



Math Club Plans New Association

Hopes to Exchange Speakers with Chicago Area Colleges

The newly reorganized Math Club, under the direction of Dr. W. C. Krathwohl with the assistance of A. M. Zarem, will hold its first meeting next Friday morning at 10:30. All the instructors of the mathematics department will be present and Dr. L. R. Ford and Dr. Krathwohl will give short introductory talks followed by the election of officers and a business meeting. If time permits A. M. Zarem will present an extension of his talk, that proved so popular last year, on "Trick Methods of Computation."

In the past, the activities of this club were limited chiefly to the junior and senior members of the student body, because of the advanced type of work handled almost exclusively in their meetings. On the basis of a ten point program all material will be popularized this year in order to reach every student. Much of this work will be supplementary to work done in the classroom, making membership vital for every one from freshman to senior.

Faculty to Lecture

As formerly, the members of the mathematics department will give talks on their favorite branches of mathematics. In addition, however, outside speakers will be brought in in order to cover as wide a field as possible. Subjects to be presented will be new, but not necessarily difficult. Those of an advanced nature will be treated in a manner that does not require the knowledge of advanced mathematics for an understanding of the subject matter. Plans are already being made for talks on

(Continued on page four)



By A. M. Zarem

IT USUALLY HAPPENS that way. An article is completed and ready to go in when something of great importance takes place and must be included. What is worse, sometimes the column must be completely rewritten, and at other times it is "scrapped" entirely. Upon this occasion it was President Roosevelt's recent speech, delivered in Chicago last week, that caused all the trouble.

Last Thursday I happened to be speaking with an old friend of mine who had known my parents even before my birth. I asked him how his business was coming along, jokingly remarking that I might include his answer in my next column. His reply almost floored me. In part he said,

"IF YOU CAN arrange it, in your next meeting with the president (what supreme sarcasm) would you kindly tell Mr. Roosevelt to stop making speeches? He should confine himself to two speeches per year—one of them to be delivered on December 31 when every one is so imbued with the spirit of New Years eve celebration that it will go unnoticed, and the other to be given on February 30.

"Do you know"—this in a confidential tone—"every time President Roosevelt opens his mouth, it seems that business gets worse? It has finally reached the point where we use his schedule of speeches as a financial barometer. We stop buying ten days before a scheduled talk in anticipation of what will happen to business directly after it."

"BUT HOW ABOUT his Chicago address"—I put in feebly.

"From his last speech one would gather that the Rhine flows into the Mississippi, the Great Wall of China extends to San Francisco, the Alps are a part of the Allegheny Mountain."

(Continued on page four)

Seniors Plan Primary Voting for Tomorrow

Preliminary voting for senior class officers will be done tomorrow as announced by the senior election committee. The final election will be run off on Friday. Plans were discussed at the class meeting held last Friday in Science Hall.

The election committee, composed of E. W. Menke, M. E., chairman; N. K. Anderson, Ch. E., R. F. Beardley, F.P.E.; T. C. Cunningham, Arch; S. D. Johnson, C. E.; and W. J. Laise, E. E., considered the applications for offices turned in yesterday, and were given full power by the class to make out the ballot.

Last year's treasurer, I. X. Seidenberg, reported that the class has a fund of three hundred dollars at its disposal. Business was concluded with approval of a motion that hospital expenses be paid for E. J. Skeppstrom, who injured his arm in one of the interclass baseball games.

Successful Pledging Follows Rush Week

By the end of this week the largest pledge class in recent years will have been annexed by the social fraternities. A successful rush week last year produced 68 pledges, but this year, even with the shorter rushing period and two fraternities not announcing their pledges yet, 64 names are already on the list with promise being made that pledge buttons have further work to do this week.

Phi Kappa Sigma, displaying a group of 19 pledges, led the pledging, with Delta Tau Delta getting 17 for a close second. The others who announced their pledges were: Rho Delta Rho, 12; Triangle, 7; Phi Pi Phi, 6; and Theta Xi, 3.

Junior W.S.E. to Hear 'Who Creates Money'

"Who Creates Money" will be the topic discussed by Gertrude M. Coogan at the Junior WSE meeting next Thursday evening, October 14, on the twelfth floor of the Engineer's Building, 205 West Wacker Drive.

Miss Coogan is a graduate of Northwestern University and from 1922-9 was employed with the Northern Trust Company analyzing stocks, bonds, mortgages, and price movements. At present she is employed as an investment manager.

The meeting, it is believed, should be of particular interest because of the emphasis on economics as applied to the engineering field. All students are welcome to attend the meeting.

Dr. Kinter to Speak at A.I.Ch.E. Meeting

Experiences in chemical engineering will be discussed by Dr. R. C. Kinter for members of the A. I. Ch. E. at their meeting next Friday morning, at 10:30 in the physics lecture room. Dr. Kinter, a new professor in the chemical engineering department, came to Armour from Bucknell University. He received his degrees at Ohio University and has had a number of years of industrial experience.

All students are invited to attend the meeting. Plans for the coming A. I. Ch. E. smoker will also be discussed.

Co-ops Hear Amsbary and Cook at Inaugural Banquet

Lawson Y.M.C.A. was the site of the first Co-op banquet last Friday evening. Many faculty members were present, with Professor W. B. Amsbary and W. L. Cook listed as speakers for the evening.

Many of the Co-op students had a chance to meet their alternates, making new friendships and renewing old ones.

Professor Finnegan Seventh Speaker on WCFL Series

Professor Joseph B. Finnegan, director of the fire protection engineering department, was guest scientist on the seventh program of the current series of radio broadcasts sponsored by the Institute through the co-operation of the Adult Educational Council of Chicago last Saturday over radio station WCFL.

The program, which was concerned with fire protection engineering and its application to our every day life, in keeping with the theme of the series, was of special significance since last Saturday was the sixtieth anniversary of the Great Chicago Fire.

Only School Giving Course

Professor Finnegan as guest scientist was especially well qualified because of his close association with fire protection here at the Institute. Of special note was the fact that the Institute since 1903 and through the co-operation of the Underwriters' Laboratories, is the only educational institution maintaining such a course.

In response to the question by Alexander Schreiber, the interlocutor on the program, as to whether it would be wiser to stress fire prevention in preference to fire protection, Professor Finnegan said, "Fire protection and fire prevention are practically synonymous as far as the work at the Institute is concerned and as far as the work at the Underwriters' Laboratories is concerned." He went on further to say that the engineering instruction with reference to fire protection is very thorough and comprehensive.

Four Major Problems

There are four major problems with which the fire protection engineer must cope. They are construction, protection by means of alarm and control systems, occupancy, and exposure. After stating these problems, Professor Finnegan showed that to cope with these problems, the fire protection engineer must have a knowledge of the fundamentals of all the other branches of engineering. He also pointed out that the fire protection engineer without a knowledge of the principles embodied in the various branches of engineering is helpless from both a preventive and protective point of view.

Vast Reserves for Social Security Are Unnecessary—Professor Hansen

Building up great reserves by the present generation for social security is an unnecessary and undesirable burden in the opinion of Professor A. S. Hansen of the social science department. He urged that the system be abolished. Professor Hansen expressed this opinion as a recognized Chicago insurance expert to a large conference of Municipal Finance Officers of the United States and Canada held at the Hotel Statler in Boston. The professor's ideas were given wide publicity in *The Boston Globe*.

The future reserve, he said, will be obtained from a large group which will in fact be paying for the pensions of the older people who will not have contributed and also paying for a future satisfaction which may never be realized. Professor Hansen pointed out that one half of all contributors at 25 will not reach the age of 65 to be pensioned.

Depends on Price Levels

Vast reserves are undesirable also from the point of view that their future value may not be the same in years to come, and if the price level continues to rise as it has in the past, the worker may eventually receive a return of one dollar of value for every six dollars of value he paid in. A policy of maintaining a small reserve would enable the pension rates to be adjusted to price levels in any period and would not depend on a set percentage of the total amount paid to the social security system. Value received then would become equal to

Seniors Urged to Fill in Placement Forms

Greatly increased demands for Armour graduates during the past year have been reported by Mr. W. N. Setterberg, placement officer, in a survey recently presented to the Dean's office.

