

2500 ALUMNI GET COPIES OF FIRST TECH NEWS ISSUE

President Raymond Wants
Alumni to Know of
New Project

THIRTY SENT ABROAD

A total of 3,200 copies of the first issue of the ARMOUR TECH NEWS were circulated. About 700 were distributed among the students, while 2500 were mailed out to alumni, every graduate of Armour whose whereabouts was known receiving a complimentary copy. Thirty alumni in foreign countries received copies.

The suggestion that the alumni should be presented with a copy of the first issue came from President Howard M. Raymond. Immediately upon glancing over the paper on his return from Grass Lake Wednesday morning, April 11, he remarked, "I wish I had twenty-five hundred copies of this paper. I would have one sent to every single alumnus of Armour Tech." No sooner said than done. The printer, who had fortunately saved the forms, was notified and an order placed for the additional copies. The contract was let for the addressing, wrapping, and stamping, and within three days all were in the hands of Uncle Sam.

Mr. J. Warren McAffrey, '22, editor of the Armour Alumnus, was also very much in favor of sending copies to the Alumni, and co-operated in the work of having them mailed, very kindly offering the use of his address stencils of all the alumni, which greatly facilitated the work and reduced the expense of the undertaking. "I feel that this first number will be gladly received by the alumni who have maintained a warm interest in the Institute and its affairs since their call to the colors in the Spring of 1926," Mr. McAffrey stated. "They will be very grateful to learn of the establishment of the ARMOUR TECH NEWS as a student publication and to receive the first issue thereof, because the paper indicates in a sense that the Armour Institute, through its student body, is taking another step forward rather than lying dormant, as some have thought since the completion of the Maintenance Fund drive. For this reason alone, the News is bound to have a wholesome effect. Besides, it will tend, as a publication of its kind should, to knit the students closer to one another and help greatly in the production of an intense spirit of loyalty for the Armour Institute. I will anxiously await future issues of the Armour News and watch closely for its effect among the alumni."

Faculty Banquet Given by Phi Kappa Sigma

About sixty members of the faculty were dinner guests at the annual faculty banquet of the Alpha Epsilon Chapter of Phi Kappa Sigma, Wednesday evening, at the Chapter house, 3420 Michigan Avenue. Dr. Howard M. Raymond acted as toastmaster. The speakers were Dean C. I. Palmer, Prof. E. H. Freeman, Prof. A. E. Phillips, Prof. C. E. Paul, Prof. W. Hendricks, Prof. J. B. Finnegan, Prof. G. M. Wilcox, Prof. J. C. Peebles, Prof. C. A. Tibbals, and Prof. A. W. Sear.

The entertainment provided, in the form of vocal and piano music, was much enjoyed. The only note of disappointment that prevailed was due to the absence of Prof. Schommer, who was unable to be present because of his mother's critical condition.

Additional Courses In Aeronautics Planned

Since 1910, or five years after the historical flight of the Wright Brothers, Armour Institute has offered courses in aerodynamics. Due to the recent increase in interest and also the demand for men versed in aviation engineering, however, the Civil Engineering department is offering a course in aerodynamics and airplane design which is optional in the senior year of the Civil Engineering course. This instruction is under the direction of Professor M. B. Wells who is a pioneer in the study of aerodynamics and airplane design and is recognized as being well informed on the practical application and the mathematical development of the subject.

Aerodynamics will be given in the first semester by Professor Wells, and among the subjects to be taught in the second semester of the senior year are "Airplane Design," given by Professor Wells, "Avigation (air navigation)" and "Meteorology," by Professor J. R. Griffith; and "Aeronautical Engines," by Professor D. C. Roesch.

The Automotive Laboratory has several high grade aviation engines that will be used in conjunction with the course in engines. These engines range from a small three-cylinder air-cooled radial engine to a 400 H. P. Liberty. They are also used for instruction in the Ground School Aviation course given at Night School.

Walter Hendricks, Associate Professor of English, is teaching the Night School course in practical flying. This instruction is a part of the Ground School course that is necessary for the training at the Great Lakes and Hampton Roads bases. Prof. Hendricks is well qualified for teaching the course since he was an instructor of army pilots during the war. This experience covered a period of fifteen months at Kelly Field, San Antonio, Texas, at Chanute Field, Illinois, and at Bolling Field, Washington. Professor Hendricks also holds a commission of lieutenant in the army corps.

Senior Chemicals at St. Louis A.C.S. Conclave

All of the Senior Chemicals, as well as five members of the Junior Class in Chemical Engineering, have been in attendance at the 75th meeting of the American Chemical Society, which opened at St. Louis Monday, April 16. The men are expected back today. Walter J. Bentley, Assistant Professor of Chemical Engineering, is in charge of the delegation. Benjamin B. Freud, Associate Professor of Organic Chemistry, is also accompanying them.

The award for 1928 of the Willard Gibbs gold medal, a major honor in American chemistry, to William Draper Harkins, Professor of physical chemistry in the University of Chicago and one of the nation's leading (Continued on page 3, column 1)

I. H. Bowman, '28, Wins Beaux Arts Gold Medal Award

In the recent Beaux Arts competition held in New York City, Irving H. Bowman, '28, received a First Gold Medal Award for an office building design. In a previous contest, Theodore E. Samuelson, '28, received the same prize for a church design. At the present time, the senior class in Architecture is competing for a \$250 prize.

NOTICE!

Henceforth this publication will be known as the ARMOUR TECH NEWS, instead of the Armour News, as was originally planned. The new name, it is believed, will better serve to identify the publication with the Armour Institute of Technology, and prevent any mistaken conclusions in regard to the source of its publication which may arise from the fact that the name of Armour is also connected with many other enterprises in this city and throughout the country, several of which have publications of their own.

Both the staff and the executive council of the Institute were in favor of the change.

TECH HOLDS IOWA STATE CHAMPIONS TO A 4-0 COUNT

Simpson's Sensational
Pitching Produces
Eleven Strikeouts

Luther College, for the last five years baseball champions of Iowa, defeated Armour Wednesday afternoon, April 18, by the score of 4 to 0. The pitching on both sides was exceptionally good. Simpson for the locals made eleven strikeouts and allowed only seven hits. Youngquist, the Luther hurler, had twelve strikeouts and four hits.

