provide the proper festive setting for the evening's entertainment. In recognition of the celebration of Columbus Day the dance colors will be red, white and blue.



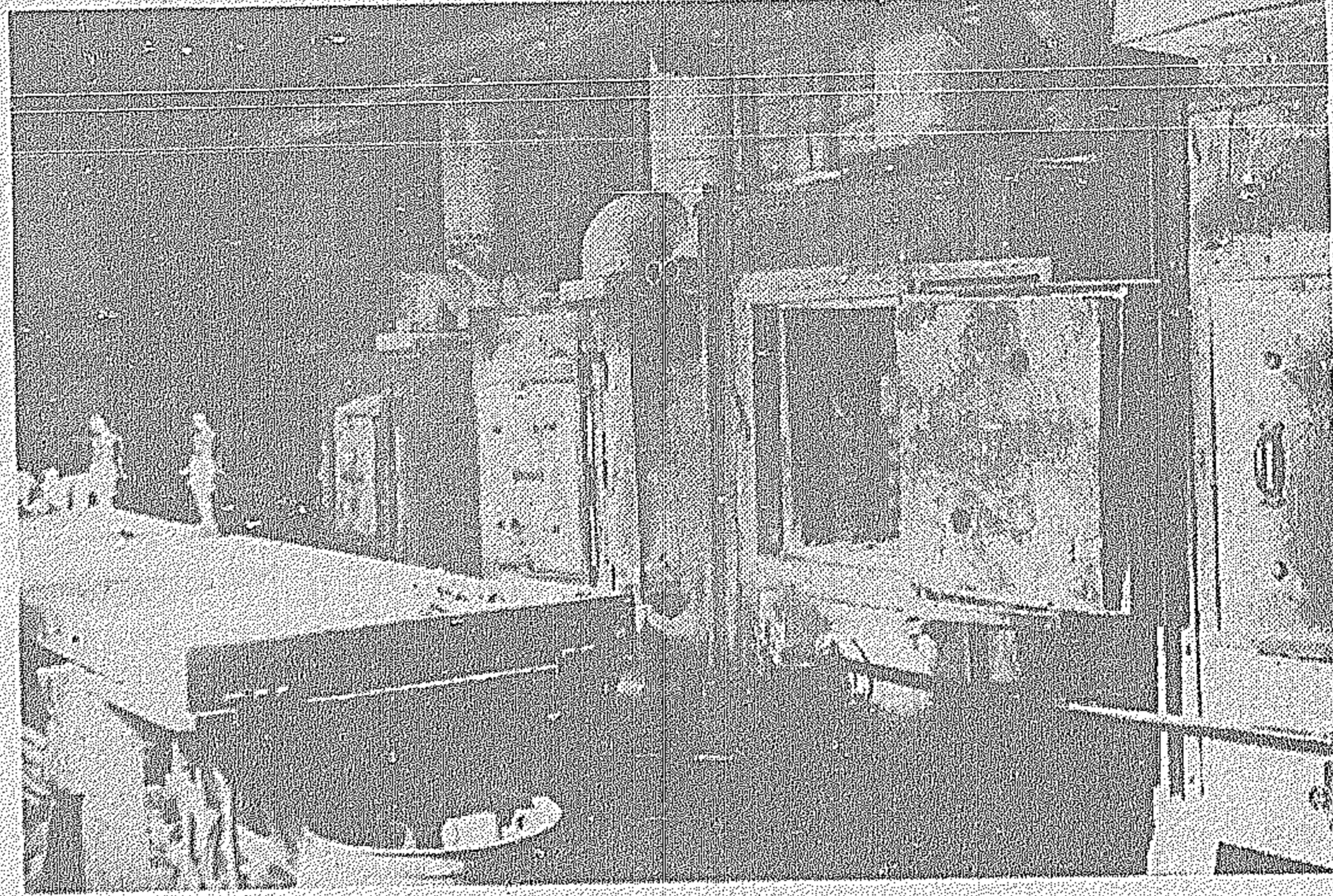
Porcelain-lined ball-mill used in the preparation of special porcelain and other ceramic products.