Mr. Setterberg said in his report: "The class of 1937 was favored with having more companies seeking graduates than any other class in the history of Armour Institute. In all, over forty companies, representing many industries, requested interviews with men from every department."

"As usual, outstanding graduates in the upper third of the class were in demand, and in every case there were from three to six offers per man. Industry in general, with the exception of construction, made heavy demands for technically trained men last summer."

Mr. Setterberg urges all members of the senior class to fill out their placement records immediately and file it with him. Forms for the placement record can be obtained in the Registrar's office.

Activities of Junior Civils at Trout Lake, Wisconsin, to be Shown before W.S.E.

The latest civil engineering camp films are to be shown at the next meeting of the Western Society of Engineers scheduled next Friday morning at 10:30 in room "B" Mission. The meeting marks the beginning of this year's program.

Professor Spears recorded on film the activities of the junior civils during their six weeks' stay last summer at Trout Lake, Wisconsin. Field practice in surveying is the main function of the camp stay, but last year's films attest to the fact that the surveyors also have their fun. It is expected that the film will provide about thirty-five minutes of entertainment.

President W. F. Schlax has rounded out this year's program which includes several distinguished speakers. Further information regarding the future meeting will be given at a later date.

There will be an important short business meeting of the Junior Class today at 12:20 in Science Hall.

Student Directory to Be Distributed in Two Weeks

Distribution of the new 1937 student directory containing the names, addresses, and telephone numbers of all the students will begin in about two weeks according to the registrar's office. The new book will be either sold at a nominal price or distributed without charge.

Any student who wishes an address other than that appearing on his program card to appear in the directory should notify the registrar's office.

'Practical Psychology' Draws Enthusiasts

Only one half of the applicants for the new elective, "Practical Psychology," will be able to take the course Mrs. Anna C. Orcutt, instructor of the subject announces. The class will meet every Tuesday at 11:30 in room A Main and every Friday at 9:30 in room 214 Chapin Hall.

The membership for this course has been reduced because the class time schedule can not fit the program of all the applicants. Only six upperclassmen will find it possible to take the course this semester, although in arranging the time for class meetings preference was shown towards hours when most seniors are free. Because of the large demand for the course, however, arrangements are being made to repeat the course next year for the present juniors who are unable to attend the classes this semester.

Armour Dramatists to Stage O'Neil Play

Casting for Parts Continues Tonight at 5 o'clock

"Where the Cross Is Made" by Eugene O'Neil will be presented next month by the Armour Players as their first play of the current season. With Mr. Homer C. Combs, newly appointed instructor in the department of English and languages, as their new sponsor, the Guild, honorary society controlling the Armour Players, has planned an extensive and active program.

Casting for the new play began last night and will continue this week at 5 o'clock in Mission Hall. Officers of the Guild are encouraging new men to try out for parts in the play or for a position on the technical staff. All the scenery and all technical details will be designed and executed by the group. No experience is required of new men.

Popular One-Act Play

The play to be presented is one of the more popular one acts written by Eugene O'Neil, considered by many to be the outstanding modern American playwright. It was chosen after careful consideration of many plays by the Guild, and has five men and one woman in the cast. The play was given special attention because of the enthusiasm with which Armourites received the last O'Neil play presented by the Armour Players, "In the Zone," three years ago.

Players Consider Musical Comedy

Mr. Combs will be in charge of the production and will direct the play. He has had extensive and varied experiences in the theatrical world. At Georgetown College, Kentucky, besides directing plays, he took an active part in school activities as a musician and singer. After graduation he worked as an announcer, singer, and arranger of programs for station KMOX, St. Louis. Mr. Combs has also done graduate work in the School of Speech of Northwestern University.

Since Mr. Combs has had experience as a musician, singer, and director, the Armour Players Guild is seriously considering producing a musical comedy next semester.

Famous Polar Explorer Will Speak Monday

Vilhjalmur Stefansson to Tell of Arctic Adventures

CLASSES DISMISSED

Vilhjalmur Stefansson, noted explorer, scientist and lecturer, will address the Armour student body next Monday morning at 10:30 in the Assembly Hall in the first of a series of programs that have been arranged for presentation during the coming year. Mr. Stefansson will lecture on his experiences in the Arctic region and will discuss the many peculiarities of the "land of eternal ice."

The speaker has received world wide recognition for his achievements and is the author of many books and technical papers on the far North. The late Theodore Roosevelt once said to him, "There are only a few men in this world that I envy, and you are one of them."

Canadian by Birth

Born in Canada, Mr. Stefansson attended the University of North Dakota and graduated from the University of Iowa. He received his M.A. degree after a year at the Harvard Divinity School and two years as a fellow in anthropology at the Harvard Graduate School. Later he earned a Ph.D. degree at the University of North Dakota.

His interest in exploration led Mr. Stefansson on a number of expeditions into the Arctic region, including Arctic Alaska, Arctic Canada, and the Polar Sea. He has also conducted expeditions into Iceland; interior of Australia for a comparative study of the Tropics and the Arctic; and to Wrangle Island off the coast of Siberia. His total explorations in the North have covered over 1,000,000 square miles. He has been awarded gold medals by leading geographical and exploring societies in various countries of the world. His theories on the future possibilities of an empire in the Arctic have been widely studied.

First Speaker of New Series

Vilhjalmur Stefansson heads the first of a series of outstanding programs to be given this year, under a new policy of presenting general scientific and technical information to the student body. Scheduled for Friday, October 29, is a talkie film entitled "Bridging A Century," an epic of the Golden Gate Bridge, and presented by John A. Roebblings & Sons. All classes will be dismissed for the programs.

F.P.E.S. Features Automatic Sprinkler Pictures Friday

Sound pictures, donated by the Rockwood Sprinkler Company, will be the feature of the first meeting of the Fire Protection Engineering Society, to be held on Friday, October 15, at 10:30 in C Mission.

The movies show the operation and testing of automatic sprinkler systems under fire conditions. All fire protects are urged to attend, and the freshmen of the department are especially invited.

Bodnar Leaves for Tau Bete Convention

Henry J. Bodnar, president of the Armour Chapter of Tau Beta Pi, national honorary engineering fraternity, left early this morning to attend the national Tau Beta Pi convention convening from next Thursday to Saturday in Austin, Texas. He will stop at Dallas to attend the Texas Exposition and continue on to Austin tomorrow evening.

Bodnar's time will be spent attending the convention meetings, sight-seeing, and enjoying smokers and dinners. He plans to attend the formal dance which concludes the convention.

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Should Engineers Unionize?

An important problem facing all engineers and other technicians is that of national organization. The Federation of Architects, Engineers, Chemists and Technicians, organized by the C. I. O., held its third convention at Detroit last week.

F. A. E. C. T. literature appears to have many points in favor of organization. To quote a pamphlet: "Not so long ago it was thought there was some weakness in a man if he would work for another. . . .

"The college-trained engineer, the doctor and the lawyer were more fortunate in those times . . . with the growth of industry there was an ever increasing demand for technical experts, who were classed along with lawyers and doctors as 'professionals.' The name of the professional was printed proudly on his office doors. He gave needful advice and valuable guidance, announced his consultation fee, and it was paid without question. He was a true professional.

"Where are the consulting engineers now who will take ambitious associates? Where can patents be sold that will improve the lot of millions? Certainly people need houses to live in, but why is it so hard to get a commission to design one?

"The consulting engineers are now concentrated in such firms as Stone and Webster, Bell Laboratories, The Mellon Institute, G. E.'s House of Magic, and others who usually have monopolies. They do not buy patents, they develop their own. Most dwellings are built by speculative corporations backed by banks, and are sold on easy terms.

"What a comedown for the 'professional.' The dreams of great individual achievement fade. He must adjust himself to the new way of things and enter the large drafting rooms or laboratories of a corporation to be part of the large staff. . . . Here is an example of regimentation of brains, trained by years of college and investment of much money, by corporations which have two aims, to increase the profits of their stockholders and to gain increasing control in industry. If these professional workers would ponder their employment problems for just ten minutes and realize how important their knowledge is to the firms that hire them, the inequality of their situation would become patent. These men by disregarding their prejudices could organize as a group and establish salary levels in keeping with their ability."

