



A.T.S.A. Board Selects Coach Weissman Student Union Head

Two Student Managers And Five Assistants Will Aid in Union Rule

At a meeting held last Wednesday, the Armour Tech Student Association chose Bernard "Sonny" Weissman, popular wrestling and boxing coach, as manager of the new Student Union. The plan for operating the Student Union, as approved by the A.T.S.A., calls for a managerial staff, consisting of one manager, two assistant managers, and five student assistants. This staff will be made up of students and perhaps one faculty member. Along with this group a Student Union Board will govern the policies of the Union. This board will be composed of one student from each class, two Co-ops, one graduate student, and one "Night Hawk." The responsibility of executing the policies of the board rests in the hands of the manager.

Mr. Weissman says that he will do all he can to induce the maximum number of students to take advantage of the Union. The board members will be selected by the A.T.S.A. in the near future.

Approve Budget

An A.T.S.A. budget for the college year 1938-1939 has been approved by the Board of Control of the Institute. The budget was made up by a committee composed of R. N. Vandekieft, president of the A.T.S.A., John Schommer, athletic director, and Geo. S. Allison, treasurer of the Institute. At the meeting, Wednesday, the A.T.S.A. accepted the budget as submitted by the budget committee.

Cafeteria Moved

The budget, which appears elsewhere in this issue, is based on the anticipated enrollment for the full college year. If the enrollment is materially different from that expected, it may be necessary to revise the distribution of the income.

Although all of the equipment has not yet arrived, the cafeteria was moved into the Union Building over the week-end. The old tables are being used temporarily pending delivery of the new pedestal type tables. The school store now resides in its new location and the student cloak room is in full operation. Due to a delay in the delivery of furnishings, it was not possible to open the entire building this week.

Armour is Host To Alumni at Homecoming

Armour's alumni will be welcomed back to their alma mater this Friday, December 9, as they assemble for the annual Home-Coming. Dr. George L. Scherger, for thirty years professor of history at Armour, will be the guest speaker at the dinner to be held in the newly remodeled Union, where he was assistant pastor in its early days.

The recent completion of the new Union has made it possible for this event to be held on the Armour campus for the first time; it is planned, however, to make this gathering an annual event at Armour.

The Home-Coming will begin in the afternoon, with all departments of the Institute and Research Foundation operating on regular schedule. The alumni will thus be given an excellent opportunity to see the changes and improvements which have been inaugurated. Between 5 and 6 p.m. there will be a reunion in the new Student Union, enabling the alumni to meet many old friends as well as all of the faculty and Research Foundation.

Dinner will be served in the dining hall of the Student Union at six o'clock, after which alumni will hear Dr. Scherger and the other speakers of the evening.

Prof. Karl Menger To Speak Thursday Internationally Famous Mathematician

Public lectures sponsored by the graduate division have attracted much interest in the last few weeks not only from graduate students but from the student body as a whole. The speakers have been outstanding men in their fields and the talks have proved extremely popular with undergraduates because of their common sense presentation.

This Thursday's meeting in 105 Chapin at 4 p.m., will present Karl Menger, professor of mathematics at the University of Notre Dame, and formerly of Vienna. He will speak on "The Foundations of Geometry."

Professor Menger is considered by many authorities to be the most brilliant of the world's young mathematicians. In addition to his many important books and papers, he is responsible for the modern theory of dimensions. He is also known as an extremely apt and entertaining speaker.

Professor L. R. Ford, director of the mathematics department at Armour, urges all students to attend this lecture which is open to the public.

Research Department Inspects Laboratories After Dinner Meeting

Yesterday, the Board of Directors of the Research Foundation and the Executive Committee of the Institute held a joint meeting at the Foundation. After the meeting they proceeded to inspect all of the laboratories and equipment of the Research Foundation.

The joint meeting started at 11:30 and at 12:15 all of the board members and the entire research staff had luncheon in the new Student Union. Following this, the laboratory inspection trip took place.

The tour took the members of the board to many places of interest. Among them were the chemical annex, where Dr. Manley and Dr. Godwin are working on rubber; the materials' testing laboratory, Professor Carpenter's metallography laboratory, and the automotive laboratories which are under the direction of Professor Roesch. Other laboratories were the old ice lab, where work on combustion, high steam pressures, and refractories is taking place, and the regular laboratories in the Research building.

'Night Hawk' Association Sponsors Set of Movies Shown Before Students

Watching the "Night Hawk" sponsored movies shown in Science Hall last Saturday afternoon, both day and night school students were amazed at the gigantic proportions of the Golden Gate Bridge as pictured in "Bridging A Century" and at the unusual aspects of the objects caught in flight by the M. I. T. high speed films shown.

The bridge movie showed the various unusual features of the bridge. Among them were the big piers, great height, and the details connected with the spinning of the cables that support the bridge.

The high speed films from M. I. T., which were taken at rates up to 6000 frames per second, made visible the actions of fast-moving objects in flight and at the moment of impact. The objects photographed were varied and included the actions of a cat in righting itself when dropped, smoke going through an electric fan, the splash formed by drops of water and milk, the flight of a fly, and the effects of smashing an electric light bulb.

In the near future a color movie on the production of steel will be shown. This promises, because of the color and the nature of the material, to be one of the best shown yet.

ARMOUR TECH STUDENT ASSOCIATION BUDGET APPROVED BY BOARD OF CONTROL FOR THE COLLEGE YEAR 1938-39

Income—Student Activity Fees	\$17,298.00
Baseball	1,200.00
Basketball	1,400.00
Blanket Awards	200.00
Boxing and Wrestling	450.00
Directors and Coaches	4,200.00
General Expense	500.00
Golf	375.00
Intramural	100.00
Musical Clubs	500.00
Rifle Club	185.00
Swimming	300.00
Tennis	350.00
Track	800.00
Track Relays	700.00
Cycle	3,200.00
Armour Engineer	1,700.00
Armour Eye	150.00
Reserve	16,310.00
	988.00
	\$17,298.00

Soil Problems Discussed by Dr. Terzaghi

Approximately 250 persons heard Dr. Terzaghi, noted authority on soil mechanics, speak last Thursday night in the new Student Union dining hall, on the fundamental principles of soil mechanics as applied to excavating, subway tunneling, and dam foundations.

Dr. Terzaghi has long been known as a pioneer in the soil mechanics field. He was born in Vienna, Austria, and at the present time, his official residence is in that city. He has held professorships in a number of great colleges and universities, including M.I.T. and the University at Prague, Czechoslovakia. A number of articles and publications as well as a few books have been a part of his contribution toward the development of the subject of soil mechanics. He is a member of the American Society of Civil Engineers, and has been honored a number of times for making original advances in his field.

Dr. Terzaghi's talk was of great interest to most of the men present because it dealt with a subject which they know is becoming an important one. The majority of the guests present were professional men.

(Continued on page three)

Co-ops Elect New Officers

Co-op club officers for the year 1939 were elected in a turbulent session of the A group last Thursday in science hall. The meeting was the last in the present school term which ends this Friday. Guest speaker on the program was T. W. Yeakle, senior fire protect, whose subject was "The Co-op and the Honorary Fraternities."

