Hold Election of Officers for New Branch of Society

Faculty Members to be Honored Guests

12:20 in the Physics Lecture room. macro-analysis. As it will be for the purpose of formterested in the society attend.

ization had an interesting meeting. After supper in the north dining hall sults. of the Student Union the group adjourned to the west meeting room, vice president; John Barale, secretary; and Bernard Oswald, treasurer.

Fallacies Explained

After the officers were elected Professor H. P. Dutton spoke on "The Relation of the Personnel Department to Modern Industry." In this talk Mr. Dutton pointed out the popular fallacy of believing that higher wages will increase business production and thereby decrease unemployment. The trend should be in the opposite direction Professor Dutton said. He proved his point by citing that the cardinal reason for losing our arms market to Germany and our cotton market to England was the high wages imposed upon the finished product. Because of the decline in foreign trade, American production decreased and relief rolls increased. If the high wages are to continue, there is little hope for immediate recovery. The wage trend, according to ! Professor Dutton, will be definitely downward.

Enrollment Peak Passed

Mr. Dutton also pointed out that the maximum student enrollment has been reached. At present there are many vacant seats in the grammar schools indicating that the enrollment peak has passed. This, Professor Dutton said, was reason enough for Armour Institute not to expand.

Because of sickness Mr. Mason Smith, the Personnel Manager Marshall Fields, was not able to present his talk on personnel problems.

Mechs Feature Student Speaker

Student speakers are to be featured in a new series of A.S.M.E. meetings starting this Friday at 10:30 in Science Hall. Bernard Oswald, M.E. '39, will be the first speaker and will start the series of three discussions on steam plant engineering. His talk is entitled "Modern Boilers" and will be illustrated with moving pictures. All types of modern boilers will be discussed in regard to methods of operation, efficiency, adaptability, and the various other elements pertaining to the proper selection of a boiler unit.

The material of this lecture will be augmented in the following two meetings by "Modern Stokers" and "Pulverized Fuels." The material for these three lectures is being furnished by the Combustion Engineering Corporation, New York, manu- the new director. facturers of boilers, stokers, and other steam equipment.

This semester, the greater portion of the A.S.M.E. meetings will be devoted to speeches by student speakers in the anticipation of selecting a student to represent Armour Insti- planning in Europe; Professor Petute at the A.S.M.E. convention to terhans is an authority on photogbe held at Lewis Institute, Chicago, raphy; and Professor Rodgers is a this spring.

Officers of the A.S.M.E. have also known in the near future.

Frosh Course Introduces New Chem Analysis

Keeping abreast with new teaching methods, Armour Tech has inchemical analysis for second semes- vate instructors and is concerned An important meeting of the Ar- ter freshmen. The course is called with problems relating to school permour Branch of the Society for the semi-micro analytical analysis and is sonnel. Advancement of Management is a cross between the two widely plarned for Wednesday, Feb. 22, at known systems, micro-analysis and

Micro-analysis is the detection of ing the policies and committees, it is the different elements in unknown extremely important that both the compounds using very small apparactive members and all students in- atus and extremely sensitive balances. It involves extraordinarily Last Thursday evening, the organ- careful and accurate laboratory methods in order to obtain good re-

Work at schools which give such a quantitative course is usually carried where officers for the remainder of on in the very early hours of the the semester were elected. Tom Col- morning. This is to prevent vibralier was unanimously awarded the tion of passing motor cars and other position of president; Irving Footlik, vehicles from disturbing the balances while materials are being weighed. The microscope is an important part of this work and is used in detecting slight changes in color and molecular structure of materials during chemical reactions. A centrifuge is used for precipitation of ions. The centrifuge resembles a small hand operated grindstone. It contains two or more small, tapered containers in which the tubes of materials are placed. When put in motion, the containers revolve at tremendous speed, the particles of precipitate rapidly being forced to the bottom of the tube.

Macro-analysis, formerly taught at Armour, accomplishes the same purpose that micro-analysis does, but requires different methods. Apparatus twenty times bigger and much larger quantities of materials are (Continued on page four)

Introduce Mies van der Rohe At Arch Dinner

Rohe, Armour's new director of the and Dean C. A. Tibbals Special Architectural Department, is to be tables will be arranged for party presented to Armour Architectural groups, and may be reserved as soon Alumni at the All Architectural Ban- as the bids are purchased. The bids quet to be held at 6 o'clock Friday | are \$5.50 and cover the cost of dinevening, February 24, 1939, in the ner and dancing. Union dining hall.

education founded by Professor van concerning formal dress. der Rohe.

An exhibit of some of the work of the new director, which appeared recently in the galleries of the Art Institute, will be set up in the lounge of the Union. It is composed of enlarged photographs of his most famous works, including his famous Germodern skyscrapers, and scale models with the finest detail and care.

This banquet is expected to rival the very impressive banquet at the Palmer House last fall in honor of

Professor van der Rohe is considered to be the most eminent professor of architecture in the world and is known as a famous architect in Europe. His associate, Professor Hilberseimer, is an authority on city well known American architect.

announced that an inspection trip operation of the entire architectural close observation, could notice one through the south-eastern Chicago student body, is sponsoring this ban-professor after another holding his industrial area is being planned for quet, which President A. M. Richard- nose as he hurried past "the spot." some time early in March. These son of the fraternity promises will be plans have not been completed as an occasion interesting to former and the tense 'phone call came in to the yet, but full particulars will be made present students of the architectural department.

Dean Tibbals Will Attend College Personnel Meeting

Dean Tibbals leaves today to attend the meeting of the American College Personnel Association, which will convene tomorrow and continue through Friday. This association is made up of deans from American troduced a new system of analytical colleges as well as a number of pri-

One phase of this years convention will be a discussion of the use of educational tests such as those conducted by Professor Krathwohl here at Armour. Other topics of in terest to the assembled members wil be discussed at the meeting.

Choice of Menus To Be Offered at The Junior Formal

will be an abundance of excellent food, good music and gaiety. Chairman Don Chariton has completed arrangements for the eight-course dinner which offers the famous cuisine of the Congress Hotel. The menu selected is:

Supreme of Shrimp and Crabment Cocktail Celery Radishes Olives Consomme Cultivateur Unjointed (half) Fried Chicken

Broiled Lake Trout Maitre d' Hotel Buttered String Beans Au Gratin Potatoes Florida Salad-French Dressing lce Cream Pie (Raspberry and Pistachio) Petits Fours and Cookies Coffee - Tea -- Milk

Dinner will be served from ten thirty on, so that a choice of main courses may be made after midnight if desired. Dancing beginning at nine thirty, will continue through the serving of the dinner and will last until one thirty. The sweet music of Griff Williams added to the tasty food of the Casino service, offers a combination that will make this year's formal the real highlight of Armour's social calendar.