One double play was made by Luther in the seventh inning, destroying Armour's chances of scoring in that inning. Armour had the bases filled in the third, and only one out, but the necessary extra punch was lacking. The Luther pitcher tightened (Continued on page 3, column 5)

SCHOOL CALENDAR

Friday, April 20:

Senior and Junior E. E.'s and M. E.'s return from inspection trip to Milwaukee.

Baseball, Armour at Chicago Normal College.

Wednesday, April 25:

Baseball, Lake Forest at Armour.

Tennis, Lake Forest at Armour, official opening of tennis season.

W. S. E. Smoker at Delta Tau Delta House.

Thursday, April 26:

Press Club meeting at 11:30 in Science Hall. Paul B. Nelson, the Ed. of "Scholastic Editor" will speak.

Triangle National Convention, today, Friday, and Saturday.

Friday, April 27:

Baseball, Armour at De Kalb. Honorary Fraternity Dance at the Allerton Club.

Saturday, April 28:

Tennis, Armour at Loyola. Theta Xi anniversary banquet at Chapter house.

Tuesday, May 1:

Tennis, Armour at Wheaton. Senior Banquet at the Allerton Club.

Thursday, May 3:

Juniors and Seniors inspection of Public Utility properties and guests at dinner in the Edison Bldg. in evening.

Rifle match with Lane Tech.

Friday, May 4:

Third issue of ARMOUR TECH NEWS distributed.

Baseball, Armour at Michigan State College, East Lansing, Mich. Tennis, Detroit City College at Armour.

Saturday, May 5:

Baseball, Armour at St. Mary's Orchard Lake, Mich.

M. E.'s, E. E.'s Back From Milwaukee

About 900 Junior and Senior Mechanicals and Electricals boarded a special North Shore train yesterday for a two-day inspection trip of Milwaukee plants.

En route to the Cream City, two of the North Shore Electric sub stations were inspected. These new stations on the Skokie Valley Route should be of great interest, since all are of different types. The first is an automatic rotary converter station and the second an automatic mercury rectifier.

Arriving in Milwaukee, the next inspection was that of the Plankinton Hotel, the temporary quarters of the visitors. From the hotel they journeyed to West Allis where dinner was served in the plant of the Allis-Chalmers Co. The afternoon was spent in inspecting the large factory of that company.

If the first day had been enjoyable the night must have been even more so. The evening started out with a banquet in the Plankinton Hotel and then Armour branch of the A. I. E. E. had a smoker. At this affair a very well-balanced program was offered. Several piano, vocal, and instrumental solos, together with some speeches, completed the program. Representatives of the Cutler-Hammer Co., Westinghouse Lamp Co., and the Milwaukee Association of Commerce were the speakers of the evening.

Friday's program should prove to be as interesting. The day starts with an inspection of the Milwaukee Electric Railway and Lighting Co.'s Lakeside power plant. This is one of the most efficient and up to date power plants in the Middle West. After dinner at the Plankinton, the Electricals will visit the Cutler Hammer plant and the Westinghouse Lamp works. The Mechanicals will travel to the North side to go through the A. O. Smith Co.'s Automobile Frame plant. After that, time remaining, the Nordberg Engine Works or the Harnischfeger Manufacturing Corp. will be inspected. The return trip to Chicago will be made early Friday evening.

Parker, Cycle Ed, Says Yearbook Out Circus Day

The "Cycle," Armour annual publication, will be ready for distribution Circus Day, May 19, according to advice from the staff office. As the publication is the work of the Junior Class, the circulation committee has selected that date so that the distribution may serve as a climax to the Circus Day program and the events of Junior Week.

This year's "Cycle" will contain several innovations, the nature of which have not been disclosed, but which will, according to staff members, make it more typically a student publication. Particular attention has been paid to the various (Continued on page 3, column 2)

Senior Gala Banquet at Allerton, May 1

The Senior banquet is to be held on the evening of Tuesday, May 1, in the Italian Room of the Allerton Club. After the banquet the Seniors will have the choice of playing either golf or cards. The Allerton club has the largest indoor golf course in the world, a feature which will introduce a pleasing novelty.

Tickets, which are priced at one dollar, may be obtained from George Von Gehr or Robert Brummund, both of whom are managing affairs.

UPPER CLASS MEN RECEIVE INVITE FROM UTILITIES

Seniors, Juniors To Be
Guests of Illinois
Committee, May 3

DINNER AT EDISON BUILDING

An invitation to be their guest on the day and evening of Thursday, May 3, has been extended to the Juniors and Seniors of all departments of engineering of the Armour Institute of Technology, by the Illinois Committee on Co-operation of Public Utility Interests with Educational Institutions. This committee is composed of representatives from all the public utility companies in the Chicago district, including the Commonwealth Edison Co., Peoples Gas Light and Coke Co., Illinois Bell Telephone Co., Chicago Surface Lines, Chicago Rapid Transit, North Shore Electric, South Shore Electric, Public Utility Company of Northern Illinois, and the Illinois Power and Light Corporation. The function of this committee is to take care of all matters pertaining to a closer relation between the utility interests and educational institutions. Much is accomplished in this direction by their interest in student groups coming on inspection trips through the city, and the committee frequently does much toward steering such groups into visiting places of importance in the city. It is a distinguished honor to the students and faculty of the Armour Institute to receive this invitation from the public utilities committee.

Not only the Juniors and Seniors, but also a representative number of the faculty will be guests. The day is to be devoted to inspection trips by class group to various divisions of the public utilities represented. Prof. David P. Moreton, of the Electrical Engineering Department, who is making the arrangements with the Illinois committee, will confer with all the heads of the departments at Armour as to which divisions of the utility properties the students in the particular departments will find the most interesting.

In the evening the students will be guests at a dinner to be served in the Edison building. At this meeting, which is to be a very democratic affair, many representatives of all the utility companies of the district will be present. An elaborate program of speakers and entertainment has been prepared. The students will be afforded an excellent opportunity to acquaint themselves both with the work of the public utilities and with the men who hold leading positions in these corporations.

