



# Armour Tech News



Vol. X. No. 2.

Armour Institute of Technology, Chicago, Illinois

Tuesday, September 27, 1932

## ADD THREE NEW INSTRUCTORS TO ARMOUR FACULTY

### Library Gets Assistant To Fill Vacated Position

#### EXPERIENCED TEACHERS

Three new instructors and one assistant librarian have been added to the faculty for the ensuing year.

Mr. Ernest K. Eugene, a prominent railroad engineer, will instruct students in railroad location for the Department of Civil Engineering and engineering mechanics in the Department of Mechanics.

Mr. Eugene has been educated both abroad and in this country. His practical experience has been with the Chicago, Burlington and Quincy Railroad.

#### New Economics Instructor

Mr. Robert H. Engle has been appointed instructor in economics to succeed Mr. R. A. McReynolds. Mr. Engle received a B.S. degree in economics from the University of Illinois in 1917 and his M.S. degree in 1925. He has been Associate Professor of Economics at University of Idaho from 1927-1928. The following year he became an economist for the Idaho Experiment Station. Later he became Assistant Professor of Economics at Purdue University. Mr. Engle is now studying for his Doctor's Degree at the University of Chicago.

#### Armour Grad Back

John V. Lizaas has been appointed instructor in business law. Mr. Lizaas is an Armour alumnus, having received his B.S. in Mechanical Engineering in 1923. He is now connected with the prominent patent attorneys, Chindahl, Parker, and Carlson of Chicago.

Miss Harriet Wirick will fill the vacancy left by the resignation of Miss O'Lynn Smith. Miss Wirick has received a B.A. degree from the University of Wisconsin and a B.S. in library science from the University of Minnesota. She also has an M.A. degree in library science from the University of Illinois. Miss Wirick has had four years of practical experience in library work as reference librarian at the Western Illinois State Teachers College in Macomb, Ill.

## New Men Invited to Campus Club

The Campus Club, one of Armour Institute's oldest and most popular organizations, is undergoing extensive improvements at the present time. Having enlarged its club rooms to twice their original size and with interior decorations of the latest mode being applied, there is no doubt that this organization can satisfactorily accommodate at least fifty more members.

To afford a place for study and recreation, and to promote friendship and the proper school spirit are a few of the objects of the Campus Club. A membership drive is being conducted now and students desiring to become members are requested to call at the club rooms in Chapin Hall, third entrance on the second floor.

## Board of Publications Approves News Budget

At a meeting of the Board of Publications in the Tau Beta Pi rooms last Friday, the 1932-33 budget of the Armour Tech News was accepted. The Board further approved the contract for publishing the News for the same period.

Changes in the Armour Engineer and its contract for 1932-33 were likewise accepted.

## Frosh Handshake Tomorrow Night

All the students and faculty members of Armour Institute are invited to attend the annual Freshmen Handshake which will be held tomorrow night, September 28, in the Assembly Hall, starting at eight o'clock. The Handshake is sponsored by the Campus Club for the incoming freshmen in order that they become acquainted with the upper classmen and the members of the faculty.

#### Good Entertainment Assured

This opportunity should not be passed up since the evening will be spent in genial company and the program promises to be of a very interesting nature. The entertainment will consist of music by a band assembled for the occasion, and numerous talks given by members of the faculty. Some of the speakers will be Dean Penn, Doctor Scherger, and Professors Schommer, Amshary, Tibbals, and Mangold.

Professor Schommer will put the crowd in a happy mood with a patented, new joke. His talks have been main attractions in the Handshakes held in the years way back.

#### Refreshments for All

After the welcoming talks have been given by the faculty members, and the Armour Fight Song has been played by the band, the students will be served the ever famous combination of doughnuts and sweet cider. The Campus Club has provided a barrel of cider and an adequate supply of doughnuts for the occasion. Second helpings, and more, if necessary, will be gladly given.

A general "get together" will be held during the serving of refreshments, the upper classmen being on hand to greet the freshmen and welcome them into the school life. Identification cards will be passed out to facilitate the introduction of new men.

## Assembly Will Be Held Today

Classes will be dismissed for one hour today at 11:40 when all students are to attend a mass meeting in the assembly hall.

The addresses will be by Professor John Schommer, and by Harold W. Munday '23. Munday was one of the men to organize the Armour Tech Athletic Association in 1922. While students, Schommer and Munday put over mass meetings that are still talked about, and this one undoubtedly will provide the students with an interesting hour.

To quote Professor Schommer, "This mass meeting is called to promote one of the most gigantic undertakings in the history of the school. Every loyal Armour man is expected to come to the assembly. There will be no solicitation of funds."

## Decorate Navy Hall For Armour Dinner

Extensive plans are being made for decorating the tremendous banquet hall of the Naval Reserve Armory for the Alumni Reunion Dinner on October 20. The entire ceiling will be hung with flags, and Armour pennants and colors will be everywhere. The Armour fraternities will decorate the walls with banners and pictures.

The naval band will occupy the balcony. Buglers in uniform as well as a number of navy men will be present. The navy men will act as guides and ushers.

Armour students will be seated according to classes but each class will be separated by alumni. This will permit the students and alumni to become better acquainted but will not separate the student from his own group.

A system of loudspeakers will be installed so that the program will be carried to all parts of the hall.

## Senior Metallurgical Students Visit Sections of Field Museum

Inspection trips for the senior metallurgical students began last Thursday, September 22, during the afternoon, when they visited the mineral and rock sections of the Field Museum.

This trip is an annual affair and serves as a starting point in the study of the subject of metallurgy.

The first section visited was the mineral department, which contains a vast collection of minerals as they are found in the various parts of the world. Among the exhibits were such important minerals as hematite, which contains iron, and chalcocite, which contains copper. A number of radium bearing ores were seen and the method of detecting its presence was explained by Professor Carpenter, under whose direction this trip was conducted. These ores contain

such minute quantities of the element that it is necessary to detect its presence by photographic means. Some metallic object is placed between the one and a sensitive photographic plate in a dark room and the plate developed after an exposure of approximately twenty-four hours. An image of the metallic object developed upon the plate proves the radioactivity of the ores.

An inspection of the numerous strata of rocks found in the terrain of the earth was then made. In this department were also seen numerous specimens of meteorites. Professor Carpenter has had the distinction of discovering the element platinum in one of these meteorites although the same meteorite had previously been analyzed and this element missed by the method used.

## Offer Course In Higher Algebra

The Department of Mathematics announces that a new course, Higher Algebra for Actuaries, is to be offered this fall semester in the evening school. The course is designed to assist those students of Life, Health and Accident Insurance in preparing to meet the requirements of the actuary examinations given by the insurance societies. The course is of an advanced nature, comparing with the higher algebra courses offered in the English and German universities, and is not to be confused with courses having the same name which are given in our secondary schools.

While a student is advised to complete calculus before enrolling in this course, he may elect it if he wishes after he has completed college algebra. The class will be in charge of Professor Teach, and further information regarding it may be obtained from him.

News has been received, announcing the death last summer of Lynn Ellis Sherb, an alumnus. He was a member of the class of '01.

## Will Recognize Honor Students

Student recognition which will be inaugurated at the Reunion Dinner to be held October 20, is of importance to every student in Armour. The awards will consist of citations fit for framing. Men will be selected for such the same qualifications upon which the ten honor seniors are judged. The outstanding senior, junior, sophomore, and freshman will receive this honor in June of each year. To put this plan into effect, the outstanding senior of the last graduating class will receive his award at the banquet.

Scholarship, although considered in the opinion of the judges, is not of prime importance. Student activity, personality, and general fellowship come in for their share of attention. The men receiving such recognition will be prominent in the eyes of alumni who want good men to fill responsible positions.