Those elected were Frank Heidenreich, president; Kenneth Olson, vice president, Victor Shell Schmidt, secretary and Walter Meyers, treasurer. The retiring officers are Birger Johnson, Mike Larinoff, and John Kucera. Meyers succeeds himself as treasurer.

Yeakle presented a comprehensive summary of the co-op situation at Armour from an activities standpoint. He expressed the view of the regular students in general that co-ops make desirable members in school organizations and urged greater interest on their part.

"Membership in departmental honorary fraternities at Armour is based on scholarship and activity within the department," said Yeakle. "Organizational honoraries, such as the literary and musical fraternities choose men outstanding in the associated activity, while Tau Beta Pi considers both scholarship and activity participation when selecting candidates." Yeakle stated that it was not at all impossible for co-ops to engage in extra-curricular activities, and cited several organizations which contain co-operative students.

Retiring president Johnson explained to the members that the co-op dance which was to take place this Friday could not be held because of an unfortunate conflict with the senior dance on Saturday.

Schommer Tells of Placement Progress In Recent Months Students and Alumni Will Derive Equal Benefit

Under the leadership of personnel director John J. Schommer a renewed drive for placement has been undertaken. Professor Schommer was appointed in September to carry on the work of William N. Setterberg, who has taken over the duties of registrar of the evening division.

In a letter received recently by the *Armour Tech News*, Professor Schommer wrote:

"The graduating class of 1939 will have the benefit of this new department. It is hoped that the seniors of this coming graduating class will appreciate the opportunity that will be offered by leaving with the department a complete history of themselves up to the time of graduation. The questionnaire submitted to seniors of the class of '39 should be filled out conscientiously; the photograph requested should be attached at the time the form is turned over to the placement department. Later, as the graduate gains in experience and has broadened his scope, the placement department should be advised of his achievements. As an example of not having records full and complete, let me tell you of a difficulty this department faced a short time ago. We had on file one or two openings which carried a salary

(Continued on page three)

Players Present Journey's End As First Production

Journey's End is to be presented by the Armour Players on Friday evening, January 6. The evening has been chosen rather than the day because the play will last two hours and will make up a full evening's entertainment. The play will be followed by dancing to the music of Don Charlton and his orchestra of Armourites. The entire Student Union is to be turned over to the guests of the players after the dance. The lunch room will be open so that those desiring refreshments may have them.

M. G. Christophersen, a writer and the director of Armour's new radio series, is the director of the play. He has written several books and wrote a column of theater criticism for the *Rockford Journal*. The cast consists of the following: B. R. Sternfeld, C. McAleer, R. O. Nerhus, L. Epstein, R. I. Jafice, T. A. Hunter, R. L. Hanneman, S. S. Silverman, A. G. Hansen, J. W. Duncan, and C. H. Schultz.

The play, an outstanding war drama with which all Armour students probably are familiar, is an extremely difficult undertaking, but is being handled in fine fashion by Armour's players. Mr. Christophersen, in presenting his first Armour production, has chosen a play which no one can afford to miss.

Tickets are now on sale for the nominal charge of fifty cents per person. They may be purchased from any member of the Armour Players.

'First Nighter' Will Inaugurate Social Season in Student Union

Progress Made In Furthering W.S.E.'s Scope

Definition of the reorganization of the Armour branch of the Western Society of Engineers has been taken in the form of an address by Mr. E. Keith, secretary of the parent society, to the officers of all the departmental societies last Friday in 220 Chapin. In the course of the lecture Mr. Keith attempted to bring out the advantages of the Western Society of Engineers as a parent society over a purely civil engineering society at Armour.

"Fundamentally," said Mr. Keith, "the Western Society of Engineers has never been restricted to what is now understood as civil engineering. We still hold to the English interpretation that there are but two branches of engineering: military and civil." "However," continued Mr. Keith, "as engineering became more specialized, divisions were made under the general organization until today there are eight classifications included in its organization. Further, the various grades of membership, full, associate, and junior, have periodic meetings of general engineering interest."

It is the aim of the present members of the Armour branch of the Western Society of Engineers to

(Continued on page two)

'Helium' Is Second Radio Broadcast

"The Story of Helium," second broadcast in the new radio series, revealed the fascinating history of the discovery of helium and its applications to our everyday life.

Noted first on the sun in 1868 by Jansen, the French astronomer, by means of the first spectrographic analysis of the sun in eclipse, helium was yet to be unknown on earth 27 years after this first indication of its existence. Even after it was discovered on earth by Hildebrand, helium was mistakenly thought to be hydrogen so that it was not until 1895 that helium was isolated, and recognized as a new substance and reconciled with the element noted on the sun.

It remained for the world war to create a demand for the new substance. In 1916 the race of the nations to obtain helium began, but it was found only in minute quantities, the result being prohibitive prices. In the United States, however, great quantities were available. The U. S. Dept. of Mines instituted experimental plants for the isolation of helium and has since prohibited its export to "warring" nations.

Thus, it is that balloon passengers in the U. S. know that they travel safely, the non-inflammable helium gas being their insurance. A gas has virtually been brought 90 million miles to be of service to mankind through the scientist.

Saturday's program, "Power," will be concerned with the transmission of power over great distances.

Teachers College Invites Armour to Another Social

Once more have Armourites been invited to an afternoon dance by the social committee of the Chicago Teacher's College. The occasion is the annual Christmas Dance and will commence at 3:30 p.m. this Friday. The committee promises a gala affair with an atmosphere of seasonal decorations and syncopation by that admirable band which played for the previous dance.

Students are urged to secure their tickets (which are free) in the Registrar's Office before the limited supply is exhausted. No one is to be admitted without a ticket.

Seniors Select Charlie Gaylord to Supply Syncopation

AWARD RADIO FRIDAY

Armour's newly opened Student Union will be the scene of much gaiety next Saturday evening at the "First Nighter" which is scheduled to begin promptly at 9 o'clock. It is the first Armour dance ever to begin at this time. The occasion, as most of you have been informed, is to be the first class dance of the school year, and is sponsored by the senior class. As a fitting celebration to the occupancy of the new Union, a large crowd will gather in the new ballroom to give the smooth floor its first trial.

If advance sales of bids are any indication of the popularity of a function, it would seem that just about every one will be there. Student opinion seems to be that each man wants to bring his lady friend down to see the new edifice, however, the size of the dance floor being what it is, there should be no crowding at all.

Streamers and Balloons

Of course, one of the feature attractions of the affair will be the orchestra. On this occasion the music makers will be none other than Charlie Gaylord and his ten masters in the art of sweet swing. If there are still some of you who like to swing out with the best of them, and have not yet purchased your ticket, there are still a few to be had in the Registrar's Office, or from any of the following seniors: B. G. Anderson, W. D. Chapman, Tom Collier, I. M. Footlik, Russell Kotal, E. C. Mitchell, or Sid Moleculeski.

Plans for the decorations are to include an abundance of paper streamers, colored balloons, and stage effects. The new overhead lighting unit in the assembly hall will come into good use at the dance, as the indirect portion of the lighting will provide any desired amount of light of several different colors. In this way, the effect of moon-light or broad day-light may easily be had.