Included among the guests of honor will be President and Mrs. H. Professor Ludwig Mies van der T. Heald, Mr. and Mrs. G. S. Allison,

his associates, Professors Hilber- Clark, Ernest Mandel, and Gene room of the Student Union. Mell, Harper and Krehbiel. The pur- ton will be in the lounge of the of the new quarters in the Student

Offer Two New Physics Courses

In an effort to bridge the gap between sophomore and graduate physics, the physics department has announced a new intermediate course in the theory of wave motion sound, and light. This particular course is one in a proposed sequence of five courses, the scope of which includes a further study of the main subjects considered in sophomore physics. In addition to these topics, the course as a whole investigates such advanced subject matter as rockets, planetary motion, vectorial analysis, and the application of mathematics to physical theory.

First in the series is physical mechanics, which presupposes a knowledge of differential and integral calculus and engineering mechanics.

Potter Is Instructor

Mr. J. G. Potter, who conducted the intermediate course in physical members of the dance club, and mechanics during the past semester, is conducting the course in wave motion sound, and light. He stated that When the Juniors lift the curtain his class last semester was limited to on their formal, March 10, there a few students because of program difficulties, the few die-hards who took the course turning up at 7:30 a.m. in order to fit it into their programs. By giving advance notice of the classes, and by proper adjustment of the hours, the department will make it possible for every student desiring to take the courses to do so.

Another new course offered by the physics department is being conducted by Mr. S. J. Black. This is a non-credit course in physics laboratory theory and technique. The purpose of this class is to instruct the students in the use of instruments, in the interest of improving the quality of their experiments, the course including the theory of precision, limits of accuracy, and other related subjects.

It is expected that this class will result in more accurate experiments, for the instructors have noticed that carcless, incorrect work is due, in many cases to the students' spending too much valuable time on learning the intricacies of the apparatus.

Dance Held in Student Union by Faculty Wives

Bright lights, gay music, and charming ladies heralded the first collective dance sponsored by the Faculty Wives Club last Saturday vey being made by a member of the evening. Mrs. Swineford, hostess, di- registrar's office staff in an effort Invitations are now in the hands rected the functions of the gay af- to determine how the average stu-President Heald will preside and of the social committee consisting of fair. The dance was preceded by a present Professor van der Rohe and Don Charlton, chairman, Jack dinner served in the main dining

seimer, Peterhans, and Rodgers. Worcester. They may be purchased. Although functioning quietly the Other architectural faculty members from any of these men or from the club has been active in the Institute present will be Professors Dornbush, class social chairman. Don Charl- for over two years. The completion pose of the banquet is to acquaint | Student Union at one o'clock every | Union affords unusual opportunities | former students with the new prin- day except Wednesday, and may be for social affairs and the members sults-how about it fellows? ciples and program of architectural contacted for bids or arrangements are enthusiastically planning future

The Secret of the Dead Rat, or From Where Is the Smell Coming? Phew!

By ART HANSEN

man Pavillion, housing projects, early beset the maintenance department of skunks or slightly aged eggs." They of small and large houses executed haps you too, dear student, have no- chaser said sweetly, "Send it rush to ticed this activity, the hustle and bus- A.I.T." tle in the main lobby of our hallowof either M. Norvegicus or M. Alex- strong." andrinus, or perhaps even M. Decumanus or M. Rattus.

At last reports, the maintainence staff was still busily tearing out the walls in said lobby of Main with the undying determination to find "Brother Rat" who was either dead Scarab Fraternity with the co- or dying. The casual observer, on

Munitions, Inc. was overjoyed when order desk: "Fifteen hundred of your drawn from the whole thing is . best gas masks, capable of offstanding nuts!

Great and spontaneous activity has, an odor worse than hydrogen sulfide, the school during the past week. Per- were further surprised when the pur-

Fumes, Ltd., manufacturers of fine ed halls. The grim facts must now Paris perfumes also received a rush be divulged. There's a rat in the call. "Armour Institute requests that school! Yes, we know that sometimes you immediately send fifteen quarts you call your dear fellow classmates of your "Evening in Paree' and anjust that, but this rat (or rats) is other fifteen quarts of "Gay, But a true member of the rodent family Naughty" perfume. And make it

To the disgusted student and nauseated bystander, however, these efforts were looked upon with disgust. "Nothing," quoted one, "can remedy the odor of a dead rat. There is hope, however, if the rat is dragged from his nocturnal hideout and carried to made for the formation of two teams, the middle of the lake, thence sunk if the interest shown is large. This with kilogram weights tied to its odoriferous personage to a depth of in intra-school competition. 100 fathoms."

Musical Clubs Present Annual Concert at Goodman Theater

Dance Club Opens Coed Date Bureau

Tomorrow, during the regular meeting of the dance club, the members will make arrangements through | great classic, Honor and Glory, playthe dating bureau for dates for the ed by an unseen orchestra. dance to be held February 24.

On February 15, the dating bucommittee is composed of the executive body, with Albert Kunickis, chairman, and James Duncan and Charles McAleer, assistants.

This bureau is to be open to al card index of all girls expressing desire to attend Armour functions on file. These cards contain information as to whether the girl is tall, short, blonde, or brunette, and as to The Red Man's Death Chant. the type of partner she prefers.

By becoming a member of the club at the meeting tomorrow in the West Room of the Student Union at 5:15 p.m. one may obtain a membership card which will admit him to the social and provide him with a date.

Students Requested to Fill in Questionnaire

Leading all other groups in returning the questionnaires enclosed in their grade envelopes, the seniors have a total of twenty-five percent returned. The results from the other groups are:

Freshm	121									 	•			 .]	. 3	\$ (10
Arch.											. ,	 	. ,	 2	24	1 4	10
Ch. E.																	
C. E.																	
E. E.																	
Sci					4				•			٠			3	1.	%
FPE.								٠	,		•	,			2	1	%
M. E.		_													1	5	%

These questions are part of a surdent at Armour spends his time. There is no reason why a one hundred percent return should not be obtained since the blanks require only a minutes' time and need not be signed. Last week was the second week since the sheets were sent out and it's high time for some real re-

Propose Organization of Debating Team at Armour

Armour Institute is to be represented by a debating team in the very near future, according to a recent announcement by the English department. Merrill G. Christophersen and Walter B. Fulghum have been approached by many students in the last few weeks and have given their approval to the formation of a debating organization.

Many colleges close to Chicago have debating teams and are in competition with each other throughout the year, therefore locating teams to compete with should not be a difficult task.

Debating activities will give an opportunity for the use of logical argument and scientific method as taught in the present sophomore English courses. Tentative plans have been will enable the members to engage

Student Union.

Numerous Soloists To Highlight Program

Before the curtain rises on the fourth annual Goodman Theater concert of the musical clubs, to be given Thursday evening, February 23, at 8:30, the audience will be thrilled by the tumultuous strains of Bergh's

As in the past, the program will be punctuated by the performance of several soloists. Several of these reau committee was elected. The soloists will be from the orchestra and the rest are members of the glee club; all are the ultimate of Armour perfection.