Martin H. Vander Velde, M.E. '20, was married September 3 in Ypsilanti, Michigan, at the home of his bride, the former Miss Bernice M. Sauer.

## Penn Talks On First Armour Radio Program; Traces School's History

Last Sunday evening the first of the Armour radio programs was presented by Dean Penn at 6 p. m., over station WJJD. The opportunity to make these broadcasts was secured through the efforts of Mr. Ivan M. Coeppen, a member of the Board of Trustees of Armour Institute.

Dean Penn started by roughly tracing the history and development of the Institute's ideals, methods and policies. He explained with what objective the school was always operated and the birth of a new and broader objective that has now emerged, namely, "The responsibility of the engineering college not only to the students whom it graduates but to the whole scene of engineering and industrial activity into which the student is graduated."

#### Industry Responsible Also

With this objective in view the school must enter into closer cooperation with industry. The fact that Armour Institute is located in one of the most highly concentrated areas of industrial activity in America, puts it in an excellent position to step forward and do constructive work in this line. The responsibility will also be extended to industry for help in the working out of the best possible four year curriculum.

This idea was crystallized about a year ago and the Armour Institute of Technology embarked upon its extensive study of educational needs of industry and the study of the methods and practices of twenty five of the country's leading engineering schools. Though these studies will always continue, due to the inherent nature of education, they have reached a point where a plan of action has been formulated and named the Armour Development

Plan. The scope and details of this plan have been explained in previous issues of the News.

#### Purpose of Talks

Being on the threshold of a new era in engineering and scientific education this opportunity to present these talks comes at a very fortunate time. One of the purposes of these talks is to bring to the persons living in a scientific and industrial age, in the most powerful industrial nation, some idea of what is involved in the vast industrial activity of our daily lives—usually just taken for granted.

Touching on the social responsibilities of the engineer and the engineering college, Dean Penn quoted Dr. W. E. Wickenden, President of Case School of Applied Science in Cleveland, as saying, "If we may venture to predict, the heaviest burden laid on the engineer in coming years will be the duty to foresee and in due measure control for beneficent ends the social consequences of research, invention, and advances in the technique of production." Dean Penn continued by enlarging on many other ever-present vital problems regarding the theory of the aim and nature of education.

#### Next Talk Thursday

Listeners were invited to come forward with any comments or suggestions that would make this work more effective. The next talk will be given on Thursday afternoon at 2:30 p. m. over WJJD by Earl H. Reed and another at 6 p. m. next Sunday.

Copies of these talks may be obtained by writing to Mr. Adleman of the Armour Development Program Committee, Tribune Tower, Chicago.

## STUDENTS, ALUMNI, FACULTY, AND TRUSTEES TO MEET AT DINNER IN NAVAL ARMORY

### Many Novelties, Features Planned to Make Evening Real "College Night" Party

TICKETS ARE NOW ON SALE AT SCHOOL

For the first time in the history of Armour, students, alumni, faculty members and trustees, will join together in a huge banquet and reunion to be held Thursday, October 20 in the Grant Park Naval Reserve Armory.

This banquet is to be strictly a reunion and college night. It will have all the pep and enthusiasm that the 2000 or more Armour men, past and present, who will attend, can put in it. There will be no solicitation of funds.

A committee of over 500 alumni has been promoting the plans for this mammoth gathering. It is headed by Charles W. Hills, Jr. '11

## CARL N. CLANTON CHOSEN DIRECTOR FOR ORCHESTRA

With the resumption of activities for the coming school year, Armour's musical organizations are preparing for a bigger and better year than ever before. Increased membership will be one of the main objectives.

All old members and all new students desiring membership in the Tech Orchestra, are requested to meet in the Assembly Hall today at 5 o'clock. Carl N. Clanton, a senior F. P. E. will direct the orchestra this year succeeding G. Bonvallet who graduated. He particularly urges all students who play the cello, string bass, tuba and drums to enroll today.

The Stresses and Strains, Armour's dance orchestra, boasts the return of all old members. However, there is need for a drummer. Herman N. Meyer, manager, and Ray Albano, secretary, promise that the organization this year will be the finest ever. All players have had necessary experience during the summer and the addition of vocal talent will furnish variety.

New students are also invited to become members of the Glee Club. This organization was one of the most successful last year and there is no doubt but that their success will be repeated this year.

## Complete Staff for 1933 Cycle

Selection of the staff for the 1933 Cycle has just been completed, and work on the new annual is progressing rapidly. Carroll K. Simons, who was Associate Editor on the 1932 publication, has been elected to fill the position of editor-in-chief for the next year. Other positions on the staff will be held by the following men: Elmer G. Lordin, Business Manager; Thomas C. Peavey, Associate Editor; Donald L. Jacobson, Organization Editor; George H. Gray, Fraternity Editor; William W. Lange, Photography Editor; Theodore H. Irion, Art Editor; Harold W. A. Davidson, Athletic Editor; John L. Brenner, Social Editor; Michael A. Lukas, Feature Editor.

Any snapshots taken during the last year concerning the activities of Armour men are requested by Lange as soon as possible. A meeting for men who wish to become associated with the Cycle staff will be held on Wednesday at five o'clock in the new Cycle offices, fourth entrance, second floor, Chapin Hall. Freshmen and sophomores will find this an excellent opportunity to enter into work on the annual and obtain experience which will enable them to qualify for responsible positions on the staff later on.

and Harold W. Munday '23. They promise that there will not be a single dull moment in the evening's entertainment.

#### Talks on Armour Plan

The trustees and faculty will meet in a reception shortly before the banquet. During this time the students and alumni will get acquainted. At the banquet, which is scheduled to start at 6:30 p. m., the students will have the opportunity of seeing the 31 new trustees whose names are familiar to everyone. They will be informed of the up-to-the-minute progress made in the Armour Plan. Four lively talks, which are guaranteed not to last over 15 minutes each, will be presented on this subject.

Music from two sources will enliven the program. In addition to Armour's orchestra, a 28 piece naval band in uniform will play.

#### Awards Will be Given

One of the high lights of the banquet will be the recognition of Armour students which is described elsewhere in this issue of the News. Various awards will also be made to the alumni. The first of these is the Alumni Service Key which is to be presented each year to the alumnus who performs outstanding and unselfish service to the Armour Alumni Association. This key will be presented for the first time at the banquet. Outstanding alumni will be recognized at this meeting by awards which have never before been offered but which will be given annually hereafter. These awards are to be given to distinguished alumni for achievement in the fields of engineering, science, and allied industries.

Without doubt this will be the biggest college night affair ever held in the middle west. For this reason the Armory which has the largest banquet hall in Chicago, was selected as a gathering place. The leaders of the school including class officers, team captains, etc. will be introduced. The school calendar and social program will be announced. An innovation will take place when the Alumni Grab Bag is passed out. Each man present will receive a bag containing valuable and interesting souvenirs.

#### To Hold Various Reunions

An extensive publicity campaign is being carried on through the mail to insure the attendance of all available alumni. Many classes will hold their own reunions at this time. For example the class of '21 will hold its first anniversary, the class of '27 its fifth anniversary, the class of '22 its 10th anniversary, and the class of '07 its 25th anniversary. There will also be a reunion group of all men who graduated before 1900.

Patrolled free parking space will be available at the Armory which is located at Randolph Street and the lake. Tickets are now on sale for \$1.50. Remember the date—October 20, at 6:30 p. m.

## Applicants for News Business Staff Meet

All students interested in gaining business experience through work on the business staff of the News are asked to report in the News office this evening at five o'clock. R. E. Nelson, the business manager, will explain the type of work and the necessary qualifications. The business staff secures advertising and takes care of the circulation of the paper. The News office is at the fourth entrance, second floor, Chapin Hall.