Following the practice which has become established here at Armour, the committee, headed by Bolton Anderson, has decided to give a bid without any charge, to any member of the student body who sells eight bids. The bids for the dance, costing the sum of \$1.50, are made of black paper with raised gold letters on the outside to bring in the school colors. This contrast in color presents a very pleasing picture to the

(Continued on page four)

Glee Club, Orchestra Arrange Program for Christmas Concert

With the remodeled Mission building providing the setting, the Armour Musical Clubs will present their annual Christmas Concert on the morning of Friday, December 16. A special invitation is being extended to all mothers and sisters of the Armour student body to attend the concert. After the concert the guests will be afforded a splendid opportunity to enjoy and inspect the facilities of the recently completed Student Union building.

At the request of the management of the Art Institute, the combined Musical Clubs presented a very successful concert before a large audience last Wednesday afternoon, November 30, in the foyer of the Institute. This was the Club's second appearance at the Institute.

A special invitation has been extended to the Musical Club to present a concert of Shawnee Country Club, Sunday afternoon, January 15. Following the concert, tea will be served and dancing facilities will be furnished for an enjoyable social evening.

Members of the Armour Musical Clubs have been enjoying many of the recent operas at the Civic Opera building. A center box was presented to the group by the Civic Opera Company early in the semester.

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Fraternity Notes

By EDWARD CHEVALLEY

All fraternity notes must be received by the fraternity editor before 5 P.M. Thursday in order to appear in the next issue.

PHI PI PHI

Gamma chapter takes the pleasure of announcing the pledging of Harry Shaw, M.E. '40; Ernest Harrison, M.E. '42; Glen Cooper, M.E. '42; Edward Walover, M.E. '42.

With a Mothers' Club bridge party last Tuesday evening, and an alumni meeting on Friday evening, the pledges and actives have been quite busy. It seems as though Ed Wylie is strutting around with his chest stuck out in his best "Pledge Captain" manner.

Congratulations are also in order for Brother Ray Main, who was formally initiated into Beta Omega Nu, the interfraternity honorary.

Social Chairman Dick Larson is doing a splendid job on the dances and other social affairs, but it seems as though he has trouble getting a date.

Congratulations to Bill Caldwell on being pledged to Pi Nu Epsilon, honorary musical fraternity.

TRIANGLE

Kurt Weiss, F.P.E. '38, paid the house a visit last week. He enjoys his work greatly in Ohio where he is agent for the Western Acturial Bureau. He also helped put over the dance at the house on Thanksgiving eve.

With an attendance of over seventy, the Mothers' club party proved to be a big success.

THETA XI

Open House night for the Alpha Gamma chapter has been announced for Friday, December 9th. A special pledge meeting was called last Thursday, whereby the actives expressed to and on the pledges their extreme desires of having the house spotlessly clean and in shipshape. The actives certainly exerted themselves by bringing out the point that the pledges should keep the house clean at all times. Richard Hrudu, house man of TX, will have a hard time finding reasons for his many black marks now. Nevertheless, Open House night at TX will be a huge success as are all of their affairs. Many acceptations of invitations from the alumni have already been received.

Elmer Ellsworth Ambrose, M.E. Co-Op '42, has been pledged by the TX men and is well underway in his pledgship.

PI KAPPA PHI

The Founders' Day banquet for Pi Kaps is to be held this week-end. Chaplain Ed Malela, who is in

charge, has been making joint plans with the alumni and a large attendance is expected.

The champion Pi Kaps ping pong tournament has been finished and the final team only contains two of last year's members. The other last year "cup" members were eliminated; so it seems that the team is better this year than last.

Dec. 17 has been announced by the social committee as the date for their Christmas dance.

Congratulations are in order to Paul Hoffman on his pledging to Pi Nu Epsilon.

SIGMA ALPHA MU

Sigma Epsilon Chapter of Sigma Alpha Mu takes pleasure in announcing the pledging of: Bernard Cooper, Ch.E. '42; Gerhard Hollander, E.E. '42; Harvey Korshak, E.E. '42; Seymour Saperstein, M.E. '42.

The year's social activities got under way with a pledge dance at Fra Schilke's home a week ago Friday, and a Theatre Party Friday. The current hit production, "I'd Rather Be Right" was seen and enjoyed immensely by all.

A new decoration to the house was made last week when the Interfraternity Council presented the chapter with a new Scholarship Cup. This makes four straight semesters for Sigma Alpha Mu. Good work fellows! Keep it up.

W. S. E.—

(Continued from page one)

mimic the organization of the parent society. To date, the W.S.E. at Armour has been considered as a purely civil engineering society. The civils, however, recently decided to organize as a student branch of the American Society of Civil Engineers. Because of their long association with the W.S.E., the civils are appreciative of the benefits which can be derived from a local organization and rather than drop the W.S.E. by the installation of a chapter of A.S.C.E., they are seeking to extend the W.S.E. over the entire student body, thereby granting the students membership privileges in two professional societies at no added cost.

The various officers of the departmental societies have decided to meet to consider the most advantageous organization of such a parent society and present their findings to their individual societies for approval or rejection at the earliest possible time.

At the meeting it was brought out further that such an organization would be advantageous in aiding the students in seeing what goes on beyond the limits of their own profession. Mr. Keith pointed out that in many cases the engineers viewpoint is considerably narrowed by his constant association with only one type of work. "Meetings of general interest," said Mr. Keith, "tend to arouse the engineer from his own sphere and show him what other professions are doing."

Student Cooperation

Cooperation in any line of endeavor is essential in order that progress can be made.

Now that the Student Union has been opened and the manager appointed, cooperation between the students, the committee in charge of the Union, and the school officials must be close.

The slogan "United We Stand, Divided We Fall," indicates the possibilities that can arise through the lack of concerted action. The slogan is important no matter how it is considered. Battleships cannot function properly unless crew members work together. If the navigator or helmsman failed in their line of duty, the entire crew would suffer.

If Coach Weissman receives the assistance and cooperation he needs in the performance of his duties as manager, many worthwhile student activities can be arranged. The work involved in the origination of the "plan of control" will be tremendous. The Student Union board which will be selected this week will determine the regulations of the student interests in the building. Manager Weissman and his assistants will then have complete charge of enforcing those regulations.

Appearance and care of the building is important. Students should do their utmost to keep the building presentable. Efforts should especially be made to keep the lunchroom free of paper and in a neat orderly fashion. Stern punishment should be meted out to those "careless" individuals who attempt to write upon the walls or throw chalk or erasers.

If students will cooperate with the Union committee and "put the careless student in his place," the building will be a pleasant place in which one may eat, study or relax in his spare moments.

A.S.M.E. Smoker Will Be Held in Student Union Next Tuesday

A.S.M.E. members and other mech students are looking forward to the smoker and informal get-together, to be held next Tuesday evening, Dec. 13, at 7:30 p.m. in the new Student Union building. Practically one-hundred percent attendance among the mechanical engineering students is expected by the committee in charge because of the unparalleled program and entertainment to be offered. It is expected that the lectures will surpass those given by any other group in previous smokers.

A prominent speaker—tentatively scheduled as a government man—will give a short but forceful talk of a very interesting nature. Musical novelties will be furnished by two colored gentleman of swing. Free souvenirs of special interest to engineering students will be offered, as will be free cigars and cigarettes. Four reels of movies will be shown. Card playing and plenty of refreshments will follow the regular program. The committee also hinted that something else suitable only for a smoker may be given, but they refused to divulge the nature of the secret.

