



SIDELINES

By LEROY BECKMAN

DOWNSTATE, a little city called Peoria is rapidly shaping into widespread existence as a result of the present "wet" era. Peoria is to be the site of the largest distillery ever built in the world, a project in which there exists an investment of \$4,000,000. The distillery will require some 6,000,000 bushels of grain annually, it will require about 350 tons of coal per day, and bottles, boxes, and labels will be used by the millions. Over 1,000 workers will be employed and the establishment will pay into the Treasury of the United States, through collection of taxes, more than \$30,000,000 per year.

INTERPRETATION of the above will undoubtedly be along two lines. You, the student of engineering, and a number of other high minded individuals will interpret it in this manner: "Well, that initial expenditure of \$4,000,000 is a good way to start the circulation of money. That enormous amount of grain will sure help the farmer, and without a doubt, that coal consumption will assist the coal industry. Furthermore, I can see a vast application for machinery and a good remedy for the unemployment situation." You see that because you can think, you've faced problems before.

NOW TAKE the stew-bum down on the corner. What will he say? "Gosh, Joe, you know, they're buildin' an alky plant down the river. S'posed to be a purty big outfit. We oughta get the stuff for half-a-buck a pint, now." Of course somebody has to drink it and there is no reason why anybody be deprived of it, unless he tends to over-indulge.

WHEN YOU acknowledge the economical benefits, you are at the same time aware of the nature of the product, but you don't stress that point. You don't have to because the "bum" does a good job of it. Yours truly happened to be riding on the rear platform of a street car the other day, which upon stopping at 42nd street for passengers, picked up a "gentleman" who found it a little difficult to maintain a vertical position. After paying his fare the old boy said to the conductor, "Shay, I gotta get off at 60th street. Wake me up when we get there." Well, be that as it may, the next passenger to board the street car at 44th street, was another "gentleman" also tending to become horizontally established. After paying his fare, he said to the conductor, "Shay, guy, I want to get off at 47th street. Wake me when we get there." (They were both drunk).

WHEN CONDITIONS exist such as they tend to, with drunkenness and general nuisance of alcoholic beverages, it's not strange at all that a person with a slight trace of culture would suggest legislation of the type that prohibition laws represented. There are no two ways about it. If the necessary and desirable cultural traits are to be preserved, thought must be applied before hand. Your reputation, your success, depends on you every action. *Law does not forbid the use of liquors, but society forbids misuse of the same.*

A. I. Ch. E. Smoker Planned for Friday

Armour chapter of the American Institute of Chemical Engineers has mapped out a busy and interesting winter season. On Friday, December 29, at 8:00 p. m., a smoker will be held at the Truss club. Admission will be free for members; non-members will be charged twenty-five cents. Dr. G. J. Fink, of the National Aluminate Corporation, has been engaged to speak at the A. I. Ch. E. meeting of January 12. He will speak on the subject of the treatment and softening of water. The meeting of January 19 will feature Dr. C. C. Monrad, of the Standard Oil Company of Indiana, who will speak on "Heat Transfer."

FACULTY CLUB HAS GAY OLD TIME AT CHRISTMAS PARTY

Initiate New Members During Banquet In Lunchroom

SANTA GETS LETTERS

Ye Old Faculty Party was put over with a big bang under the worthy directions of Professor Moreton. There was never a lull in the doings; if they weren't eating, it was something else. The room was decorated with red and white crepe hanging from the lights. The school colors ran through the center of the entire table, which was in the shape of a U, the open end being to the north. In the center of the U was a table set for eight, on which was placed the Christmas tree representing the Yuletide spirit.

The party was opened with the singing of "My Country Tis of Thee" by the entire group after they had reached their appointed places. All the singing was directed by Mr. Erickson, the old maestro of musical leadership. While the first course was being served, Professor Winston recommended the initiates to the members, after which the group broke into the well known song, "Jingle Bells."

It was upon this scene that Santa Claus made his entrance, pushing something that was a garden hose reel, a few boxes, skis, awning and a rope about 3 inches in diameter, all thrown together to look like a well shaped junk cart. Santa Claus (otherwise known as Prof. Roesch) asked whether Blough, Cunningham, Dutton, Fulghum, Hillhouse, Laniger, Locking, and Olson were present. Incidentally they were present, and seated at the aforesaid table containing the Christmas tree. They were initiates recommended by Brother Winston. Before the party each man was asked to write a letter to Santa in care of the honorable Moreton. Santa had several of the initiates read their letters to the entire group. (If Prof. Blough got the present he requested, we may see him washing the Tech windows one of these days). Santa Claus then presented the initiates with some toys which delighted them immensely. Prof. Olson was seen carrying what looked like a woolly dog home to his family.

