



## ARMOUR PLAN TO BE DISCUSSED AT MEETING FRIDAY

### Math Department to Attend Teachers Meeting

### KRATHWOHL TO SPEAK

On next Friday night the Men's Mathematics Club is inviting the members of the department of mathematics of the Armour Institute of Technology to take charge of the program for the entire evening. The members of the club are for the most part high school teachers of mathematics who meet once a month to discuss problems in the teaching of mathematics. They are very much interested in the Armour Plan and Professor Krathwohl has been asked to discuss its purposes and aims. He plans to devote the major portion of the evening to showing how the Armour Plan is meeting the new demand in engineering education. The members of the club will then be given an opportunity to ask questions.

### Bibb, Teach Read Papers

Professor Bibb will follow with a paper on "Interesting Detours in Algebraic Instruction," in which he will discuss graphic solutions of algebraic equations, some uses of the Pascal triangle, and continued fractions as roots of equations.

Professor Teach will close the evening with a paper on "Mathematical Instruction," in which he proposes to discuss the nature of complete inductive reasoning, and to show that the proofs of conic section theorems established inductively are often incomplete.

## A.I.E.E. Continues to Present Speakers

Continuing its policy of presenting a prominent speaker at each of its meetings, the A. I. E. E. has selected Mr. Wolfing, a system development engineer of the Commonwealth Edison Company to deliver an address. Mr. Wolfing will make his appearance on Friday morning at 10:20 a. m. in the electrical lecture room and has chosen "Alternating Current Networks" as his subject, and will lay particular stress upon the necessity of balance in the control of voltage in circulating current.

Mr. Wolfing has long been one of the most prominent men in his field, and coupled with the experience he has received in his work for the Commonwealth Edison Company, he is in a position to state conditions and facts authoritatively.

## Armour Players Plan to Attend Irish Play

Several members of the cast of the play, which the Armour Players are presenting at an assembly on Friday morning, April 7, together with Professor and Mrs. Hendricks are planning to attend J. M. Synge's famous three act comedy, "The Playboy of the Western World," at the Harris Theatre this Thursday evening. The famous Abbey Theatre Players from the Abbey Theatre in Dublin, Ireland, who are in Chicago for a limited engagement, are presenting the play, the same one which caused much controversy in dramatic circles when it was first presented several years ago.

### Work on Own Production

If the unusual amount of effort which the Armour Players have exerted in order to see this famous company of actors is any indication of their interest in dramatics, their own play should prove well worth seeing. At present they are hard at work, and the cast is rapidly being whipped into shape under the able direction of Professor Hendricks with the assistance of Harold Monger who is in charge of production.

## NEW BULLETIN

A special bulletin describing the course in Electrical Engineering will be ready for distribution at the Office of the Deans on Thursday, March 16.

## Music Clubs to Sing at Belmont

The orchestra and glee club after having made such a success of their North Shore Hotel appearance are now engaged in preparing for their fourth concert this semester. They are going to present a concert at the Belmont Hotel next Friday night, March 17. In addition to their regular Thursday night practices, the glee club is holding a special rehearsal tonight with the orchestra in preparation for this big event.

### Dancing After Concert

The concert will be given by the Alumni Association of the Chicago Teachers College, and will commence at 8 p. m. The entertainment by the musical clubs will last about one hour and three quarters, after which there will be dancing in the ballroom. Any other students who may wish to attend both the concert and dance will be heartily welcomed by the association, and may obtain tickets for the nominal price of fifty cents per couple. The members will be in formal attire and the ball room will be decorated in a manner befitting the occasion. The appearance means much to the progress of the musical clubs, and therefore much care must be taken to make it a successful one.

### Outset on Church Program

The outset will sing several numbers Sunday night at the Northshore Presbyterian church, Central Park avenue and Harrison street. The event in the Sunday evening meeting of the Men's Brotherhood with the program directed by J. P. Sanger '21.

The program will include "The Power of Thanksgiving," "The Best of Friends," "Creation Hymn," "Out of the Dark," "Mighty Lak a Rose" and "Alma Mater."

The clubs have been able to make these appearances through the efforts of Mr. Robinson, the director, and every concert has added to the prestige of the organizations.

This marks the second appearance of a concert presented by both the Orchestra and the Glee Club. The two organizations will not only offer individual selections but the orchestra will also accompany the Glee club to really present a finished concert.

## Two Architects, One Civil, Enter Contest

For the fifth year the American Institute of Steel Construction is sponsoring a competition in bridge design for engineering and architectural students. The underlying purpose of these competitions is to improve the aesthetic side of steel bridge design, and to develop the engineer's sense of beauty.

This contest is open to all students registered in any recognized technical school of the United States and Canada, and offers cash prizes of one hundred dollars and fifty dollars for the first and second prizes respectively.

### Highway Bridge Is Problem

The particular problem for this year's contest is the design of a steel highway bridge, two hundred fifty feet long, crossing a deep gorge with precipitous rock walls.