Notices have been sent out to members of the "A" group, and it is expected that they will attend in substantial numbers.

As they have done on previous similar occasions. Dancing will start at 8:00 o'clock. All regular students of I. I. T. are cordially invited, bids being available to them at the Co-op office.

Be sure to vote in the "Galluping Poll!"

ROOM FOR RENT \$3.00
Apartment with Lewis men. 54 W. Burton Pl. Call afternoons; App. Call Junger, Del. 1420 after 4P.M.



These pottery kilns are on the firing line of Lewis's well equipped ceramics department.

Photos by Courtesy of Armour Research Foundation

CERAMICS LAB—

(continued from page one)

presses, temperature measuring instruments and gas analysis apparatus are also in use. Equipment recently constructed for projects now in progress includes a high temperature muffle kiln, a gas expansion porosimeter, a high pressure autoclave and hardened steel molds.

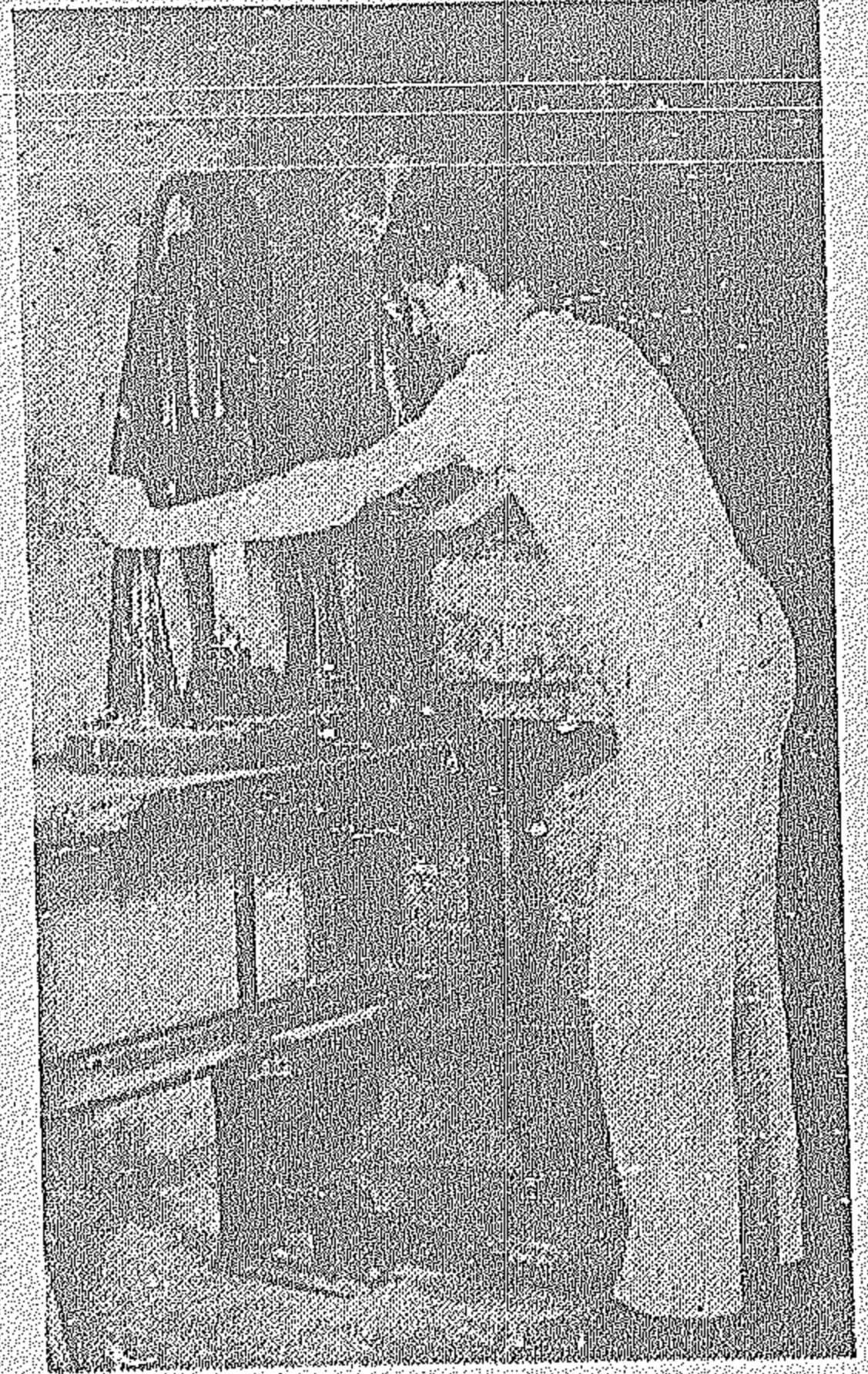
Special Microscope

The petrographic laboratories are completely equipped for research by high temperature and petrographic methods in ceramics and nonmetals. Petrographic equipment includes not only the polarizing microscope, but also re-

fecting or ore microscope accessories. In recent years with improvements in technique the value of the reflecting microscope has been more recognized. This instrument is particularly useful for rapid routine examination, and for analyzing material that is too opaque to transmit light freely. Consolidation aids research.

One of Many

It is pointed out by the Foundation official that while the extensive research work now going on in ceramics is very important, it is but one of the many projects that the Foundation is engaged in.