The soloists are: W. H. Mashinter, violinist, who will render Rimsky-Korsakow's Chanson Indove; J. D. Charlton, trombonist, who will solo in a Ave Maria; P. H. Woods, oboe, who plays Pale Moon; Harold Doolittle, is trumpet, who will play Elsa's Dream; G. E. Danforth, piano, who will offer his rendition of Malequena; and T. W. Yeakle, baritone, who will sing

Play to Packed House

It has been the ambition of the musical clubs since the first Goodman Theater to pack the house, and from all reports it looks as if this ambition is about to be realized. Practically every ticket in the house has been sold, and a last minute drive is going on to have a complete sellout.

This year the program will be entirely different from those of previous years. The program will be: Orchestra

Creation Hymn Beethoven Silent Strings Bantock The TrumpeterDick Glee Club Agnus DeiBizet

Elsa's DreamWagner Intermezzo from "Jewels of the Madonna" Wolf-Ferari

Orchestra The Open RoadMallette Hymn to the Night.Campbell-Tipton

Finale from Overture "1812" Tschaikowsky Glee Club and Orchestra

Intermission Kentucky Babe

(Continued on page two)

Redman's Death Chant......Bliss

Glee Club

Robert Jaffee Wins Tau Beta Pi Contest

Robert Jaffee, former managing editor of the Armour Tech News, was chosen winner of the Tau Beta Pi pledge essay contest. Mr. Jaffee's story on "A Philosophy of Life" was awarded the \$5.00 prize, and is now in competition with the winners of the other chapters. In March the National Council will select the best essay and announce the winner of the \$50.00 prize.

When complimented upon his good fortune Bob said, "Oh . . . I won five bucks, but it's all gone now."

At a meeting last Thursday, the by-laws of the Armour chapter were passed and approved, and the announcement that pledging will begin within the next two weeks was made.

In 1855, at Lehigh University, the first chapter of Tau Beta Pi was born, its purpose being to mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates of engineering and to foster a spirit of liberal culture in the engineering colleges of America.

Established in 1906, the Illinois Beta chapter of Tau Bete is the oldest honor organization at Armour. Membership in this organization is limited to the upper eighth of the junior class, and the upper quarter Prospective debaters are to meet of the senior class. At present there The only conclusion that can be for the purpose of organization this are fourteen student members—all Friday at 10:30 in room 2E of the of whom are seniors-and thirty faculty members.

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February 21, 1939 Vol. XXIII

traternity

By BERNARD STERNFELD

All fraternity notes must be received by the

fraternity editor before 5 P.M. Thursday in

DELTA TAU DELTA

comes to putting on parties, dedicat-

ing weeks to something or another,

etc. . . . A little thing called a

Mother's Tea was run off last week

THETA XI

ing, all of him

man Pederson.

up on him.

TX has come up with a February

ward Mock, and William Manstrom.

PI KAPPA PHI

tain: The mighty Lask is going to

PHI KAPPA SIGMA

be able to vote next February.

. What Mother's Tea has to

order to appear in the next issue.

Irvin Dzikowski

Ralph Erisman

R. Abrahamson

Roger Smith

Assemblies

day, the motion pictures which were shown in the their interest in it.

auditorium were seen by an audience that was only one-half what it should have been. This was in spite of the fact that the pictures were of definite interest to engineering students, were quite entertaining, and were of a sort that have proven popular here in the past. All these qualities should have made the program one of the best attended in the year. The fact that it was not seen by many students provokes thought.

Publicity is one thing which must be given to any program in order to make it a success. If it is not brought to the attention of the men, as a whole, they cannot be expected to respond. In this case, notice of the assembly was not posted on the bulletin board until the day before the meeting took place. There was no notice in the NEWS; no announcements in classes. This did not give the students adequate time to learn of the affair. The appalling lack of publicity accounts for the lack of attendance at this program, as well as at others.

That good publicity can bring a capacity crowd receives full blame. to a lecture was proven by the Polaroid talk, given by Mr. Wheelwright. In this case the lecture was adequately planned well in advance. The news was spread around the Institute by all available means. As a result the students flocked to Science Hall to hear what it was all about. This came about not only because the subject of the lecture was natural. ly appealing to men, but because it was brought to D. Mackey, W. Mackey, D. Mineythe, H. Schanger, L. R. Under- their notice in a manner which aroused their interest. Every student knew about it and wanted to Lord Chesterfield were?

If the institute officials will follow the general plan that they used in the Polaroid lecture, the attendance at the various assemblies which they plan for the students will be much better. Lack of student interest, now a serious item, will be overcome. I client's. All this can be accomplished quite simply by adequate planning of the assemblies, in advance, and It is a regrettable fact that the attendance at the then a good campaign of publicity to let the stuschool assemblies is not what it should be. Last Fri- dents know what is on the calendar and arouse

CO-OP NEWS

H. Krantz

All Co-ops take note: If you are interested in abolishing membership dues in the Co-op club, attend the meeting of the club, scheduled for smooth curves - - -" Friday, February 24. Time of meet-The Delts get the palm when it ing: 10:30 A.M. Place: Assembly Hall in the Student Union. Discussion of dues and automatic membership will occupy the major portion of the time. Freshmen are especially in- was." vited, and all Co-op classes schedued for this hour will be dismissed.

do with a flock of actives ploughing through a field of sandwiches is something only a Delt can answer. abolished, and should all co-ops auto- ed, "How do you know?" Tomorrow is the beginning of a matically become members of the club. week to be called Courtesy or Play Week. Talcott, who is handling the fraternity publicity, says it is a gala occasion. He should know . . .

TRIANGLE

entrant by the magnificent handle Howie Coyle's gang from the Triof Sheldon Paul Stein. He's pledgangle outfit finally called quits to Hell Week last Sunday . . . The Beta Omega Nu has selected three five survivors were guests of honor TX actives for pledgeship. The at a swell feed thrown downtown lucky lads are William Graf, Ed-.... They probably had good appetites, if hard work means good appetites. In fact, they worked so hard that the police have hinted that The Pi Kaps are mighty close they may do a little work for the mouthed on their recent Hell Week state in the way of rock breaking. ... All I can wring out of their If the various articles brought in releases is that the eight '42's came during last Wednesday's scavenger through in fine style and showed that hunt are returned, this last item they could take it. Seeing is be- may be avoided

lieving . . . Take a squint at the fol- | The new actives may be identilowing freshies: Vladimir Filko, fied, if that is possible now, as Carl Franz, Russell Freedain, Her- Lawrence Beebe, Ed Clark, Frank bert Hansen, Richard Harper, Haase, John Woods, and Harry George Hoff, Edson Loftus, and Nor- Quandee.

.... Pledge pins were slapped on The last initiate is a whiz on a six, shiny bright pledges to replace two wheeler . . . Managed to place those lost by initiation The in the amateur bike race that fea- pin wearers are: Lloyd Adams, John tured the opening of the Stadium's Balsewick, James Barnabee, Eugene bike racing season To Clar- Irwin, Harold Johnson, Charles Mcence Laskowski's precinct cap- Mackin.

