



ELECT FOUR MEN AS TRUSTEES ON INSTITUTE BOARD

Men Are Connected with Industries in Chicago

SEVERAL ARE LAWYERS

As a continuation of the policy of the Development Plan four new men have been elected to the Board of Trustees of Armour Institute. The new trustees, all keenly interested in the connection of engineering and industry as embodied by the plan are: Sterling Morton, Russell Wiles, Leo F. Wormser, and Charles W. Hills Jr.

Mr. Morton is director and secretary of the Morton Salt Company, director of the Morton Building Corporation, Teletype Corporation, and Elgin National Watch Company. He is a graduate of Princeton University with a B. Litt. degree and is now acting as chairman for the Educational Committee of the Chicago Association of Commerce.

Russell Wiles is a graduate of Chicago and Northwestern law courses and is now connected with the patent law firm of Dyrenforth, Lee, Christon and Wiles. He has cooperated with the Alumni Research Foundation of the University of Wisconsin working as a patent attorney. He is a member of American Bar, American Patent Law, and Chicago Patent Law Associations.

Former Armourite Elected

Mr. Wormser was a graduate of Armour Institute at the time that it was still an Academy. He has received degrees at the University of Chicago and the Harvard Law School. One time lecturer at the Chicago University Law School, he is now a lawyer connected with the firm of Rosenthal, Hamill and Wormser. He is a member of the American Law Institute, and the American and Chicago Bar Associations.

Charles W. Hills, Jr. is a patent lawyer and member of the firm of Charles W. Hills, specialists in patent, trade mark, and copyright law. He has a degree of LL.B. from the Chicago Kent College of Law and at one time studied engineering at Armour Institute. He is a member of the American and Chicago Patent Law Association.

Civil Inspection Trip Held Last Wednesday

Wednesday, May 18, was a full day of travel and inspections for the senior civils. The group, riding in private cars, covered the required distance in good time, leaving early in the morning and arriving at Western Springs, Illinois, where they saw how hard water was softened at the municipal plant. Western Springs has the hardest water found in this state.

From the springs, the group drove to Aurora, where they inspected the sanitary disposal plant, and after spending some time looking over the disposal system, they went to Joliet where the disposal plant of that town was examined.

The trip showed three methods of water treatment, each presenting a different type of problem to be solved.

ELECT W. S. E. OFFICERS

The Armour branch of the Western Society of Engineers held an election last Friday in room B, Mission. President H. C. Rossing opened the meeting, and nominations for next year's officers were made.

Election results were: R. J. Rooney, president; E. G. Beard, vice-president; B. H. Loesche, secretary; W. A. McWilliams, corresponding secretary; N. C. Giovan, treasurer; and, A. D. Burnett, student representative.

Riflemen Down Humboldt Park

In spite of handicaps due to a total lack of practice for the last few weeks, the Armour Tech Rifle Team downed the Humboldt Park Gun Club in the second match of the year for the silver loving cup by a score of 1370 to 1349. An outdoor match early in the fall will end the series of three, and the team with the highest aggregate score will have the cup for the year. The Tech men have won the trophy one year already. Three consecutive wins will give them permanent possession.

Win By 21 Points

The match which was shot last Wednesday evening at the Humboldt range—was a tight from start to finish, not being decided until the last man to shoot for Armour, Sachs, closed out El. Gushwind of Humboldt. Although the Armour team won by a margin of 21 points, its score was 32 points lower than its score of last year. The team this year is composed of the same men as last year, with the exception of Patla who is no longer at Armour, and since all of the men expect to be back next year, there are good prospects of having a winning team next year.

The scores for the Humboldt match were as follows:

Armour Tech			
	Pr.	Km.	Tot.
Hallmann	99	93	277
Hohabak	97	93	276
Wilson	97	85	275
Sachs	98	82	273
Hackley	94	84	269
Manow	92	87	267
Balvafok	95	85	262
Total high five—1370			

Humboldt Park			
	Pr.	Km.	Tot.
Hennings	95	85	275
Shaw	96	81	274
Siler	97	85	273
Hobmisch	96	84	272
Montgomery	98	74	264
El. Gushwind	100	68	261
J. Gushwind	94	68	256
Total high five—1349			

Although this is the last match of the season, several of the men will be doing outdoor practice at Fort Sheridan during the summer to be in trim for the next year's competition.