# Armour Tech News

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## Social Economics

Fardus authorities, at a recent mass meeting, advised the students to exercise economy this semester, not only in regard to personal matters but also in school social activities. A cut in the price of dances was recommended. If necessary, this could be effected by hiring a less expensive ballroom and a more reasonable orchestra.

This is a time of retrenchment everywhere. Activities must be either curtailed or conducted on a smaller scale. Armour has followed the trend as was witnessed last year by the combined freshman-sophomore dance; the first combined dance ever given at the Institute.

Combined dances have the advantage of being conducted at a profit while individual class dances usually show a deficit. But combined dances are objected to strenuously for one reason—they reduced the already limited number of Armour's social activities.

Better policy would be to drastically cut the price of bids. A lower priced orchestra could be engaged and increase in ticket sales might even make the affair profitable. Students object to paying \$2.50 for class dances when they can dine and dance elsewhere for less than \$2.00.

E. E. E.

## Overnight Books

The Armour library has a large number of books that students are privileged to take home for one night. In order to impress upon the student the fact that these books must be returned before nine-thirty o'clock the following morning a twenty-five cent fine is assessed.

But beyond the matter of fines is an extremely important reason that necessitates the immediate return of the reserve books. Other students must use these same volumes. It is as important to them to secure the necessary information as it was to the first borrower.

Be good citizens and return your library books promptly. This co-operation will increase the efficiency of the library a great deal.

O. T. B.

**"The Slipstick"**  
 Cleave to "The Slipstick"; let  
 the Slipstick fly where it may.

Now that the cashier's office has taken most of our dough and the pirates in the book store has taken ours left, we can settle down to the quiet enjoyment of school.

Author: "How are my question and answer books going?"  
 Bookdealer: "I can't imagine, unless it's thoplifters."

Little Boy (calling father at office): "Hello, who is this?"  
 Father (recognizing son's voice): "The smartest man in the world."

Little Boy: "Pardon me, I got the wrong number."

### He Knows

"Marriage," said the philologist, "is like a railroad sign. When you see a pretty girl you stop; then you look, and, after you're married, you listen."

"See here," said the brute owner to the maid, "don't you ever sweep under the bed?"  
 "Yes, sir, I always do. It's no much handier than using a dustpan."

Our friend L. C. says, "The garbage man has it easy. He gets forty baths a week and all he can eat."

### The Beauty Contest

Dear Boris Shale: I am on the road to beauty, and would like to know how much Venus de Milo weighs, as she was a model of real beauty. Yours, Sweet Sixty.

Dear Sweet Sixty: Glad to be of service to you. The Venus de Milo of the Art Institute weighs 1570 pounds, while the one in New York 13,245 pounds. Hope you attain your end. Yours, Boris Shale.

### WEAKLY DUMBBELL POME

Jack and Jill rolled down the hill,  
 A curse they and was sharp.  
 The car went, Jack's rolling yet  
 And Jill is playing a harp.

Which leads us to comment that we wish a little Jack would roll our way.

Entom: Not for you, have you got my mousetrap?  
 Simba: That's to give him medicine on himself.

### PUN

"What's the proper way of firing a cantaloupe?"  
 "Well, four out of five holes in."

### Strange

"Say, mister, do you know what that odd horse you sold me did?"  
 "No, what did he do?"  
 "Why, he up and died on me."  
 "Died! Why, he never did that for me!"

### Snappy Comeback

The hotel clerk eyed Two-Gun-Sam from head to foot. He then asked, "How did you get home?"  
 Two-Gun-Sam, "Just blew in with a load of cattle."  
 Hotel Clerk, "Where's the rest of 'em?"  
 Two-Gun-Sam, "Down at the yards. I ain't as particular as they are!" —Ted.

Johnny (gazing at set of false teeth in dentist's show case): "Those are the kind of teeth I am going to have when I grow up."  
 Mother: "Johnny, how many times must I tell you not to pick your teeth in public?"

It is being bruited about that a big banquet is occurring in October. Are we gonna attend? Boy an how!

### THE BIG BEEF

One—"Gracious heavens. Even the cows have begun hearing!"  
 Two—"You don't say."  
 One—"Yet, here it is in the headlines: 'Light native cow hides Co.'" —Dollar Bill.

### And That's That

Hobby—I miss the old cuspidor since it's gone.  
 Wifey—You missed it before. That's why it's gone. —The Kid.

### not so dumb

The pet joke of a certain community was to offer a dime and a nickel to Jed, the town half-wit. The poor fellow always took the nickel, because it was larger, he claimed.

One day a stranger, having been told about Jed, made the customary offer of a dime and nickel. When Jed took the nickel the visitor asked him:  
 "Don't you really know the difference between a nickel and a dime?"  
 "Sure I do," answered Jed with a crafty smile, "but if I took the dime they'd never try me no more!"

### Webster Improved

Marmalade—That yellow, sweetish substance found on toast, neck ties, and piano keys.

We might be making better progress if it weren't for Atlas. He's holding things up.

Diamond.

## Theatre

Of *These I Sing*, the Pulitzer prize winning musical satire current at the Grand Opera House is a fulfillment of the promise shown by the Messrs. Gershwin, Kaufman and Ryskind in their earlier show *Strike Up the Band*; the latter was an experiment in intelligent musical comedy, with a noticeable leaning to Gilbert and Sullivan; in their newest effort, the same authors have written with a sureness and a finish that were lacking in the earlier work, and have established a new standard for modern American music-shows, sounding a keynote as original and as fully developed as that of the Savoy operas of G. and S.

Productions, musical and otherwise, of the sophisticated and satirical type specialized in by these authors are highly successful in New York, but have rarely succeeded on the road; Chicago in particular has ignored them. But the current attempt is more likely to click, not only because it is a better show than its predecessors, but because the lusty, though good humored, Bronx cheer it gives politics is so well timed. The American people, while conceding the spotlight to the election, were never before so cynical in their attitude toward the candidates.

The plot, as you probably already know, concerns the presidential campaign of John P. Wintergreen (the perennial Oscar Shaw) on a platform of love. "an issue that everyone will be interested in and that doesn't mean a thing".... Alexander Throttlebottom (Donald Meek) is "the forgotten man", running for vice president. (Well, how many v. p.'s can you name?) A beauty contest is held to choose a first lady of the land, the idea being for John to propose to her in every state (before an audience) and win the people's hearts and votes as the perfect lover. However, he marries his

## Movie Notes

At the United Artists, Harold Lloyd's "Movie Crazy" is still running. It tells a story of a movie-struck boy who tries his luck in Hollywood and makes good. Much of the action is backstage, giving the audience a view of how pictures are turned out.

Constance Cummings leads the supporting cast with Kenneth Thompson and Louise Clatter Hale. Ted Weems and his orchestra are being seen and heard on the stage of the Oriental Theatre now. Weems and his boys are not only popular as musicians but are versatile, presenting a half hour program with singing and clowning.

On the screen Selly Eilers plays the lead in the "Hat Check Girl." In the picture Miss Eilers plays the part of a working girl whose loyalty and resourcefulness wipe out the mistakes of her past. Ben Lyons is cast as a millionaire playboy, and Ginger Rogers as the wisecracking and sympathetic pal of Miss Eilers gives a sparkling performance.

"Horsefeathers," at the Tivoli brings these motley maniacs, the Four Marx Brothers. On the stage are Everett Marshall, "Scandals" singing star, and "Gus Edwards" Radio Stars, with a host of future stars. McVickers lists Maurice Chevalier in "Love Me Tonight." At the Uptown the "Bird of Paradise" shows Dolores Del Rio while Monte Blue is on the stage.