Mr. Erickson offered a prize to the (Continued on page 3)

Faculty Inspects Shops at Illinois

A faculty committee investigating the organization and the co-ordination of shop courses with the rest of the curriculum spent last Friday at the University of Illinois inspecting the arrangement of such shop courses at that institution.

The committee consisted of Professors Finnegan, chairman, Freeman, Heald, Huntley, and Tibbals. Professor Huntley was unable to make the trip, which came at the invitation of the dean of engineering at the state university.

Considerable attention has been devoted by the University of Illinois to the problem of shops. They have a foundry and a large machine shop but no wood working, forging or pipe fitting shops. They have an elaborate organization designed to coordinate the courses with the other parts of the engineering program.

This trip is a part of an elaborate investigation conducted by the faculty committee in the manner of treatment of shop courses by most of the engineering schools of the country. The purpose of the intensive investigation is the obtaining of data on which to base the decision as to the treatment of such courses at Armour. The committee spent the day in the department of mechanical engineering at the university, conferring with the dean of engineering and various members of the faculty.

There will be a meeting of the Board of Publications, Friday morning at 10:30 in the Tau Beta Pi rooms, first entrance, Chapin Hall. This is a very important meeting, since a great deal of business must be transacted before the Christmas holidays. All members are expected to be present.

Players Present Program Friday

The Armour Players made their season's debut last Friday by presenting "The Shepherds Play," directed by Professor Hendricks. The cast was as follows: Carl Shermer, first shepherd; Sydney Miner, second shepherd; John Graf, third shepherd; Sidney Kreiman, as Mak; William Emmerich, Mak's wife, Gill; Alex Kulpak, an angel; and Mrs. Hendricks, the Virgin Mary. This cast worked hard and long and its efforts were met with success.

However, those that worked equally hard and far into the wee hours of the morning of the day of the play were: Clarence Clarkson, production manager; Robert Schwartz, stage manager; Mike Pantone, assistant stage manager; Harold Ayer, John Brenner and Joe Kuppert, stage assistants, Richard Lischer and Wesley Wieting, scenery design; Hugh Bisbee and John Paslawski, lighting manager and assistant; Ernest and William Hoyer, properties. The publicity was handled by Diamond Dickey.

The play was a rewritten, old fashioned morality play which used to be put on many years ago by groups of actors that traveled from town to town and carried their own stage on a large wagon. All of these old plays had a moral behind them and the Virgin Mary was always depicted.

With success to spur them on, the Armour players are looking forward to another presentation to be put on this coming spring. The Players will hold a meeting tomorrow evening at five o'clock in Room C, Mission.

When Bigger and Better Ice Skates Are Made, Percival Will Test Them

By J. N. Weiland

The center of our solar system, the morning after Christmas, was, in its usual manner and from its usual position 93,000,000 miles away, emitting radiations with a velocity of 30,000,000,000 cm. per second, announcing the commencement of a new mean solar (as distinguished from sidereal) day.

Our hero, Percival Aloysius Algeron Smythe, awakened by the impact of varied and assorted quanta (from the Greek, "quanta," meaning quanta) upon his eyelids, proceeded to invest himself with suitable garments for the initial trial of a new possession, objects known to the hoi-polloi as ice-skates.

Percival was not completely satisfied as to the quality of the carbon steel comprising the runners (analysis upon request. Please enclose stamped, self-addressed envelope) but, being aware of the old adage "Gaze not upon the dental appendages situated in the oral cavity of a specimen of equus caballus received without the payment of valuable consideration," he had resolved to lodge no complaint.

Upon arriving at a location which had previously been inundated by a division of the Conflagration Department with liquid hydrogen oxide, he removed his foot-gear and substituted in their stead the articles to be tested.

Our hero, more or less unconsciously, then proceeded to demonstrate the following scientific facts:

1. The coefficient of friction between steel and the solid resulting from the loss of 80 calories per gram at 0°C of an above-mentioned fluid, is very, very minute.

Elect Alumni to Institute Board

Plan Regular Graduate Representation

Ballots for the election of three men to the Board of Trustees of Armour Institute were mailed yesterday to members of the Alumni Association. The candidates were Alfred L. Eustice, Edwin O. Griffenhagen, and Howard L. Krum. The returned ballots are to be counted next Monday.

These men are not replacing any of the other members of the board but are to fill newly created offices. It is planned that each year one man will be elected to the board by the Alumni Association, replacing one of the previous alumni representatives. To set this plan in action, one of the three candidates is to be elected for a three year term, one to a two year term, and one to a single year term. In succeeding years, the Alumni representatives will fill three year terms.

Mr. Eustice received his B.S. degree at Armour in 1907 and returned to receive his E.E. degree in 1910. At present he is president of the Economy Fuse and Manufacturing Company of Chicago.