Of the three Armour men who have entered the contest so far, two are architects, and one is a civil. The design that one of the architects has devised is outstanding in its originality, while the other two are of a more conventional style.

### INTER-HONORARY DANCE

Plans for the inter-honorary dance will be presented shortly. The dance should be held some time within the next month or so. Just when is yet to be decided. A meeting of the inter-honorary council has been called by W. W. Davies for this week, and most of the details will probably be discussed then.

## Rifle Team Beats Lawson Y.M.C.A.

The Armour Tech Rifle Club distinguished themselves last Tuesday by defeating the Victor Lawson Y. M. C. A. rifle club by a score of 1806 to 1734. The meet was held on the Armour range, the event being shot in four positions at 75 feet.

### Elect Officers

During a meeting of the club held last Wednesday, the officers for the coming year were elected, and by a unanimous vote the dues for the second semester were reduced to fifty cents. The office of president, formerly held by Wandsby, is to be taken over by A. Marrow, F. D. E. '35. Hemming succeeds Blackley as treasurer, and Rindstrom was elected to the team captaincy. The position of manager will be occupied by Harwood who was preceded by Palmer.

At the meet last Tuesday each team consisted of eight men, the five highest scores to count. The highest of the Armour men were Wilson, Hollmann, Hechler, Blackley and Rindstrom. Marrow, Palmer, and Harwood also competed.

### Plan Additional Matches

The Armour team showed up well, but it is thought that more shoulder to shoulder matches would make the team more confident. There are tentative plans for further matches with Lawson and also with Western Electric. The team is in the last stage of the Illinois state match with a good chance to win it. The complete results will, in all probability, be ready for the next issue of the News.

Saturday, March 11, Hollmann shot 192 in the state match. This means for a standing position a total of ninety-four points, which has been the record for the past two years.

## W.S.E. Hear Addleman Talk on Armour Plan

At a meeting of the junior members of the Western Society of Engineers in the Engineering Building last Thursday evening Perry Addleman spoke on the "Armour Plan" of technical training and engineering education. Mr. Addleman is the author of the "Armour Plan."

The weekly bulletin of the society in describing the meeting says that there has been a feeling in engineering circles for the last few years that some drastic changes were necessary in the engineering educational field if the needs of industry for trained men were to be properly met. The Armour Institute of Technology was the first school to face the problem and prepare a plan for its solution. Nothing along the lines of engineering education has been discussed as much recently as has the "Armour Plan." As the organization for its operation is being formed in spite of tremendous difficulties, this new system is likely to undergo even greater scrutiny.

## Foxy Freud Frustrates Feasters; Confiscates Chemicals' Confections

### By John Hamilton

Julian Levy cautiously peered around the door jamb into the organic lab. Was the coast clear? It was. He gingerly stepped into the room. His arm tightened around the precious box he carried as he spotted Professor Freud in a far corner. But he was still safe. The good professor was apparently quite unaware of his presence. Quickly he sneaked behind the protecting hood and prepared to divide the spoils. "The Hershey for you, and . . ." bang! The box was gone!

Professor Freud seated himself at his desk. "Ah ha," he said aloud. "Now I've confiscated the gold supply just like the government has. Let's see—ten, fifteen, twenty-five—thirty cent's worth. My, this is quite a find, gentlemen. But wait, there are no Mar's confections here. I like Mar's candy best."

The great Julian Levy Candy Bar and Confectionery Importing Company, Inc., (by appointment to the sophomore chemicals) was on the

## Naming Contest Brings Results

That old saying of "My kingdom for a horse" may seem silly to some but it certainly seems to have a lot of weight around the Tech News office. For the weekly is offering its kingdom for a suitable appellation for Armour's athletic teams, said kingdom being a paltry five dollar prize. We say paltry as our net income for the last fiscal year was approximately \$5,031,416 and whereas our assets are now in a thoroughly liquid state they will probably be thrown into a distinctly reverse condition when the contest winner is decided.

So far many prospective titles have been sent in by students but, on the contrary, none have been received from our faculty. The faculty is reminded that the contest is open to everyone connected with the Institute, except members of the News, and any suggested name from a faculty member would be welcomed. While a name that can be applied to the whole student body, such as the Nebraska "Cornhuskers", is preferred, an appellation that can be given only to athletic teams may also be suitable.

The judging committee, consisting of Professors Heald, Hendricks, and (Continued on page 2)

## Stephan A. Ziemann Speaks to A. I. Ch. E.

Dr. Stephan A. Ziemann, head of the physics and chemistry departments of DePaul University, spoke before the A. I. Ch. E. last Friday, March 10, in the electrical lecture room. His talk, which was illustrated with slides, was on "Mendel and the Laws of Heredity." Dr. Ziemann was accompanied by Dr. James Monahan, famous Chicago surgeon, who has done some important work on poly-darwinism in connection with heredity.

After giving a brief history of developments in the study of heredity, Dr. Ziemann gave a few details of the life of Gregor J. Mendel, an Austrian monk, who not quite a century ago gave us the laws of heredity which now bear his name.