Contribution Box Made for Armour Tech News

The official contribution box of the ARMOUR TECH NEWS will be installed on the first floor of the main building during the early part of next week. Into it can be dropped all news articles, announcements, or opinions, for the News, including contributions to the humor column. Applications for membership in the Press Club can also be dropped into this box. One of the Freshmen of Mr. Peterson's woodshop classes will construct the cabinet, receiving as a reward a free subscription to the News for next semester. A definite choice will be made today and the name of the man announced in the next issue.

ARMOUR TECH NEWS

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CHICAGO, ILLINOIS

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The Armour Man

For about a third of a century, the Armour Institute of Technology has been distinguishing itself in the field of engineering education. Its position today is one distinctly preeminent. During this period, it has been turning out—not in mill fashion, let it here be said, a product of excellent quality. The name of that product is, familiarly, the ARMOUR MAN. His species has been rapidly increasing, so that now he may be found in all parts of the world, and at works that bring honor to himself and credit to the institution of which he is a graduate. The judgment of that man is sure, his vision broad, his execution decisive. Oddly, too, he is a dreamer. But he is the dreamer whom Thoreau mentions in Walden,—that man who builds castles in the air, where castles belong, who builds at the same time on a firm foundation. He is the pathfinder, the roadmaker, the bridge-builder. And the man and this Institute are inseparably linked.

Now, let it not be thought that this is mere editorial enthusiasm. These are facts that are being constantly brought home to us. Evidence may be had on every hand. The most recent affirmation is to be found in an invitation from the Public Utilities Committee on Co-operation with Educational Institutions, an invitation extended to members of our Faculty and to our upper classmen to spend as its guests a day of inspection of the great industries,—those vast public utilities this Committee represents, and at its conclusion, a banquet. This invitation has been extended the Armour Institute of Technology because the Committee believes, on cumulative evidence, in the worth of our Institution and its students. If it means anything, it certainly means just that.

Here, then, are an opportunity, a rare opportunity, and a responsibility. The ARMOUR MAN is the man who will appreciate both.

Good Scholarship Pays!

That good scholarship at college is an achievement worth striving for has again been emphasized by an investigation conducted by President Walter S. Gifford of the American Telephone and Telegraph Company. In a survey made upon all the employees of the A. T. & T. Co., Mr. Gifford found it to be an invariable rule that the man who made his mark in college was the man who was making his mark in business, and conversely, that the man who ranked low in his classes has ranked low since. His findings are based on a study of 3,806 men. Of these 1,468 graduated in the middle third of their classes, and the median man's earnings in this group, by the time he is thirty years out of college, is somewhat less than two-thirds that of the median man among those in the first tenth of their classes.

The men in the highest third of their classes had a correspondingly higher average salary, but still not nearly as high as that of the men who were in the first tenth.

The 784 men who graduated in the lowest third of their classes have earned by far the least.

This investigation simply marks another significant proof of a fact long known to be true. If a similar survey should be made upon Armour men, the result would undoubtedly be the same.

The student, then, who conscientiously studies and attains a berth in the upper section of his class is doing a wise thing. The odds are very much in favor of his attaining equal success later in his chosen field of work.

Inquiring Reporter

In order better to express the views of the student body, the News with this issue is featuring an "Inquiring Reporter" column. The question for this week is:

"What is your opinion of the new school paper?"

Thomas McArdle, '31, C. E.: "It's a keen idea, and the first issue sure was of first class quality. I'm sure the rest of the Freshman class agrees with me in this opinion, too. If the paper had been here last fall it would not have taken as long for some of us to become acquainted."

J. P. Edstrand, '29, C. E.: "I think it's the nuts. It's just what we need around here to get a little pep floating around."

Professor Bibb, Mathematics Department: "In a little school in South Dakota which I attended we published a paper every day—but that was a bit too often. I think the weekly idea is just about right for a school of this size. It certainly helps to bring the students and faculty together. I'm all in favor of it."

J. E. Higgins, '30, M. E.: "Oh, it will be all right in time."

George Moore, '30, F. P. E.: "I believe it to be a very good thing. There shouldn't be any question of it not being a success, especially after everyone has seen how good the first issue was. If high schools have successful weekly papers, I'm sure Armour can, and as for circulation, putting a lot of personal notes in it always is a big help. After all it is very gratifying to see one's name in print."

Professor Paul, Professor of Mechanics: "The first issue of the Armour Tech News is one of the cleanest and finest student publications I have ever seen. The staff is to be congratulated. Keep up the good work."

J. R. Marcus, '29, M. E.: "So far it seems pretty good. Hope it continues."

Bernard Hau, '30, E. E.: "To tell the truth I haven't read it yet. You can print anything you want to for me."

George L. Scherger, Professor of History and Political Science: "My heartiest congratulations to the staff of the 'Armour Tech News' on the splendid appearance of the first number! It is the equal of any college paper I know of. I sincerely hope that the new venture will meet with the best success. It certainly deserves the enthusiastic co-operation of every member of the faculty and of the student body. The Alumni likewise will enjoy such a publication. It will prove one of the best means of stimulating pride in our school and if the work is kept up to the high standard set by the first number will reflect great credit on our institution."

Automobile Students Visit Service Station

On Wednesday, April 11, Prof. Roesch's classes in automobile engineering were permitted, through the courtesy of Mr. Waterman, to inspect the modern service station of the Oakland Motor Co., located at the corner of Prairie Ave. and 33rd St. Both mechanicals and non-mechanicals made the trip, which was chiefly for the purpose of seeing the Cowdrey brake testing and adjusting apparatus. This machine is one of the latest types of brake equalizers. For the benefit of the class several new and used cars were demonstrated on this machine. Other parts of the station were inspected and modern service methods explained.

The Western Society of Engineers will hold its Spring Smoker at the Delta Tau Delta house on April 25, 1928, at 8 P. M. A very novel program has been arranged for it, something different!

Schommer's Mother Critically Ill

Mrs. Herman H. Becker, 66, step-mother of Professor John J. Schommer, athletic director, is critically ill at the St. Francis Hospital. She has been sick for the last two years, and for the last six weeks she has grown steadily worse. An operation became imperative, because of her advanced age complications set in, and recovery is deemed impossible. Since Professor Schommer's father and mother are dead, and since he has no brothers or sisters, he has been very close to his step-mother. The News staff extends its deepest sympathy to Professor Schommer.