A.T.A.A. Banquet Fetes Athletes

The Armour Tech Athletic Association was the official host to some one hundred thirty athletes of the Institute at an informal dinner given in their honor last night in the Tropical room of the Medinah Athletic Club.

Those present included the officers of the school and the Athletic Association besides the members of the Board of Athletic Control. All the athletes of the school, that is those who have put forth a reasonable amount of energy to make a team, were invited, as were the respective coaches and managers.

Good Music Provided

An excellent dinner was followed by an interesting program. Among the speakers were Dean Penn, Prof. Schommer, and Sam Lind, president of the A. T. A. A. Strauss and Straus furnished the dinner music. A number of enjoyable vocalizations were provided by a harmony duet of the fairer sex. The mysteries of ventriloquism and some humorous comedy were presented by a couple of actors engaged for the occasion.

The committee in charge of the arrangements was headed by G. S. Allison as chairman, with the managers of the various sports making up the balance.

Students expecting to attend summer school are asked to file their applications in the office of the Deans at once.



C. K. SIMONS

SIMONS ELECTED AS NEW EDITOR FOR YEAR BOOK

Carroll K. Simons has been elected as Editor-in-Chief of the Cycle, Armour's year book, for the coming year. He was promoted from associate-editor to succeed Glen W. Schodde who is graduating.

Blmer C. Lundin is the new business manager. He follows O. W. Shub.

Thomas Parvey has been appointed associate-editor to fill the new editor-in-chief's former position.

These men will have complete charge of the formation, writing, and publishing of the 1932 Cycle. They will have a good mark to shoot at in this year's Cycle, but they intend to better it, if possible.

The Cycle has won several awards in the past and it will probably receive something on this latest edition. Two years ago, the cover, showing an oblique picture of the west side of Mission Building, won a prize of one hundred dollars.

Every year the National Scholastic Press Association has a critical service in which their members are rated according to all the things which go to make up an excellent annual. In the 1929 and 1930 All-American Yearbook Critical Service, the Cycle received the All-American Honor Rating which is the highest honor the Association gives.

Business Meeting at F.P.E. S. Held Friday

A short business meeting of the Fire Protection Engineering Society was held last Friday in B Mission for the purpose of electing officers for the next school year. J. T. Sorenson was elected president, while his co-officers will be O. Stahl, vice-president, C. N. Clanton, secretary, and B. Larson, treasurer.

The students will be busy next week for distribution to those members who are in good standing. Mr. W. R. Townsend, an honorary member, is taking care of their preparation.

The retiring officers of the society are: E. A. Stanton, president; W. M. Trautman, vice-president; J. B. Dirks, secretary; and J. B. Finnegan, treasurer. These men are to be congratulated.

Flunk a Quiz? Blame it On the Weather, Psychology Prof Says

What is your reaction to a warm day in early spring? Is it a sleepy, dreamy feeling that suddenly pervades your being and causes you to neglect the ponderous theses which you should be industriously scribbling? Or is it a peppy, great-to-be-alive, raring to go, feeling?

According to Professor Edwin M. Chamberlain, professor of psychology at Boston University, the warm spring-like weather produces various effects on students.

A student's work is influenced not only by his general health and ability, but also by the weather. "A dull, rainy or cloudy day has a detrimental effect on the general efficiency," Prof. Chamberlain declares. "We are naturally sun-loving creatures, and we feel decidedly lower when the sun remains hidden for several days at a time. Students, I find, can overcome the depressed feeling for a short period of time, or at least long enough to

A. I. E. E. Frolics At Annual Picnic

The annual A. I. E. E. picnic was held last Thursday at Waverly beach in the Indiana sand dunes region and was a successful event, full of fun and sport.