Mendel experimented, among other things, with two different varieties of peas, one a tall plant and the other a dwarfed plant. The results of the cross fertilization brought him to the conclusions stated in his laws. More recent work on heredity has resulted in the formulation of many additional laws. These are linked up with the concept of the role played by chromosomes and genes in the fertilized cell which determine the characteristics of an individual.

Slides which portrayed the results of experimentation and the various theories deduced as well as photographs of Dr. Monahan's work were shown.

The stock was as worthless as a towel full of sulphuric acid. The work of over a semester was gone. Julian Levy, pioneer founder and chief executive of the famous concern, stood at his bench with bowed head. The end had come. Once more had Fate, the great controller of human destinies, played its hand. A hushed silence spread over the lab as his fellows went about their work with empty stomachs. No more would they thrill to the exquisite flavors of the candy manufacturers as they carried on their preparations.

Professor Freud gloated over his new riches as he fondly surveyed them. He had watched the struggling importing company rise from a small business of a bar or two a day to a concern that would put General Motors to shame. But while he watched, he had plotted and waited for his chance to come. It had come. He had fixed Levy's clock.

And that's all there is, gentlemen, there isn't any more.

## SCHOLASTIC STANDING OF ENTIRE STUDENT BODY IS HIGHER THAN LAST YEAR

### Fire Protects Lead in Departmental Ranking; Salamander Leads Honoraries

### JOHNSON HAS HIGHEST AVERAGE OF STUDENTS

The Fifth Annual Invitational Armour Tech Indoor Relay Carnival has been postponed and will be held April 1 instead of March 18 as originally announced.

## Roberts to Talk on Rope Making

On Friday, March 17, the members of the Fire Protection Engineering Society and the American Society of Mechanical Engineers will hold a joint meeting. Mr. H. R. Roberts, of the Plymouth Cordage Corporation, a leading manufacturer of hemp and manila rope, will present a motion picture of the entire process of rope manufacture and preparation for the market as it is done today.

Due to the fact that this topic is interesting and valuable, an invitation was extended by Carl T. Sorenson, president of the F. P. E. S., to members of A. S. M. E., to attend the picture.

This meeting will be one of the most interesting student meetings of the year and will be held at 10:30 a. m. A cordial invitation is extended to members of all other departments.

## Frosh Soph Complete Plans for Big Dance

Final arrangements for the frosh-soph dance have now been completed and the bids have gone on sale. All is now in readiness for what the two classes hope will be one of Armour's biggest social events.

The combined frosh and soph social committees have fully lived up to their promise to provide something unusual in bids. They have prepared a bid of white celluloid in a black suede envelope decorated with the Armour monogram in gold. The lettering on the bids has a modernistic aspect, and the appearance of the whole is quite swanky.

Bids may be obtained from John J. Ahern, chairman of the sophomore social committee, I. N. Hughes, chairman of the freshman committee or members of the two committees. The dance is to be held at the Medinah Athletic Club, Friday evening, March 31, the music to be supplied by Jack Chajman and his orchestra. Bids are \$2.00 each.

## Senior Fire Protects Visit Marshall Field's

Senior Fire Protects took an inspection trip through Marshall Field & Co.'s retail store last Friday afternoon. The students were not treated to the trip given to the average person, but were shown into the engineering departments thereby seeing generally what goes on behind the scenes of the largest department store in Chicago.

Instead of finding just a department store, they found a miniature town complete with a wood-working shop, laundry, shoe working shop, and refrigeration system, and lacking only the individual houses.

### ETA KAPPA NU PLEDGES

Delta Chapter of Eta Kappa Nu, honorary electrical engineering fraternity announces the pledging of the following men: A. B. Bronwell '33, J. D. Fernbach '33, W. H. Hulswit '33, S. G. Lehmann '34, D. O. Schwennesen '33.

The office has for the past few weeks been engaged in compiling the scholastic standings of the members of the various departments, classes, and fraternities. In the computation, the grades in Physical Training were omitted and a credit for work at other institutions is considered equivalent to a grade of "C".

The average of the entire student body, a total of 843 students, is 85.2%. The averages of the various classes:

- The Senior Class . . . . . 86.8%
- The Junior Class . . . . . 86.0%
- The Sophomore Class . . . . . 84.5%
- The Freshman Class . . . . . 84.0%

The student with the highest average in the Senior Class is James W. Jayhull who has led his class throughout the entire three and one-half years. His average is 95.5%.

The student with the highest average in the Junior Class is Walter E. Gunderson who has led his class for the last three years. His average is 96.2%.

The student with the highest average in the Sophomore Class is Raymond MacI. His average is 96.4%.

The student with the highest average in the Freshman Class is Russell Johnson. His average is 97.5%.