It is with regret that the News announces the death of Prof. Harry McCormack's father, who died Wednesday morning at his home in Koskonong, Missouri. Prof. McCormack was called to his father's bedside early in the week and hence was unable to attend the St. Louis convention of the American Chemical Society, as he had planned. He will return to Chicago Saturday. The News staff, in behalf of the faculty and student body, extends its deepest sympathy.

Mr. Paul Nelson to Speak at Press Club Meeting

Members of the ARMOUR TECH NEWS staff should not fail to attend the meeting of the Press Club, to be held next Thursday, April 26, at 11:30 in Science Hall. Mr. Paul B. Nelson, who is editor-in-chief of the "Scholastic Editor," well known publication which has for its purpose the improvement of high school and college publications, will be the speaker. He will not only give the members helpful criticism on how to improve the general appearance and make-up of the paper, but will also give much first class instruction on how a news article should be written. Mr. Nelson is also a member of the Art Crafts Guild.

All contributors to the News, and any others interested, are urged to be present at this meeting, whether they are members or not. However, those who are not members of the Club as yet should make out an application immediately and drop in the News box, which will be placed in the Main Hall next Monday.

Prof. Henry Penn Gives Illustrated Talk at W.S.E.

Professor Henry Penn gave a very interesting illustrated and non-technical talk on "An Eight Track and Other Bridges" yesterday at the meeting of the Western Society of Engineers in Room B, Mission. His lecture was principally on the details of operation and construction of the four double track Scherzer bridge. This type of bridge operates on the principle of a bridge truss balanced on a wheel, thereby giving the advantage of a clear span and a large clearance for river traffic. The engineering problems of erection, illustrations of steel connections, details of the lifting machinery, and other factors concerning the operation and construction of the Scherzer rolling lift bridges were well brought out by the illustrations. Slides were also shown of several other types of bridges, including the rustic, cantilever, and suspension bridges.

At the bi-weekly meeting of the F. P. E. S. yesterday at 11:30 A. M., Mr. Harry M. Melville, of the Insurance Company of North America, addressed the members on the subject of "Marine Insurance." All the "Fire Protectors," and especially the Juniors, who just recently took up the subject of Marine Insurance in Prof. Finnegan's class, reported that the meeting was one of the most interesting and instructive of the season.

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

"THA 18TH OF APRIL '75"

Listen my chilern, an you shall here,
of tha midnite ride of Paul Rever.
Hardly a man is now alive,
who remembers that famous day an year.

One if by land, and two if by sea
an I on tha opposite shore well be.
So Paul ups and spansk tha old gray mare
and away they went to do and dare—(horatio alger).

So tha hay-burner pulls up at tha first farmhouse.
Knock! Knock! Knock! Knock! "Who's thar" they said,
"Tis I tha dook, that got thee outa bed,"
"Away dook 'ere this pot's on thy head."

So with a clatter paul ups and away
To warn each Middlesex willage and farm
and spread thro' tha country tha fearful alarum.

Knock! Knock! Knock! (deep bass voice) "Waddywant?"
"I've come to warn tha countryside
of tha British marching on land,
Walking some miles for some "Camels" (not an advertis)

Away again with the swift night wind
to a lonely cottage by tha road.
Knock! Knock! Knock! Knock!
(with a feminine tremulo) "Oh! Who's there."
"Tis Paul, my dear, 'tis Paul Rever."
"Oh! Hello Paul!" "But I've come to—to warn,"
"To—Ok! Damtha countryside."
—L.F.B. & H. Paul E.

She calls me Pilgrim; every time I call I make a little progress.

They call her gunmetal; she's a dull kid.

DATA ON DATING

"Hello."
"Hello. Is this Youmuscova 9999?"
"Hello. Is this the Gotta Lotta Data Sorority house?"
"Is Josephine Speck there?"
"Well where'd she go?"
"Oh! Well then is Helen Hartford home?"
"Is zat so! Well I guess I did mean Helen Hansen."
"Is there anyone there that wants to go for a ride?"
"Well then, how would you like to go?"
"Well why didn't you tell me you was the cook!!!"
—L. F. B.

Stealing a kiss may be petty larceny, but sometimes it's grand.

K. K. K.

KOLUM KONDUKTOR KOMPETITION

Due to the fact that our column conductor has high hopes of graduating this year, we are in need of a new and better one for next year. We have decided to give the position to the man who gets the most contris printed before the present year closes. The runner-up will be made assistant column conductor. Hop to it now, you who would be humorists.

BIOLOGY SIMPLIFIED

After six months the canary was ausgespielt; he sang no more.

The lady went to the bird store where she bought the bird and told her trouble.

"You need a mate for your bird, madam."

"Well, is he a male or is she a female?" asked the lady.

"How can I tell, madam? You will have to find out yourself."

"How can I find out?"

"Why, you take two worms, a male and a female, and put them in the cage. If your bird is a female it will eat the male worm; if it is a male it will eat the female worm."

"But how can I tell a male worm from a female worm?"

"You will have to ask that question in a worm store, madam. This is a bird store."

You can tell when you are on the right road, because it's an upgrade.
—E. P. E.

Spectacular Batting In First Downs "Y" 5-1 In Short Game

In a baseball game that lasted only for three and one-half innings because of rain, Armour led "Y" College 5 to 1 last Friday afternoon at Ogden Field. The successful debut of Weldon, new sophomore hurler, and the solid base clouting of the Tech men were the marked features of the game.

The batting rampage started in the first inning when the locals sent the ball over the fence, and into every corner of the field. The score at the end of the first was 5 to 0. Weldon let the visitors down with two hits, one of which, in the third inning, was coupled with an error to produce the lone tally of the visitors. If this performance is a true indication of his ability, he is sure to be called upon for a good share of the pitching duties. At the end of the third, Umpire Glick called an end to the hostilities declaring the weather good for nothing but the taxicab business.

"Y" College (1) Armour (5)
Wening, l.f. Jervis, c.f.
Mace, c. Reichle, 2nd.
Schoenberg, 3rd. Robin, 1st.
Bowand, 1st. Edstrand, r.f.
Hall, c.f. Rossetti, s.s.
Poston, s.s. Gent, 3rd.
Grant, 2nd. Menge, l.f.
Wertz, r.f. Weldon, p.
Sistrunk, p. Yount, c.