Mr. Griffenhagen received his B.S. degree at Armour in 1906 and his C.E. degree in 1909. He is a senior partner of Edwin O. Griffenhagen and Associates of Chicago, management engineers and specialists in administration and finance. Major projects undertaken by his organization since it was formed in 1911 have been a reorganization of the Canadian government (1918-1921) and a study of the work and pay of the United States government, leading to revisions in the basis of compensation and in budgetary procedure (1920).

Mr. Krum received his B.S. degree in 1906 and his E.E. degree in 1911. He is vice-president of the Teletype Company of Chicago. In June 1933, he received the Armour Alumni Association Distinguished Service Award for his work in the development of instruments made by the Teletype Company.

Because of the two weeks' holiday which extends from December 23 to January 8, the next issue of the Armour Tech News will be distributed on Tuesday, January 16. The News wishes to extend its wishes for a pleasant holiday season.

Pick Midland Club for Junior Dance

Plans for the Junior Informal dance to be held January 19, 1934 are being made by members of the social committee composed of a member of each department and headed by N. Maurer.

No selection of an orchestra has been made as yet due to the large list of good orchestras being considered. However, Charlie Straight and his orchestra are being seriously thought of as the dance orchestra to be selected.

It was decided at a meeting held by the group that the dance will be held at the Midland Club located at 172 W. Adams street. The Midland Club has a fine ballroom and a spacious lounge room in connection with it.

Considerable discussion has taken place regarding the price of the bids for the dance but it has not been decided what the bids will sell for.

The social committee is also looking forward and discussing the Junior Formal dance to be held during Junior Week, next semester.

A.S.M.E. Members to See Motion Pictures

"Flight Across America" will be the title of the moving pictures to be shown this Friday in Science Hall under the auspices of the Armour Branch of the American Society of Mechanical Engineers. The film is the property of the United Air Lines, and was secured through the efforts of R. R. Leonard, secretary of the middle western section of the A. S. M. E.

For the meeting of the Friday following the students' return from the Christmas holidays, January 12, more motion pictures will be shown. The subject will concern the manufacture of wrought iron pipe, and the film was obtained through the influence of Professor Libby. The movies shown at both these meetings should be of unusual interest, and all junior and senior mechanicals are urged to attend. All other students are likewise cordially invited.

Honorary Banquet To Be At Medinah

Edgar S. Nethercut To Be Speaker

The members of the various honorary fraternities will meet tomorrow for their annual banquet, to be held at 6:30 at the Medinah Athletic Club. The Interhonorary Banquet is held every fall to give the newly initiated members an opportunity to become better acquainted with the honor men of the other departments.

The principle guest will be Edgar S. Nethercut, executive secretary of the Western Society of Engineers. In this capacity Mr. Nethercut is in immediate contact with all types of engineering and knows all the developments and problems in the engineering field today. Dean Heald is toastmaster and President Hotchkiss and Dean Penn will give short talks. The speakers' table will also seat the presidents of the honoraries who will introduce their fall initiates to the assemblage.

The Interhonorary Council gives two affairs every year, the banquet in the fall and a dance in the spring. Attendance at both of these affairs is restricted to members of the honoraries.

The Medinah Athletic Club is located directly north of the Tribune Tower at 505 N. Michigan Blvd.

ORCHESTRA, GLEE CLUB TO PRESENT ANNUAL PROGRAM

Christmas Concert To Be Thursday At Ten-thirty

PARENTS ARE INVITED

The annual Christmas concert given by the Armour Tech Musical Clubs is to be presented next Thursday morning at ten-thirty in the assembly hall. Special rehearsals are being held by the orchestra and glee club in preparation for this event. Faculty members, students, and their friends are invited.

Hold Special Rehearsals

Among the selections which the orchestra may present in the one-hour program are "Lustspiel Overture" by Kela Bela, "Thine Alone" by Victor Herbert, "Song of the Bayou" by Aube Bloom, "Prelude in G Minor" by Rachmaninoff, and "In a Persian Market" by Ketalbey.

The Glee Club has in its repertoire "Home on the Range" by Gulon-Reigger, "Viking Song" by Cole-ridge-Taylor, and "I Love Life" by Zucca.

Glee Club, Orchestra to Unite

The two musical organizations may unite in several selections, such as the stirring "Your Land and My Land" from Sigmund Romberg's "My Maryland," or swinging rhythm of "Marching Along Together" by Pola and Steininger. Robert Dalton will be accompanied by the orchestra in the strains of "The Last Round-Up," from the recent Broadway success, the new Ziegfeld Follies.

The exact program was in doubt at press time but the numbers will be of the type suggested by the above titles. Printed programs will be available.

Postpone Kankakee Trip

In addition to the student and faculty attendance, made possible by the cancellation of all classes Thursday at ten-thirty, friends and relatives of the Armour students are invited to attend. No admission is charged.