A stage show and a feature picture furnish the double bill at the Chicago Theatre this week. Members of the original cast of "The Desert Song" present the highlights of Sigmund Romberg's success. On the screen Marlene Dietrich is playing in "The Blond Venus."

Some of those in the cast of "The Desert Song" are Perry Askam, Tanzl, Earl Askam, Nannette Vallon, and John Merkyl.

2323 Federal St.  
 Chicago, Ill.  
 Sept. 22, '32.

The Managing Board,  
 Armour Tech News.

Dear Sirs:  
 I would like to thank the Faculty, Alumni, Student Body, Employees, and members of the managing Board of the Armour Tech News, for their kindness, cheerful visits, and flowers, during my recent incapacitation. Rest assured they were highly appreciated by

Yours very truly,  
 Stanley Livingstone.

## Dramatic Group of Armour Presents Three One Act Plays This Summer

Summer heat did not cramp the activity or ambition of the Armour Players, dramatic group of Armour Institute. They organized, rehearsed and produced a program consisting of three one-act plays, and presented them before audiences on two occasions.

Immediately after school ended last spring, rehearsals started. Lawrence Gabriel, Al Kulpak, Tom Jones, Wally Anderson, Harold Monger, Earl Bollinger, and Al Burnett received roles. The female parts were taken by sisters and friends of the men: Naomi Monger, Leona Gabriel, Marjorie Berning, Geraldine Sabatini, and Mary Gratzler.

Miss Gratzler directed the group. She maintained a strict ruling that there were to be two rehearsals a week besides any extra individual work needed by members of the cast. Lessons in voice technique, pantomime and even Shakespeare were studied, resulting in giving to the performers the skill and confidence

which are necessary for good acting. One member of the group approached the Allerton Club and induced them to back the productions for their own guests on the hotel's stage. They were given July 21; however, a week before this the group held a rehearsal for their friends and relatives at Chopin Park, Long and Cornelia avenues. After the plays were given everyone danced to the music of Earl Bollinger's orchestra which he had obtained for that purpose.

Plans for this semester's activities will be discussed at a business meeting which will be held as soon as the students are finished with the usual program problems and will be announced in a few days. As always, the Armour Players are especially anxious to see the lower classmen show interest in its work by joining. Every member starts from scratch; all have little or no experience on the stage. Professor Hendricks will continue as director this semester.

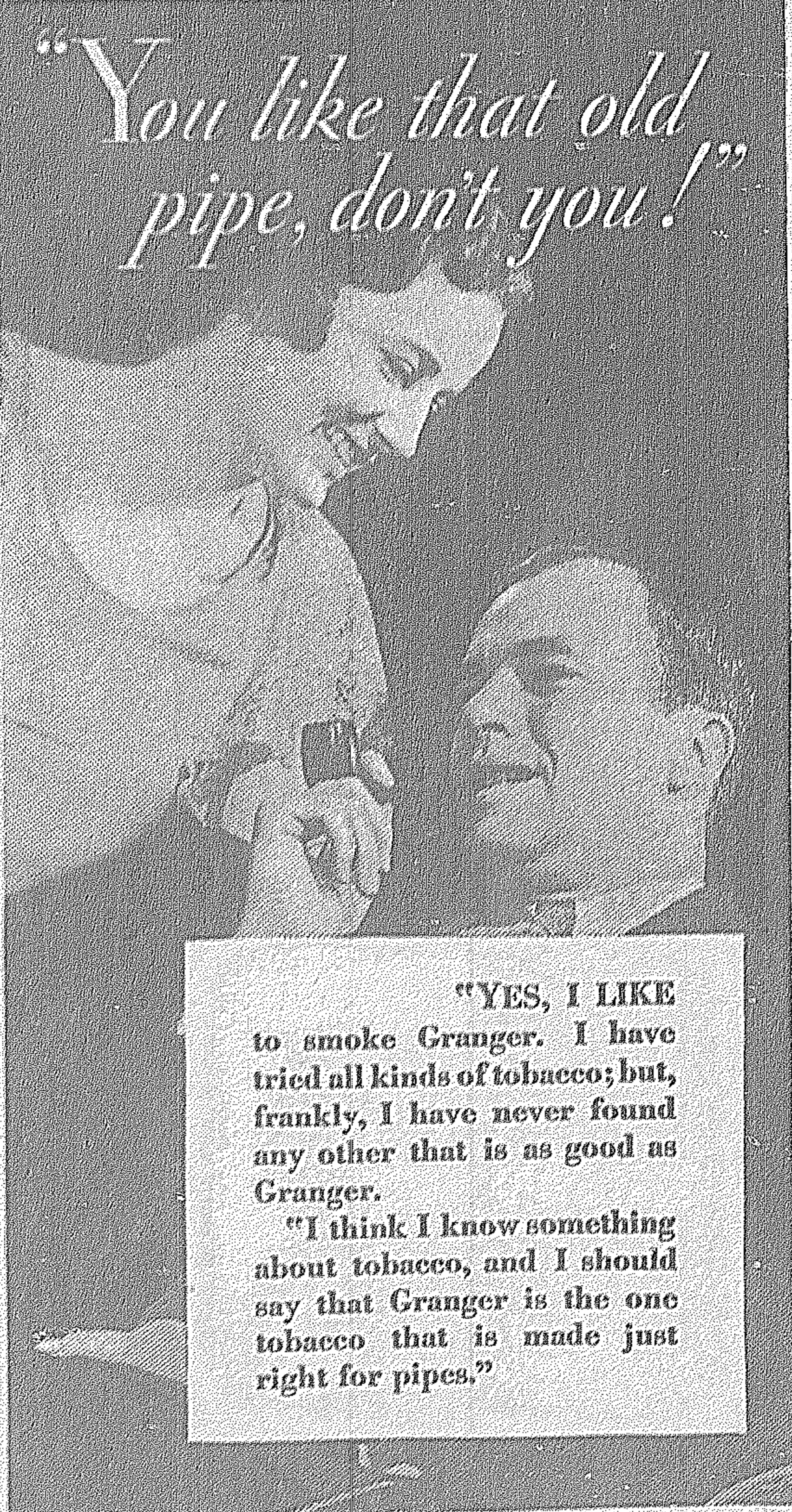
secretary, Mary Turner (Harriette Lake), jilting the contest winner Diana Devereaux (gorgeous Roberta Robinson)... this leads to international complications, as the French ambassador announces her to be:

"The illegitimate daughter of an illegitimate son, or an illegitimate nephew of Napoleon" and of course, France is insulted... this nearly leads to Wintergreen's impeachment, which is averted when Mary announces a blessed event, as "we've never impeached an expectant father"... the Senators then "Shout to ev'ry citizen and foreigner; posterity is just around the corner", having previously sung:

"If you think you've got depression, wait until we get in session. And we'll show you what depression really means."