### DEPARTMENTS

- Mechanical Engineering . . . 85.3%
- Electrical Engineering . . . . 84.8%
- Civil Engineering . . . . . 85.0%
- Chemical Engineering . . . . . 85.0%
- Fire Protection Engineering . . 87.5%
- Architecture . . . . . 82.8%
- Science . . . . . 79.7%

The following groups are arranged according to the seniority of their establishment at the Armour Institute of Technology:

### HONORARY FRATERNITIES (Scholastic)

- Tau Beta Pi . . . . . 92.0%
- Pi Tau Sigma . . . . . 91.0%
- Eta Kappa Nu . . . . . 91.8%
- Chi Epsilon . . . . . 90.5%
- Phi Lambda Upsilon . . . . . 91.3%
- Salamander . . . . . 92.2%

### HONORARY FRATERNITY (Non Scholastic)

- Pi Nu Epsilon . . . . . 86.5%

### HONOR SOCIETY

- Sphinx . . . . . 88.2%

### PROFESSIONAL FRATERNITIES

- Scrab . . . . . 86.9%
- Alpha Chi Sigma . . . . . 88.2%

### SOCIAL FRATERNITIES

- Phi Kappa Sigma . . . . . 86.6%
- Delta Tau Delta . . . . . 84.4%
- Theta Xi . . . . . 85.1%
- Sigma Kappa Delta . . . . . 85.1%
- Phi Pi Phi . . . . . 83.7%
- Rho Delta Rho . . . . . 86.5%
- Sigma Alpha Mu . . . . . 82.2%
- Triangle . . . . . 84.0%
- Beta Psi . . . . . 84.2%
- Kappa Delta Upsilon . . . . . 86.9%

## Harvard Offering Scholarship Awards

The school of architecture at Harvard University has announced the offering of three scholarships, each with an income equal to the tuition fee for the academic year 1933-34, according to a bulletin released by the school recently.

Competition for the scholarships is open to men who have had at least three years of architectural preparation, consisting either of office experience with an architectural firm or of satisfactory work in a college or scientific school of good standing.

The awards will be made to the contestants who submit the best preliminary sketches and subsequent final drawings in architecture design. Entries will be judged about April 15, and the contest winners announced as soon as possible.



OTHER CAMPUSES

A six hundred dollar scholarship offered by Yale University has not even been applied for since 1919.

When asked the definition of a coed in an examination, a student at McGill University answered thus: "Coed—just a contraction of the word coeducational applied now to women aspiring to compete for an education with the higher type of human."

More college graduates among organized nudists claim Harvard University as their alma mater than any other institution.

At the University of California, examinations are given in a course at the end of four week period. If the student makes a grade of A, he is exempted from the course and receives a five dollar refund on his tuition.

An English professor at the University of Washington says, "Slang is incipient poetry. In aptness, descriptive power and pungency, when not allowed to become trite, slang phrases add vitality to formal English grammar."

Ten married men in a Cleveland college class received permission to take their wives to class at a rate of a "fare and a half" the couple.

Physical education requirements at the Universities of Michigan and Wisconsin have been reduced from two years to one.

Students of Swarthmore College who fall asleep in the library are warned; after three warnings, they must pay a fine.

Student interest in the depression, and in books about it, is so great at the University of Oregon that the university library recently opened a new shelf to meet the popular demand.

In the study of "Problems of Freshman College Girls" released at Columbia University, Dr. Eugene Leonard reports sixty-six per cent of the coeds interviewed at Syracuse University talk over their love affairs with their mothers.

Booth Tarkington, famous author, said in an article written for the Daily Princetonian recently, that college students of today work twenty times as hard as students of forty years ago.

A report has it that a senior at Massachusetts State was so surprised upon finding his name among those exempted from the final exams that he photographed the list to show his parents.

Nearly forty professors and college officials of North Carolina State are casually referred to by students with names such as "Cowboy", "Quin", and "Rat-face".

Twenty-five cars owned by students of Lehigh University were confiscated recently by the Pennsylvania state highway police, having been classified as "relics unfit to operate on the public streets."

Upperclassmen at Roanoke College have organized the Freshmen into a Goldfish Club. The requirements for admission oblige every prospective member to swallow one live goldfish.

Students who fail in one subject are not permitted to use the library at the University of Washington.

A culture test conducted at the Carnegie foundation recently brought about an interesting result. It was found that the average freshman knew more than the senior student, especially in mathematics and English.

LETTER BOX

Students of Armour— Swimming, as an interclass and intrafraternity sport has been sadly neglected since the innovation of competitive athletics at Armour.

There are numerous students at Armour who haven't sufficient time to go out for a place on the varsity swimming team but who would welcome a chance to compete in a student intramural meet.

However true the fact that Armour students get a good deal of homework, a little time can be found to compete in an event such as this which could be made attractive enough to draw a large number of contestants.

In addition to the obvious benefit to the students such an event would undoubtedly uncover valuable material for our varsity swimming team.

The most would of necessity be held in the U. of C. swimming pool at Bartlett Gymnasium, which is available to students of Armour at most times.

I hope that there is an interest in Armour students which can be awakened for the successful completion of such an athletic event.