On the other hand, more conservative engineers are still of the opinion that licensing of engineers should be required by every state. They feel that C. I. O. is diametrically opposed to this licensing, a law which would restrict the practice of engineering to the small proportion who are properly qualified. Besides, a standard of pay for engineers cannot be set up. Other professionals have always charged fees according to the ability of the client to pay, and there is no reason why engineers should not do the same.

The arguments of both factions are strong, but it is certain that the F. A. E. C. T. will have difficulty in organizing a great proportion of the country's real technical experts.

Engineering and Fire Protection

Just as fire protection engineers must have a knowledge of other engineering fields, all engineers should be interested in fire protection.

Evidently an architect or structural engineer must consider the combustibility of the building he designs or constructs. Electrical engineers are primarily interested in the permanence, reliability, and efficiency of electrical equipment. Machinery should not be likely to start a fire. If fire puts a machine out of service, it is a reflection on the designer.

Civil engineers are concerned with water supply. Water is probably the principal agency used to extinguish fire. A reliable supply at proper pressure should be available at the time of a fire. Chemical engineers are particularly on the front. With the development of the new organic products, fire hazards are being met more often. Fire is a chemical reaction and very often extinguishment is a chemical problem.

Mechanical engineers design the pumps, compressors, pressure tanks, and other mechanical equipment which are necessary in modern fire protection equipment.

Prevention of fire and protection against its spread, besides being the proper community spirit, is good business. Interruption of work in continuous industrial processes is more costly now than in former years. The more responsible the engineer is in preventing fires the better engineer he is.

The Slipstick

Cleave to the slipstick; let the slapstick fly where it may.

Freshmen, even sophomores! Do you want them to laugh at you before you 'sit down'? Do you want to be the tenth one out of the 'nine out of ten' who don't have it? Do you want them to 'smell the difference'? You too can write the Slipstick! WE offer you the golden opportunity of making a success out of your college career. All you have to do is this:

1. Write a "Slipstick." Make it good like ours!
2. Drop it in the "contrib" box in the Main Lobby.
3. Paste on the upper right hand corner of your Slipstick a five cent piece or any accurately drawn facsimile.
4. The winner will be awarded a permanent position on the feature staff.
5. The loser will be awarded a permanent position on the "Sideline" staff.
6. The decision of the judges will be final. Our friend will win.
7. This is a real contest. We mean it.

1000 CHARTS--

PROF. EDW. M. NEALLEY OF SANTA ANA, J.C. HAS MADE UP 1000 LECTURE CHARTS DURING THE PAST 35 YEARS. HE HAS DIAGRAMMED OVER TWO MILES OF PAPER THREE FEET IN WIDTH!

COACH I CAN TALK, WHO, AFTER A LOSING SEASON, DIDN'T CLAIM HE WAS BUILDING CHARACTER!

HE SORE FINGER OF A PRINCETON PITCHER BACK IN 1874 STARTED THE DEVELOPMENT OF THE CURVE BALL. JOSEPH MANN, '76, NOTICED THE BALL BROKE INTO A CURVE WHEN HE LET IT ROLL OFF THE SORE FINGER. HE WORKED ON THE THEORY ALL WINTER AND THE FOLLOWING SPRING BLANKED YALE 3-0 IN THE FIRST NO-HIT, NO-RUN GAME ON RECORD!

Freshmen, meet the seniors of the hour—to be different. We do not want any of you to join any fraternity.

The doctor was visiting Rastus' wife to deliver her twelfth offspring. While riding along he saw a duck in the road.
 Doc.—Whose duck is that?
 Rastus—That ain't no duck. That's a stork with his legs wore off.

"And to think my mother took in washing to send me through college."
 "Did you do anything to help her?"
 "Yes, I sent home my laundry."

If you win the contest I bet you'll hope to write jokes as good as these.

I had to leave her
 And sent her flowers,
 She had hay-fever
 And wept for hours.

"Lips that touch wine shall never touch mine," declared a fair co-ed. And after she graduated she taught school for years and years and years—

Mountaineer (to baby son)—Ezry, quit pointin' that air gun at yore maw; hit mought go off and kill one o' them chickens she's playin' with.

"Do you want to be a Slipstick

Stooge for us? Enter the contest."

And then there's the poor Scotchman who sprained his ankle squeezing a tube of tooth-paste.

Woman (telephoning to desk clerk)—There's a rat in my room.
 Hotel Clerk—Make him come down and register!

Humph! An elephant-trainer! A small boy, eight, eyed a small spider.

"Daddy, do spiders bite?"
 "Very few in these parts do."
 "Not at all?"

"Well—they pinch anyhow."
 "No, sir, they don't pinch."
 "Don't they hurt you at all?"

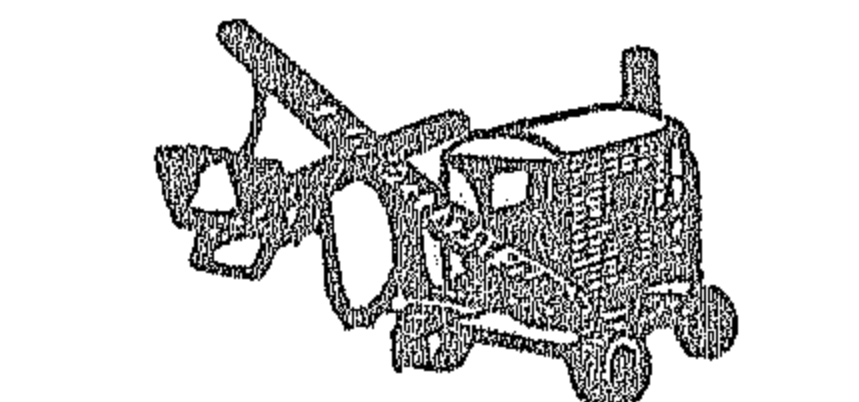
The little fellow fell silent for a moment, thoughtful, then ventured an expressive:
 "Well, anyway they scare hell out of you."

Angry Pop—What do you mean by bringing my daughter home at this hour of the morning?
 Soph—Have to be at school at eight.

Once I saw a maiden fair
 With lovely eyes and gorgeous hair.
 She let me kiss her as oft I'd dare—
 Women do anything when they're soused.

ME.

The Steam Shovel



STANISLAUS OSRI's girl friend gave him a pair of socks that she bet him he wouldn't wear. Did STANISLAUS wear them? Free socks . . . you bet!

JAROSLAV DANEK, tall, blond and freckled, is definitely in a quandary. Considering himself to be a fellow of infinite charm, and being in the midst of the engagement plague, he cannot quite make up his mind as to which of three girls he would care to beckon to his side. "Mickey, Mildred, Ruth. I don't know. They're all nice."

After Prof Peebles had estimated an answer, J. LEONHARDI stated it was wrong. After the thermo instructor spent ten minutes working out the problem long hand, LEONHARDI claimed he forgot to include another number into the process. (Slipsticks aren't wrong all the time.)

STUDENT MUSINGS

By William Laube

A freshman walked across the street; His green hat floated to his feet. A soph looked on—and grabbed his hair—
 The frosh walked on, but his pants stayed there.
 Wait! I almost left out something. After I read the third line I thought I heard a voice.
 "Forty!"

It was only faint, so it probably didn't mean anything. But there was something magical about it. As if in obedience to a medicine-man's call, the sidewalk around the frosh suddenly spat forth a crowd of laughing sophomores, and the little one vanished from my view. When I saw him again, it looked as if everything between his suit coat and his shoes had been replaced by an X-ray picture of what had been there.

Then suddenly I awoke. The scene gradually dissolved into the atmosphere, slowly precipitating me from it. Then I realized I was supposed to be taking notes on an economics lecture. Quickly my pencil flew back and forth on the paper. Then an economic problem puzzled me, just as the bell rang. After waiting, I gained a thorough explanation from the professor, which I had to digest, if it was to make sense. Then I realized that time flew, so I flew too—out of the door, with the problem on my mind where the green hat should have been, and my hands full of books.