Senior Chemicals at St. Louis A.S.C. Conclave

(Continued from page 1)
research workers in this field, featured the opening of the convention. The Willard Gibbs medal is given annually by the Chicago section of the society to a chemist whose work in either pure or applied chemistry has received world-wide recognition. Prof. Harkins was chosen by a jury of twelve distinguished American chemists.

At a meeting of the Armour branch of the A. I. Ch. E. about a year ago, Prof. Harkins presented an illustrated lecture on "Photographs of the Tracks of Atoms and Atomic Stability."

Following is a list of the Senior students who attended the St. Louis convention:

- James E. Candlin
- George A. Crapple
- George C. Dufour
- William D. Egan
- Carl G. Eneborg
- Henry Fabian
- John W. Heinmaster
- Fred O. Johnson
- Mauritz P. Johnson
- Leroy A. Kramer
- Isaac B. Lehman
- Otto C. Marek
- Ulrich G. Naef
- Emerson F. Richards
- Edward W. Stuebing.

Word has come from Prof. W. J. Bentley, from St. Louis, regarding the safe arrival of the delegation of Armour students to the conference of the American Chemical Society. The trip was uneventful except for the witnessing of a collision between a truck and a train, in which accident the Armour students lent some effective assistance.

At the conference, up to the time of this report, the members had attended the lectures of Dr. Parr of the U. of Illinois and of the famous Dr. Mayo of Rochester.

Honoraries to Dance Next Week Friday 27

On Friday evening, April 27, the Italian Room of the Allerton Club will be the scene of the annual Honorary Fraternity dance. The Allerton Club Orchestra will officiate and have promised a wealth of syncopation.

Peebles Goes to New Orleans to Study Pulp

Professor J. C. Peebles made a very interesting trip to New Orleans April 9, to study the manufacturing methods of the Celotex Co.

Professor Peebles has been testing Celotex wall boards for some time, and made this trip with several of the officials of the company to learn about the processes of manufacture. Celotex board is made from sugar cane stalks, which is boiled in water and put through a series of beaters and mixers to make a pulp similar to that of paper. Most of the time spent in New Orleans was taken up in the mill. He returned to Chicago Friday, April 16.

Anderson, Alumni Trustee, Travels in S. America

Mr. Roy M. Anderson, '02, Alumni Trustee of Armour Institute of Technology, and vice president of the Dwight P. Robinson Co., builders and contractors, of New York City, has been in Brazil, Chile, and Argentine on business for the past two months. The Robinson Company will soon be merged with four other American companies of the same character into one consolidation.

New Dirigible Engine For Automotive Lab.

A new type of airship engine, reported to be identical to that used on the United States dirigibles Shenandoah and Los Angeles, has recently been added to the collection in the Gas Engine Laboratory. According to Professor Daniel Roesch, who has charge of the laboratory, the engine is one of the very few of its kind in existence. It is a six cylinder motor developing 1200 H. P. It incorporates the latest developments in dirigible motor construction. Each cylinder uses four spark plugs and has two inlet and two outlet valves. This arrangement insures almost complete combustion of the fuel and permits the use of a much cheaper grade of fuel without the customary carbon knock.

National Convention of Triangles Next Week

Armour chapter of Triangle will share honors with the Chicago Alumni chapter as hosts to the National Convention of that fraternity next Thursday, Friday, and Saturday. The visitors will be guests of the Edgewater Beach Hotel where all conference sessions will be held. A theatre party at the Illinois on Friday evening and a banquet Saturday are only a few of the diversions from conference sessions planned for the engineers.

Parker Cycle Ed. Says Year Book Out Circus Day

(Continued from page 1)
phases of college life, each department of student activity being duly emphasized.

Kent H. Parker, '28, is the editor-in-chief. Other members of the staff, all Juniors, are:

- Charles D. Lamb, business manager.
- Russell E. Johnson, advertising manager.
- John Hommes, associate editor.
- G. D. Horras, society editor.
- B. W. Hindman, fraternities editor.
- G. A. Petters, humor editor.
- John Kramer, athletics editor.
- H. H. Dozois, organizations editor.
- Chas. Ware, art editor.
- W. H. Berry, photography.

HONORARY BANQUET MAY 10

The Honorary Fraternity Council is to hold a joint initiation banquet on May 10 in the Fraternity Room of the Great Northern Hotel.

LARGE ENROLLMENT IN EVENING CLASSES

The Armour Evening School classes that meet on Monday, Tuesday, Thursday, and Friday have a larger enrollment than the day school. The attendance this semester in the Night School was 785 compared to 952 the first part of the school year. Of this number, 104 men attend the Architectural Drawing and Design courses. Their work is sent to the Beaux Arts Institute of Design in New York City where it is judged, and to date their showing is exceptional. The number of students that are repeating courses as well as the high percentage of mentions that are received by the students indicates that high interest and good work is being maintained by these classes. The instructors that are supervising these courses are Messrs. Pierre Blouke, William J. O'Connor, Eugene Voita, Robert C. Minkus, and P. N. Jacobson.

Among the other Night School classes that are showing exceptional attendance is the Ground School Course in Aviation. Last year the initial attendance was 25 as compared to 72 this year. The course is for the purpose of flight training in the Navy corps for which a commission of Ensign is received.

Many Rare Old Stamps In Mr. Kelly's Collection

Since 1899, Mr. Ernest Kelly (Recorder in the Office of the Deans) has been collecting stamps. The greater portion of his collection is made up of stamps received from the Institute's correspondence between foreign countries. Mr. Kelly has been assisted by both the faculty and student body. Dr. Raymond, on a trip to Boston, bought a rare collection of stamps in a curio shop of the Old South Church, which is now in Mr. Kelly's possession. Dean Penn has added a collection from Holland, and former Dean Monin has added one from Switzerland. From the student body, E. A. Toopekoff, '29, has contributed a collection from Austro-Hungary and Russia, while J. A. Bech has assisted him in obtaining a very interesting collection from Spain.

Mr. Kelly's collection is quite comprehensive, containing many rare stamps dating as far back as 1845, and includes stamps from practically every country in the world. He finds his hobby both interesting and instructive, and many is the evening that he has spent at home rearranging his collection. Mr. Kelly states that he will gladly assist any students interested in collecting and exchanging stamps.