Editor: A question of great importance to the Armour Musical Clubs is about to be decided.

"College Night" at Medinah Club

The Medinah Athletic Club, 505 North Michigan Avenue, has a regular weekly feature that is well worth attending. On Thursday evening the club holds a dinner-dansant, featuring Al Marney and his band and includes a six-course dinner for the moderate sum of \$1.50 per couple.

The Medinah Athletic Club is well worth seeing. The building and its equipment are said to have cost over \$8,000,000 and because of the unusual nature of the decoration scheme has been called "a 20th Century Arabian Night's Dream."

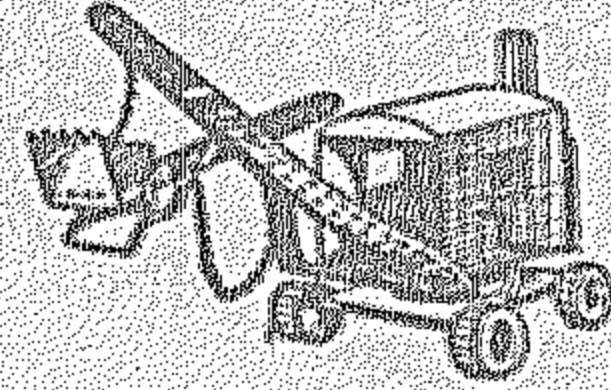
before the final decision is made.

An opportunity has presented itself to the musical organization of Armour to exchange a concert with a prominent college. In order to do this we would have to guarantee a certain attendance at the performance given by the visiting college at Armour.

This exchange, we believe, has many distinctive advantages, both to the musical organization and to the student body as a whole. For one thing, students and faculty of Armour will be able to hear what other schools are doing under similar conditions.

We would like to know if the students would be willing to support a concert of this kind.

THE STEAM SHOVEL



Pardon us! It was asked if the unique spelling "cannibalism" meant cannibalism or conubialism. Such indefinite statements are left to the better judgment of the reader.

Perhaps at this time, we should acknowledge some remarkable achievement of a member of the faculty. Dave Moreton stopped the flow of the Buckingham Fountain's only competitor, the Physics Lecture Room Radiator.

After recording data in the gas lab for half an hour, imagine brother IRWIN SCHNEEBALG'S embarrassment when he discovered that the ammeter he was reading was not even hooked up in circuit.

When Doctor Scherger to class did go.

He found his pupils had departed, Reason? Why, his watch was slow! The next class had already started!

Add to the Wilson Whimsical Words of Wisdom, "A Day's Work 'Foreday's' Pay"

Professor Carpenter:

The school of the spelling lesson the other day has so lowered our persistence that we are now indisposed.

Fraternity Notes

THETA XI

Alpha Gamma Chapter of Theta Xi takes pleasure in announcing the initiation of the following men: Ernest Bowersdorf, Ch. E. '34. Carlo Christensen, M. E. '36. Robert Nelson, M. E. '34. Eugene Norris, Ch. E. '36.

BETA PSI

A dance will be held at the chapter house next Saturday night. It is expected that quite a few alumni will be present.

With the approach of spring plans are being laid for the baseball season.

The newly initiated members in order to demonstrate their full recovery from the effects of Hell Week have challenged their late tormentors to a baseball game.

The ping pong tournament is nearing a finish, three aspirants being left, Bristol and Stalb will play off their match sometime this week with Joe "Dark Horse" Kubiaka impatiently waiting to knock off the survivor.

PHI KAPPA SIGMA

The regular spring dance, held at the chapter house last week was a great success. Don Nash played and gave us his usual exhilarating dance rhythms. Several of our members from Chicago University as well as many alumni and friends, were present to make a merry crowd of revelers.

The ping pong tournament which has been going on in the past weeks has met with much enthusiasm by the fellows. Since all the houses have tables, the competition is good.

Belmont Y.M.C.A. Beats Wrestlers

The Tech wrestlers met the Lincoln-Belmont Y. M. C. A. last Saturday evening and were defeated by the count of 7-2. The squad was minus the services of Captain Talar, Larson and Vendley who were out due to injuries.

There were a number of bouts in the 125 pound class and the 135 pound class. This was due to the fact that both teams had a number of men wrestling in these groups. Por-rill lost his match along with Mars-lek and Papis in the 125 pound rating. Boberg and Patterson met stiff competition in the 135 pound division and were defeated.

Sumner Loses in Overtime

The main attraction of the evening took place when Sumner of Tech met Lukas of the Lincoln-Belmont Y.. Both men fought hard and at the end of the regulation time Lukas was only able to obtain a fifty-eight second time advantage over Sumner. This advantage was not large enough to concede the match to Lukas and both men were required to wrestle a six minute overtime. Lukas was able to ride Sumner for his three minutes, while Sumner lasted only part of the second three minutes before being pinned. Lukas is the Cook County champion in the 156 pound class.