Hand screw press. The operator is a department assistant at Lewis, Joe Duseck.

They feel confident that the consolidation of the two schools is an important step in the realization of making Armour Research Foundation the most outstanding industrial research center in the United States.

ATTENTION
— Students of Lewis College —
Tasty Meals Specially Priced
for Students at
SEELEY CAFETERIA
2035 W. Madison Street
Try us and convince yourself

"Yes, sir, the slower-burning cigarette is aces with me. I like all those extras in Camels, including the extra smoking"

STRATOSPHERE PIONEER "TOMMY" TOMLINSON, VICE-PRESIDENT and CHIEF ENGINEER of TWA



He outflew the weather for Extra Speed

● In this "flying test tube," above, "Tommy" Tomlinson pioneered the newest wonder of modern air travel—the Stratoliner. In rain, snow, hail, and sleet, this veteran flyer "asked for trouble" to prove that high-altitude planes can fly over most bad weather.

Skill, vision, perseverance... "Tommy" Tomlinson has them all—in extra measure. Mildness, coolness, flavor—the qualities of a fine cigarette—he gets them all in his smoking, with an extra measure of each. He smokes slow-burning Camels.



Just before the maiden transcontinental flights of America's first Stratoliners—stratosphere ace D. W. ("Tommy") Tomlinson (center) takes time to enjoy a slow-burning Camel with pilots Otis F. Bryan (left) and John E. Harlin (right).

He turned to Camels for Extra Mildness

● Twenty years — 7,000 hours of flying — more hours above 30,000 feet than any other flyer. 19 national records for speed and endurance. That's the flying log of "Tommy" Tomlinson (above). His smoking log would read: "I wanted more mildness in my cigarette. I changed to Camels and got what I wanted—extra mildness with a grand flavor."