Tickets, on sale this week for the very nominal fee of thirty-five cents, may be purchased by interested students who do not belong to the A.S.M.E., as well as members of the latter organization

Members, who may be contacted for tickets are: R. Kohn, A. Toth, A. Hansen, M. Balis, and L. Scott.

The A.S.M.E. will meet this Friday in Science Hall to hear a talk by Mr. George Parkhurst, patent lawyer of the Standard Oil Company, who will present a talk on patents. President Paul Henriksen urges one-hundred percent attendance among A.S.M.E. members.

A. I. Ch. E. Hears Dr. Schaad Talk on Crystal Structure

Members of the A.I.Ch.E. will hear Dr. J. A. Schaad, member of the department of chemistry, speak on "The Determination of Crystal Structures by the Application of X-Ray" next Friday morning at their regular meeting.

Dr. Schaad, who was appointed to the faculty in 1936, received his doctor's degree at the University of Illinois for his work in the field of crystallography. His talk will be of special interest to the junior chemicals, who devote part of their course in physical chemistry to the study of crystal structure.

An extensive program, including guest speakers and inspection trips, is being formulated by the officers and program committee of the organization. No definite announcement will be made until the program is completed.

The Slipstick

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

Are you happy? No. Are they happy? No. Am I (slap) happy? Yes, a thousand times yes. I've just read the Slipstick. And so we all will be if you read the Slipstick.

Willie Rose
Sat on a pin.
Willie Rose.

Daughter: I can't marry him, mother, he's an atheist and doesn't believe there is a hell.

Mother: Marry him, my dear, and between us we'll convince him that he's all wrong.

"Bread! Bread! Give me bread!" an actor once cried. And the curtain came down with a roll.

"If a tramp were arrested and the officer found a watch on him, what would you naturally infer?"

"That he stole it?"
"No; that the watch was on the bum."

The greatest contribution by chemistry according to a recent poll is the blende.

"Do you think your son will forget everything he learned at Armour?"

"I hope so—he can't make a living necking."

Our recent attempts as Romeo has led us to believe: "Beware of a bull when you are in front of him—a donkey, when you are behind—and a woman, wherever you are!"

Frosh: I sure hated to lose that test tube that blew up.

Soph: Don't worry. Mr. Van Atta will get another one.

Frosh: That's just it. Mr. Van Atta was holding the one that blew up.

Akin to the sailor who takes a boat ride on his holiday and to the mailman who takes a walk on his vacation is the Armour student who spends his vacation loafing.

It seems there's always an absent-minded Professor story to tell. We wonder if you heard about the absent-minded Prof. who went into a shop to buy a jar. Seeing that one was upside down, he exclaimed: "How absurd! The jar has no mouth!" Turning it over he was more astonished. "Why, the bottom's gone too!" he ejaculated.

To heck with the expense, give the canary another seed.

"IT'S EASY TO WRITE A PLAY. FIRST ACT, BOY MEETS GIRL; SECOND ACT, THEY HOLD HANDS; THIRD ACT, THEY KISS." "THAT'S HOW I GOT ARRESTED."

"WHAT DO YOU MEAN?"
"I WROTE A FIVE ACT PLAY."

ONLY 19 DAYS TO CHRISTMAS

Science is resourceful. It couldn't open the Pullman window so it air-conditioned the train.

"I took history and got a B.A. degree."

"I took chemistry and got a B.S. degree."

"I took money and got the third degree."

On a crowded street car: Madame, would you like me to get you a strap. No, thank you. I have one.

Then would you mind letting go of my necktie.

WE'RE REMINDED OF THE DRUNK STAGGERING ALONG THE STREET AND BUMPING INTO A TELEPHONE POLE. AFTER FEELING HIS WAY AROUND IT SEVERAL TIMES, HE MUTTERED, "SNO USE. WALLED."

Fruit Vendor (yelling in front of his stand): Twenty cents a doz.

Bystander (soused): Twenty cents he doesn't.

Are you happy? No. Are they happy? No. Why?? Mmmm, I wonder if they read the Slipstick?
HI YO SILVER.



The Town's Best

By BERNARD STERNFELD

IN THE PICTURE DEPT.: . . . They've done "The Champ" all over again and called it "Stablemates." Of course Mickey Rooney subs for Jackie Coogan in making a man out of a whiskey sodden Wallace Beery and the locale is the race track instead of a fight ring, but it's still "The Champ." Don't get me wrong, it was good then and it's good now. Beery's part was tailor-made for him, and Mickey Rooney turns in another corking performance. They make an ideal team for "father and son" pictures, if the box office returns are any indication. The picture will show at the Roosevelt for another week and then about two more in another loop house. It's a "must!"

AMUSEMENT ODDS AND ENDS:

. . . Any "Journey's End" rehearsal a sure fire panic . . . Silverman mumbled about next Saturday eve and a bonny bonny lass . . . Dixie Duncan, Epstein, and Finsky sleeping it off in a corner, looking for all the world like a still of the Three Little Pigs . . . The mighty Jaffee toying with his watch and fob as he croons a corny rendition of his opening line tune . . . MacAleer and Nerhus each doubling and redoubling in brass, doing a scene requiring a half dozen characters . . . The stage crew in the office sounding like a herd of buffalo as they continue to

leave, but never go . . . Everybody trying to slink off after rehearsal, leaving Director Christophersen to put things back in order. . .

Strictly big league is the Player's bill for Jan. 6. They lead off with three act Journey's End, their first try under Merrill Christophersen, who has been writing script for the Armour radio series. After final curtain, the main floor seats will be pulled back, whereupon "Sjresses and Strains" by Don Charlton and his new orch will be on tap for three hours of dancing. . . .

Charlton's boys are no Hungry Five outfit. Twelve men have cinched first string berths, but the maestro still wants more. They've a sweet change of pace, the swingiest of swing, or smooth, soft rhythms. They'll be really in the groove for their spot on the bill.

IN THE SPORTS WORLD: The Blackhawks, who have been doing right well in the present hockey race, won't be in town 'til next Sunday, when they take on the N. Y. Americans. Don't have to go out on the limb when you predict a repeat for the champs. . . .

. . . Senior schmier didn't look so hot when taking it on the chops from the U. of C. champ touchbalers. The boys just couldn't get started against a Chi attack that resembled a combination basketball-volleyball affair. All the spectators were of the same opinion as to that brand of the game.

You can TYPEWRITE through this board

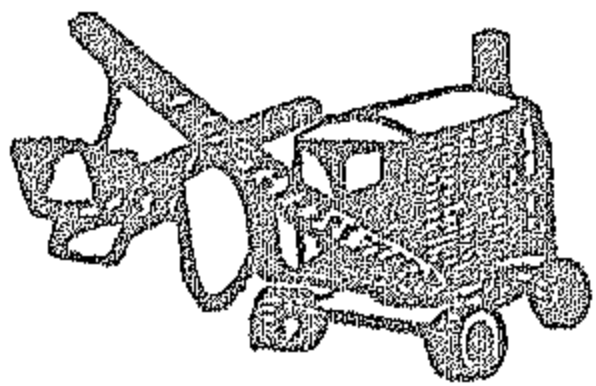
It looks like a telephone switchboard—actually it's a Teletypewriter exchange switchboard. Through such boards—located in 160 cities and towns—already more than 11,000 subscribers to Teletypewriter service are being inter-connected.