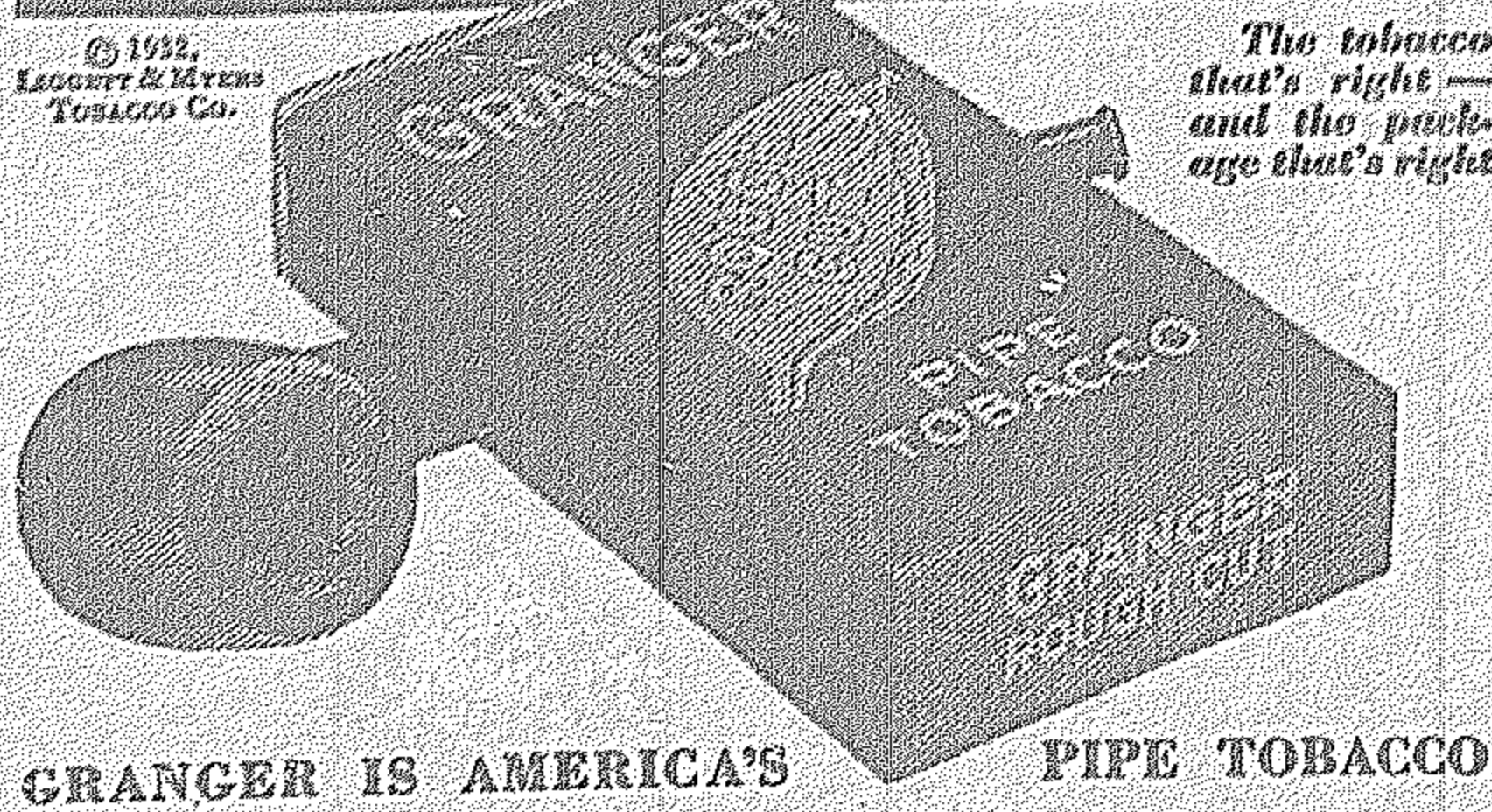
Everything in Washington is subject to the same ridicule, and you have to be wide awake to catch everything in the ridiculously funny lines supplied by George S. Kaufman and Morris Ryskind and the suave, witty lyrics of Ira Gershwin. My advice is to see the show, then read the libretto and lyrics, which have been published in book form, to catch anything you may have missed.

But you won't miss much; the cast and chorus sing their lines crisply—Kaufman has directed the book to perfection—the orchestra does full justice to George Gershwin's grand score (which includes a bit from his "American in Paris" for the entry of the French ambassador)—and the sets, costumes, and staging are notable.



"YES, I LIKE to smoke Granger. I have tried all kinds of tobacco; but, frankly, I have never found any other that is as good as Granger."

"I think I know something about tobacco, and I should say that Granger is the one tobacco that is made just right for pipes."



GRANGER IS AMERICA'S PIPE TOBACCO

# The Armour Engineer, Its Development, Content, and Purposes

By Jarl T. Sorensen (Editor-in-Chief)

In the first of these articles I have tried to present a true history of the Armour Engineer, up to the present, and clearly detail its steady advance as a periodical of its type. This second article will explain the new Engineer, its content, and that content's greater value to the technical student.

The Engineer has formerly carried a number of sections which were of interest and well suited for publication within its covers. In the past few years, the *Armour Tech News* has shown a very splendid development, and the Board of Publications has now decided that the *News* should, as being more properly within its sphere, carry those sections formerly entitled "Alumni News," "College Notes," and "Humor." The Board has as its essential purpose the coordination of the two major student publications and by this decision has eliminated all overlapping of the two.

The new *Armour Engineer* is to be of a smaller page size, one that is more conducive to a smart appearance as a whole. The paper stock will be of an antique finish, that is, a rough surfaced paper needing a larger type, and creating a very much more interesting type page. This stock cannot carry photographs as easily as can an enamelled paper; thus the new magazine will present only a few vital photographs in the articles. There will be no difficulty as regards any drawings or curves, and these essential and valuable adjuncts to the articles will be carried whenever necessary. A beautiful full page frontispiece photograph will be presented in each issue.

The feature articles will be five or six in number and will be written by faculty members, alumni, and graduate engineers and technical men, these latter not of necessity connected with Armour in any manner. Certain outstanding student articles, prize winners of the society and honorary fraternity contests and leading papers presented by candidates to the various scholastic honorary fraternities, will be carried also. It is the hope of the staff to present a much improved type of article in the *Engineer* than has heretofore been the case, and every effort will be made to obtain articles on subjects of interest to all, and of real value to students either in their stay at college or in their later professional life. The articles will be authentic and of such

value as will also interest the alumni readers and the general readers who are beyond the student age and viewpoint.

The "Engineering News" section is to be greatly expanded. The *Engineer* will continue to carry this section of short write-ups of a descriptive nature giving information as to new discoveries and developments in science and industry, with interesting data on new processes and devices.

A new section of "Technical Abstracts" should be a valuable addition to the magazine. Here will be carried a number of comparatively short condensations of important articles in the many technical publications of the various professional societies and individual industries. Each such synopsis will present the essential facts of that article, state its value, and carry the nuclear formula, curve or diagram of the subject matter.

A section of book reviews of important new technical and economic books will be carried. This should be of a very real value to the student, and inasmuch as many of the books will be obtainable in the *Armour Library*, will guide the serious student to the better books of subjects of interest to him.

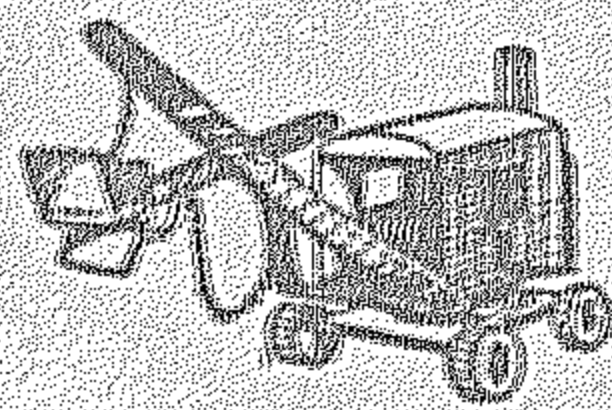
The news of the professional departmental societies and honorary fraternities will be carried as in previous years. A new "Contributor's Page" will present a short biographical sketch of each of the authors of the articles in that issue. This will aid the reader to a knowledge of that man's background for the writing of his article. These sketches will also give the reader a more personal view of the articles, inasmuch as he will know something of the authors and their lives.

The editorial pages will carry brief write-ups on important questions of education, science and industry. A guest editorial column will carry statements by leading faculty members and technical men which should greatly interest the readers.