RHO DELTA RHO

selected the lambs for the slaughter been a large increase in enrollment, Boul. Mich. hangout was a tune- by such humanitarians as Salz- to forty-four. up for the Junior Formal The man and his crew of Arx cutthroats, For the convenience of those who mommers and poppers are going to Bi-swing Rothenberg, and the ter- bring dates to the concert, plans have be given a chance once a month to rible Welsch. The slogan is now been made to go in a body to one of see how their pride and joy spends "The only good pledges are dead the downtown hotels, where special time and their money. First chance pledges." Sonny Weissman has prom- arrangements have been made to comes the 25th of this month | ised to help make good on the slogan. | eliminate the cover charge or mini-One pledge, Gus Mustakas, was Pins have been hung on a couple mum. This has been done to accomcollared and draped with a pin. Who- of February men and a brace of odate those who want to go someever wrote the publicity release on '41's. The latest additions are Ed- where nearby after the concert, but this lad pinned the following build- ward Franks, Aaron Kolom, Nathan who do not want to pay the price

are required for entrance. Each time the black India "feather" records a point, "Blotto" must be screamed in no uncertain manner.

Ben Kallevik, 4A, in a recent discussion on the plotting of a graph for a laboratory experiment: "Well, what do you care. All we want is a few

Prof. Winston (teaching thermo to 3A's in Dr. Anderson's absence, and addressing a certain dozing pupil):

"Are you sleeping?" Student: "Not right now, but I

When the freshmen co-ops razzed

a certain instructor, the prof. ironi-Two of the questions to be voted on | cally exclaimed: "Well, it's nice to be at this meeting are: should dues be liked," after which one student ask-What would happen if: Bernard

John Croak, 1A, president of "The Domenz, 1A, lost his singing voice? Blotto Club." announces that Bob "Fresh-Air" Garvey, 4A, forgot to McMacken, 1A, is leading with well open the windows during any one of over 100 points. Seven blots on any his classes? K. J. Kleinwachter, 4A, other wise acceptable drawing plate couldn't find an audience to listen to his "Travel-talks" about Yosemite National Park? Ed Ruhe or B. J. Nigrelli, 4A's, lost his piochle deck; C. T. Streit, 3A, quit smashing up his car (the other fellow's, too, for that matter)? Andy Blaida, 4A, were bigger than Stanley Zalewa, 4A? (Stan was instrumental in badly damaging Andy's 75 cent slide-rule case).

According to the 3A Co-ops, Prof. Winston's favorite expression in asking for opinions of students is, "How do you feel, brother?" The response is usually "Not so well."

CONCERT-

(Continued from page one) Pale MoonLogan Chanson Indone ...Rimsky Korsakow Maleguenia Arr. by Grofe Orchestra

Musical Clubs Program

The SleighKuntz-Baldwin Song of the Jolly Roger....Candisli Glee Club

Ballet WaltzTschaikowsky Rangers SongTierney Glee Club and Orchestra

Alma Mater Everything points toward this as the finest concert ever presented at Goodman Theater by the musical The boys atop the news room clubs. During the last year there has Honor of running first dance of last Friday eve. A Hell Week, that's swelling the number of members in new semester goes to Phi Kaps going to make past Hell Week's ap- the glee club to seventy-five and the Last Saturday's Radio Dance at the pear like pink teas, is being prepared number of members in the orchestra

Iglitzen, and Marshall Newmark. usually charged at downtown hotels.

The Slipstick

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

Editor of Slipstick:

Have you heard the one about the butcher who accidently sat on the meat grinder? It seems he got a little behind in his work.

If you can use this I know of a great many more.

Thank you, Ee jaybee.

Dear Eeejaybee:

the above letter from you. This col- be interviewed by this Winnetka umn will be glad to print any item | qal's momma before she would allow which its readers think worth print- her daughter to accompany him. ing. Just drop your contributions in the Armour Tech News' Box in the bookstore. Remember the sender these flaming youth of today.

Yours for more jokes, Hi Yo Silver.

Help, Help, Keep this Column.

Prof. Olsen: And when Lord Chesterfield saw that death was near he gathered all his friends around him. But before he died he uttered those last immortal words--who can tell me what the dying words of

Frosh class (in chorus): They satisfy.

Dr. Larkin (in Constitutional Law): In the legal world, what's right is right and what's left is the

Everything that could be done to make the great unemployed meeting a success had been accomplished. A large hall and a good speaker had been engaged. When the latter arrived he seemed to be in a crabby frame of mind. Looking around he beckoned the chairman.

"I would like to have a glass of water on my table, if you please, he said.

"To drink?" was the chairman's idiotic question.

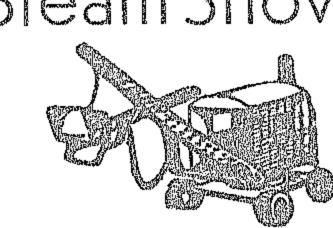
"Oh no," was the sarcastic retort, "when I've been speaking a half hour I do a high dive."

First Communist: Nice weather we're having.

Second Communist (grudgingly): Yes, but the rich are having it too.

She laughed when he sat down-But when he played!!!

The other day Yeakle and Windblad were nodding wisely at each



Our big, broad, blushing and bold man of the week is soph ROY JACOBSEN. By the grapevine it has leaked out that the glamourous little gal named CYNTHIA which he took to the soph dance was truly Also . . . that he had to have her home at 2:30 at the very latest. Oh,

IT LOOKS BAD FOR CERTAIN JUICE STUDENTS, ESPECIALLY FOOTLIK. DUE TO HAVE THEIR CYCLE PICTURES TAKEN DUR-ING PROF. NASH'S JUICE LEC-TURE, THE ABOVE MENTIONED STUDENT BEGGED AND PEST-ERED TEACHER TO LET THE BOYS OUT, BUT TEACHER SAID NO. AN ENVOY FROM THE OF-FICE BROUGHT LIKEWISE RE-SULTS. DANNY (PIC) JACOBSEN FINALLY STEPPED INTO THE BREACH AND SUCCEEDED RELEASING THE CAPTIVES.

Sig (Artist Model) Moculeski had the boys, especially the seniors, in a dither last week with that art book full of photographic gems of artists models (very artistic, giving you the BARE facts). The baritone section of the glee club was in an uproar and could hardly sing a note other and then looking pityingly at the rest of the class. When asked the "Why for" they explained that they had just read Thomas Edison's statement that only two men in a hundred are intelligent.

Son: Father, what is a chemise? Father: A chemise, my son, is a lady chemist.

It's a funny world. If a man gets money, he's a grafter. If he keeps it, he's a capitalist. If he spends it, he's a play boy. If he doesn't get it, he's a ne'er-do-well. If he doesn't try to get it, he lacks ambition. If he gets it without working for it, he's a parasite. And if he accumulates it after a lifetime of hard work, he's a sucker.

> So long parasites, Hi Yo Silver.

at rehearsal due to the circulation of the book (that solves the mystery, "O. G.").