Subscribers carry on 2-way typewritten communication across the street or across the continent. Whatever is typed on the sending machine is reproduced exactly, instantly, at the other end of the wire.

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BELL TELEPHONE SYSTEM

Steam Shovel



It seems that instructors are able to break into this column easier than students lately. Can it be that the profs are becoming more interesting (or that the students are behaving themselves?)

O. G., commonly known to his beloved proteges (?) as swingmaster ERICKSON, is a dangerous man and doesn't know his own strength. Waving his one-half inch thick baton in front of the glee club recently, he violently swung at an eighth note and one-half of the baton flew across the room. The boys are contemplating giving him a baseball bat, if he will promise to use it only as a baton.

Bright sayings department: STEVE FINNEGAN, as he ascended in the groaning elevator as it swirled up the shaft with a full load: "It's lucky they've got a governor on this thing."

It is rumored that PEARL PURGATORIO has recently become a member of the Armour Tech News staff. We're not sure, but we think she wrote the "scoops" about the Friday socials.

Prof. OLSON has been clipped again, but not for money. It's a good idea—one has to go to the barber every six months under his system.

IS IT OR IS IT NOT TRUE THAT JOE (PRETTY BOY) RISANY HAS 23 GIRLS' NAMES AND ADDRESSES IN HIS LITTLE BOOK?

A sight for sore eyes is Prof. PERRY flowing into class at half cutoff.

Personal letter to Santa Klaus: "Dear Santa: Please send to the newspaper staff a few typewriters and some tables and chairs so that we can get the Tech News out properly. Signed, The News Staff. (Attention everybody, and Mr. Allison.)"

Prof. (0.0002) PEARL has the junior mechs going in circles. Don't be surprised to hear them muttering: "Nope, it's three ten-thousandths too big, gotta file it down," then whip out their nailfiles.

To Form Dancing Class Upon Opening of Union

As soon as the Union Building is available, a new dance class will be formed under the guidance of Anna C. Orcutt and subject to the direction of a student group, which is still to be chosen. This class will consist of two groups of dancers. One group will receive instruction as a beginners class, the other will be the advanced group which is especially for students who can dance, but would like to improve their steps along modern lines.

The professional instructor, Daniel Stone, who was the instructor for the dance class last semester, will again open the magic bag which contains the technique of dancing to every student in the dance class.

Social Science Department To Give More New Courses

Several new courses offered this semester by the social science department are already gaining popularity. A special elective, "business law," of which there are two sections, is given by Professor J. D. Larkin. An advanced course in "time and motion study" is also being offered. In the evening division the new courses are "formal accounting" by Mr. Goetz, "industrial relations" by A. S. Hansen, and a four hour course in "time and motion study" by Mr. Martin Wiberg.

The department is hoping to give one or two courses in the evening section in the near future on "general psychology" and one section later on "applied psychology."

Boxers Start Training; To Enter Golden Gloves

Boxers started their practice for the coming season last night, when Coach Sonny Weissman urged all men interested to turn out, as training will commence immediately for the Golden Gloves. The schedule for the year has not been drawn up as yet, but it is hoped to have several meets during the next few months.

As usual, this year the boxers will enter a team in the annual Golden Gloves Tourney. Last year a number of Armour's men met with success in the tourney. Plans are also being made to hold the intramural boxing tourney before the Christmas holidays, if it can be run off in this short time.

U. of C. Touchball Champs Floor Tech In Weird Play, 32-0

Flinging passes right and left and giving an extraordinary exhibition of ball handling, the Chicago Barristers walloped Tech's champions, the Senior Chems, 32-0 on Stagg Field last Friday. Decidedly handicapped by the prohibition of blocking and the pass-anywhere rule, the Chems could only try to minimize the Chicago score at which they weren't very successful.

Another handicap for the Armourites was the loss of Willie Kruse, who had to be withdrawn from the game after two plays. Chicago had the ball on the Armour two yard line and on the first play pulled a pass. Goldberg took it on the one and stepped over. At the same time, Kruse lunged and tagged him with his left hand. As the players contacted, Willie's elbow gave and rendered his arm practically useless.

The Chicagoans kicked off in the rain to Rothenberg, who ran it back to the 30 yard line. On the first play Kruse tried to pass the wet ball but Brant of Chicago intercepted and the razzle-dazzle commenced with the ball ending up on the Armour two yard stripe, from where Goldberg scored.

A few plays later, Adeszko tried a pass but again Chicago's defense was capable and intercepted. A series of forward passes on the same play put the ball on the Armour two yard marker again, from where Adams scored on a pass.

From here on it was strictly Chicago with their basketball play dazzling the Chems. The Midwayites got their main advantage in the inexperienced of the Techawks to the Chicago rules. Every time the Maroons completed a pass the Chems would start after the man with the ball. He would immediately pass again to another Chicagoan, and the Seniors would be caught flat-footed.

PLACEMENT—

(Continued from page one) of from \$4000 to \$5000 annually—yet these desirable positions were filled by others because we did not have records of available Armour graduates who had had the experience these positions demanded. Undoubtedly there were Armour men who could have filled those openings had we had their achievement records and other data in our files. Your record will be of value if it is kept up-to-date.

"The department is to function with centralized records with decentralized control. The office will endeavor to locate all former students and aid in placing unemployed "Armour Tech" men in positions. An exhaustive study will be made of the Chicago industrial area, as well as industries all over the United States and in foreign countries. Where it is at all feasible, employment directors will be personally contacted so that an intimate relationship may be established which will, naturally, insure a greater amount of cooperation between industry and Armour Institute of Technology.

"The Placement Department will have several offices adequately supplied with facilities to accommodate the representatives of the various industries who will be invited to interview prospective employees from our senior graduating class. The department will have secretarial services by Mrs. J. D. Carroll and will be open from 8:30 until 5 during the week, and from 8:30 until noon on Saturday. The Placement Department is located at 41 West Thirty Third Street."

Cagers Win Opener; Face Arkansas Thursday

O'Connor, Norkus Lead Scorers As Tech Wins 30-29

Armour Tech (30)			Chicago Teachers (29)		
Player	B.	F.	Player	B.	F.
O'Connor	3	4	Mulcahy	2	1
Norkus	3	2	Nevak	2	1
Swanson	1	4	Jenn	2	1
Scherer	1	1	Benish	0	0
Janicek	0	0	Gottfried	0	1
Sliwa	1	0	King	2	1
Lurz	0	0	Drain	0	0
			Healy	3	4
Totals	9	12	Totals	10	9

By E. H. Worcester

Trailing 18-9 at half time, Armour's fighting Techawks put on a display of real basketball for twenty minutes and nosed out a game Chicago Teachers College five 30-29 in the season's opener on the Armory floor. Packed with thrills, spills, and personal fouls, the tilt didn't feature any bursts of midseason form, but it kept a wild audience rooting while O'Connor, Norkus, Swanson, Scherer, and Sliwa tallied to overcome a staggering lead and snatch victory.

Tech opened the scoring when Norkus took Swanson's tip off and boosted it in with no apparent effort. The Teachers, though out-heightened man to man, had a neat, fast offense that quickly functioned. Breaking, cutting, and barraging the Tech back board with accurate long shots, Healy, Mulcahy, King and Jean piled up a considerable margin while the engineers looked on.