DEAN PENN ATTENDS CLEVELAND CONVENTION

Dean Penn left Monday for Cleveland where he attended the Sixteenth National Convention of the American Association of Collegiate Registrars which was held in that city from April 17 to 19. Delegates from colleges and universities from all sections of the United States attended to meet and discuss their various problems.

Prof. Libby Elected Chairman of N.A.P.R.E.

At the meeting of the National Association of Practical Refrigeration Engineers held last December 1 in San Francisco, Professor E. S. Libby was elected chairman of the Educational Board. The organization has forty-two chapters in the United States, and a membership of over three thousand practical engineers in the United States and Canada, as well as three or four members in Australia and England.

The Theta Xi Faculty Smoker, arranged for yesterday evening, has been postponed to Wednesday, May 9.

Thirty-two Applications To Wisconsin Camp

Thirty-two applications to the summer camp at Trout Lake, Wisconsin, have been received by Professors M. B. Wells and H. T. Heald, of the department of Civil Engineering.

Preliminary steps in preparing the camp have been undertaken. The cooks have been engaged and the camp equipment completed.

Plans are being made to furnish each student with a list of personal equipment he will need. This list will not be distributed until late in May.

To date, there have been no outside applications to the camp. The total membership, according to Professor Heald, will not exceed forty. Complete descriptions of the camp and the work prescribed are contained in the summer session pamphlet recently issued by the office.

FRATERNITY NEWS

DELTA TAU DELTA

A House Dance was given for the active chapter and the alumni on April 13, 1928, having its Northwest and Chicago chapters as guests.

The fraternity held its annual election of officers at its meeting April 17, 1928, with the following results:

- L. P. Brown, '29, president.
- J. M. Kernan, '29, vice-president.
- C. T. Somerville, '30, corresponding secretary.

J. E. Ransel, '30, recording secretary.

E. T. Holin, '31, sergeant-at-arms.

The office of treasurer is elected in February each year and is at present held by C. J. Beal, '30.

THETA XI

The celebration of the anniversary of the founding of the Theta Xi fraternity will be held April 28. A banquet will be given in conjunction with the Chicago Theta Xi Club at the chapter house in the evening.

Dr. Howard M. Raymond, Dean John C. Penn, Dean Claude Palmer, and their wives, were dinner guests at the Theta Xi House last Sunday, April 15.

BETA PSI

Beta Psi will hold a house dance tonight, having engaged the Rhythm Masters to dispense the music.

PHI PI PHI

Phi Pi Phi held their annual Spring House Dance at the chapter house last Saturday night, April 14. Quite a number of alumni and visitors were present.

Phi Pi Phi announces the pledging of E. C. Erland, '31, F. P. E.

RHO DELTA RHO

Rho Delta Rho gave its Spring Informal Dance at the Belmont Hotel on Friday, April 13, 1928. Everyone helped to make the party a success.

PI NU EPSILON

The following men are the newly elected pledges of Pi Nu Epsilon, honorary musical fraternity: C. Sabino, G. H. Smith, L. F. Bernhard.

SPHINX

Eight men, all Juniors, were pledged to Sphinx, honorary literary fraternity, on Monday evening, April 9. Those who received the coveted black and gold badge were:

- W. H. Berry, L. F. Bernhard, L. P. Brown, H. H. Dozois, B. W. Hindman, John Hommes, R. E. Johnson, and C. D. Lamb.

Fred Payne Recovering From Recent Operation

Frederick D. Payne, '28, who was last year elected by the student body to be the most popular man at Armour Tech, was taken suddenly ill with appendicitis Sunday evening, April 15, at his home in Maywood. He was taken without delay to the Wesley Memorial Hospital, where an operation was performed. Wednesday the reports on his condition were very favorable. He expects he will be laid up for about a month.

Payne is probably best known for his continual starring on the track team, of which he was captain last year. For two years he has been captain of the cross-country team. In addition to many other honors won for his speed on the track, Payne has twice been the winner of the Illinois Relay Medal, twice of the Pentathlon Medal, and in 1926 was the winner of the all-round medal.

His versatility is shown in that he has also done much work on Armour's publications. He was athletic editor of the Cycle during his Junior year, and is now the athletic editor of the Armour Engineer. In addition to this, he has been an ardent promoter of the Armour Tech News, and is acting as athletic editor for the remainder of this semester, until a capable successor can be found. Payne is a member of Sigma Kappa Delta and president of Sphinx.

Rifle Team Loses to Lane; Return Match May 3

Last Monday, April 16, a competitive match between the Armour Tech and Lane Tech's Rifle team was held. This was the second interscholastic match for the Armour team. The result of the match is as follows:

Armour Tech		Stand. Prone Ave.	
L. Statkus	59	54	76.5
S. Pulaski (C.)	62	88	75.0
D. Garen	58	86	72.0
H. Montgomery	61	76	68.5
J. Jacobson	50	85	67.5
Total, 719.00			
Lane Tech		Stand. Prone Ave.	
Patla (C.)	89	97	93.0
Schulz	80	93	86.5
McCasin	73	83	78.0
Urbas	65	91	78.0
Root	59	94	76.5
Total, 824.0			

Lane won the match by a lead of 105 points. A return match has been set for May 3, at which time the Armour team hopes to be the victor.

Tech Holds Iowa (Continued from page 1)

down and struck out the next two men. In the second, Edstrand made a sensational running catch back of the first sack. The proverbial ninth inning rally which the fans plead for failed to materialize when Gent and Simpson died on bases.

Luther found Simpson for two runs in the fifth inning when a two-bagger brought in the tallies for the visitors.

The lineups were as follows:

Armour	Luther
Simpson, p.	Youngquist, p.
Yount, c.	Frost, c.
Robin, 1st.	Watkins, 1st.
Reichle, 2nd.	M. Olson, 2nd.
Gent, 3rd.	W. Nessett, 3rd.
Rossetti, s.s.	E. Olson, s.s.
Edstrand, r.f.	Radtke, l.f.
Newstrom, l.f.	Nelson, r.f.
Jervis, c.f.	Pederson, c.f.