Bergquist and Fleig Win

Bergquist and Fleig won the only bouts for Armour. Bergquist won his on a time advantage while Fleig pinned his man. Bard lost a hard fought battle on a decision.

An exhibition match was wrestled by Quadeo of Armour and Rosenfeld of the "Y". This took place while Sumner and Lukas were resting. Quadeo was finally pinned by Rosenfeld.

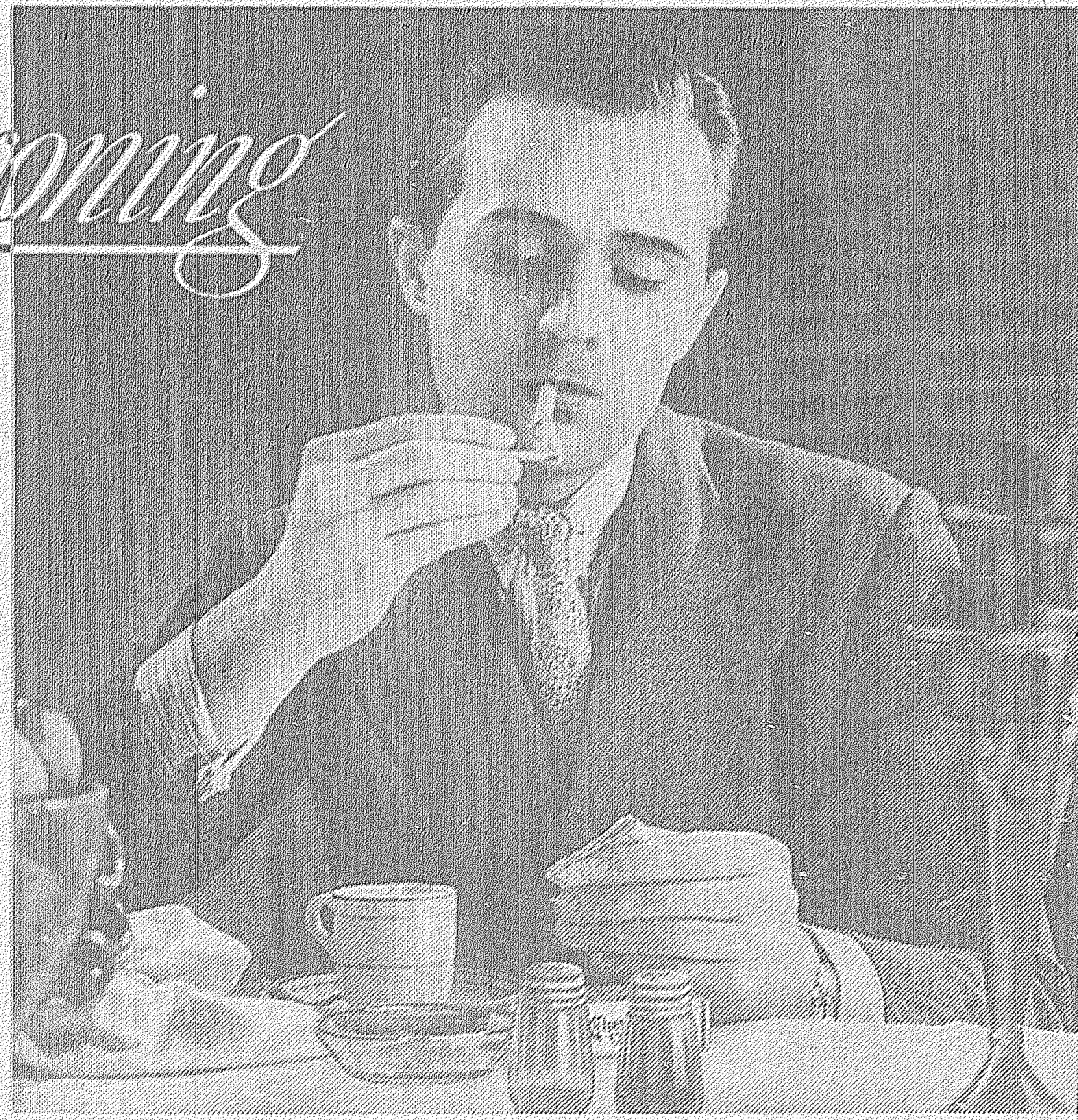
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# ARMOUR TANKMEN ARE DEFEATED BY WISCONSIN 55-29

## Madison Swimmers Win Seven Events for Large Margin

### CARLSTROM—8 POINTS

The Armour Tech swimming team traveled to Madison, Wisconsin last Saturday and encountered its seventh setback of the season, at the hands of the strong University of Wisconsin tank squad. The Tech men swam well despite defeat and rather unfavorable conditions. The tank water was a great deal warmer than usual and the poor condition of the Wisconsin springboard caused a great deal of trouble to the fancy divers of both teams.