The Musical Club concert at Kankakee, which was to have been held last Friday after being postponed from December 8, has again been postponed. This time it is planned for the middle of January. The Kankakee Alumni Association, sponsors of the evening's program, discovered that several other local affairs would interfere and so asked for a change in date. Mr. Erickson, director of the musical clubs, assented on the grounds that the additional preparation for the home concert, Thursday, would be of value in preparing for the Kankakee concert.

First Senior Jackets Expected Wednesday

The first shipment of senior jackets is expected to be delivered at school by tomorrow. About forty seniors, who were the first to place their orders, will get their jackets as soon as the shipment arrives. The balance of the price of the jackets is to be collected at the time of delivery.

A total of a hundred or more jackets will be sold this year according to the estimate made by Steve Lillis, jacket committee chairman.

Mr. Dobson, representative of the tailoring firm, will be at the Institute Wednesday and Thursday of this week to give out the jackets that have already been made and to take orders and measurements for more. A deposit should accompany the order. Those who wish to order their jackets during the holidays may do so at the office of the Supreme Merchant Tailors at 30 N. Clark St.

A sample jacket has been on display in the case on the first floor of the Main building so that those interested have been able to get a good idea of the appearance of the jacket.

Compton Speaks on Cosmic Rays

Sponsored by the Geographic Society of Chicago, an illustrated lecture was submitted last Tuesday evening in Orchestra Hall by Professor Arthur H. Compton.

Michelson Finds Theory

Theory connected with, and the idea as a whole of cosmic rays were first established by Professor Michelson. His theory asserts that hydrogen atoms in space combine to form helium and other elements, and that the energy used in this process is given off in the form of rays.

As Professor Compton said, the first question asked will undoubtedly be, "What are cosmic rays?" The speaker explained that because of the existing early stages of the matter, the answer to this question would have to be based on one of the many theories set forth.

World-wide Data Taken

The travels of the Compton expedition began in Chicago and went to the Alps in Switzerland. Returning to Chicago, the instruments used for recording were checked and improved.

Professor Compton's expedition continued its work by traveling to Hawaii where data was recorded from the sea shore to the highest mountains. It was pointed out that the difficulties encountered existed in the safe transportation of the delicate instruments.

Arctic Circle Visited

The dominion of New Zealand was visited and three days were spent there—recording data established by the expedition and the University of New Zealand.

Leaving South America, the Compton expedition travelled to Mexico and thence to the Arctic Circle where the resulting data brought forth the fact that cosmic rays are more concentrated at the poles than at the equator.

Early Fire Fighting Equipment Exhibited

Mr. Charles R. Tuttle, a member of the board of trustees and manager of The Insurance Company of North America, has extended an invitation to Armour students and members of the faculty to visit an exhibit of early American volunteer fire-fighting equipment on display at the offices of his company.

Male students at Boston College have asked the coeds who are lonesome to wear red dresses. This was done so that the students would be able to get a partner when they wanted to go out.

FACULTY CLUB HAS GAY OLD TIME AT CHRISTMAS PARTY

(Continued from page 1)

group that could sing the best. The group supported by that well-known personage, President Hotchkiss, won the sing. The prize, a huge cake, was presented to the president as a representative of that group, and he was requested to cut the cake open.

The faculty was favored by a number of selections sung by Miss Lola Fletcher, an excellent soprano. Among her selections were "I Love Life," "Ah, Sweet Mystery of Life" and "Love's Philosophy."

Dr. Hotchkiss was asked to introduce the trustees that were present, who were Mr. Cunningham, Mr. Harper, Mr. Henne, Mr. Monroe, Prof. Schommer, Mr. Tuttle and Mr. Wiles.

President Emeritus Raymond, who was especially invited to the party, was unable to get there and sent a letter of thanks and regret, which was read by Dean Penn.

Mr. Cunningham was called upon to give a short talk. He said that business was not picking up yet, but expected it to do so soon.

Prof. Schommer was called upon to speak, and among the important things said was the mention of the Armour Relays to be held March 17 and the urging of all the faculty members to support the track team.

A ring was set up and the wrestling match was on. Talaber pinned Summer with a half nelson and crotch hold in seven and a half minutes. The boys were very active during the whole fight to the complete amusement and enjoyment of the trustees and faculty.

The boxing match between Graham and Way was a fast bout. There were a number of clinches, but these by no means overshadowed the fight.

Prof. Moreton indicated that the match was the last thing on the program and the party broke up. The trustees and faculty began wending their way homeward after one hilarious evening.

THE CAMPUS PEST

A biological definition of a parasite is "a plant or animal living in, on, or with some other living organism (called its host) at whose expense it obtains food, shelter, or some other advantages."

Such students may be found getting their daily lessons from someone who has spent time preparing them. Of course, these college parasites spend time in copying from their hosts, but even a flea uses a little effort in clinging to the warm body of the dog.