The new *Armour Engineer* will be an improved magazine; its contents should be of value to all. The fore position is held among technical college publications will be elevated even more in the future.

(The third and concluding article of this series will briefly state the value the *Armour Engineer* has for the students and discuss the phases of staff work.)

## THE STEAM SHOVEL



Ray Elin was seen sporting a black eye around school. He claims an insect bit him. What was the insect's name, Ray?

Various mathematics about school are working on the following problem: suppose the earth is a smooth sphere surrounded by a tight steel band around its largest diameter. Now cut the band and insert three more feet of steel. The question is, will there be enough slack for a person to insert a finger between the band and the earth?

Not to mention any more, but the Managing Editor of the *News* was seen looking for the *News* office the other day. He was completely lost on *Armour's* spacious campus.

The new lunchroom is popular judging from the constant rush.

Guides have become so valuable that the dean's office has just installed a two ton fireproof safe to hold them.

Stan Benoit spent an interesting 15 minutes scraping his Nash against the curb in front of main building. This was accompanied by shouting of teeth and helpful advice from the spectators.

Don Jacobson has either lost or misplaced his fraternity pin but he refuses to say where.

Wally Hendricks was asked what course he was taking by the week's deceased freshman.

These puns and senior cranks have held the usual further controversy and will be passed again.

## Fraternity Notes

### PHI KAPPA SIGMA

John W. Hurley, C.E., '30, has returned from a year's active duty with the High Hat Squadron (VF-1-B), attached to the U. S. S. *Saratoga*, aircraft carrier. His experiences with the West Coast Fleet at San Diego and the Hawaiian Islands were intensely interesting and eventful. He flew with the squadron which was featured in the motion picture production, "Hell Divers."

Brothers "Bill" Berry, F. P. E. '29, "Mac" Larkin, F. P. E. '31, "Hank" Weis, M. E. '31, and "Bob" Wilson, F. P. E. '31 visited the chapter recently.

### BETA PSI

It is with pleasure that we announce the formal initiation June 5 last of Newton Smashall and James McBride into Beta chapter.

Thore Johnson, '29, dropped in one night last week to help install our new drapes. He held the step ladder while John Janak did the work.

### TRIANGLE

Things are now once again in order about the house following the hectic

week of clean up.

A sad note was sounded at the house Friday noon when Brother Kenner received a telephone call from his home in Macomb, Illinois, saying that his father was in a critical condition. He left immediately for home along with his sister, Mrs. George Smith, who is residing in Chicago.

Brother Waindle, '32, dropped in Thursday evening to see the fellows and also to answer questions that were asked concerning his trip abroad.

### SIGMA ALPHA MU

Sigma Epsilon chapter of Sigma Alpha Mu is pleased to announce the initiation of Irving M. Addis, Arch. '35.

A gathering of the group was held

at the home of Fra Milton Winogrand last Sunday.

### THETA XI

The house is now in good shape for the coming school year. The fellows are all settled and some new furniture has been purchased.

Brother Brenner is now living in the house, his parents having moved to Oswego, New York, during the summer. Pledge Brother Adair is now regularly enrolled in school again and is at present living in Lake Forest.

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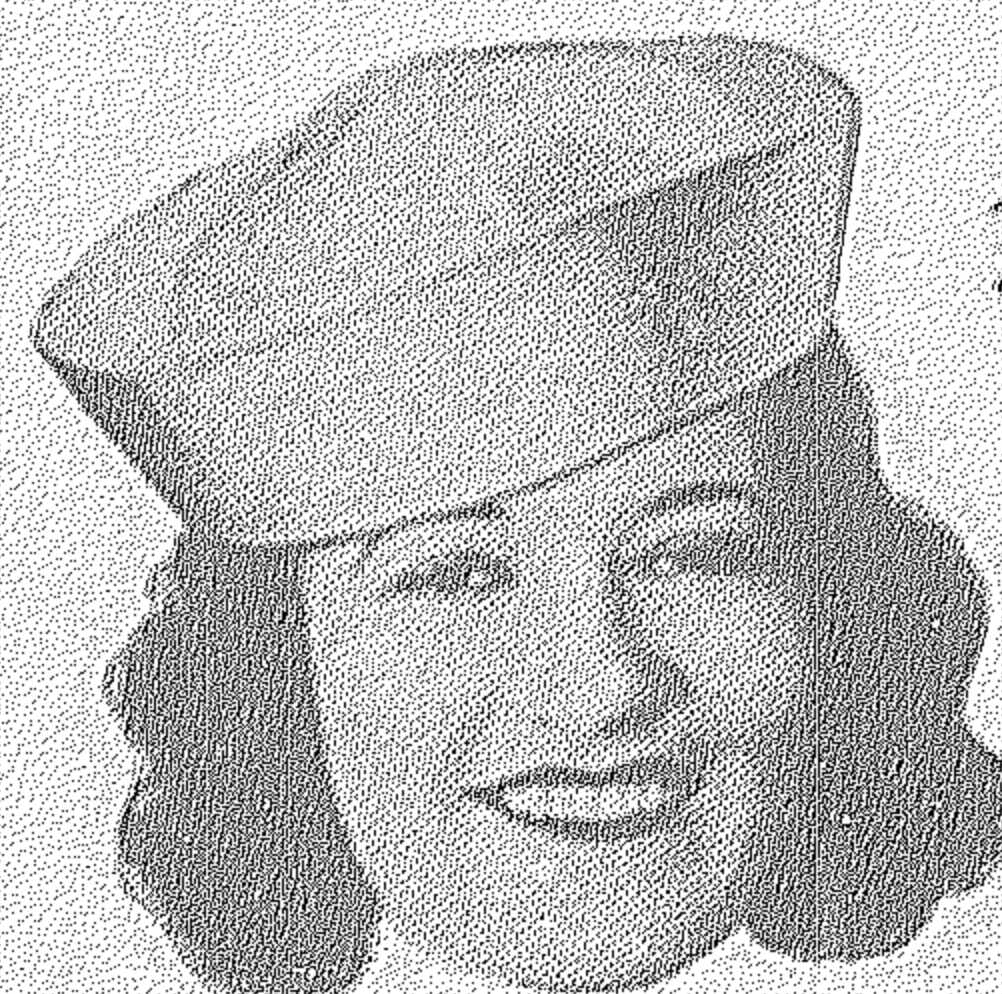
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They're mild... and yet they Satisfy.

Chesterfield Radio Program—Mondays, Wednesdays, Fridays—10 p. m., Tuesdays, Thursdays, Saturdays—9 p. m., E. S. T., Columbia Network.

# Chesterfield

THE CIGARETTE THAT'S Milder... THAT TASTES BETTER



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## Paine Represents P.L.U. at Meeting

Omsbron Chapter of Phi Lambda Upsilon was represented at its triennial convention in Denver, Colorado, by P. W. Paine, a senior chemical and president of *Armour's* Honorary Chemical Fraternity. The convention was held from August 18 to 20 with Kappa Chapter of Denver University acting as host. Delegates from all of the active chapters met on the evening of August 18, and after a few preliminaries were taken out into the mountains for a most novel and enjoyable steak fry. Friday was set aside for convention business including the reports of delegates, consideration of petitions from new chapters, and the usual fraternity discussions.

Friday evening a banquet was held at which Kappa Chapter conducted a complete initiation. Saturday marked the last day of the session, and the delegates departed for their various homes throughout the country. Luncheons were held on both convention days for all delegates and visiting members.

## Armour Stamp Club To Meet On Monday

The *Armour Philatelic Society* will hold its first meeting October 3, with Chester Hillman presiding, to lay its plans for the coming year. President Hillman will appoint the new officers of the society, and discuss plans for the improvement of the stamp exchange of last year.