We suspect RUSS (PANCHO) KCTAL uses cement instead of grease on his gears in his Chevie (or 's it molasses?).

Next Thursday night is the night of nights for the glee club and orchestra. Then they will give their annual Goodman theatre concert before a sellout crowd. It will be a grand treat, providing Yeakle doesn't sound like a dying cowboy in the "Red Man's Death Chant" and that I was quite surprised to receive only 16. Not only that, but he had to Mashinter gets the frogs out of his "cigar box." We hope to see Gromak and his mad Russian act again.

> "FRITZIE" (STUMBLE) SCHULTZ HAS THE WRONG AT-TITUDE ON WOMEN. THIS. HENCEFORTH, AND IN THE FUTURE HE WILL (WE BET) NOT MAKE REMARKS ABOUT CERTAIN PEOPLE'S WIVES WHILE THOSE CERTAIN PEOPLE ARE WITHIN EARSHOT, OR BE SHOT.

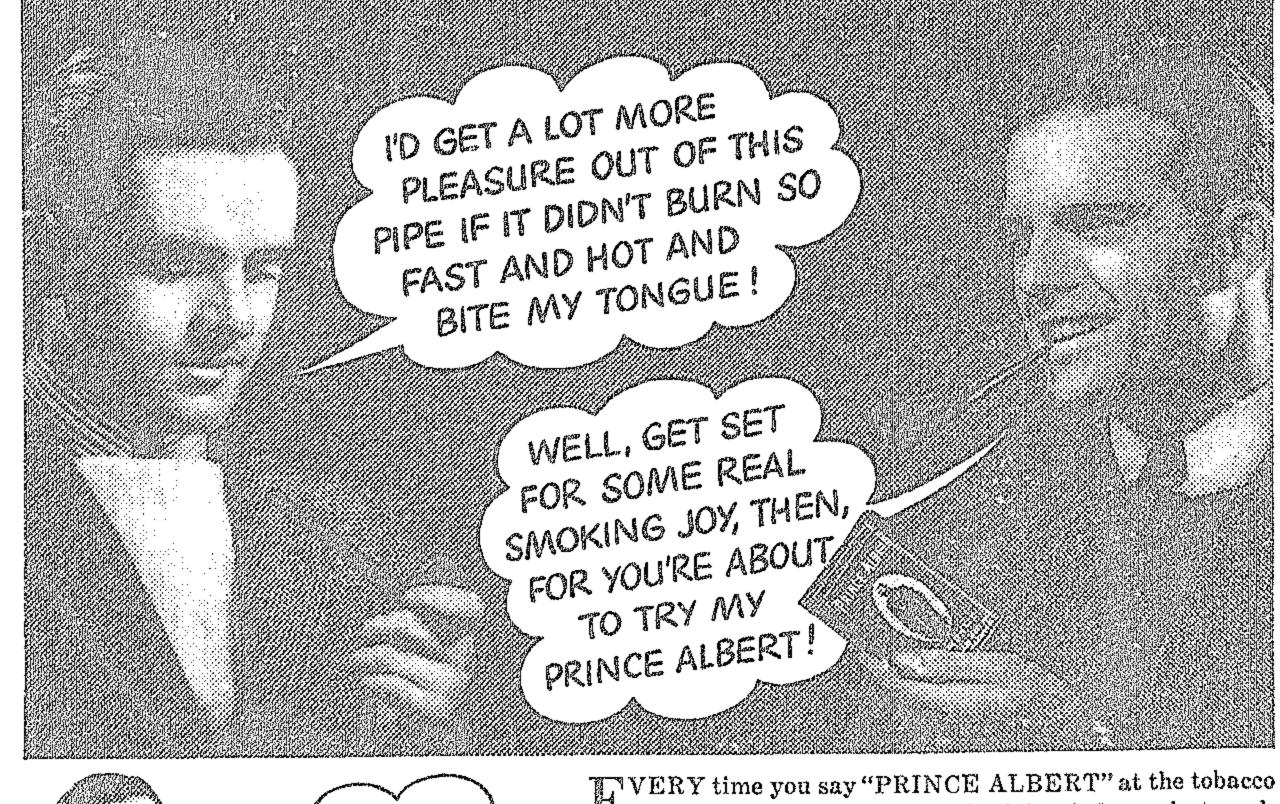
"Sonny" Weissman, the Gay Giggolo of the Mission building, has promised to bring five (5) (no less) (absolutely) (yes, we said five) sizzling glamour girls to the first dance club social. Personally, we're from Missouri (and have to be shown).

Incidentally, "Sonny" volunteered to join the glee club, but his generous offer was received with catcalls and

Social note: JOHN DOYLE and DOUGLAS RIESER (the little cutups) were busily engaged in their favorite pastime in the lunchroom last week cutting out the CUTEST paper dolls.

As "Doc" Catlin gazed fondly on the picture of screen star Frances Drake in the Mechanical drafting room, Prof. Winston strode in. With a stern look on his face he instantly removed the picture from the wall as Doc cringed in a corner. The last fierce remarks of "Brother" Winston were muttered thusly: "Hm-m-m, not bad. I think I'll hang this on the office wall.

Nothing bashful about Armourites. Consider . . . Paul Foss was observed (and we dont mean maybe) riding down to school on the Logan Square "L" the other morning with his girl friend riding on his lap all the way down to the loop (Whats her 'phone number, Paul?).





Licounter you get around 50 pipefuls of the coolest, mellowest smoking a fellow could ask for. P. A.'s "no-vite" process removes harshness, but leaves in the GOOD, RICH TASTE of P.A.'s CHOICE TOBACCOS. The "crimp cut" PACKS RIGHT, DRAWS EASIER. There's no other tobacco like Prince Albert. Get the big red P. A. tin today. Copyright, 1939, R. J. Reynolds Tobacco Company

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

Techawks Drop Pair; To Battle DeSales in Season Finale Today

Three Seniors Play Last Came

Today, at the 108th Engineers a game so far this year.

Taking the floor for their last | them. game as Armourites will be Co-Captain Ed Swanson, Bill Hoffman, and Al Kubicka while Joe Janicek and Co-Captain Paul Henriksen, the other seniors on the team, will watch from the sidelines. The latter two have been shelved by injuries which terminated their college careers earlier in the year.

DeSales Victors in Toledo

In their previous meeting in Toledo, the Ohioans won out in the second half, 51 to 35 when the Armour players tired before the constant flow of fresh DeSales substitutes. The Techawks had little trouble matching the Toledo squad in the first half until the last minute of play when the DeSales boys started throwing them in from all over to take a one point lead at

half time. In the second half, the home team opened up and using a fast cross court passing style of offense doubled the Armour score of 15 points for the period. The Techawks were distinetly at a disadvantage, being unable to cope with the new attack. However the last week has found the players analyzing the DeSales of fense and setting up an appropriate defense.