Parasites may be divided into two general classes, external and internal. While most college parasites can be classed under the former type, a few of them succeed at times to get under a person's hide.

Although the plant and animal parasites have it over their more intellectual cousins of the college type in that they cause death in some cases, the campus pests are rapidly closing the gap that separates them from the leaders.

A dog has no love for fleas. No human being enjoys a mosquito, and the popularity of these social parasites on the campus is nearing the degree of negative infinity.—Daily Kansan.

Fraternity Notes

PHI KAPPA SIGMA

Alpha Epsilon chapter takes pleasure in announcing the results of the semi-annual election of officers, held Tuesday, December 11: president, L. W. Biegler; vice-president, R. P. Dobson; treasurer, D. L. Jacobson; corresponding secretary, W. H. Fogle; social chairman, W. C. McCarty.

An alumni smoker was held at the chapter house Thursday night, December 14. The result, in spite of the bad weather, was a very good turnout. Brother Arch Jackson president of the Grand chapter, and Brothers Erickson and Schommer were among the old timers present.

Most of the active members and pledges are planning to attend the annual Christmas Formal to be held at our chapter house at Northwestern University on Friday, December 22.

DELTA TAU DELTA

The annual Pledge Dance was held Saturday, December 2. In spite of the rain a large number attended and all had a good time.

Last Sunday the December meeting of the Mother's Club was held. The mothers are showing excellent cooperation again this year and hope to accomplish a great deal.

Basketball has been very successful this year. Two victories assure us of a place in the final round. The boys have worked hard this year and deserve their success.

TRIANGLE

Last Friday evening many of our alumni attended a smoker at the house. This smoker is the first of a series, each of which will consist of the members of four preceding years.

Our first victory in basketball was somewhat counter balanced by the defeat which we got last Thursday. Five fellows have been out to track practice from the house. We are anticipating some stiff competition in the defense of our track cup so we have started to practice early.

PHI PI PHI

Gamma chapter of Phi Pi Phi extends a Merry Christmas and a very Happy New Year to all.

The New Year's party will be held at the chapter house on New Year's eve, and the Father and Sons Banquet will be held on Thursday, January 11 at the chapter house.

RHO DELTA RHO

Preparations for the Christmas Eve party are rolling right ahead.

Extract From the Lovely Letters Received by a Bearded Old Man

Editor's note: This missive was intended for our good friend, Mr. Claus, but after the Faculty party and initiation the other night, some alert snooper swiped it and here it is.

Dear Santa Claus:

I take my Penn in hand to write you a letter. It will have to be done hurriedly, so I hope that you can read it.

My pets have been considerable bother lately. The goldfish is looking quite Haggard; he caught his Fin-negan and tore a Nash in it. Although it is nearly Heuld by now, he is content to rest on the Peebles in the bottom of his tank.

We are living in a new residence. As you know I have never cared for Holmes on the Leigh but have always wanted a Hillhouse and at last I have it.

As you no Doubt know I now Teach at Armour Institute. The dollars and cEnts that I get from following my Kraft are better than Amshurged in sweet charity. At work one is required to wear his best

Delts and Phi Pi's in Cage Tourney Finals

Phi Pi Phi with its usual aggressiveness romped over Phi Kappa Sigma by a score of 34-14. Although several of these baskets were somewhat unearned, the superiority of Phi Pi Phi's team was evident throughout the game.

BOX SCORE

Table with 2 columns: Player Name, B. F. P. Scores for Melinowski, Steochli, Shukas, Forberg, Merz, Heike, Gagliardo, Sramek, Winkler, Castanes, Totals, and PHI KAPPA SIGMA scores.

Delta Nose Out Triangle

The Delta-Triangle game resulted in the second victory for the Delts. The game was marked by roughness and proved exciting in the last half. Trailing 13 to 6 at the end of the first half, the Delts tied the score and went ahead.

Table with 2 columns: Player Name, B. F. P. Scores for Streb, Doane, Gallagher, Amory, McAuliffe, Baeci, Totals, and TRIANGLE scores.

Table with 2 columns: Player Name, B. F. P. Scores for Thompson, Kraft, Vanderkloot, Lillis, Cohrs, McBrady, Lyford, Totals, and TRIANGLE scores.

The social committee has added a little variety to the ordinary order by arranging for a Buster Keaton movie to be shown.

Cinder Stars, to Open Season In Class Meet

Armour Tech's track season will be officially opened the first week of school after the rapidly approaching holiday vacation. The occasion will be the Interclass Track Meet on Saturday, January 13, in the University of Chicago Fieldhouse.

This year, as usual, the meet will probably be a close one since all track lettermen are allowed to participate in one event and the relay. Both the present Senior and Junior classes have a good chance at winning with the Freshmen as the dark horse, although if some of the rumors which are circulating around the campus are correct, the Freshmen have an excellent chance at the title, also.