Fraternity Pledge List

- | | | | | | | |
|--|--|---|---|---|--|---|
| DELTA TAU DELTA
Paul Adair, '41
Eugene Dailey, '41
Judson Doane, '41
Edward Floreen, '41
George Hamilton, '41
John Heiberg, '41
Keith Hoffman, '41
Donald Knief, '41
Harry Leave, '41
John LeVally, '41
Harry Lightstone, '41
Clarence Lindeman, '41
Howard Meyer, '41
Kenneth Myers, '41
Philip Shaffer, '41
Ralph Tullgren, '37
Charles Weber, '41 | Ronald Smith, '41
R. Grant Whitehead, '41 | PHI PI PHI
George Ellis, '41
Richard Larson, '41
Raymond Main, '41
William Plengey, '41
Wilson Plowman, '40
James Sassman, '41 | RHO DELTA RHO
Jack Aronow, '41
Myron Jackson, '40
Sanford Linick, '41
Ben Mandel, '40
Ernest Mandel, '40
Alan Mistrofsky, '41
Frank Nekimken, '40
Marshall Saltzman, '41
George Sorokin, '41
Leon Smith, '40
Leo Stoolman, '41
Jerome Teplitz, '41 | PHI KAPPA SIGMA
Earl Anderson, '40
Jack Clark, '40
Donald Crego, '41
James Crotty, '41
Thomas Cunningham, '38
Robert Ettinger, '41
George Gardis, '41
Robert Greenberg, '41
Robert Harmon, '41
Robert Hausske, Jr., '41
William Hoversen, '41
Paul Huesch, '40
Robert Lange, '41
Ben Lease, '39
Robert Lesak, '41
Bruce Olsen, '41
Charles Proctor, '41 | THETA XI
William Emmerich, '38
Richard Hruza, '41
William Wilson, Jr., '41 | TRIANGLE
John Dietrich, '40
Lehman Emmons, '41
Robert Graham, '41
George Hanna, '40
Robert McMahon, '41
Arne Swanson, '41
Robert Sweeney, '41 |
|--|--|---|---|---|--|---|
- Then my vision suddenly became realistic—
 And I was the freshman!
- Note: Pi Kappa Phi and Sigma Alpha Mu fraternities do not announce their pledges at this time.

JUDGE ROBBINS

SAY, JUST SMELL THE PIPE-SMOKE COMING OUT OF THAT CAR, ISN'T IT SWELL?

WHY DON'T YOU BOYS SMOKE FRAGRANT TOBACCO LIKE THAT?

WE WILL, AFTER I ASK—

OH! JOE, HE'S GOTTEN AWAY. MAYBE WE CAN CATCH UP WITH HIM AT THE NEXT TRAFFIC LIGHT

PARDON ME, SIR, WOULD YOU MIND TELLING WHAT BRAND OF TOBACCO YOU'RE SMOKING? IT SMELLS SO GOOD

AND IT TASTES GOOD TOO, SON. IT'S PRINCE ALBERT. YOU'LL FIND P.A. THE MILDEST, TASTIEST TOBACCO YOU EVER SMOKED

GEE, THIS P.A. SURE IS EASY ON THE TONGUE AND COOL ON THE DRAW

THE MAN AT THE STORE WHERE WE BOUGHT PRINCE ALBERT SAYS 'THE NO-BITE PROCESS' TAKES OUT HARSHNESS, AND THE CRIMP CUT MAKES IT BURN SLOW AND EASY

NOW I LOVE TO HAVE YOU SMOKE A PIPE

THERE'S A Milder Richer-Tasting TOBACCO FOR YOUR PIPE: IT'S PRINCE ALBERT. P.A. GIVES A SMOOTHER SMOKE, BECAUSE IT'S NO-BITE PROCESSED AND CRIMP CUT. YET P.A. HAS THE FULL BODY FOR REAL SMOKING SATISFACTION

SMOKE 20 FRAGRANT PIPEFULS of Prince Albert. If you don't find it the mildest, tastiest pipe tobacco you ever smoked, return the pocket tin with the rest of the tobacco in it to us at any time within a month from this date, and we will refund full purchase price, plus postage. (Signed) E. J. Reynolds Tobacco Company (Signed) Winston-Salem, North Carolina

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50 pipefuls of fragrant tobacco in every 2-oz. tin of Prince Albert

PRINCE ALBERT THE NATIONAL JOY SMOKE

Touchball Play Opened Monday

Eleven Teams Entered in Tournament

With the game scheduled between the junior civils and firemen yesterday, the annual fall touchball tourney got under way. Eight games have been put on the card for the week among the eleven teams which have entered so far.

Only One Frosh Team

Only one frosh team has signed up for the tourney, although this class has been granted the right to put as many teams on the field as it can muster. Teams will play in round robin fashion until they have suffered two losses, after which they must drop out.

Each fall touchball play has progressed and developed a better style of play. Teams have become more coordinated, and fancy plays have been the makings of many winning teams.

Chemicals Win

Two years ago, the junior chemicals smashed through to win all the games and the championship of the departments. Last year the same squad, under the heading of senior schmiers, again came through for the title, but found the competition tougher. A frosh team, under the heading of "Meteors," actually upset the champions, and gave them the only defeat in two years of play.

Frosh Split Up

This year the Meteors are split into departments, so the runner-ups of last year, now the senior mechs, will draw a large proportion of the attention in this season's play. This team fought last year's champs to a tie in the finals, but then yielded in overtime play.

Any team may do the surprising thing with some new dazzling system or exceptional power, much as the frosh did last year with their threat team.

This week's schedule:

- Yesterday
C.E. '39-F.P. '39. 10:30.
- Today
Ch.E. '40-E.E. '38. 1:10.
C.E. '38-"A" '41. 2:10.
- Wednesday
C.E. '38-F.P.E. '38. 2:10.
- Thursday
M.E. '38-F.P.E. '39. 10:30.
C.E. '40-E.E. '38. 2:10.
- Friday
Ch.E. '39-F.P.E. '40. 10:30.
"A" '41-Ch.E. '40. 2:10.

Time Trials To Be Held For Swimmers

In their second get-together of the current year, the Tech swimmers went through plans for the use of the Chicago pool during the coming season, and also discussed the coming time trials which have been scheduled to be run off in about three weeks.

This year's arrangements with the U. of C. make it possible for the Tech natators to have the use of the pool daily from 11:00 a.m. to 1:00 p.m. and from 2:00 to 5:00 p.m., with the exception of Monday, Wednesday, and Friday when the Armour men must be out by 4:00 o'clock to make way for the home team.

Wrestlers Look for Busy Season

If things work out according to the tentative schedule the Tech wrestlers will get a chance to test their mettle against a Big Ten team from Wisconsin, along with six other teams during the coming year. As usual their season will include matches with Morton, DeKalb, Wheaton, North Central, Illinois Normal, and Wright, making a grand total of fourteen meets over a period which begins on November 17 and should close sometime about the middle of March.

From all indications the coming year should be as successful if not more so than last year, since most of the team has returned and quite a likely bunch of recruits have appeared in the way of new material. Practice will be held, as has been mentioned previously, on every Monday, Wednesday, and Friday evening.



It looks as if this year's touchball tourney will be as much of a success as last year's was. Entries so far have reached the total of eleven which includes a full quota from every department except the mechanicals and the electricals, and one team from the freshman class.

Since it is not too late to enter we're still looking forward to seeing entries come in from the sophomore and junior chems and juicers, and also a few more from the class of '41.

From the amount of time put in in touchball practice during the past week, it looks as if the senior chems are in earnest about keeping the touchball championship in the chemical department. Last year's tourney was won by their predecessors, the chems of '37.

The tennis tourney in the past week has made progress by leaps and bounds, but all of the progress seems to be coming from the upper classmen's division. Come on frosh, don't let them get a head start on you.

As to the inquiries that have been going around of late about a bowling tournament in the near future, all that we can say is that all those that are interested should get in touch with Chelgren, intramural manager, who is open to any suggestions as to how and when of getting it started.

As has been the custom of the past years Tech men will again serve as ushers at the University of Chicago's football games during the coming season. So far some 40 men have signed up with Dunbar and have seen action in the Wisconsin game of last Saturday.

If all the plans of the wrestling team materialize, it looks as if Weissman's grunters are sure going

W. Krafft Resigns As Baseball Head

Culminating sixteen years of service as Director of Athletics at Armour, Coach W. C. Krafft has found it necessary to give up his regular coaching activities in favor of his business enterprises.