In the near future, the *Philatelic Society* will begin its membership drive. Hillman will visit Professor Tibbal's lecture room and Professor Wilcox's physics class to acquaint the freshmen and all new students with the *Philatelic Society*. It is hoped that the students will respond.

## Tau Beta Pi Selects Davies As Delegate

At a meeting held by Tau Beta Pi, Friday, September 23, in order to select a representative to the national convention at Washington, D. C., W. W. Davies, president of the local chapter was appointed. He is to place before the convention an invitation to hold next year's national convention in Chicago.

## REVIEWS

### THE GIANT OF THE WESTERN WORLD

By Francis Miller and Helen Hill

Those who can stand their economics written in a style that hints of humor (and doesn't attain it) may satisfy their appetites on this number. "The Giant of the Western World" is a study of America since the War as a social and economic force in Europe.

What the *World War*, Hollywood, high pressure salesmanship, etc., did to the relations between America and Europe are discussed. An explanation of the process by which our capital invaded the Old Country and gave them the blessing of our civilization: G. E. refrigerators, Parker pens, Ford's and easy payments is included. We sold to them because our production had reached a point which demanded additional outlets. The imposing figures at which international commerce arrived is a proof that the lands across the Atlantic approved of the importations.

Miss Hill and Mr. Miller must have a grudge against simplicity. It might have been a lot less sophisticated to have stayed away from their style of long loose sentences and their far-fetched paradoxes, but it would have been easier to have understood their points. One word, in particular, they bore down on until it squealed was "dynamic."

## RIFLEMEN ASKED TO JOIN ARMOUR TECH RIFLE TEAM

If you should see some member of the Tech Rifle team running wildly about, don't be alarmed, he's just out gunning for game. As it happens the majority in the club are seniors; consequently, the hunt for new prospects.

Hence and therefore, all ye gunners, make yourselves known to those in charge. They may even let you try the rifle which is to be bought by them within the next few weeks. The team prefers high school rifles, but they willingly admit that some of the best shots in the club developed from men who had no experience whatever.

The first scheduled match is set for October 6 at Fort Stanton with the Humboldt Park Gun Club. Other matches are to be booked in the next two or three weeks.

## Thieves Take Kelly's Collection of Stamps

During the summer, while Mr. and Mrs. Kelly were away, some thieves broke into their home and ransacked it, taking with them Mr. Kelly's collection of valuable old stamps. The stamps were the only thing of value taken.

Although the stamps had a considerable monetary value, Mr. Kelly valued them especially as keepsakes. Many of them were given to him by the late Deans, Muzzin and Palmer, and by Doctor Raymond. Others were presented to him by students at the Institute from foreign countries. These stamps can never be replaced.

Mr. Kelly had collected these stamps for thirty years, and the loss was enough to discourage any philatelist. However, Mr. Kelly will begin a new collection.

Rog Waindle M. E., '32, and his classmate Al Jungels, left last July for England, France, and Germany on the steamship *Leviathan*. While at sea they made an extensive study of the boiler rooms of the ship. While in Germany, they travelled mostly by air because of the reasonable rates.

# INTERCLASS BALL GAMES TO START IN COMING WEEK

## Teams Will Be Allowed One Evening For Practice

### WILL ISSUE EQUIPMENT

The annual interclass baseball series opened yesterday when the seniors took the field for their lone practice session. In this post-season tournament each class team has just one chance to practice together before the scheduled games. Managers for the various teams have been chosen by their classmates to conduct practice and take charge of the equipment.

Letter men in baseball are eligible to play with their class teams but will not be permitted to play their regular positions. All players will appear with their own suits and gloves, as no equipment will be issued except bats, baseballs and catchers paraphernalia. Freshmen and new students are urged to see their respective managers and signify their intentions of playing.

### Medals to Be Awarded

These interclass games will enable ambitious students to get activity points. For the benefit of the incoming students it may be explained that ten Honor Cycles, the Armour yearbook, are awarded to the graduating seniors who have the highest number of points obtained by activity in sports, publications, clubs and fraternities, and scholarship during their four years at Armour.

In addition to this, players who play well on the diamond will have an excellent opportunity to show their prowess on next year's baseball squad. Medals will be awarded to players on the winning team.

Last year the final tabulation showed the seniors winning the interclass championship by virtue of a 3-1 victory over the sophomores in the championship game.

All games are to start promptly at 4:00 p. m. and are five innings long. Three innings can be called a contest in case of rain or darkness.

### Baseball Schedule

#### PRACTICE (4:30 P. M.)

- Mon., Sept. 26—Seniors
- Tues., Sept. 27—Juniors
- Wed., Sept. 28—Sophomores
- Thur., Sept. 29—Freshmen

#### GAMES (4:00 P. M.)

- Fri., Sept. 30—Seniors vs. Juniors
- Mon., Oct. 3—Sophomores vs. Freshmen
- Wed., Oct. 5—Championship Game

## Armour's Tennis Courts Improved

If a person were inclined to doubt the comments of the various daily newspapers scattered over the country about the fact that tennis has had a remarkable increase in popularity during the past year, he should have noticed the way in which the Armour tennis courts have been crowded to capacity throughout the first week of school. This sudden interest in tennis was first brought to the public's attention when a crowd of 15,000 spectators saw Ellsworth Vines, Jr., defeat Henri Cochet for the national singles championship. This was the largest crowd that ever saw a singles match in the history of tennis.

Whether that is the reason or not it is a fact that the Tech courts have been used very much lately. Tennis players have found that the new covering of red brick dust recently put on the courts has completely stopped the glare of the sun, which was so bothersome last spring. Besides the men who have been using the courts to get in shape for the coming tournament, several members from last year's team have been seen playing on the courts. As a result of participating in several tournaments in and around Chicago this summer, the letter men were showing a marked improvement over their play of last spring.

Thursday afternoon twenty-five men were present at a meeting called by Prof. W. W. Colvert for the purpose of getting the fall tennis tournament started. These men who entered the tournament are urged to find their respective opponents as soon as possible and get their matches played.

## Track Team Ends Successful Year

Led by Captain Charles Jens '31, and coached by A. A. Stagg Jr., the Armour Tech track team ended a very satisfactory and successful season of indoor and outdoor track competition last June with a total record of six victories and three losses.

A great deal of new material presented itself at the first meeting of the track team on Wednesday, October 23, the squad being the largest since the origin of the team at Armour. Coach Stagg obtained the use of the new U. of C. fieldhouse for indoor practice, and after intensive training on that superb track the Tech tracksters were ready for their first opponent, La Grange. They proved their superiority twice, La Grange by beating them twice, first in a dual meet and a week later, in a triangular meet with the University of Chicago "E" team.

The Sears Roebuck "Y" team also fell before the onslaught of the Tech men at the farmer's gym, which has a 27 lap track. Despite this handicap, a decisive score was reached, the engineers being well ahead at the close of the meet.

### Injuries Are Big Setback

At this point, the team received two distinct setbacks. The first was a defeat at the hands of an out-of-town opponent, North Central College of Naperville. The second blow occurred when George Nelson, Tech's star trackster, broke his collar bone for the second time in two years. He was lost to the team for the remainder of the indoor season and for a large part of the outdoor season. However, the team refused to be beaten by hard luck and defeated Crane Junior College in the last indoor meet of the season.

### Armour Relays Big Success

Before starting outdoor practice, the tracksters entered the C. A. A. U. meet and took a second place in the relay event, beating Lehigh and coming in right behind Northwestern. Captain Jens topped the third place medal in the shot put. The team was also successful in the Armour Tech Relays, bringing home ten medals. The relay team took two third places in the relay events and Jens and Pustushki got medals for third and fourth places, respectively in the shot put.