TRACK SCHEDULE ANNOUNCED

The veterans of the Techawk track team will have an opportunity to stretch their legs in the Interclass Track Meet in preparation for the indoor track schedule which is practically complete.

INDOOR TRACK SCHEDULE

- January 13—Interclass Track Meet. February 10—Armour Tech vs. University of Chicago at Chicago. February 16—Armour Tech vs. Loyola at Loyola. March 2—Armour Tech vs. North Central at Armour. March 9-10—Central Intercollegiate Meet at Notre Dame. March 16—Central A. A. U. at University of Chicago Fieldhouse. March 17—Armour Tech Relays. March 24—Butler Relays, at Butler University, Indianapolis, Indiana. April 7—Armour Tech. vs. Elmhurst at Armour.

OUTDOOR TRACK SCHEDULE

- April 28—Armour Tech vs. George Williams College at Armour. May 5—Armour Tech vs. Bradley Tech at Peoria. May 9—Armour Tech vs. Loyola at Armour. May 12—Armour Tech vs. Elmhurst at Elmhurst.

COLLEGE MEN ARE IN EXCESS CLAIMS UNIVERSITY PREXY

"There is at present a surplus and uneconomical excess of college men," said President Baker of the Carnegie Institute of Technology recently over a nation wide radio hook-up on the question, "Do Too Many Men Go to College?"

Of course, the class of '36 could never be content with a black jacket, so it looks like a maroon coat will be the choice. It is entirely possible that the sophs might select a snappy cardinal as their color. Gold chenille monograms will provide the finish and identification.

Material Is Heavy

The committee, hearing a desire for a practical garment at a practical price, has agreed on a durable grade of melton, a high class garment textile. It will be heavy enough to outwear the class of '36.

Make Choice This Week

With the support of the class insured, the committee hopes to close the issue early this week. Many companies have offered bids, and when the last is heard from, the class can rest assured that they are receiving the utmost in cut, cost, color, and quality.

TECH BASKETBALL

TEAM FACES FIVE

HOLIDAY GAMES

Vacation Means No Rest For Busy Techawk Quintet

PLAY ALUMNI TONIGHT

Before the next edition of the News the Armour Tech basketekers will have played five games. The Alumni game will be held at the Armory this afternoon followed by a contest with Chicago Normal Thursday.

Beat North Central! Thursday, Chicago Normal is scheduled to oppose the Techmen in a game to be played in the Armory. The Techawk team, however, has its attention attracted by the impending game with the sharpshooters from North Central.

Play Augustana

Augustana will be met by the Techmen at Rock Island, Illinois, on January 13. The Augustana team, although it has beaten several small colleges rather decisively, presents itself as a "dark horse" opponent.

Plans for Soph Coat Materialize These obstreperous sophomores, who recently broke into print with their jacket idea, are actually serious.

These obstreperous sophomores, who recently broke into print with their jacket idea, are actually serious. After a lull of a few weeks, the committee has turned up for air, and they turn up with results.

Plans for Soph Coat Materialize

These obstreperous sophomores, who recently broke into print with their jacket idea, are actually serious. After a lull of a few weeks, the committee has turned up for air, and they turn up with results.

Of course, the class of '36 could never be content with a black jacket, so it looks like a maroon coat will be the choice. It is entirely possible that the sophs might select a snappy cardinal as their color.

Make Choice This Week

With the support of the class insured, the committee hopes to close the issue early this week. Many companies have offered bids, and when the last is heard from, the class can rest assured that they are receiving the utmost in cut, cost, color, and quality.

We may expect to find, therefore, more men occupying high positions as administrators of great concerns who have had a technical education.

NAPERVILLE TEAM DEFEATS ARMOUR TECH BASKETEERS

Techmen Meet First Defeat of Season

North Central Wins 32-26

A fighting Techhawk five, under the baleful eye of the renowned "North Central jinx" dropped a hard fought game to the Naperville quintet by a score of 32-26 last Wednesday night on their opponent's floor. Yuknis, big North Central forward was the high point man of the game scoring 10 points with "Springs" Christoph, Tech forward, a close second with 9 markers. Except for the first few minutes of the game in which Armour jumped to a 6-2 lead, the home team led throughout the contest. The Naperville sharpshooters would not be denied and early in the second half built up a 29-15 lead which later proved to be just enough to win. The Kraftmen put on a determined rally near the close of the game that brought the Tech total to 26 points and caused the North Central squad no little anxiety.

Techawks Start Fast

Al Lauchiskis started the fireworks by tapping the opening tipoff to "Pop" Warner, who quickly advanced the ball into opponent's territory. After a few preliminary maneuvers Capt. Pflum started a fast breaking offensive that finally enabled Gene Heike, pivot man on the play to sink the ball through the rim on a pretty over-shoulder shot. On the next play the Naperville five gained possession of the ball and tied up the score on a short shot by Spiegler.