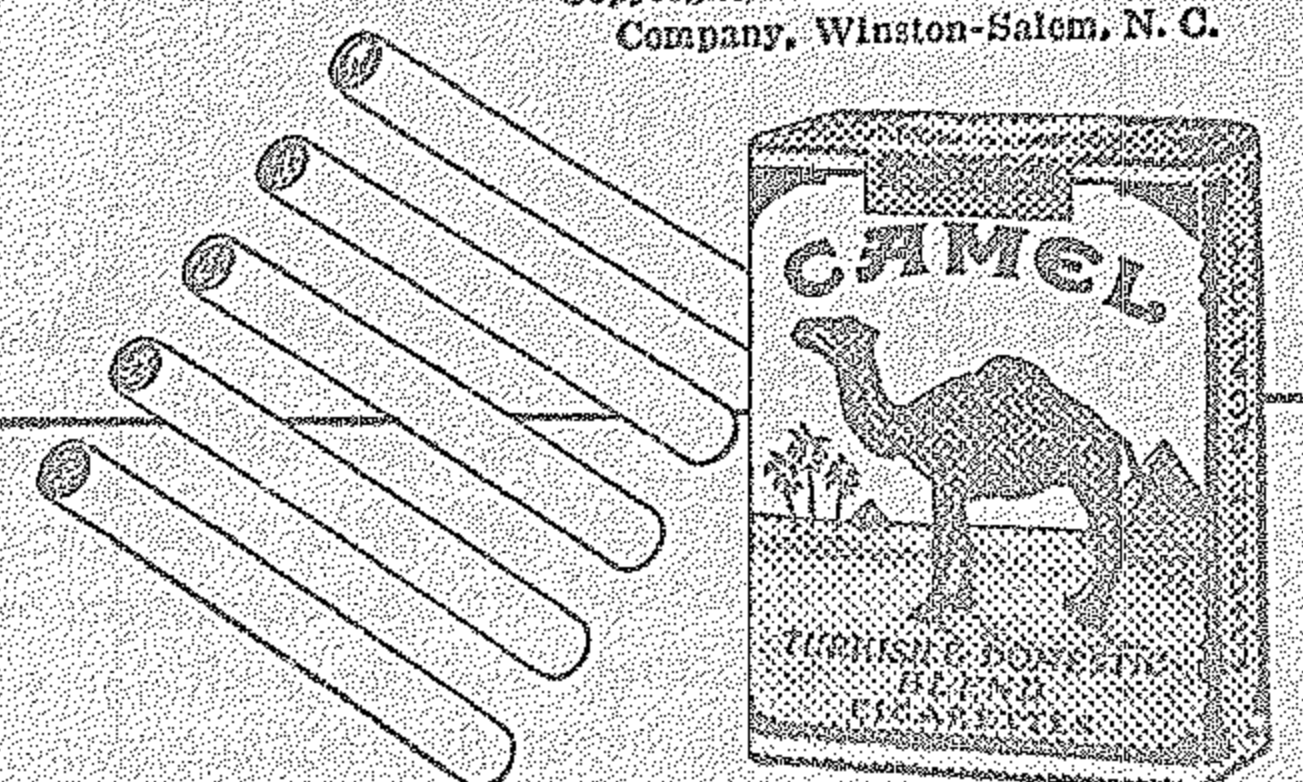
Slower-burning Camels give you the natural mildness and coolness of costlier tobaccos *plus* the freedom from excess heat and irritating qualities of too-fast burning. Try Camels. Get the extras—including extra smoking (see right).

EXTRA MILDNESS
EXTRA COOLNESS
EXTRA FLAVOR

In recent laboratory tests, CAMELS burned 25% slower than the average of the 15 other of the largest-selling brands tested—slower than *any* of them. That means, on the average, a smoking *plus* equal to

5 EXTRA SMOKES PER PACK!

Copyright, 1940, R. J. Reynolds Tobacco Company, Winston-Salem, N. C.



GET THE "EXTRAS" WITH SLOWER-BURNING CAMELS

THE CIGARETTE OF COSTLIER TOBACCOS

Selective Service Quiz To Be Broadcast For Benefit of Students

Tuesday, October 8, at 9:15 P.M., a program entitled *A Student in Selective Service* will be broadcast over a nationwide network of the Columbia Broadcasting Company. The Chicago outlet is station WB-3M.