The game didn't really start for Tech till after the half time. While the Teachers were sliding around the floor in the second period, Armour scored 21 points against their 11. The team clicked with the whistle, as Norkus dropped a pass from Swanson, and O'Connor followed up Sliwa's try to count it. Armour sunk her free throws, and with three minutes to go, had the score tied when Scherer counted on a pass from Norkus and the latter dropped a triplet of free tries. Sliwa fouled a Teacher, and the score stood at 29-28, against Armour. The latter redeemed himself nobly by tallying with a perfect long shot to put Tech permanently in the lead at 30-29.

In the closing four minutes, the Teachers tried repeatedly to penetrate the Armour defense circle and couldn't.

As soon as the Tech five polishes up its offense, including practice on long shots and free throws; follows up its tries and retrieves the rebounds with more consistency, it will be a hard team to beat. Most important, a real team spirit is there with plenty of fight and competition (we saw it in the second half), and the school is behind it 100 per cent in the tough schedule ahead.

Trackmen to Hold Meeting This Week

With the advent of Christmas and passing of touchball, the track team has been removed from the moth balls and examined for speed and stamina. Those desiring a place on the team have been requested to keep close tab on the bulletin board for an announcement of the first meeting, which will be for all aspirants, freshmen to seniors. The meeting will be either Tuesday or Wednesday.

A tentative schedule includes such teams as Loyola, Elmhurst and North Central. Captain Dick Vandekieft expects a very successful season and a bit of competition with Loyola in the mile.

SOIL TESTS—

(Continued from page one)

Dr. Terzaghi related numerous difficulties that he encountered in excavating and tunneling. He stated that the greatest problem in tunneling is not the vertical thrust of the overhead soil but rather the tremendous pressure transmitted laterally from the side walls. "In some cases," he said, "the side wall pressures amount to 20 tons per square foot."

The speaker took great care in making sure that he was understood. He illustrated his findings with numerous sketches and examples that were easily comprehended by all who were present.

Tech News Names All-Armour Touchball Team; Select Eight

At the close of each football campaign, it is customary for the daily newspapers to publish their versions of All Conference, All Section, and All American teams. These selections, except All American, are usually the picks of a very small group of men who have seen most if not all the players at least once.

The Tech News has never admitted the supremacy of the daily papers and to prove this point announces that it also has picked an All Star team which it names in this column.

The Tech News team is not the opinion of one man but a consensus of sixteen persons, consisting of players, officials, and spectators. Only those who had seen the tourna-



By TOM CLARK

While it's always a pleasure to report a win for the Techawks, and especially the opening game, nevertheless, the pleasure is a little abated by the performance that was handed in. A one point margin win from a team that should be definitely our inferiors is nothing to write home about. Armour had a decided edge in height, Swanson getting the tip-off with no trouble, an advantage for any team. As individuals, Armour's players were on the whole a classier looking bunch of ball handlers, managing to keep the ball in their possession for longer periods of time, but not able to score.

This was especially noted in the matter of free throws. It might be a good idea if Swanson, who sank four out of four of these, took his teammates over on the side some rainy afternoon and showed them how it's done.

O'Connor, a junior from St. Viators and a newcomer to the team, earned a starting position on the team. He made the most of his opportunity at forward with three buckets and four free throws for high point honors. Norkus was next with nine. Sophomore Sliwa accounted for the biggest two points of the game when he sank the tally that gave the lead to Armour in the closing minutes.

Glancing at the schedule for this season, we miss some old names and spot some new ones. Beloit, Illinois B-team, Ypsilanti, and Milwaukee Engineers will be just pleasant memories as far as this year goes. Newcomer is DeSales, located at Toledo, Ohio, and which means a nice trip for the team. DeSales may return this game with one here in February. George Williams returns to the schedule after a year's leave of absence.

This is just what the Senior Chems ran up against last Friday! With passing at any time, and no blocking at all, Armour's representatives were completely bewildered. After four year's of play under our rules, it was almost instinctive for an Armour man to immediately take hot-foot after the man with the ball. This is fatal in a game where any man, no matter where he is, is eligible to receive a pass and at any time. Terrific as the score sounds, it was still a good game, and may lead to something for Touchball at Armour in the future.

It is just a matter of getting used to it, and there is no doubt that it makes for less injuries, a big point in its favor. The U. of C.'s rules need not be accepted in their entirety, but modifications might be adopted. One such modification is permitting blocking only on the line of scrimmage, which would give the passer more time to dispose of the ball. Forward passes might be limited to some set number, or perhaps allowed more than once only behind the line of scrimmage.

ment games several times were approached. Therefore, these judges know the abilities of each player, having seen him several times.

Upperclassmen formed the bulk of the voting body, although five underclassmen votes were counted, consequently the selections were strictly juniors and seniors. Of the twenty-six men who received votes, only two were underclassmen and each received one vote.

The team named has three members of the champion Senior Chems, two Junior Mechanicals, a Senior Civil, Mechanical, and a Junior Electrical. While the original intention had been to select six men, a four-way tie for the fifth position on the team made it imperative to have eight men. Harv Rothenberg, who captained the champions, was almost a unanimous choice, polling fifteen out of the possible sixteen. Willie Kruse, the tournament leading scorer, tallied eleven votes to be runner-up.

The team as it stands is probably as strong as it possibly could be unless one wishes to include the fraternity men, in which case the addition of Bill Scherer would prove a powerful asset. Rothenberg to Kruse and Rehwaltd to J. Clark, or Wolniak would give the team two formidable pass combinations. Adeszko also can throw accurately and Tom Clark is no slouch on catching them by any means. Tullgren's main attribute is his fierce blocking and his fine defensive play, although he can be used as either a passer or a receiver.

- Results of All-Star Poll
- Harv Rothenberg (15)*
 - Willie Kruse (11)
 - "Ray" Wolniak (9)
 - Ralph Tullgren (8)
 - Jack Clark (6)
 - Tom Clark (6)
 - Ches Adeszko (6)
 - Bob Rehwaltd (6)
- *Number of votes received.

Grapplers to Open Schedule Thursday Morton First Opponents In Long Season

At the present moment the business at hand for the wrestlers is to start out the season on the right foot with a victory over Morton Junior College. Morton will be Armour's guests at 5 p.m. on Thursday in the gym.

Coach Weissman hasn't as yet decided definitely on the starting lineup, but it will in all probability be made of last year's lettermen. Because of the fact practice has been curtailed until this week, some of the boys are over their wrestling weights, but they expect to be down to weight for the meet.

Tech Entries Named Till will get the call at 118 pounds and will be followed by McDaniel at 126 pounds. Manager Ropek will go in at 135, Hanna at 145, either Nigrelli or Butkus at 155, and Kazmierowicz will handle the 165 pound assignment. Captain Tullgren at 175 and Heavyweight Balsewick will be attempting to give Armour its initial victory.

With a strong team and an interesting schedule, the mat artists look forward to a long and successful campaign. A likely group of prospects have added new strength to the team for the season, which now includes seven definite meets and four more pending.