A bucket by Christoph and free throws by Heike and "Christy" ran the total up to 6-2 in favor of Armour before the North Central squad got going. Unleashing a flashy attack that brought a flurry of baskets through the execution of some of the finest block-plays seen in the Middle West, the North Central basketeers quickly tied the score and gained an 18-14 advantage at the end of the first half.

North Central Increases Lead

Starting the second half the "big red jinx" continued to find the hoop from all parts of the floor with every man on the team sharing in the attack. Many a potential Techhawk score was stopped when a Naperville guard would intercept a pass midst a fast breaking offensive. Midway through the final period the home quintet were the proud possessors of a one-sided 29-15 score.

At this stage of the game the Engineers, unable to stop the vaunted North Central attack, showed their fighting spirit and pluck by starting an offensive drive that outscored the North Central sharpshooters to such an extent that a margin of two baskets and two gratis tosses separated the teams at the final gun. Unable to sink the penalty shots the Techawks headed by Christoph and Heike started to push in the ball from all angles during the many wild melees under the basket. Just before the close of the game the score stood 30-26, North Central. The final basket by Spiegler enabled the home spectators to breathe a little more freely just as the gun sounded.

BOX SCORE

NORTH CENTRAL—32 B. F. P.				
Young, g.	1	0	4	
Yuknis, f.	4	2	2	
Dillon, c.	4	1	1	
Berry, f.	1	0	2	
Spiegler, g.	3	1	0	
Shoop, c.	1	0	1	
Bleck, g.	0	0	1	
Shiffler, f.	0	0	0	
Smith, g.	0	0	0	
Bichoff, f.	0	0	0	
Totals	14	4	11	
ARMOUR—26 B. F. P.				
Christoph, f.	4	1	0	
Heike, f.	3	1	2	
Warner, g.	2	0	3	
Dollenmaier, g.	2	0	1	
Lauchiskis, c.	1	0	3	
Pflum, g.	0	0	1	
Merz, c.	0	0	1	
Lukas, g.	0	0	0	
Totals	12	2	11	

Referee — Glick. Umpire — Osborne.



By Ray Fleissner

The beating at the hands of North Central last week was more than just another defeat. It was the third straight victory for the Naperville team over the Techawks, thus leaving another day for some Tech team to defeat the North Central jinx.

Having won the last five games on the 1932-33 schedule and the first two on the present run, a victory over North Central would have been the eighth straight win, with a clear chance for several more before another tough team was encountered. Now we'll have to start all over again. Reports have it that the North Central game was a loose, sluggish contest on the part of both teams. A greater number of fouls was called on the Naperville players, but the Hawks refused to profit, and did not sink their usual percentage of free throws.

Play Alumni and Chicago Normal This Week

The opponents this week are the Alumni, who are being gathered together by Otto Kuehn, and the Chicago Normal team, which has won three straight but is due for a setback any minute now. The Alumni lineup will look something like this:

- Manz, f.
- Carlson, f.
- Beemsterboer, c.
- Rossing, g.
- Setterberg, g.

Phi Pi Phi's Nearing Another Basketball Title

The two semi-final games in the Inter-fraternity Basketball tournament were played last week. Results show that the Delta Tau Delta team is the squad picked to play the Phi Pi Phi team in the final game.

The Delts gave Triangle a dose of the latter's own medicine by providing a winning margin of one basket in the overtime period. Triangle had previously beaten Theta Xi by one point on a last minute basket. The Phi Pi's had no trouble in disposing of the Phi Kaps, maintaining a fair lead to lead by a twenty-point margin. The final game between the Phi Pi's and Delts was played on the armory floor yesterday.

Track Schedule Practically Complete

Hawk trackmen have begun training for the coming season and the schedule to date shows tough going ahead for the runners. A large number of colleges have abandoned track, and as a result relatively few dual meets comprise the Tech schedule. The annual Tech Relays head the list of intercollegiate meets, including the C. A. A. U. meet, the Butler relays, the Central Intercollegiate meet at Notre Dame, and possibly the Elm-hurst Invitational.

The first show-down for all trackmen will be the Interclass meet, scheduled for January 13. The meet is a toss-up between the sophs, juniors and seniors, and the freshmen, as usual are the threatening dark-horses.

Boxers and Wrestlers Show Off Before Professors

At the annual Christmas party held by the Faculty last Friday, part of the entertainment consisted of a box-

TECH ALUMNUS AIDS ATHLETIC PUBLICITY

An arrangement whereby the results of Tech athletic games will be taken to the daily newspaper offices earlier and more often, has been made through the aid of an Armour alumnus, George L. Opper, a civil grad of 1913. His office in the Wrigley building will be used to make connections between the scene of the Tech games and the newspaper offices in the downtown district.

ing and a wrestling match. The boxing match was a preliminary bout of the tournament, in the 127 pound class, between Graham and Way, with the bout ending in a draw.