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ARMOUR OUTHITS CRANE COLLEGE TO WIN 10-7

Seven Runs in Sixth Overcome Early Lead

Crane College invaded Ogden Field Wednesday April 11, to open the baseball season with Armour Tech, and threw quite a scare into the home outfit. In spite of the persistent cold weather, Armour's rabid fans were on hand to cheer the players to victory. In the face of early facts, Armour appeared a certain loser due to the five markers that Crane pushed over in the early sessions, and it was only through some good strategy on the part of the home tactician, Coach Kraft, that the tables were turned.

Armour Proves Generous at Start
The first inning went scoreless, but Crane counted twice in the second on hits by Goldenson, Anderson, and Janas. The home half produced nothing. The offerings of Stehno seemed much to the liking of the Crane team in the third as they did not hesitate to add three more to their brace of runs scored the inning before. Goldenson and Anderson again led the attack. Goldenson piling a double and Anderson an irritating homer,—it went through the fence.

Armour Scores Three
The home third netted three runs on hits by Rossetti, Gent, Hauser, Reichle, and Robin. This fired the boys with a new spirit. The fourth saw Simpson on the mound and a revamped team. Menge took Hauser's place in left and Link went in for Yount. The new combination seemed to function perfectly, but broke down temporarily when two Crane men crossed the plate, on errors. The Armour half went scoreless.

The Big Rally
The Crane men were baffled by the bewildering slants of Simpson in the sixth and registered a zero in that period. Rossetti opened the home sixth with a screeching double and Gent countered with a timely single. Link faced one ball when Coach Kraft sent Jervis to bat for him. Jervis walked, filling the bases. Simpson crashed a single to left that brought in two runs. Menge walked, again filling the bases. Crane sent in Wrobel for Meinsen. Reichle poled the first ball for a single, and two more men registered. Robin followed with his second hit which brought in the winning run. Edstrand added two more runs with a single, and the game was tucked away. Simpson had little difficulty in disposing of the last three men that faced him and the game was over. Final score, Armour 10, Crane College 7.

(Continued in next column)

STAGG ADDRESSES TRACK CANDIDATES

Coach Stagg met the track squad Thursday and outlined the spring program. Several meets are already scheduled and others are tentative. There is some hope of entering a team in the Drake Relays to cop off the dashes.

There is plenty of room on the squad for all energetic men who are willing to practice. Freshmen are especially welcome in all branches of track and field. Bring on the new material.

The Honor "A" annual athletic banquet is to be held at the Delta Tau Delta House probably on the 28 or 29 of May, 1928, the date being quite undecided as yet.

A Generous Soul
Graduate: "Will you pay me what I'm worth?"
Employer: "I'll do better than that; I'll give you a small salary to start with."
—International Student.

Track Team Second In Triangular Meet

The triangular track meet with Sears Roebuck Y. M. C. A. and Chicago Normal was held indoors at the University of Chicago gymnasium last Saturday because of the inclement weather.

The City Interscholastic Wrestling Tournament in progress on the main floor of the gym made it impossible to run the dashes or hurdles. Two relay races were substituted for these events. The races were run on a track measuring thirteen laps to the mile. Perhaps the unlucky number had something to do with it, but more likely the poor turnout of Armour men was the real cause for our losing the meet to Sears Roebuck Y by the small margin of one point. No phenomenal performances could be expected this early in the season. This is the last of the indoor meets for this year. Training for the outdoor season has already started, and the team is hoping for a highly successful spring.

Results of the Meet
Twelve lap run—Deiwert (AIT), 1st; (SRY), 2nd; Payne (AIT), 3rd. Time, 4:20 1-5.

Six lap run—(SRY), 1st; (SRY), 2nd; Deiwert (AIT), 3rd; Timmerman (AIT), 4th. Time, 1:59 3-5.

Three lap run—(SRY), 1st; Iverson (AIT), 2nd; (CN), 3rd; (CN), 4th. Time, :57.

Four lap relay—Sturm, Timmerman, Fox, Tracy (AIT), 1st; (SRY), 2nd; (CN), 3rd.

Eight lap relay—Sturm, Iverson, Fox, Tracy (AIT), 1st; (SRY), 2nd.

Shot put—Yount (AIT), 1st, distance, 34 ft. 10 in.; (SRY), 2nd, distance, 33 ft. 6 1-2 in.; Kara (AIT), and (SRY), tied for 3rd, distance, 30 ft. 11 in.

High jump—(CN), 1st, height, 5 ft. 7 in.; Eichin (AIT), (SRY), and (SRY), tied for 2nd, height, 5 ft. 6 in.

Pole vault—(CN), 1st, height, 10 ft. 6 in.; (SRY), 2nd, 9 ft. 6 in.; (SRY), 3rd, 9 ft. 0 in.; (SRY), 4th, 9 ft. 0 in.

Sears Roebuck Y—38 1/2.
Armour—37 1/2.
Chicago Normal—21.

Armour—	Ab.	R.	H.	Sb.	Sh.
Hauser, l.f.	2	1	0	0	0
Menge, l.f.	0	1	0	0	0
Reichle, 2b.	4	2	2	0	0
Robin, 1b.	4	2	2	0	0
Edstrand, r.f.	4	0	1	0	0
Rossetti, s.s.	4	1	2	0	0
Gent, 3b.	3	1	1	0	0
Newstrom, c.f.	2	0	0	0	0
Jervis, c.f.	2	0	1	0	0
Yount, c.	2	0	0	0	0
Link, c.	0	0	0	0	0
Welden, p.h.	1	1	0	0	0
Palmer, c.	0	0	0	0	0
Stehno, p.	0	0	0	0	0
Friedman, p.h.	1	0	0	0	0
Simpson, p.	2	1	1	0	0

Crane—	Ab.	R.	H.	Sb.	Sh.
Sommers, s.s.	4	0	2	1	0
Feldman, c.f.	5	0	1	0	0
Cillela, 3b.	4	0	0	0	0
Meade, 1b.	3	2	0	0	0
Goldenson, l.f.	4	3	3	0	0
Anderson, r.f.	4	1	2	0	0
Janas, 2b.	4	1	1	0	0
King, c.	3	0	1	0	0
Meinsen, p.	2	0	0	0	0
Wrobel, p.	1	0	0	0	0
Reichag, p.	1	0	0	0	0
Onesta, p.h.	1	0	1	0	0

Crane	37	7	11	1	0
Armour	023	200	0	—	7
Errors—Sommers, Yount, Rossetti.	003	0007	*	—	10

Two-base hits—Onesta, Hauser, Robin, Rossetti, Anderson, Goldenson 2. Home run—Anderson. Hit by pitchers—Hauser, Gent, Sommers. Umpire—Felt.