#### Carlstrom Lowers Own Mark

In the 100 yard freestyle event, Captain Roy Carlstrom led the Wisconsin man to the final turn, but lost the lead in the last lap to come in a close second. The winner's time was 56.0 seconds and Carlstrom was timed at 52.5, which is three seconds lower than the Tech record he set early this season. Roy won the 40 yard freestyle event and thus led the Tech team in scoring with 8 points. He has been clicking off these two events in every meet, having set the record in the 40 yard freestyle also, this season.

#### Win 120 Yard Medley Relay

The Tech team of Tallafos, Knaus and Carlstrom copped the medley relay in 1:13.5 to defeat the Wisconsin men. The victory was a pleasant surprise as the Wisconsin team had defeated the powerful medley team of the Big Ten champions, Northwestern, in a dual meet last week.

Comparing the summaries below with the Tech swimming records on column six of this page, there is no doubt that the Armour men are putting forth consistent work in their competition this season. However, both Captain Carlstrom and Manager Sorenson note a decided improvement in the work of the new men on the squad, and promise a much better team for next season.

#### SUMMARIES

**100 yard Breast Stroke**—Won by Schultz, W.; second, Koiv, A.; third, Knaus, A. Time, 1:15.2.

**440 yard Freestyle**—Won by Okerhauser, W.; second, Hickman, W.; third, Lane, A. Time, 6:02.5.

**40 yard Freestyle**—Won by Carlstrom, A.; second, Hall, W.; third, Wanner, W. Time, 0:20.5.

**100 yard Back Stroke**—Won by Bardeen, W.; second, Bernstein, A.; third, Tallafos, A. Time, 1:15.6.

**160 yard Relay**—Won by Wisconsin (Hall, T. Traskell, Biljan, C. Traskell); second, Armour (Glovan, Tallafos, Ahern, LaForce). Time, 1:20.2.

**220 yard Freestyle**—Won by Okerhauser, W.; second, Hickman, W.; third, Burson, A. Time, 2:47.3.

**100 yard Freestyle**—Won by C. Traskell, W.; second, Carlstrom, A.; third, T. Traskell, W. Time, 0:50.

**Fancy Diving**—Won by Grisebach, W.; second, Bend, W.; third, Reed, A.

**120 yard Medley**—Won by Armour (Tallafos, Knaus, Carlstrom); second, Wisconsin (Bardeen, Schultz, Bedjan). Time, 1:13.5.

## Tech Wrestling Team Journeys to Morton

Still smarting from three early season defeats, "Sonny" Weissman's Tech grapplers are preparing to "take it out" on the Morton Panther on Friday evening, March 17. For when they invade the latter's gym to partake in the fourth match of their schedule, they will also be trying for their first win, which, so far, has eluded them at every attempt. Two setbacks from Wheaton and one trimming from the Lincoln-Belmont "Y" are the three red marks now on the Armour slate but a victory over Morton would go a long way toward evening up things. Coach Weissman's proteges have been working out daily in order to be in the proverbial pink for their tussle with the suburbanites.

## TECH SHORTS

### Relays Postponed

The date of the Armour Tech Relays has been changed to April 1, in order to avert conflict with this thing called the bank moratorium. The pep meeting has also been postponed to a date which will be announced later. The results of several meets held last week-end promise some real competition for the Tech invitational meet.

This season's swimming team is setting its share of Tech records and Captain Carlstrom is out to break his own. He was timed at 52.5 in the 100 yard free-style when he took second place in that event at Madison, last Saturday. He should take his own record of 52.8, down a peg or two before this season is over.

### Apologies to Sideman

Speaking of records, our track captain, Sideman, knocked down three seconds off of the indoor half mile record in the Crane meet two weeks ago, and we didn't even notice it. Sorry, Elmer, but we know you're good, anyway.

*On top of that, Elmer came back last Saturday to top a second place.*

## Tech Baseball Team Faces Hard Schedule

A complete baseball schedule for the 1933 season has just been announced, that by all indications should provide plenty of tough and varied competition for the Engineers on the diamond.

Of the fifteen games scheduled, eight are league contests while the other seven include six games with University of Chicago, Northwestern University, and Michigan State Normal and the Alumni game. The date of the first game with Northwestern has not as yet been definitely settled but will be played at any time between April 4 and April 11, that is convenient for both teams.

*in the half-mile event of the A. A. U. meet at Notre Dame, or something. The winner's time was 1:58, and Sober came in three yards behind, at about 1:50. Looks like that outdoor half-mile record of 2:00.9 set by Sam Lind last year, is going down soon. Go by it, Elmer.*

Along comes long baseball to give us more worry. Coach Kraft is getting the men out early, and the schedule indicates the necessity of getting to shape in the near future. A big gang is expected out for the meeting tomorrow in Science hall.

The Northern Intercollegiate Conference is slightly changed this year due to the fact that Mt. Morris has dropped all athletic activities for the coming year. The Alumni game is not as yet definitely dated but can be played at any time.

### Baseball Meeting Tomorrow

All pitchers, catchers and fielders, including new men are requested to meet Coach Kraft tomorrow afternoon at 4:45 p. m. in Science Hall. A general survey will be held of all prospective members, as to their positions, practice schedules, and equipment. A series of chalk talks will also be given in the future before outdoor practice begins.