For the convenience of Illinois Tech students, the lounge of the Armour Student Union will be open and the radio will be accessible to those who wish to hear the broadcast. A stenographic record will be made of the program and Dean C. A. Tibbals of Armour will prepare a digest of it for the next issue of *Technology News*.

Questions Asked and Answered

The broadcast will serve to answer specific questions of those students who may be eligible for the draft and it will be conducted along the lines of the popular quiz programs. Questions will be asked by Dr. Harry W. Chase, of N.Y.U. and Dr. C. C. Williams, President of Lehigh University. Questions will be answered by Lieut. Col. Lewis Hershey, Executive Officer at National Selective Service Headquarters and Dr. Fred Osborn, Chairman of the Selective Service advisory committee.

Over 2000 "Night Hawks" Register

For the first time in the history of the evening school at Armour College, the enrollment passed the 2,000 mark before the classes began. Everyone connected with the registration department was kept thoroughly busy throughout the registration weeks: only two nights brought less than one hundred students each. The peak enrollment for one day came on the Friday before school began, when 249 students enrolled.

In percentages, however, the "last minute rush" was not quite as intense as last year's. The first week's registration was 49 percent better than last year at the same time, which seems to show the Armour "Night Hawks" dislike for crowds. He apparently learned his lesson to a noticeable extent.

An indication of the degree of increase in evening school attendance is the fact that classes are now held on Wednesdays as well, while in previous semesters the Wednesday evening classes were negligible in number.

On Friday night last, the total registration was 2,248, which, when duplicates are deducted places this year's record one week ahead of that of the peak year 1937-38.

ASME SELECTS NEW OFFICERS IN FIRST MEET

Not to be outdone by their respective schools, the American Society of Mechanical Engineers student branches of Armour and Lewis merged last Friday morning, at a joint meeting of the two groups. Obviously, the most important item of the morning was the selection of the combined officers. By means of a suitable agreement to all, it was unanimously accepted that two members from each school should be on the managing board, obviously since the former officers were already passed on by the respective groups, these men were the candidates for the offices.

John Sauvage, President

Results of the election saw John Sauvage of Armour the combined groups' president. The other officers and their positions are as follows, Ray Geisler, vice-president; Ted Wiczorek, secretary, and Ed. Floreen, treasurer. The selection of the honorary chairman was deferred until the next meeting because of the lack of time.

GALLUPING POLL BALLOT

My Choice for President is
ROOSEVELT ()
WILLKIE ()
WHY?