Visitors High Scorers

The DeSales team can be rated second only to Detroit U. on the Armour schedule. The Toledo squad has run up totals of 82, 79, 64, 54, and 51 points in five of their games and in doing so have been able to control the ball for such a long period of time that the opposition had very few chances to score.

Probable lineups:

DeSales	Armour
Thompson, f	Norkus, f
Smith, f	O'Connor, f
Holtie, c	Swanson, c
Durst, g	Kubicka, g
Mosser, g	Scherer, g

Cardinals 29, Armour 25

Coupling deadly shooting with smooth ball handling, the North Central quint defeated the Armour five 29-25 in the Techawks final road game of the season. Bouquets for the evening's performance should go to Eddie O'Conner who played a bang-up ball game in spite of a recurring illness.

As has been tradition for the past years, the North Central game was nip and tuck throughout the entire game. Despite the fine fighting spirit the Techawks displayed, the best they could do was to finish second to their arch-rivals, the Naperville Cardinals. The North Central offense consisted of a variety of blocking plays which all reverted to the pivot-man, Keith, who, in turn, would feed the forwards.

Tiefenthal Leads Cards

North Central took the lead early when Tiefenthal drove in the center basket a pair of dribble-in shots. These two buckets were matched by Armour's new star, Ed O'Connor, who dropped in a pair of long shots. What the Techawks lacked in ability, they made up for in fighting spirit and were able to hold the superior North Central team to a three point lead at the half, the score being 13-10.

The type of play in the second half was a repetition of the first half with the Cardinals increasing their lead to four points, making the final tally 29-25.

North Cen	trai		} :	Armonr	$\{29$	i)	
	$^{\rm B}$	\mathbf{H}^{n}	E>		\mathbf{B}	\mathbb{R}	Ex
Morin	6	4	0.	Norkus	2	1	1
Oesterle	0	1	* .	Sliwa	1	8	8
Bettinger	2	1	0	O'Connor	2	0	3
Umbright	1	0	1	Swanson	4	1	2
Keith	2	ß	0	Scherer	1	Q	3
Stackey	0	2	2	Kubicka	0	1	Ą
A use ready.	1	O		Weber	0	2	2
Tiefenthal	4	1.	4	I			
Beebe	0	- 0	0	İ			
				`			-

10 5 15

10 9 9

Last Minute Rally Falls Short

Failure to carry through a first

Detroit started out with a rush scoring two baskets in quick succersion on two long push up shots, and held an advantage until late in the half. With the score 13-9 against them Armour, with the aid of baskets by Scherer and O'Connor, tied the count at 13-13. For the rest of the half, the lead changed hands several times. Fox gave the visitors a one point lead on a free throw, but "Swanie" put Armour in front again with an overhead shot from the side. Logen then dropped in a basket giving the Detroiters a lead which they never relinquished. Swanson dropped in another side shot before the end of the half, but Detroit scored 5 points to give them a 21-17

The second half started off slow with both teams missing set ups. The visitors added to their lead through the shooting of Fox. With score 32-23 against them the Tec- have been in bed, sniffled his way hawks came up to 5 points on Sliwa's two field goals. After this rally Armour fell behind again and Detroit, on baskets by Zebroski and Qualman, added to their lead and scored a 40-33 victory.

Box score;

Armour	(23))	:	Detroit	Tech (46)		
	Fì	3.	K*		13	F	₹>
Norhus	4)	2	Đ.	Zebroski	5	0	1
O'Connor	ı	2	2.	Fox	4	3	()
Swanson	3	1	3 1	Qualman	2	i	Z
Kubicka	3	Φ.	2 :	Stempin	4	1	1
Scherer	3	\$	0	Krzynton	0	0	3
Sliwa	3	1	(g)	Monroe	0	0	6
Weber	4	4	Ð.	løgen	2	ŧ	2
Sher	Ą)	0	₫ þ				
Hofmann	0	Œ	Ĭ				
							
Tetals	13	7	8		17	6	93



By Jim Fahey

See where the basketball team has Armory, the Armour basketball half drive into the second half cost become mathematical conscious essquad will bring its season to a close | the Techawks a victory in their | pecially Herb Sher who became enwhen it faces the high scoring De- game with Detroit Tech at the gulfed with the mysteries of cal Sales College of Toledo. The latter, Armory last Friday. The Hawks culus. It seems that just before the employing a fast breaking offense bowed to the visitors, 40-33. At half North Central game Herb decided to and an up the floor-man for man de- | time Armour had drawn up to with- | do some calculus in the locker room. fense, have averaged nearly 60 points in 4 points of a tie, and began the Engaging in a duel with a derivative, second half with a 21-17 score against | Herb didn't notice the team leaving the locker room or the attendant locking the door. Until rescued a few seconds before game time, Herb split his time between his calculus and through the key hole.

> Last week, our student union manager received a pleasant surprise referees license from the N.B.A. The served according to our source of information. Congratulations, Sonny.

Seems the flu epidemic is concentrating on Armour. Due to its devastating influences, the track team had to withdraw from the Illinois Relays when too few men were able to get in condition.

The flu didn't stop with the track team but hit the basketball squad 100 also. Norkus spent several days abed while Eddie O'Connor, who should from one class to another. To top it with a case last Wednesday, and although he was able to direct his team in the Detroit Tech game, it was with the greatest difficulty that he managed to talk.

yet, stayed in there and fought eled school spirit.

Third In Row Evens Swimmers' Record

By winning two meets in two days, the Armour Tech swimming team evened up their season's score at three all. On Thursday night the Teckawks nosed out Bradley Polytech 32-30, while on the following night they whipped Kalamazoo Teachers College, 48-30. Both meets

were held at Bartlett pool. the tanksters have not lost a meet, ager Ropek, at 135, easily dispensed Within a week they have taken with Kotula to add five more points North Central, Bradley, and Kala- to the Armour score. At 145, Han mazoo. By defying all rules and na of Armour chased his man all over regulations, Davis of Bradley entered | the mat but lost due to a two minute four events and won them all. | time advantage his opponent had in Armour managed to win the meet the first minutes of the bout. Nithe sending of shouts for help by taking seconds and thirds and by grelli then took down Bell of Herzl winning the medley and backstroke by a decision. event.

Quite a different story was unfolded Friday night when Kalamazoo when he received his professional paid the local squad a visit. Unlike the previous night, Armour won license was very meritoriously de- all events except the 100 yard breast -stroke.

> SUMMARIES --- ARMOUR-BRADLEY TECH 46 VD, FREE STYLE Davis (B.); Rade macher (A.); Huxold (A.). Time -: 19.7. 100 YD, BREAST Hippe (B.); Hutchings (A.); Stowell (A.), Time 4:18.4 100 YD. FREE STYLE Davis (B.). Dodge (A.); Pettes (A.), Time ::59.6. DIVING Davis (B.); Pettes (A.). Points 120 YD, MEDLEY Armour (Blume, Hutchings, Rademacher), Time 1:13.2. 220 YD. FREE STYLE Davis (B.); Dodge (A.); Foberg (B.), Time 2:38.4. 100 YD, BACK Blume (A.); Talcott (A.); Foliory (B.). Time 1:13.7.