Krafft Enters in 1921

Coach Krafft came to Armour in 1921 from Waukegan Township High School. A graduate of North Central College of Naperville, he had attended the graduate coaching schools of the Universities of Illinois and Iowa. He was tremendously handicapped by deficient athletic equipment and accommodations, but during his sixteen seasons of baseball and basketball he turned out teams that made Armour a name respected among other schools for its good competition and fine sportsmanship.

Athletic Curriculum Grows

In addition to developing excellent teams, Krafft went much farther in building up the athletic department at Armour. New sports were introduced, and men with ability were selected to guide them. The entire athletic curriculum grew with him, and a number of improvements in coaching technique were introduced during his stay.

Last year Krafft found it necessary to drop the work of general athletic director at Armour, because of interference with his insurance business. However, he made it possible to remain as coach of his baseball squad. An appropriate finale to his last year here was the production of a Northern Illinois conference championship team.

Stenger to Coach Baseball

Coach Grant Stenger will take over managing the baseball team. His excellent showing as basketball coach and head of the athletic department, combined with the fine team of last season, sheds a rosy glow on the '38 diamond possibilities.

to have a busy year of it. Not being satisfied with ordinary college competition they have reached over into the Big Ten and sent a challenge to Wisconsin.

Football Makes Halfwits of Its Men, Says Scully

HALFBACKS BECOME HALFWITS

New York, Oct. 9.—Football makes addled-brained stumble-backs of its players. That is the indictment leveled today against the nation's leading amateur sport by Frank Scully, noted author, who attributes his invalidism to the drubbing he took in school competitions.

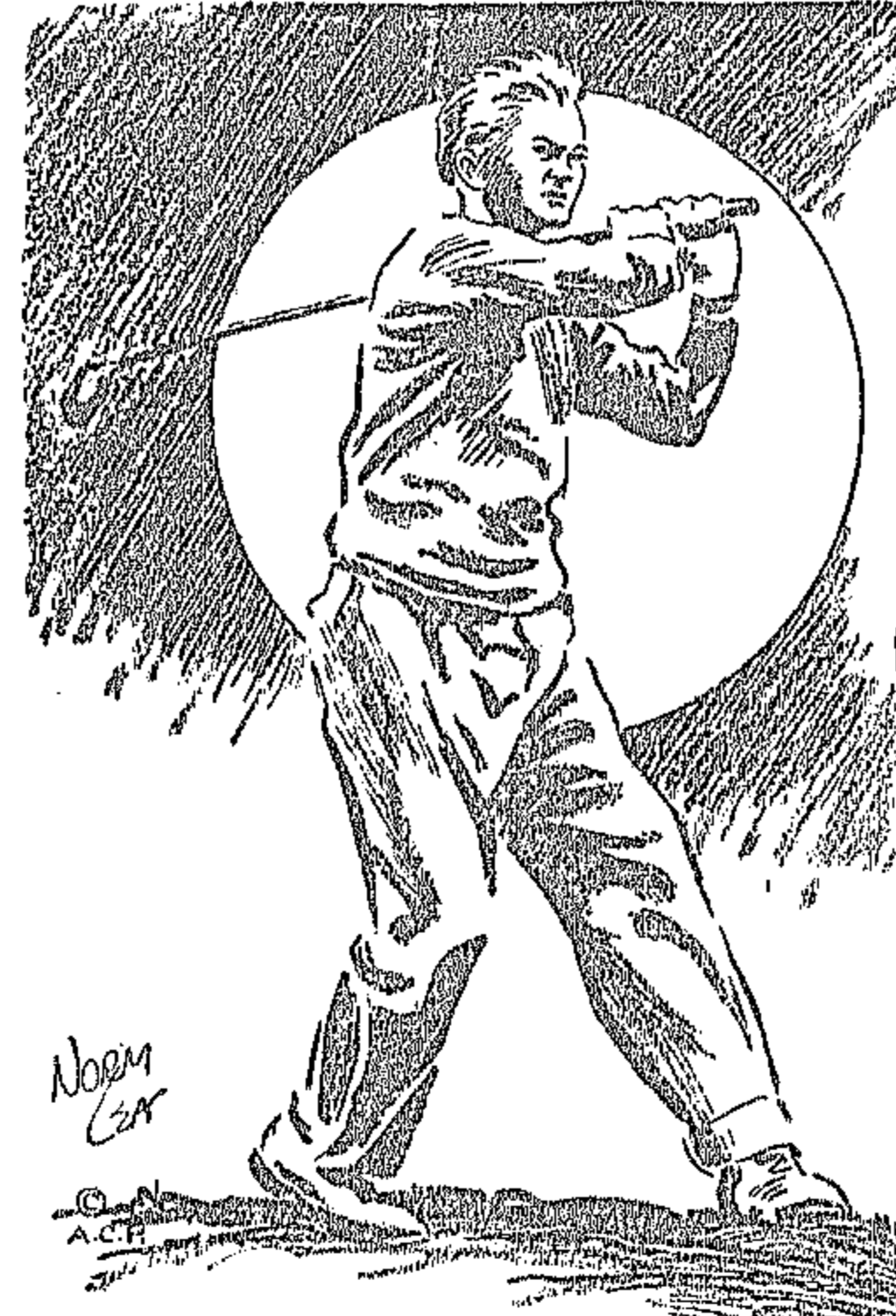
Reporting the results of a survey he made of the leading players of twenty years ago, Scully declares in the current Liberty magazine that many of these who weren't killed in the World War either died from tuberculosis or are now addled-brained dim wits.

Halfwits From Halfbacks
"After careful study I have come to the conclusion that you don't have to be a half-wit to be a half-back, but if you are a half-back long enough you will be," he writes.

Scully relates a meeting with Charlie Barrett, former all-American quarterback at Cornell and captain of the 1916 unbeaten team. Barrett was in the last stages of t.b. just before his death. "He told me," says Scully, "that six members of that championship 1916 squad has also broken down with t.b. Barrett's confession was the greatest mass indictment of varsity football I had run into up to that time."

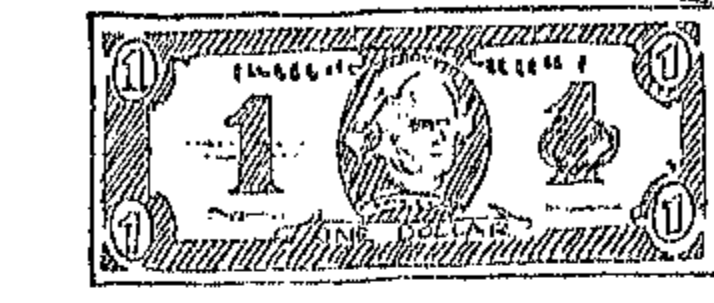
Constant Jarring Affects Brain

But, says the writer, their fate was less pitiful than others whose brains could not stand the constant vicious jarring. He relates the experience of one Coast championship team: "Of the three stars in the backfield, all named on one All-America team or another, subsequently one broke his neck in his last season and therefore missed his chance of becoming a complete stumble-back; the second ended his undergraduate days by walking on his heels; and third was so punch-drunk from too much football that he could see no way out except playing more football, either as a professional or as an assistant coach.