Outdoor practice was started immediately in preparation for the initial meet with "Y" College at Ogden Field. The same track was also the scene of the Tech men's training activities for the outdoor season. Victory and defeat presented themselves the same day at a double dual meet, Armour defeating Lake Forest and losing to Milwaukee State Teachers at Stagg Field. The tracksters closed the outdoor season when they travelled down to Peoria to engage Bradley Tech in a dual meet. Although losing the meet, the Tech men completed a very satisfactory outdoor season, considering the fact that Nelson was out of competition for most of the outdoor season and Captain Jens was also out for some time with torn knee ligaments. In the Bradley meet, Elmer Sademan bore a high muscle in a dash event to clinch the lead luck. Despite their injuries, Nelson, Sademan and Jens finished first, second and third respectively, as high point men. However, the list of point scores indicates that the team was well balanced as twenty-two men broke into the scoring column for Armour in the past season.

### Sademan Elected New Captain

Since a large number of the candidates were freshmen and the majority of the Tech mainstays are returning to school, the track team should have another successful period of competition in the coming season. Elmer Sademan '33, was unanimously elected captain for the new season. He has been a consistent Armour point-scorer for the past three years and should do some fast stepping in the future. His injury has healed and he is beginning training soon as are some other track men.

Since a large squad is desirable, anyone with or without experience is urged to come out at the first call for track candidates. Plenty of time will be allowed for practice before the first meet, and the interclass track tournament will give the new candidates a chance to line themselves up.

## TECH SHORTS

### Interclass Baseball

Interclass baseball received its start yesterday when the seniors had their practice session. Each class will have its turn at practice, and on Friday the games will start when the seniors meet the juniors. From available information it seems that the juniors will have the edge over the others unless the fresh surprise us.

"Put me down for a three, Jim." "Say, you took five and including the times you missed completely." "Hey you! No hand-mashie shirts allowed!" Such conversation may be overheard when the annual golf tournament gets under way. A medal will be awarded the winner. Watch the bulletin for information as to time and place. As lettermen are ineligible to compete, every entrant will have a good chance of success.

In a note added to the bulletin concerning interclass baseball, Coach Kraft said he would accept World's Series tickets from anyone not able to use them due to interclass games conflicting. Upon being questioned he very confidentially admitted that he wasn't enough interested in the Cubs to take the time to attend, so these tickets may be turned over to us instead.

The tennis courts are filled with students indulging in that sport during their spare time. A layer of

red brick dust has been laid on the courts to improve their playing qualities.

With the advent of fall comes the annual question asked by the freshmen "Why doesn't Armour have a football team?" After they've been here awhile the reasons will be apparent, as lack of time and facilities would be a great handicap to overcome.

In an impromptu game of indoor baseball held on Ogden Field the senior electricals met the junior civils. The result of the nine inning game is in doubt as the electricals claim they won 9 to 8 and the civils maintain that they had the long end of the score.

### Awards Made

In adjoining columns is a list of awards made to members of the athletic and rifle teams for the 1931-32 season. Ninety-three awards were made. Of these 32 were major A's, 41 were minor A's, 2 were sweaters only, 11 were blankets and 7 were rifle team medals.

The track squad was given the largest number of awards—11 major, 11 minor A's, and 1 sweater. Next in line was the baseball team with 11 major and 2 minor A's. Nine members of the basketball team were given major letters, and the swimmers received nine minor and a major letter. The boxers received 8, the tennis team 6, and the golf team 5 minor A's. One major A was given in golf.

H. F. B.

## Awards Given to 80 Armour Men

Eighty-six awards in the form of letters, sweaters, and blankets were given to men who participated in the various sports at Armour during the school year ending in June, 1932. This number does not include seven awards given to members of the Rifle Team. With each letter awarded by the A. T. A. A. there was given a sweater as well, and graduating seniors who had won major A's were given blankets.

Following is a complete list of these awards for the college year of 1931-32:

- Basketball—Major A**  
C. J. Robin, J. F. Ilg, S. A. Carlson, L. G. Rammel, A. F. Christoph, G. J. Beemsterhoer, H. C. Setterberg, J. C. Owen, Mgr., H. Rossing, Capt.
- Track—Major A**  
E. C. Cordes, A. J. Kruczak, L. Frateschi, J. Roberts, S. M. Lind, C. H. Fox, H. C. Setterberg, K. S. Hirsh, Geo. Nelson, E. E. Sademan, Chas. Jens, Capt.
- Track—Minor A**  
A. Tiensuu, A. J. Rosen, M. J. Heller, D. E. Freer, J. B. Finnegan, Jr., A. J. Jungles, R. Van Dyke, A. Kulpak, H. S. Hendricks, H. P. Richter, A. E. Coleford, Mgr., T. F. Jones, sweater only.
- Baseball—Major A**  
T. Omiczenski, S. M. Lillis, V. J.

Galvani, A. J. Evans, G. Mayer, M. A. Lucas, V. Omiczenski, W. G. Buehne, C. B. Sommer, R. F. Young, H. P. Richter, Mgr., G. M. Reed, Minor A, L. W. Biegler, Minor A.

**Boxing—Minor A**  
L. J. McDonald, L. Marcus, P. Talaber, W. C. Behmer, J. P. Schavilje I, Heckmiller, W. L. Sandstrom, Capt., F. A. Uatryski, Mgr.

**Swimming—Minor A**  
I. A. Kolve, J. J. Ahern, N. C. Giovan, A. F. LaForee, S. A. Bernstein, R. W. Carlstrom, E. L. Byanskas, A. H. Weston, Capt., J. B. Dikkers, Mgr., J. O. Cavanaugh, Major A.

**Tennis—Minor A**  
R. Armsbury, F. W. Paine, E. F. McDonough, S. B. Cone, L. H. Stroh, G. W. Schodde, Mgr.

**Golf—Minor A**  
S. Johannisson, L. Davidson, W. Weldon, D. W. Pearson, Capt., W. Trautman, Mgr., R. Richards, sweater only.

**Blankets**  
H. C. Rossing, C. J. Robin, S. A. Carlson, K. S. Hirsh, C. H. Fox, C. J. Jens, S. M. Lind, H. C. Setterberg, R. F. Young, J. O. Cavanaugh, E. H. Knox.

**Rifle Awards**  
Bar with 1932 put on awards already received by the following: K. L. Haeckley, A. H. Holnick, W. G. Hollman, D. G. Wilson.  
New awards to the following: T. A. Marow, S. J. Patla, F. W. Palno.



ATTILA—"THE SCOURGE OF GOD"  
"Nature in the Raw"—as portrayed by the great painter, Harvey Dunn... Inspired by the barbaric cruelty of Asia's most dreaded plunderer... "the grass could not grow where his horse had passed"...433-453 A. D.

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They are *not* present in Luckies... the mildest cigarette you ever smoked

**WE** buy the finest, the very finest tobaccos in all the world—but that does not explain why folks everywhere regard Lucky Strike as the mildest cigarette. The fact is, we never overlook the truth that "Nature in the Raw is Seldom Mild"—so

these fine tobaccos, after proper aging and mellowing, are then given the benefit of that Lucky Strike purifying process, described by the words—"It's toasted". That's why folks in every city, town and hamlet say that Luckies are such mild cigarettes.

**"It's toasted"**  
That package of mild Luckies

"If a man writes a better book, preach a better sermon, or make a better mouse-trap than his neighbor, let him build his house in the woods, the world will make a beaten path to his door."—RALPH WALDO EMERSON.  
Does not this explain the world-wide acceptance and approval of Lucky Strike?