Frank Talaber and Herm Sumner tussled in the other match of the evening, with Talaber the winner. The gladiators put cheer into the hearts of the professors despite the fact that other entertainment was forthcoming.

Ventriloquist in the Crowd?

At the play presented by the Dramatic Club last week, the audience persisted in assisting the performers in the production of sound effects. If the lads would save their noise for the games, we'd have a real cheering section.

TRIGONOGRAPH
is a quick Calculator and complete Trigonometric Function Table. Shows all functions in one operation to 3-4 places at a glance. Solves: Right and Oblique Triangles, Multiplications, Divisions, Proportions, Stress and other problems in Mechanics. Trigonometry made clear for the student. Potent time saver for Instructors and Checkers. Size 9 inch. Durable Cardboard 50c. Non-warping Pyralin \$1.50 Postpaid.
J. S. RONAY
Cleveland, Ohio
Box 254

Tech Boxers in Annual Tourney

The Armour manly-arters will get a chance to demonstrate their prowess officially on various days this week, when the long awaited intra-school boxing tourney is run off. This is the chance for those having a secret desire to throw fists, but who are held down by tendencies to modesty or intensive education.

Graham and Way opened the succession of events in a battle before the turkey diners—professors, trustees et Sonny Weissman. Rosa and Goldman are also paired in the 127 lb. division.

The following fighters are listed at 135 lbs.: Schultz vs. Bothwell, A. Anderson vs. Rosenthal, and W. Anderson vs. R. Fleissner.

Snashall drew the bye in the 142 lb. pairings. Other bouts: Friede vs. Kirkpatrick, and Schneebalg vs. Geerarts. The middleweight boxers should provide plenty of resin-raising.

The last weight represented will see F. Smith fighting Vormittag, and Neice mixing with McAuliffe. Freitag is certain of passing the first round—he too drew a bye.

HOLIDAY SPORTS CALENDAR

TUESDAY, DECEMBER 19
Basketball — Armour Tech vs. Alumni at Armour.
Boxing—Boxing Tournament, preliminary rounds, in Armour Tech Gymnasium.

WEDNESDAY, DECEMBER 20
Basketball — Armour Tech vs. Chicago Normal at Armour.

THURSDAY, DECEMBER 21
Boxing — Boxing Tournament, Finals, in Armour Tech Gymnasium.

FRIDAY, JANUARY 5
Basketball — Armour Tech vs. North Central at Armour.

THURSDAY, JANUARY 11
Basketball — Armour Tech vs. De Paul at De Paul.

SATURDAY, JANUARY 13
Basketball — Armour Tech vs. Augustana at Augustana.
Track—Interclass Track Meet in U. of C. Fieldhouse.

We Call DELUXE SHOE REPAIR CO. 77 E. 35th St. AT MICHIGAN AVE. Phone VICTORY 8787

THE ALICE RESTAURANT

A DAILY ARMOUR SPECIAL including MEAT, VEGETABLES, BREAD AND BUTTER, DESSERT, COFFEE, TEA OR MILK. 25c
3117 Wentworth Phone Victory 0660
Free Transportation for Students—Ask About Details

IT TAKES HEALTHY NERVES FOR JAFFEE TO BE THE WORLD'S CHAMPION SKATER



IRVING JAFFEE

(At Right)—Again Jaffee makes a thrilling finish as he speeds to victory! Winner of 1,000 medals and trophies, including three Olympic Skating Championships, Jaffee has brought the highest skating honors to the U.S.A. Asked recently if he was a steady smoker, Jaffee said, "Yes—but that goes for Camels only. I have to keep my wind, you know, and healthy nerves."

A MATCHLESS BLEND

IT IS MORE FUN TO KNOW
Camels are made from finer, MORE EXPENSIVE tobaccos than any other popular brand.

Steady Smokers turn to Camels

You've often seen his name and picture in the papers—Jaffee, the city-bred boy from the U. S. A. who beat the best that Europe had to offer, and became the skating champion of the world! Speaking of speed skating and cigarettes, Jaffee says: "It takes healthy nerves and plenty of wind to be an Olympic skating champion. I find that Camels, because of their costlier tobaccos, are mild and likable in taste. And, what is even more important to a champion athlete, they never upset the nerves." Change to Camels and note the difference in your nerves...in the pleasure you get from smoking! Camels are milder...have a better taste. They never upset your nerves. Begin today!

CAMEL'S COSTLIER TOBACCOS

NEVER GET ON YOUR NERVES... NEVER TIRE YOUR TASTE

Copyright, 1933, R. J. Reynolds Tobacco Company