Squad Sees Newcomers In addition to the lettermen, Coach Weissman has a group of newcomers which will see action during the year. In the 118 and 126 pound classes, Grinnal and Cole should do their share of grunting. De Boo and Kenneth Young will do their part at 135 pounds. Pradin, Baum and Thodos will add additional strength. At 145, Butkus, last year's city champ and third in the state meet, along with Sandiford and Wagner, are new 155 pound candidates. Willman and Jensen will have opportunities to show their prowess at 165. Pacjuk, at 175, and Crumb, as a heavyweight,

Techawks Oppose Arkansas in Quest of Second Triumph

Ten traveling Indians from Arkansas State will make their annual invasion of Tech's home floor this Thursday afternoon for the second of their trio of basketball games here in the city. Before facing Tech, the Red and Black are to have battled Loyola, and are booked to face De Paul Friday night.

Coach Wendall Davis of the Indians will be looking for a change in policy as the Techawks to date have been successful in spoiling any hopes the southerners have had in past years.

Coach Grant Stenger, meanwhile, will be directing his men for a fourth straight victory over the boys in red, white, and black uniforms, as well as for the second Techawk victory in two starts this season.

Play Lake Forest Saturday

Probable starters for the Indians will be Captain Dub Baldwin and "Cotton" Busby as guards, Dub Clements and Dorse Keller, forwards, and Dave Griffin, center. Only three of last year's men have been lost to the Arkansas aggregation.

Starters for the Techawks will probably be Co-captain Ed Swanson, center, Lloyd Norkus and Ed O'Connor, forwards, and Bill Scherer and Joe Janicek, guards. Co-captain Henriksen may be able to play this week.

Saturday night will find the Armour cagers at Lake Forest, where they met tough opposition from the Foresters last year. The Lake Foresters again defeated Tech in the Armory, but by a closer score, 45-38.

Team Hit by Injuries

Although the basketball season has scarcely gotten under way, Coach Stenger has already seen his squad hit hard by injuries. The hardest blow fell on the team last Tuesday, when Co-captain Henriksen and Herb Sher were forced out of practice. Both of the present recuperants, Sher and Henriksen, will be out for at least a week and most likely longer.

At the start of the year, Coach Stenger was counting on his co-captains to carry the bulk of the attack with the help of Norkus, Scherer, and O'Connor. So far, Co-captain Swanson has been going along steadily and his height has proven a great asset for the team.

In the Chicago Teachers game, Swannie played the entire forty minutes despite the fast pace the Teachers set. Henriksen, however, is holding on reluctantly to his title of "hard luck player." Last year, Paul was hitting on all fours when he suffered a broken nose that put him out for several weeks.

This year, Paul has again run into a bit of bad luck. Seemingly coming along in good style, Paul was in reality in pretty bad shape. His trouble seemed to be situated in the abdominal muscles and this has caused his retirement for a week.

Herb Sher came up with a badly sprained ankle the day before the Teachers game. This left the team with only two experienced guards for the game, Joe Janicek and Bill Scherer.

Hank Sliwa, a new sophomore guard, turned in a good performance, however, as reserve.

round out a team which will have a good supply of reserve strength. This reserve strength will be useful since most of the opponents will present strong teams also. Wheaton, which always has power, will test Armour's strength early in the season. Tentative arrangements have been made to meet Purdue on January 11. A newcomer on the schedule is Case School of Applied Science in Cleveland. A tentative date for that meet is February 17 or March 3.



Ed Swanson



Paul Henriksen

Prof. Wall of N. U. Lectures in 'Series'

Professor H. S. Wall of Northwestern University gave one of the regular Tuesday-Friday public lectures in 217 Chapin at 11:30 last Tuesday. His subject covered the theory of continued fractions. He showed that there is a theory of conversion like that for power series, but that the series is still in its infancy.

The talk on Thursday, Dec. 1, was by Professor Oldenburger on algebraic aspects of symbolic dynamics. He showed that as the set of real numbers splits up into rational numbers and irrational numbers, so the set of irrational splits up into recurrent, transitive, and other numbers. Whether or not the famous irrational numbers "T" and "E" are recurrent and transitive is still an unsettled problem, and must be solved before we can expect to know much about these numbers. In dynamics, recurrence of a motion is a measure of the nearness of the motion to periodic motion. The motion of the moon is not periodic, but may trace a recurrent motion.

Next Thursday, December 8 at 11:30 in 217 Chapin, Professor Oldenburger will lecture on a "New Theory of Polynomials," an entirely new point of view that he developed. In this theory a polynomial is considered as being a sum of the powers of the first degree polynomial. Dr. Oldenburger will lecture on the same subject under the auspices of the graduate school of the University of Pennsylvania on December 15, and on December 28 before the American Mathematical Society at the College of William and Mary of Williamsburg, Virginia.

Armour Library Receives 150 Books From Mrs. Bley

A collection of about 150 books was given to the Armour library by Mrs. John C. Bley. This collection of books, which belonged to her deceased husband, contains a number of technical volumes which are very valuable because at the present time they are out of print. Included in this number are *Experimental Engineering* by Carpenter and Dietrich, and *Engineering Mathematics* by Steinmetz.

Mr. Bley, formerly an Instructor in Armour's mechanical engineering Department, 1895-97, had a library of over 1000 books. He was very interested in books on arithmetic and descriptive geometry, possessing a large number of books on these subjects. At the time of his death, Mr. Bley was employed as an engineer by the City of Chicago.

SENIOR DANCE—

(Continued from page one)

A small \$26.95 Sparton Radio will be awarded by the senior class to the holder of the "lucky" number. All bids must be paid for by 3:30 Friday afternoon and the drawing will be made by Dean Tibbals about 4 p.m.

Because of the large number of students who are expected to turn out for this affair, the parking problem has been given considerable thought by the men in charge. At present, there are about 1,700 night school students in attendance, and a good many of them bring cars to school. Parking has never presented a serious problem to the night school, so that there should not be any serious difficulty with the dancers' conveyances. As usual, the big lot south of the Main Building will be open, and with other space that is available on the streets surrounding the Union, the space should be more than will be required. The regular school watchman will be on hand to guard the cars, and there will also be two or three extra city policemen on duty, as well.

Check room tipping will not be allowed.

Refreshments are to be furnished to the dancers if they will descend to the new lunch-room. Full soda fountain facilities will be available, enabling one and all to enjoy what ever they choose. It is a foregone conclusion that the lounge in the old civil drafting room will be a popular place during the course of events. The new furniture and rugs, along with the other interior decorations, will provide an excellent resting place for those who wish to sit out for a while.

In calling their dance the "First Nighter" the seniors are providing a deluxe opening for the new Union.

A. Diedrichsen Shows Color Movies Before 'Armour Eye' Meeting

At their meeting last Friday, the Armour Eye was host to Mr. A. Diedrichsen, who brought 2400 feet of Kodachrome moving picture film, as well as 60 full-color still pictures with him, and gave the club a full two hours of enjoyment by projecting them on a screen.

First came a reel which was 1600 feet long, and took an hour to show, consisting of well-taken shots during a trip along a south-western route to California. The trip included visits to Bryce Canyon, Zion National Park, Sequoia National Park, and the Grand Canyon. Some of the shots, which, by the way, was with a Cine-Kodak Special, equipped with all the extras, such as a telephoto lens, were exceptionally, and, in some cases, un-speakably, beautiful. They included astonishing views of Boulder Dam, various waterfalls and foaming rivers which did all but stand out of the picture, and gliding panoramas of rock which was colored in burning red, orange, and yellow.