SUMMARIES-ARMOUR-KALAMAZOO YD. FREE STYLE Huxhold (A.); Radomacher (A.); Lilly (K.), Time (21.0.) HB YD, RREAST Weaver (K.); Moore (K.) Hutchings (A.), Time 1:17.4. 226 YD, FREE STYLE Dodge (A.). Royce (K.); Smith (K.) Time 2:38.3. 100 YD, BACK Blume (A.) and Talcott (A.). Colburn (K.), Time 4:134 off, Coach Stenger was taken down 100 YD. FREE STYLE Petter (A.); Lilly (K.); Dodge (A.). Time 3:01.4. DIVING Blumberg (A.); Speer (K.); Becker (K.), Points 74.8. 120 YD. MEDLEY Armour (Blume, Hutchings, Rademachert, Time 1:12.4. 160 YD. RELAY Armour (Dodge, Talcott, Huxbold, Pettes), Time -1:24.2.

Our hat goes off to Ed Swanson, fortunate that so few Armour stuwho today will be playing his last dents were able to witness the playdie, while acting as the spearhead of | did, maybe they'd realize that there the Armour attack, has taken sev- are some fellows going to Armour eral beatings under the basket and who have that much desired and cov-

Matmen Whip Herzl, Then Nose Out Purdue

Last Wednesday evening, the Armour wrestlers made a victorious invasion of Herzl Jr. College emerging victorious, 241/2 to 71/2. Severely handicapped by the scourge of influenza which ousted several regulars, the Herzl outfit was able to win only two bouts and had to default to Armour in the 121 lb. class.

At 128 lbs. Harrison of Armour and Potlack of Herzl fought to a tie, Since the last North Central affair, giving each team 11/2 points. Man

> Kazmierowicz Injures Foe Kazmierowicz, wrestling at 165, made short work of Stanley by pulling his shoulder out of joint. Coach Weissman came to the rescue and put the arm back in place with no damage except a sore shoulder.

> Captain Tullgren, at 175, displayed his usual ability by throwing Yablonsky in short time to give Armour another five points. The heavyweight bout had many aspects of a professonal bout and after nine minutes of emitting the fearful groans of a truly professional exhibition, Greenspan of Herzl won the decision over Pocius to give the Herzl outfit their total of 7½ points.

Purdue Comes Close

Facing Purdue here last Saturday, the Techawks won 19½ to 14½ when three Purdue men ended their matches flat on their backs. Hanna, Till, and Tullgren were the victors | fixed. by falls. The victory revenged a previous defeat at the hands of the Boilermakers at Purdue.

128 LBS. Allman (P.) planed Wagner (A.) as hard as any one else. It is un- 135 LBS. Ropek (A.) beat Lindermon (P.). 145 LBS, Hanna (A.) pinned Huston (P.) 121 LBS .- Till (A.) pinned Safford (P.), 6:45 game for the Armour Techawks, Ed- ing of Swanson this year. If they 155 LBS, Tyrrell (P.) beat Nigrelli (A.), decision. Time advantage 4:33 165 LBS. Kazmierowicz (A.) and Post (P. 175 LBS. Tullgren (A.) pinned Toth (P.)

HEAVYWEIGHT Rossi (P.) won from

Pocius (A) by default.

Illimois Normal First Team In Tech Relays

TEAMS ENTER

Although less than a week has elapsed since the last invitation to the Armour Tech Relays dropped into the mailbox, three replies of acceptance have already been received by John Schommer, Director of the Relays. Of the three entries, the outstanding telegram was that which officially entered the Cardinals of North Central, winners in last year's college division.

The honor of being the first to enter the Relays, which are scheduled for March 18 at the U. of C. fieldhouse, went to Illinois Normal last Wednesday. The third entry received was that of Milwaukee Teach-

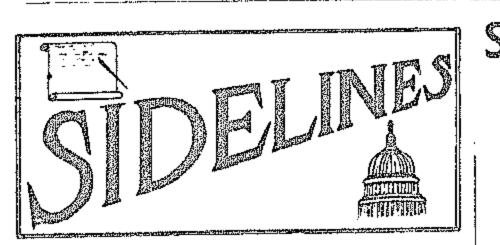
Universities Fail to Reply

Although no replies have been received from the universities, Director Schommer has already been promised the attendance of Wisconsin, Chicago, Northwestern, and Illinois. Several other universities have been contacted and it is believed that the division entry list may be increased from its seven of last year to ten or tweive.

Despite the rapid entry of the three colleges, the entry list isn't expected to increase materially until the last week or so before the running of the Relays. This is due to the fact that most of the places on the various teams aren't determined as yet, nor are the relay positions. Consequently the entries are held up until the team places are actually

The announcement of the entrance of North Central College into the relay guarantees the appearance, barring injuries, of the Cardinal flash, Rikli who last year paced the Redbirds to the championship in the college division. Aside from their star sprinter, the North Central team possesses few stand outs, presenting instead a well balanced outfit which garners a few points in nearly every





BY LEONARD ELGENSON

Spain has been the testing ground for modern weapons of war for two and a half years. The bomber and attack plane have taken the acid test. By means of high flying military airplanes the civilian population of Loyalist Spain has been exposed to frequent air raids. Bombings have not but seemed to strengthen and anger them against the opposing forces.

No terrific loss of life or great damage to property has resulted thus far, in spite of the fact that Madrid was subject to more air raids in two weeks then London had through the tection of buildings and crossing of entire world war.

populations of the large cities has worn off and the people consider the air raids as just one more unnecessary and unavoidable evil resulting from war. In fact pictures have been pub- the tube or not. lished in the newspapers and magazines showing residents of Madrid causually going about their business | and after tunneling in order to dewhile enemy bombers fly over head | termine whether there has been setpreparing to drop 500 or 1000 kilo- tlement of any building. Some of the gram "eggs."

Anti-aircraft guns make it necessary for the slow flying bombers to keep an altitude of 15000 feet or more. Arguments may be presented tain a high speed. Adequate support pro and con on the efficiency of antiaircraft fire, the facts stand that the must also be provided. bomber still keeps a good bit of atmosphere between the ground and itself. High altitudes are not highly conducive to accurate bombing because the various air strata may vary in velocity and direction. That is why the civilians do not run for shelter as soon as they see a fleet of enemy bombers overhead. It is not guaranteed that the observer will stay in the same spot if a bomb lands within a few feet of him.

Bombing of troops on the march is a more efficient way to damage the enemy. Since the large bomber is not highly manueverable and must keep its distance it is not feared to any great extent. The type of machine that puts fear into the hearts of the ground troops is the dive bomber or attack plane. Flying at low altitudes it comes into sight very quickly. The sudden appearance gives the man on the ground very little warning or time to take any measure of safety.