LAKE FOREST MEN HERE FOR MATCH WITH TENNIS TEAM

The tennis season officially opens next Wednesday, April 25, at 3:30 P. M. when a match between Lake Forest College and Armour will be played on the Armour Courts. At a meeting last Thursday, Coach Tibbals addressed the men. Four letter men are back from last year, leaving two positions definitely open, while any of last year's team is subject to displacement. The twenty-five candidates for the team will enter into a "round robin" play among themselves, besides practicing with the veterans.

CAMPUS CLUB BASEBALL TEAM ORGANIZED

W. E. Briggs has been chosen captain of the Campus Club baseball team. Having just recently organized, the team as yet has not engaged in any competitive games with other nines around the Institute, although they have put in considerable time on diligent practice. Briggs is anxious to book a few games for his aggregation, and challenges any team to a contest.

Golfers Meet Alumni On Evergreen Course

The golf team, coached by Prof. C. W. Leigh, will open the season April 28, opposing the Alumni at the Evergreen golf course. Two of last year's men, Bates, '28, and Christiansen, '29, are again on the job and promise to surpass their excellent record of last year. The team will miss the services of Urban and Peterson, two of the best players the Tech has ever had. To balance this great loss there is some excellent reserve material. This year's team will probably include the following men: Capt. Bates, Christiansen, Quinby, Larkin, Burns, Baldwin, and Pfeifer. Ten matches have been scheduled, calling for two out of town trips. At the conclusion of the schedule, the team will journey to Milwaukee to participate in the Central Intercollegiate Tournament and incidentally to defend the title won there last summer. The home matches will be played at Evergreen Country Club, 91st and Western Ave. The schedule, some of the dates of which are tentative, follows:

- April 28—Alumni at Evergreen.
- May 5—Loyola at Evergreen.
- May 8—Marquette at Marquette.
- May 11—Marquette at Evergreen.
- May 18—Crane at Evergreen.
- May 26—Loyola at Loyola.

U. OF C. NINE RUNS WILD IN PRACTICE GAME WITH TECH

Substitute Pitchers Blow Up In Last Few Innings

Armour traveled to University of Chicago, April 16, and played a practice game with the Midway team. The final result would seem to indicate that the Armour squad had lost its bearings altogether, but such is not the case. The game progressed in real style for six innings with Chicago in the lead by a score of 1-0. Being a practice affair Kraft sent in all his pitchers for a tryout and the Chicago boys stepped out and scored a few runs. Simpson and Stehno held down the Midwayites with good twirling. Most of the runs were due to errors on the part of the substitute men who were sent in for the sixth frame. Final score, Armour 0, U. of C. 12.

George V. Miniberger, Senior Mechanical, prominent about school for his work as leader of the orchestra, has crashed into politics. In the recent election in Palatine, Ill., he was elected by a large majority, for a term of two years to the Library Board on the People's ticket.

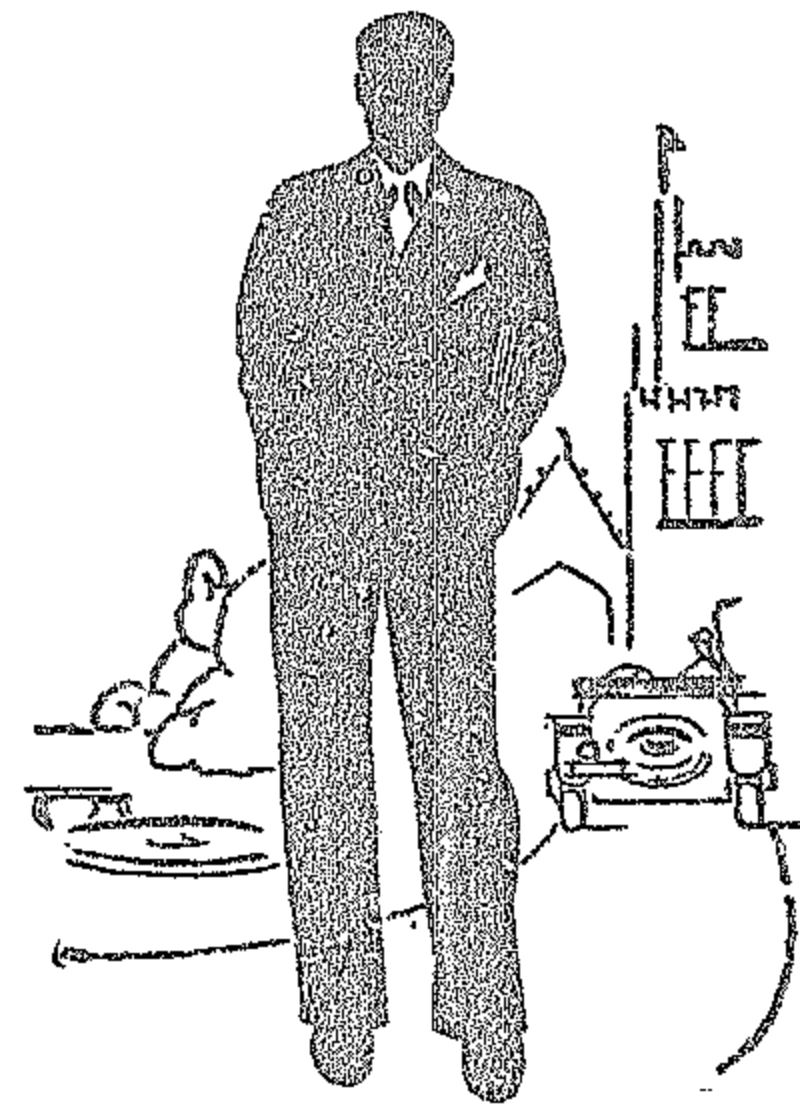
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