The route in California included a trip to Yosemite National Park, and a drive along the Pacific coast up to San Francisco. Here shots of the city, ocean, golden gate, and its bridge, made every one in the audience gaze in wonder.

On the way back, Mr. Diedrichsen and his friends drove through Yellowstone National Park and the Dakota "bad lands." In the former place he took some views of "Old Faithful," showing every detail of the spectacular fountain, as well as shots of the "paint-pots," which are clay pools

Austin Evening College To Hear Dr. Krathwohl

William C. Krathwohl, professor of mathematics, will speak to students of the Austin Evening College next Monday. His subject will be "Streamlining Mathematics."

Dr. Krathwohl has received much attention of late as director of the Department of Educational Tests and Measurements at Armour, and is in great demand as a speaker on mathematical subjects.

that bubble and splutter, each pool being of a different color. Lakes, falls, rivers and mountains all were shown in their full splendor. A second reel 800 feet long was equally as beautiful, and included some pictures of bears in the parks, as well as tame deer. This was on a trip last July. The 60 still shots were also made along the trips, with a Contax camera.

Armour Eye also held their monthly photograph contest last Friday, and invited their guest, Mr. Diedrichsen to act as judge for the contest. This surprised him rather suddenly, and, at first, he didn't want to consider himself a photographer. Nobody took his statement seriously, however, after seeing the pictures, and he was finally persuaded to appraise the pictures. The winners of the contest are:

First class, consisting of pictures of general subjects was won by Mr. C. E. Hammett. His picture was entitled "Barnyard Madonna."

Second class, consisting of pictures of skyscrapers, was won by George Raymond, whose picture was of the Palmolive Building.

R. E. Vernor Tells of Fire Safety at F.P.E.S. Meeting

Mr. Richard E. Vernor of the Western Actuarial Bureau will address the Fire Protection Engineering Society in Room A Main next Friday at 10:30 a.m. His subject is of interest to all: "Progress in Fire Safety Education."

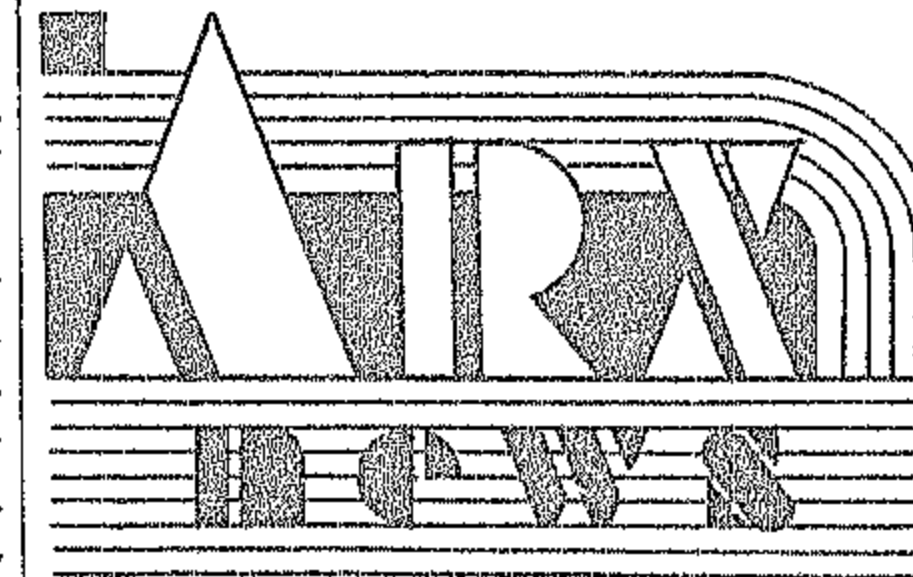
In the October, 1938, issue of the *Armour Engineer and Alumnus* appears an article entitled "Chasing the Fire Demons" written by Mr. Vernor. Manager of the Fire Prevention Department of the Western Actuarial Bureau of Chicago, and in direct charge of the activities of state fire prevention associations in nineteen middlewestern states, Mr. Vernor has made a life study of fire waste and fire prevention. He is considered the country's outstanding expert in the field of community fire prevention.

Much of his time is devoted to work in the National Fire Waste Council, one of the agencies in a nationwide fire prevention program.

Alpha Chi Sigma Pledges Initiated at U. of Illinois

The Armour and Northwestern chapters of Alpha Chi Sigma held a joint meeting and initiation ceremony with the University of Illinois. Northwestern was represented with 11 men, while the Armour chapter had 29 actives and pledges.

A dance was held Saturday evening and dates were arranged for the visitors by the Illinois chapter. Initiation ceremonies were held Sunday afternoon with a banquet in the evening.



Here we are, Thanksgiving over and Christmas in the very near future. Oh, if school could always be just like it is now. During November and December: 50 per cent school, 50 per cent vacation. Mmm!! 'Tis certainly a festive time: Beau-Art Ball, turkeys, "sweet potatoes," Santy-Claus, etc.

The Beau-Arts Ball was a much talked of affair last Friday and finally became a reality Saturday night. Quite a number of ye arx received "invites" to work for the ball, thereby gaining admittance to the grandest occasion of the year. For those not so lucky, the capitalists were admitted with 6 per couple, plus 10.

Danforth (pretty-boy to you) came back from his trip to Cincinnati none the worse for having attended the Scarab Convention. He says, quote: "... unquote. Casanova Goldsmith certainly has a way with the gals. We asked him how he does it. He replied: "It's just un-natural." Is zat so!

Did you see SPEYER'S "Evolution of the Butterfly"? It had that certain umph, umpa. . . .

LOST: One boy, aged 19, hair on head, shoes on feet, with that look in his eyes. Answers to: VIREN. Please call C-7080.

Famous Words: "The test will be on 3-hinged arches and centroids."

Musical Clubs Contribute Ten Outstanding Men to Pi Nu Epsilon Pledge List

Ten outstanding members of the Glee Club and Orchestra were pledged into Armour's honorary musical fraternity, Pi Nu Epsilon, last week. Four men of the Orchestra were pledged: P. M. Hoffman, H. Doolittle, W. H. Mashinter, and W. Caldwell.

Members of the Glee Club pledged were: H. R. Coyle, S. P. Finnegan, J. D. Keane, J. R. Kotal, B. K. Lyckberg, and E. H. Worcester.

The pledges are wearing pearl gray and red pledge ribbons and are required to write 500 word themes on musical subjects. They must also obtain the signature of every member in both musical organizations.

Pi Nu Epsilon was established at Armour Institute in 1927 for the purpose of honoring those men who have been outstanding members of the Musical Clubs.

What do we get? Cantilevers, finks, formulae, broken pencils, headaches, and aspirins. Mmm.

Sophomore Pehta tried to get a ride in one of those new ambulances Friday. He tried to cut his leg off with a chisel, so as to make the Arx News. He almost did cut it off.

Sophs have gone Daniel Boone-ish, what with the making of log cabins, piece-by-piece.

You should hear the freshmen, Michelson and Coyle, play on those "sweet potatoes." Mighty good. They're practicing for the next meeting of the A. A. S.

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