The attack plane is a high speed airplane with extreme flexibility of control. Standard equipment includes four 30 or 50 caliber machine guns mounted at a downward angle of forty-five degrees in order to spray ground troops with lead slugs. In the fusilage or under the wings is located bomb racks capable of holding four to eight 25 pound demolition bombs. These bombs explode at the surface and spray the landscape with steel for many yards around. This equipment is used by the Loyalists against Franco. It is highly effective in surprising troop concentrations, causing a frightful slaughter with a resulting demoralization which could easily decide a battle.

CHEMISTRY-

(Continued from page one)

used. Test tubes hold 60 milliliters, while centrifuge tubes hold one to three milliliters. Precipitation is accomplished by filtering and evaporation, a long process of sometimes two or three hours. The centrifuge system of micro-analysis takes only two or three minutes at the most.

Semi-micro analysis is, at the present time, standard in only a few colleges. It was tried out here during last year's summer session, and according to Dr. Van Atta, chemistry instructor in charge of laboratory work, has many advantages over the old method, macro-analysis. It features the minute apparatus, the small portions of materials, and the general theory of micro-analysis. The work is so planned, however, as to avoid the long, tedious methods of micro-analysis without appreciably sacrificing accuracy.

Introduction of this method is expected to result in considerable money saving for both school and students. The surprising durability of the minute apparatus eliminates much breakage, a hazard which formly played havoc with the student! pocketbook. The use of small quantities of chemicals will, of course, save the school much money.

Subway Engineers Award Contracts For Second Tube

Work on Chicago's new subway is progressing rapidly. At present a pit twenty-five feet in diameter is being excavated on State Street south of Chicago Avenue. Locks are being built for pilot tubes to State street.

The second contract, which involves the work on Clybourn avenue, has destroyed the morale of the people been let. Out of approximately eleven contracts for the subway eight will be let by January of 1940. Two hundred engineers are employed so far.

Some of the most important problems they have to consider are: prothe river at La Salle street. The The effect of terrorizing the civilian street cars run through a tube under the river on La Salle Street and it is not definitely known whether the subway engineers plan to tunnel under

> There are surveying parties out continuously running levels before curves which are necessary in order to get around the larger buildings will have a large radius of curvature in order to enable the trains to main-

Excavation has been proceeding on schedule and to date no serious accidents have occurred.

Annual F.P.E.S. Smoker Heldin Student Union

Beginning with cigars and sound movies and ending with ice cream and sandwiches, the Fire Protection Engineering Society's annual smoker will go down in the annals of the society as one of the most successful ever held. Under a smoke screen laid by cigars in the hands of the 45 undergraduates, alumni, and professors present, the first reel of a two reel show was flashed on the new student union.

The Educational Film Company, in conjunction with the Vencer Association, presented "Forest Treasure," a story of the veneer industry. It is one of the few modern industries which must depend upon primitive methods for its supply of rare woods, which come from the inlands | way out of three extremely precarof Africa, Australia, India, and the lious predicaments in as many min-Americas. Like the arms of a huge utes. devil fish, this United States induswood, walnut, and American oak.

These "diamonds in the rough" are barked and treated in a 190° F. steam bath from one to four days. After this bath they are moist and pliable enough to be sliced into for the elevated along Lake street, veener 1/28 of an inch thick. After these slices have been dried, they are trimmed and squared. Skilled workmen then piece these slices together in the many beautiful and intricate

patterns found in furniture and homes today.

These veneers are also used as facing for plywood, giving the effect of solid pieces with the advantages of economy, equal strength in all directions, resistance to shock and splitting, counteraction to expansion, and the possibility of manufacturing any size sheet demanded.

The art of veneer is by no means a new one. The only existing pieces of woodwork done by the ancient Egyptians, 3500 years ago, are veneered. Hundreds of years later, Chippendale, Heppelwhite, and Sheraton, of England; and Duncan-Phyfe of America, took advantage of this practice when they made the beautisouth wall of the main lounge in the | ful antique furniture so highly valued today. At present, 90 percent of our furniture is veneered and precious woods are within the budgets of everyone.

The second reel was on the comedy side, showing three shorts of Popeye. Popeye, with the aid of his faithful can of spinach, fought his

Following this, Professor Finnetry reaches into all parts of the gan presented the Crosby-Fiskeworld, bringing back rare woods, Forster Handbook of Fire Protection such as mahogany, sycamore, zebra | to Robert H. Harmon. This "bible" wood, lace wood, olive wood, satin of the fire protection engineer is pre- later the job-hunter came back alone honorary fire protection fraternity, to the present sophomore who made the best scholastic record as a freshman. Its purpose is to promote good study habits among students entering the department, and results proved that it accomplishes its purpose.

> The work and pleasure of the evening then being finished, the smoker was adjourned at 10 o'clock.

ARX NEWS

Here we are upon the eve of a very important Armour Arx function, first of its kind, the All-Architectural Banquet Truly a grandiose idea (boy, do we hate ourselves).

Just remember—Occasion: Honor: Professor Van der Rohe. Resultant: One-of a good time.

The seniors are still pounding small houses into miniature . . . Things are quiet and slow, maybe because we all miss Johanson's subtle and clean wit (sounds like a post-mortem). Poor Lorry . . working. Famous lastwords: "well, I say "

(Note: Johanson's gonna be at the banquet, if he can scrape up a buck, certainly you can!)

ningham Beaux Arts Air Brush color combinations and shades. The School. All Ark are invited to at- application of a pleasing combination tend (upon ermuneration of the of color shades to the modern motor necessary remuneration).

Shubic was around last week looking for a job, Baker had an idea, they both left the room, 10 minutes sented each year by Salamander, with a look on his face which meant he'd just given up a ten spot.

> There's a playboy in our midst namely, Mr. E. M. Mandel . . . Life-class proved to be very interesting to all, especially the P. B. ... She proved to be very friendly and was escorted throughout the nite by the P. B. A most interesting evening.

> > Boz-Arts.

Show General Motors Movies At Assembly

"Color Harmony", a sound motion picture in full color, was one of the All-films presented at the first general Arx Banquet. Date: Friday, Feb. assembly of the semester, in the school 24, 1939. Time: Six. Guest of auditorium, last Friday afternoon at 10:30. The pictures, which were shown by Mr. Randegger of the General Motors Corporation, demonstrated the mechanism of an eye and explained the functions of the cones and rods of the retina, the sensitive portion of the eye. These cones contain chemicals which are sensitive to one of the primary colors.

When a beam of colored light strikes the cones, an electric current is set up which flashes a signal to the brain causing the sensation of color. The eve is capable of blending these im-Cunningham has opened The Cun- pulses and registering the different car was then demonstrated.

Another picture entitled "Vacuum Control" explained the operation of various devices actuated by differences in air pressures. Soda straws, airplane wings and rubber suction cups were shown as examples of this phenomenen. The development of a new development in gear shifting was then shown. With no radical changes in the transmission, a system of levers operated by a lever on the steering wheel post replaces the conventional controls. However, 80 per cent of the shifting effort is furnished by a vacuum plunger operating from the intake manifold.



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