### 1933 Baseball Schedule

- April 4—Armour at University of Chicago
  - April —Northwestern University at Armour
  - April 11—University of Chicago at Armour
  - April 21—Armour at Northwestern University
  - April 22—Armour at Lake Forest\*
  - April 26—North Central at Armour\*
  - April 29—Armour at Wheaton\*
  - May 4—Armour at Michigan State Normal
  - May 6—Armour at North Central\*
  - May 10—Lake Forest at Armour\*
  - May 12—Elmhurst at Armour\*
  - May 15—Michigan State Normal at Armour
  - May 17—Wheaton at Armour\*
  - May 20—Armour at Elmhurst\*
  - May —Alumni at Armour
- \* League games.

## RECORDS OF TECH SWIMMERS GIVEN FOR FIRST TIME

To date, the Armour Tech swimming team which has been meeting competition of the highest calibre this season, has won four and lost six meets. Every victory has been decisive as to score, and all losses but two have been received through misfortune in the final events. In other words, this year's swimming team is passing through the best season of the season which has ever experienced. A complete summary of the season will be given in the first issue of the News after the final meet of the season with Loyola University on March 20.

### Relay Team Enters C. A. A. U.

Armour's 200 yard relay team swam in the Central A. A. U. Senior Swimming Championships at the Medinah Athletic Club, March 8. The relay team did excellent time against what is probably the best competition available in the Middle West, not excluding the Western Conference. The Lake Shore Athletic Club and the Shawnee Country Club teams won first and second in the heat in which the Tech team was entered. Both of these relay teams placed in the final of this event.

### Records Given

The official Armour Tech school

records in the various individual events have never previously been published and is done so here. It will be seen that the present team has set new marks in seven events, leaving four old records to stand for future assault, these four being excellent times for the respective distances. The strenuous competition the team has been meeting this season accounts for all these new times. As some of the underclass team members develop, all these records, new and old, will probably fall to even lower times.

### SWIMMING RECORDS

- 160 yard relay**—Time, 1:21.0. Set by Byanskas, Giovan, Carlstrom, and Knox, 1931.
- 200 yard breast stroke**—Time, 2:47.2. Set by Trognitz, 1930.
- 100 yard breast stroke**—Time, 1:15.0. Set by Trognitz, 1929.
- 50 yard freestyle**—Time, 0:25.0. Set by Carlstrom, 1933.
- 40 yard freestyle**—Time, 0:20.2. Set by Carlstrom, 1933.
- 220 yard freestyle**—Time, 2:40.5. Set by Burson, 1933.
- 200 yard freestyle**—Time, 2:33.8. Set by Burson, 1933.
- 100 yard back stroke**—Time, 1:17.2. Set by Bernstein, 1933.
- 100 yard freestyle**—Time, 0:59.8. Set by Carlstrom, 1933.
- 300 yard medley relay**—Time, 3:29.4. Set by Weston, Trognitz, and Knox, 1930.
- 120 yard medley relay**—Time, 1:13.4. Set by Bernstein, Knaus, and Ahern, 1933.



# DANCING ON GLASS

**ILLUSION:**  
In India, the fakir presents a spectacle to tourists. Two lovely performers bend bodies and limp shoulders before the eyes of the audience, and show the jagged pieces into a box already filled with broken glass. They step barefooted into the box and do an Oriental dance in the glass without injury.

**EXPLANATION:**  
The performers toughen their feet in a strong solution of alum water and thoroughly rub them with pulverized resin before they appear. They show the feebly broken glass around the edges of the platform. The glass on which they actually do dance is very thick, heavy, and filed or ground so that the sharp edges are rounded off. The girls just pretend to dance on the sharp glass.

Sources: "Magic Stage Illusions and Scientific Diversion" by Albert A. Hopkins, Moon & Co., New York.

## IT'S FUN TO BE FOOLED ... IT'S MORE FUN TO KNOW

One of the tricks of cigarette advertising is to pretend that "Heat Treatment" is an exclusive process, making one cigarette better than any other.

**EXPLANATION:** All cigarette manufacturers use heat treatment. It is a routine process of manufacture. The first Camel cigarette ever made was manufactured under the heat-treating

process. Every one of the billions of Camels produced since has received the necessary heat treatment.

Harsh, raw tobaccos require intensive processing under high temperatures. The more expensive tobaccos, which are naturally mild, call for only a moderate application of heat. Heat treatment never can make cheap, inferior tobacco good.

It is a fact, well known by leaf tobacco experts, that Camels are made from finer, MORE EXPENSIVE tobaccos than any other popular brand.

This is the most important statement ever made in a cigarette advertisement. Weigh its words. Consider what it means. Then try Camels. Camels are fresh... in the air-tight, welded Humidor Pack.



# CAMELS

**NO TRICKS ... JUST COSTLIER TOBACCOS**  
IN A MATCHLESS BLEND