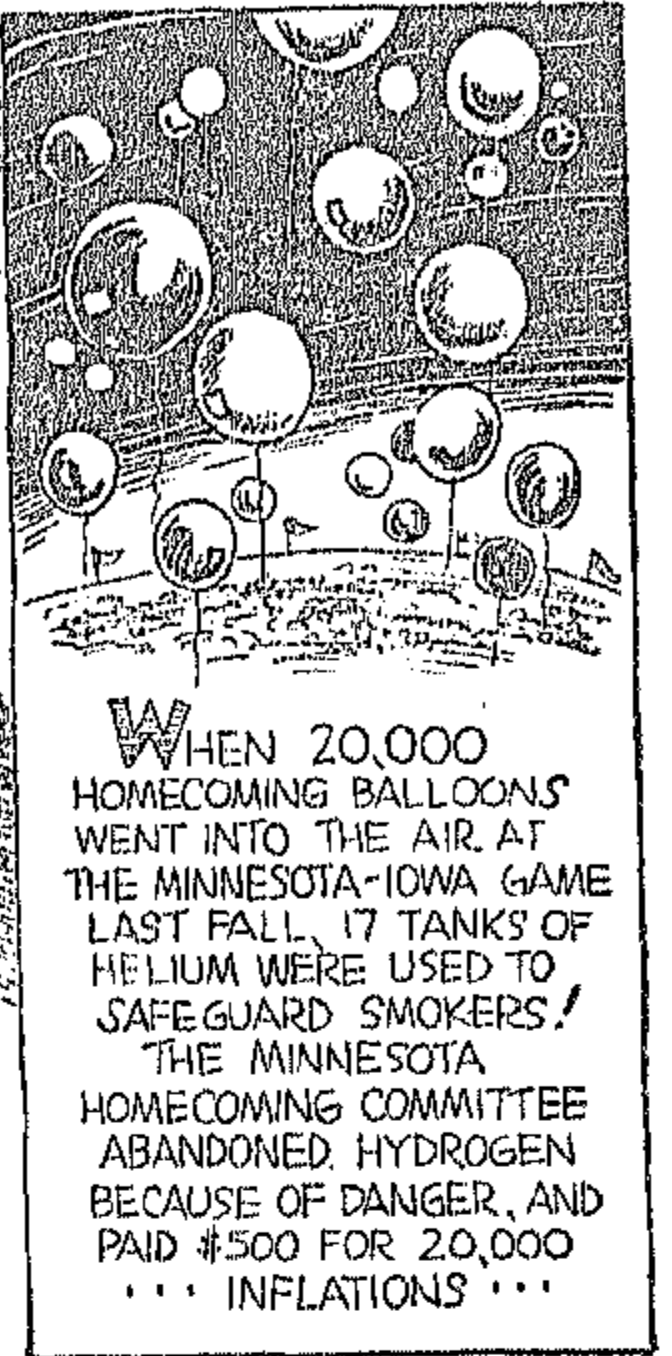


PHILLIPS FINLAY.
HARVARD, AVERAGED 290 YARDS ON 14 TEE SHOTS IN A ROUND AT PINEHURST, N.C. IN 1927!

THANKS TO ALL SPORTS RECORD BOOK.



HARVARD'S ENDOWMENT WOULD FURNISH EVERY MAN, WOMAN AND CHILD IN THE UNITED STATES WITH A ONE-DOLLAR BILL!



WHEN 20,000 HOMECOMING BALLOONS WENT INTO THE AIR AT THE MINNESOTA-IOWA GAME LAST FALL, 17 TANKS OF HELIUM WERE USED TO SAFEGUARD SMOKERS! THE MINNESOTA HOMECOMING COMMITTEE ABANDONED HYDROGEN BECAUSE OF DANGER, AND PAID \$500 FOR 20,000 INFLATIONS...

Tennis Tourney Gains Round Two

After two weeks of steady play, the large upperclass bracket of the tennis tourney has passed its halfway mark. Completion of the tourney looks optimistic since the entire first round, constituting over half the matches, have been run off.

Hunter and Marsch lead the play, the former defeating May and Schweitzer to reach the third round, and Marsch doing the same with a bye and a victory over Johnson. Unless cold weather sets in or too much attention is diverted to the touchball games, the play may reach the semi-finals by the end of this week.

The frosh have been less fortunate in running off their bracket, having played off only five games.

OXYGEN FOR MENTAL WORKERS

Minneapolis, Minn.—(ACP)—A new oxygen mask to protect mental workers from fatigue caused by thinking was described to the American Psychological Association by Dr. Arthur G. Bills of the University of Cincinnati.

Delivering to the breather a combination of about 50 per cent pure oxygen mixed with air, the mask's use cut in half the number of pauses per minute that come to persons doing brain work. These pauses are the result of mental fatigue — the brain taking a short rest.

The new oxygen mask is the final step in a series of experiments which appear to prove the theory that fatigue is not due so much to the brain becoming "tired" as to failure of the blood to supply all the oxygen the brain wanted. Dr. Bills has been testing this idea for several years.

"CAN PEOPLE APPRECIATE THE CHOICER TOBACCOS IN CAMELS?"
A QUESTION FREQUENTLY HEARD...
ANSWER:
THEY SMOKE MORE CAMELS THAN ANY OTHER CIGARETTE IN THE WORLD

"I'll line up 100% with Camels," says V. F. Gutendorf, class of '40. "Smoking Camels at mealtimes and afterwards gives me a mighty swell sense of well-being. Camels set me right!"

"Camels went 'round the world with me. I'll bet on them any time," "round-the-world" reporter, Miss Dorothy Kilgallen, says. "With Camels, steady smoking's a steady pleasure."

"I have a long record as a Camel smoker—I've smoked them for many years," Bill Tilden states. "Here's one big point about Camels—they're the cigarette that I've found doesn't upset my nerves."

"Camels go big out our way," says Charlie Belden, boss of the Pitchfork Ranch, Wyoming. "Cowboys like that 'lift' they get out of Camels."

"So many girls at college smoke Camels," says Miss Josephine O'Neill, co-ed. "Mental work often affects digestion. I find Camels make food seem twice as good."

The famous parachute jumper, Joa Crane, says: "I've smoked enough Camels to prove that they don't frazzle the nerves."

Men and women respond to the unadorned fact that costlier tobaccos play the most important part in making Camel Cigarettes milder and better

THE deeper you dig into the facts—the more you realize that real mildness and real flavor must be grown into cigarette tobaccos. Nothing man can do to inferior tobaccos can take the place of good tobaccos to start with. As you'd expect, naturally milder, better-tasting tobaccos cost more to buy. And Camel pays millions more year in and year out to get them. That's why Camels are different—why they appeal more to men and women in all walks of life—why they're the largest-selling cigarette in America...or in the world!

COSTLIER TOBACCOS IN A MATCHLESS BLEND Camels are a matchless blend of finer, MORE EXPENSIVE TOBACCOS—Turkish and Domestic. Skillful blending brings out the full flavor of these choice tobaccos.

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THE CAMEL CARAVAN
now on the air with a full-hour show!
Includes "Jack Oakie College" and Benny Goodman's "Swing School"! Sixty fast minutes of grand fun and music. Every Tuesday night at 9:30 pm E.S.T., 8:30 pm C.S.T., 7:30 pm M.S.T., 6:30 pm P.S.T., W.A.B.C.-CBS.

Sidelines

(Continued from page one)

tains, and that the new outer drive bridge is a modern wailing wall. We should feel fortunate that the Japanese do not like pineapples, or we might find ourselves defending Hawaii tomorrow morning."

I CAN nearly understand this last part of my friend's tirade; for in his talk the president made statements that unmistakably point to a complete reversal of our attitude toward the policies of certain other "militaristically aggressive" nations. What could have motivated our president to make such a speech? Is it possible that he wished to shunt our line of thought away from domestic problems? Can his statements carry much weight, since they have been so tardy in arriving?

True, the way is now paved for strengthened diplomatic relations between Great Britain, France, and the United States; but what effect will this have upon stopping Japan, Italy, and Germany now? Decisive action is our only solution. For too long now, the nations in which democracy flourishes have been "twelfth hour" nations. They allow themselves to be pushed too far before they protest. They cannot cope with those nations whose diplomatic policies are dictated by one man. Pacifists are really in a dilemma. How can peace be preserved in a world where hate is purposely incited and consequently flourishes freely, where inhumanity has reached a new high, where the sanctity of treaties is almost unheard of, or where international law is repeatedly violated?

CAN'T WE arouse ourselves to realize that unless we do something now besides fold our hands and survey the world situation that we are preparing the way to a great conflict, and that the more time we give Hitler and Mussolini, the stronger they will be? Then what will stop these two ambitious dictators?—only a war—in which the fascist nations will line up against those that will have clung to democracy.

Shall we shut our eyes to the lustful and inhuman aggression in which other nations are indulging so long as we are not attacked, or shall we take immediate steps to preserve the precious Democracy under which we now live?

Arx Plan to Celebrate Annual Dance Nov. 19

Bent on opening Armour's fall social season, the architectural society has announced the date of their annual Arx Dance to be November 19. Although the orchestra and dance site have not been selected as yet, those in charge of the affair are already considering a very swank location.

All efforts of this year's committee are being made to surpass the success of last year's Diana Bacchanale sponsored by the Arx. Definite details concerning the orchestra and location will be announced shortly.