Please Sign Immediately - Drop in Ballot Box

WRANGLER CONCERT

ARMOUR STUDENT UNION

LOUNGE

12:15 — 1:00

PROGRAM

Tuesday, October 8, 1940

Raymond Overture .. Thomas

Symphony No. 5 in C Minor

1st and 2nd movements

..... Beethoven

Invitation to the Waltz

..... Handel

Moonlight Sonata .. Beethoven

Unforgotten Melody .. Wood

Thursday, October 10, 1940

Grand March (Aida) ... Verdi

Symphony No. 5 in C Minor

3rd and 4th movements

..... Beethoven

Largo (Xerxes) .. Handel

To a Water Lily .. MacDowell

Ride of the Valkyries .. Wagner

To a Wild Rose ... MacDowell

Pomp and Circumstance

March .. Sir Edw. Elgar

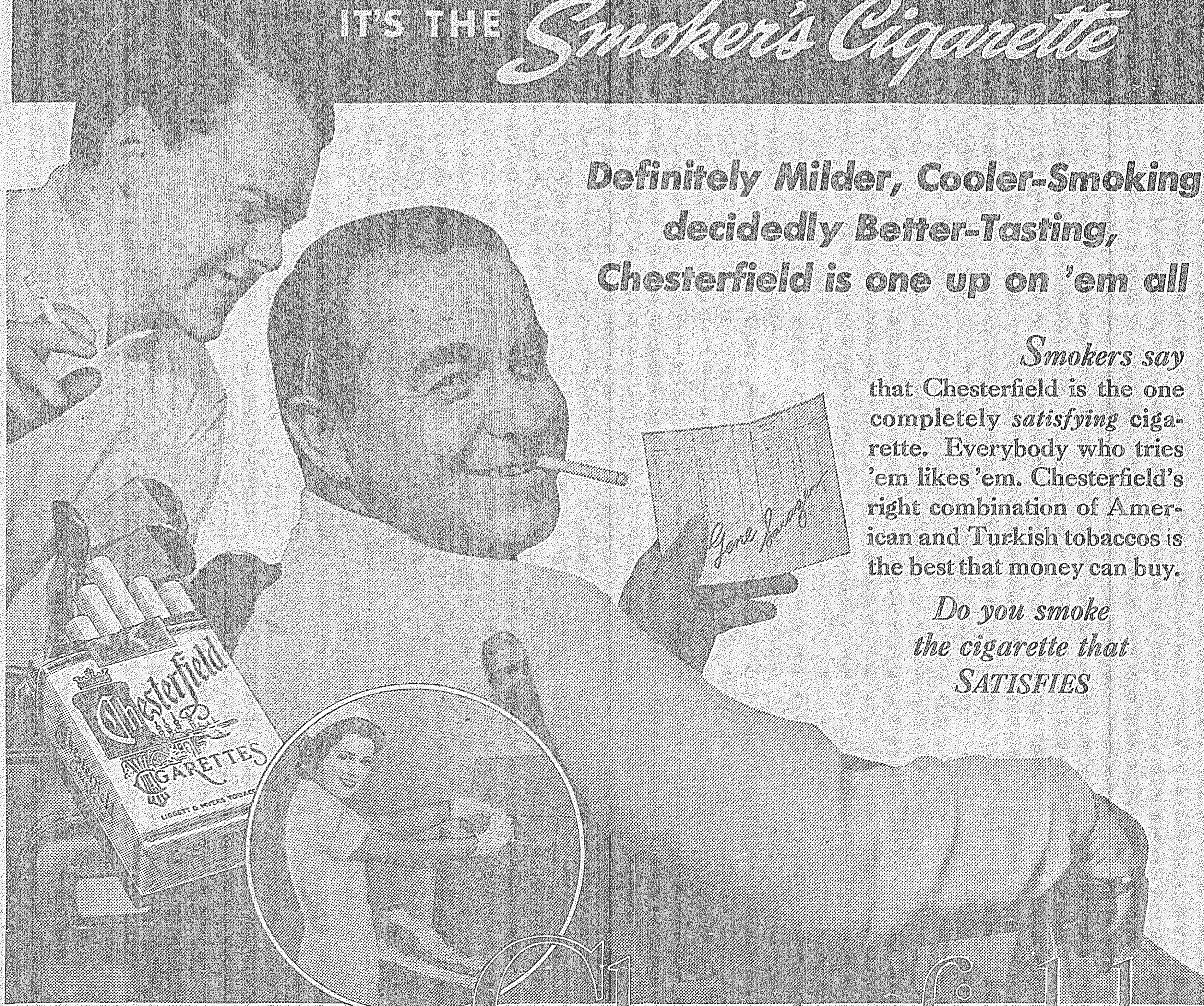
DO YOU SMOKE THE CIGARETTE THAT SATISFIES

IT'S THE *Smoker's Cigarette*

Definitely Milder, Cooler-Smoking
decidedly Better-Tasting,
Chesterfield is one up on 'em all

Smokers say
that Chesterfield is the one
completely satisfying ciga-
rette. Everybody who tries
'em likes 'em. Chesterfield's
right combination of Amer-
ican and Turkish tobaccos is
the best that money can buy.

Do you smoke
the cigarette that
SATISFIES



BETTER MADE FOR BETTER SMOKING
Every Chesterfield must conform to the one
right standard of size and shape for a cooler,
better-tasting, definitely milder smoke.
(As seen in the new film "TOBACCOLAND, U. S. A.")

Chesterfield