Math Club

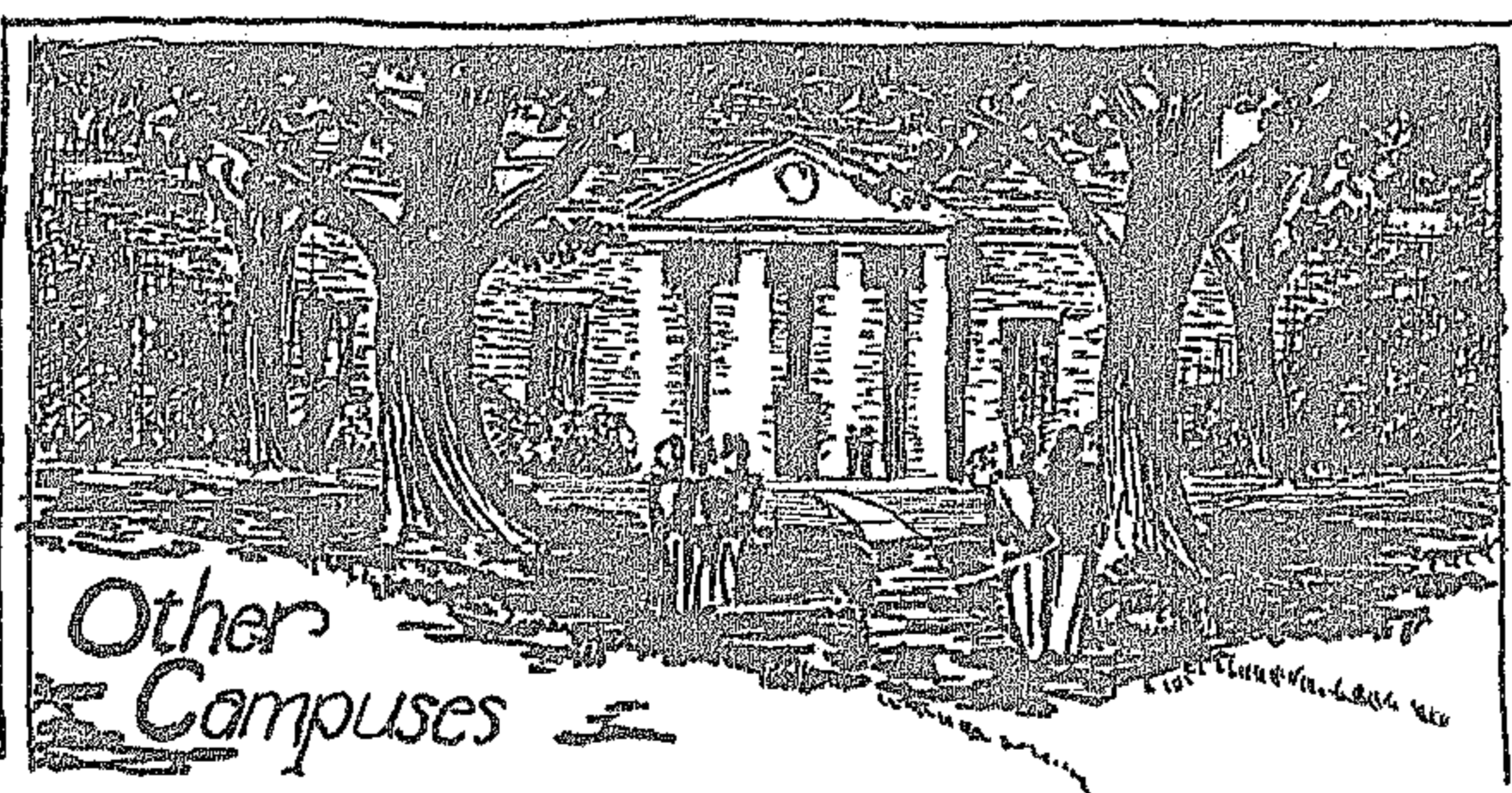
(Continued from page one)

calculations, various short cuts in mathematical processes, and uses of the slide rule.

The club itself will be organized on a membership basis. A small fee will be charged for membership, sufficient to cover the cost of the membership button. Several innovations are to be introduced. One of these will be the Problem Committee. Any person presenting a problem to this committee, which cannot be solved by them, will be awarded a prize. The demonstration of a great number of trick problems will be another new idea.

Once the club has become organized it is intended to form a nucleus for an association of mathematics clubs in the Chicago area. Contact will be made with the Universities of Northwestern, and Chicago, and a mutual exchange of speakers arranged.

That the mathematics department will take an active interest in this club is evidenced by Dr. Ford's statement: "The Mathematics Department assures the Math Club that it will stand firmly behind the objectives of this organization, and encourage the participation of the entire student body."



Indiana University is to establish a "Senior Walk" on the campus where "the presence of any organized freshmen on the walk would be considered "obnoxious" to organized upperclassmen." Any offender of the rule would receive "suitable" punishment. Peace on earth . . .

The youngest student at the University of Kansas is 14 year old John Ise, Jr., majoring in math. Intense concentration and the ability to read and comprehend a page at a glance enables him to enjoy hours of recreation and sports. At the age of 10 1/2 years he had a mental age of 19 1/2 years, tests proved.

A junior-journalism student at the University of Kentucky, Sid Buckley, proved to authorities that he had been born in Canada, never naturalized, and that, as a British subject, could not be forced to attend military drill. He was excused from drill but immediately receive a bill of \$65 for back tuition. Since the fees for non-citizens are higher, he had to pay \$104 extra for his four years at school. But then drilling is such a pain . . .

Knock! Knock! Who's there? Co-eds at Forest hall of Indiana University will no longer knock to gain admittance. The door is locked at 7 o'clock each evening and the co-eds and guests announce themselves by means of a two-way amplifying system.

Harvard University has solved the cribbing problem by seating students one seat apart during exams. Monitors accompany any student leaving the room during an exam. The "honor system" is employed by a university

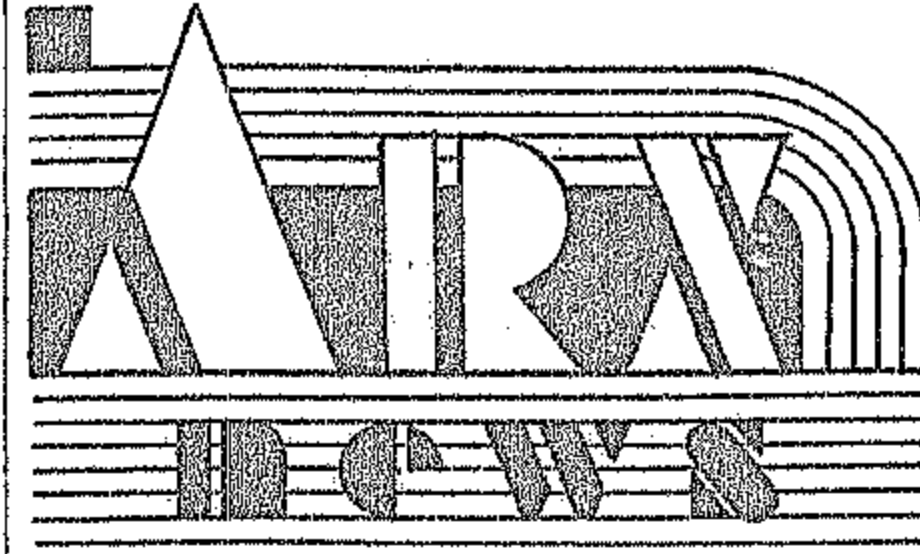
in Missouri. If a student sees another cheating, he stands up and announces it to the class. We prefer taking our quizzes quietly and sitting down . . .

"Collegiana" reports that an engineer at the University of Wisconsin has discovered a new method of generating heat and power. When 1,200 people dance in a ball-room enough heat is produced to warm a two-story house for two days in ordinary winter-weather. Enough energy is released to raise a five-ton elephant 32 miles in the air. "Tune in some swing, Mom, it's cold in here . . ."

Nude students riding up and down the main street of Golden, Colo. on an automobile running board shocked the entire community. They were taking part in freshman hazing activities of the Colorado School of Mines.

Mary had a little lamb, but Freddie Frosh had a cow that sent him through school . . . Several Eastern New Mexico Junior College boys bring Bossie down to the campus, and sell milk to pay expenses!

It is unethical to make a person with the mumps laugh—even though he is a professor. But members of a foreign language class at Crozer



This column's "advance information" spy has just discovered that school is about to begin—honestly!—then, riding on the wings of rumor comes the main reason for belonging to this department—The Arx Dance. The tentative date for this, the best (very) of the Armour social affairs, is Nov. 19 (other organizations please keep off). If last year's dance was a howling success, and it was, this year's will make a football cheer sound like chamber music—and that's being modest. A very different and swank location is being given the financial poor-mouth to make the dotted line signing a less fearsome proposition. As soon as all the arrangements are made you'll hear about them, and meanwhile . . .

"Kichy," of '37 (remember?) has a job down in Moline, Illinois, and strangely enough he is doing a little instruction in wash rendering on the side. We too recall his renderings. Long may he hold his edges.

Several freshmen failed to hold on to their trousers—again—in fact they didn't even resist, and handed them over of their own volition. Whither has flown the class spirit? Wagner immediately displayed great spirit however, and the new soph Massier and Sous-Massier, Sauermann and Erickson, caught the brunt of it.

Have you turned in any of your summer sketches for the Scarab Exhibit? . . . and so, a hop, sketch, and a jump until next week.

ART GUM.

Theological Seminary, Chester, Pennsylvania, did it so well that their swollen-cheeked instructor didn't mind it at all. They addressed the following letter written in Greek to Professor Morton Scott Enslin: "Our faces are great in length because thine is great in width. Return to us safely."

First Semester Enrollment, 1937-38

Course	Grad.	Sr.	Jr.	Soph.	Frosh	P.T.	Total
M.E.		47	48	86	98	7	286
E.E.	1	29	24	43	50	8	155
C.E.	4	18	17	24	23	6	92
Ch.E.	10	47	39	61	94	6	257
F.P.E.		12	12	18	16		58
Arch.		12	19	19	18	3	71
Sc.	2		3	4	6	1	16
Eng.					14	1	15
Total	17	165	162	255	319	32	950

This does not include 165 Co-op students.

Library Adds Fifty-three New Titles to Book List

In addition to the September accessions, the library staff has announced the arrival of a new shipment of books which will bring the total of new volumes up to 169. Of this sum, 53 are new titles. To enlarge the source of reading material, 300 magazines of both technical and popular nature have been placed on file.

A definite uptrend in the circulation of books has been reported by the librarians. About 240 reference books, 25 week-books, and 60 overnight books are being issued daily.

Books may be obtained from 8:30 a.m.-8:00 p.m. on Monday, Tuesday, Thursday, and Friday; from 8:30 a.m.-5:00 p.m. on Wednesday; and from 8:30 a.m.-12:00 noon on Saturday.

Forensic Engineers Take Public Speaking

This year's speech class should yield Patrick Henrys, Daniel Websters and Henry Clays along with a few John Calhouns for good measure. Mr. Fulghum, director of the public speaking course, revealed after consideration of students registered. He will teach strictly practical applications of public speaking, minimizing the theoretical aspects. The English department is sponsoring the public speaking course (English 305) and the class meets every Tuesday at 10:30 in the Assembly Hall. The present enrollment is twenty. Should any other engineers desire to improve their public speaking ability, additional classes of instruction may be organized.

REGISTRAR'S OFFICE ANNOUNCEMENTS Enrollment and program cards are now overdue. If there is any change in your city address, please notify the registrar. Please return all found articles to the registrar's office. Lost articles may be located there.

College Newsmen to Convene This Week

College newspaper staffs from all points in the United States will gather at the Medinah Club next Thursday, Friday, and Saturday to discuss mutual problems at an Associated Collegiate Press Convention.

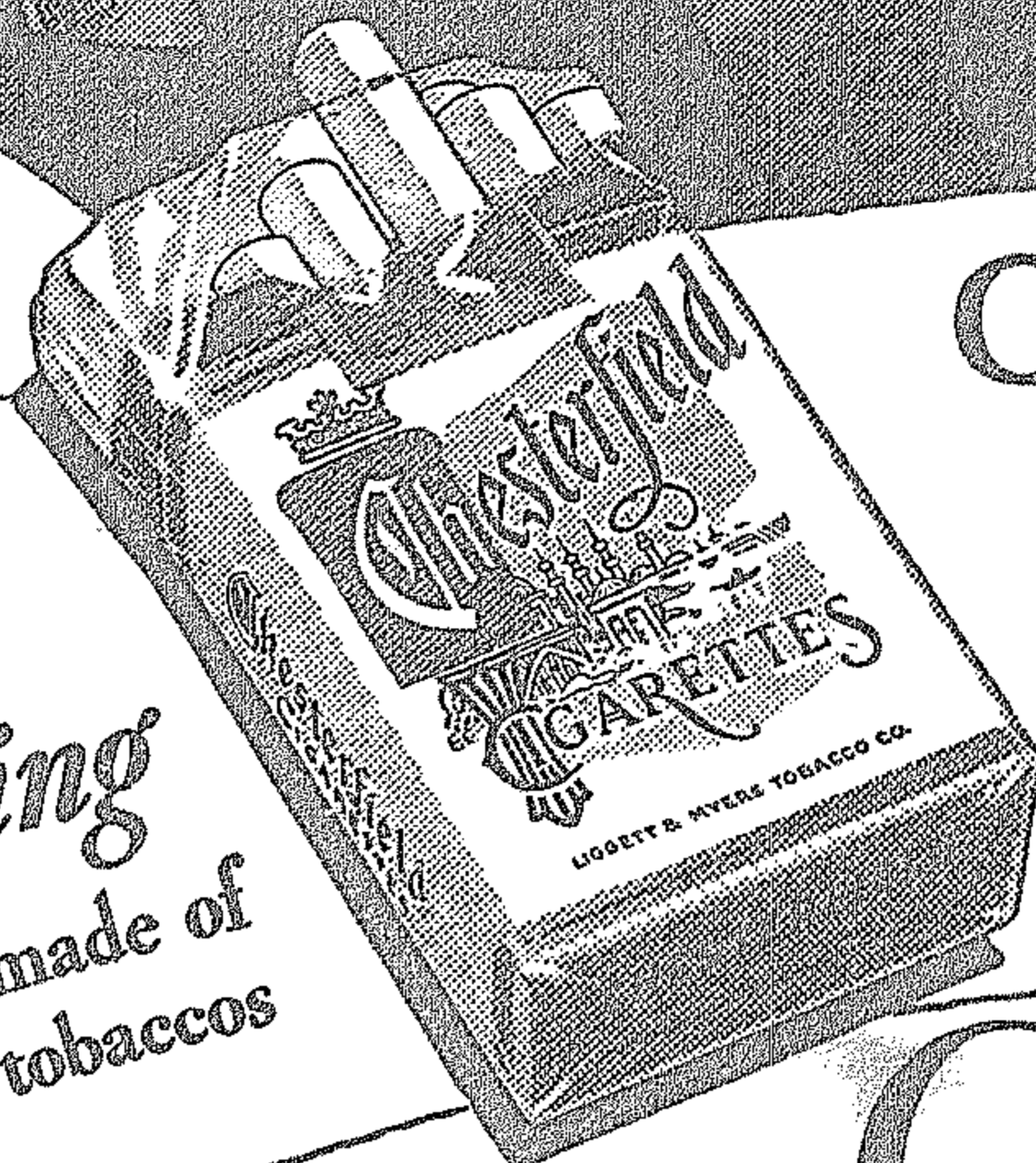
Delegates from the Tech News will attend the various newspaper round tables and listen to such prominent speakers as Henry Goddard Leach, editor of Forum Magazine, and Howard Vincent O'Brien, editorial columnist of the Chicago Daily News. Several News men plan to attend the banquet and dance Friday evening.

We know .. don't we

You bet we do



Milder Better Tasting ...because they're made of MILD RIPE tobaccos



Chesterfields go right along

with smokers...giving them the kind of a smoke they want...in the way they like it best.

Chesterfields are refreshingly milder—they've got a taste that smokers like. Chesterfields are different from all the rest...THEY SATISFY.

Chesterfield

... they'll give you MORE PLEASURE