Determined to go were the electricals, so much so that Andy Weston made the journey on bicycle. On his way he picked up and placed on the handle bars Sam Milevski who was walking to the scene of the outing. As they arrived about 2:30 they were given a grand cheer. They were, however, glad to ride back with Prof. Freeman.

Another source of pleasure was found in baseball. Two games were played between the juniors and the seniors. The breaks were even, giving both classes one victory.

Water Lures Few

Woe to those who delight in Lake Michigan waters at this time of the season! Messrs. Krahl, Minnick, and Bonvallet, all in mid-summer beach attire succumbed to the urge to swim. However, they seemed rather dissatisfied with the water temperature and proceeded to make their exit. Sad to relate three pairs of pants were missing, a fact which required that these men mount a drive to sight the lost belongings.

A treasure hunt proved to be popular among the boys. The group was divided into six posess and each one was given a set of directions for finding the treasure.

Food, of course, must not be omitted. It is well known that without food there is no picnic. This was a picnic and there was plenty to eat for everyone present.

Scholarships Plan Will Be Remodeled

The plan of awarding a scholarship to every high school in and near Chicago will be changed next year, and only ten scholarships will be awarded, the choice to be made by competitive examinations. Students from all high schools will be eligible for these examinations.

This method is preferable to the former because in this way the ten men of the highest caliber will be selected out of the eligible group whether they are from ten different schools or from the same school. Many other changes such as this are being made as part of the Development Program.

HUNTLEY VISITS SCHOOL

Professor Philip Huntley met the students of Riverside-Brockfield Township High School last Monday, and Professor Joseph Finnegan met those of St. Leo High School a week before that. The purpose of these visits was to explain the details of engineering and engineering education to the students.

ARMOUR INSTITUTE PRESENTS EXHIBITS OF STUDENTS' WORK ON ANNUAL OPEN HOUSE NIGHT

Departments to Show Most Spectacular Experiments to Interest Visitors

ALL BUILDINGS OPEN FOR INSPECTION

Friday night, May 27, Armour Institute again holds its annual Open House for the purpose of demonstrating to the public the activities which enable it to be rated as one of America's best engineering colleges. It is intended that all exhibits surpass those of previous years, and should be of vast interest to all who visit Armour on this occasion.

All laboratories and shops will be in complete operation and open for inspection by the public. All questions arising in the mind of the visitor will be gladly answered by the students in charge of demonstrations. High school students who are contemplating entrance to Armour will also be present and may interview members of the faculty. A detailed account of the exhibition follows, with a directory on page three.

Civils Exhibit Drawings

The Civil Engineering Department will compile a very interesting exhibit, which is to be held in the civil drafting room, Mission building. Drawings of the senior, junior, sophomore, and freshman classes in civil engineering will be displayed. The drawings will cover work in the structural design of bridges, buildings, and airplanes. In addition, sample calculations will clarify all problems which must be contended with in structural design.

Methods of Solving Navigation Problems Will Be Exhibited

Methods of solving navigation problems will be exhibited, and a complete line of surveying instruments used in connection with civil

Musical Smoker Held On Tuesday

Talks presented by Dr. Scherger and Dr. Protheroe were the main features of the smoker sponsored by the musical clubs last Tuesday at the Sigma Kappa Delta fraternity house. The main topics of the speeches concerned music. Dr. Scherger revealed to the group some of his own experiences with the piano and organ; later, he played a selection on the piano.

Dr. Protheroe told a humorous story and, later, he sang a few songs which he had written himself.

Officers for the year 1933 were elected and are: R. F. Meehan, president; C. N. Clanton, vice-president; E. G. Avery, secretary; N. E. Colburn, treasurer; and, C. Clarkson, manager.

Dr. Scherger invited the members of the musical clubs to spend an evening in his home and enjoy the many music treasures he has collected.

Refreshments were served and charms were distributed to those who had served at least two semesters in one of the musical organizations.

A. I. Ch. E. Branch Elects New Officers

Officers for the coming year were elected at a regular meeting of the Armour branch of the American Institute of Chemical Engineers, held in Science Hall last Friday, May 20, at 10:30 a. m. The men elected to office were: A. H. Helmick, president; R. H. Schorling, vice president; Y. J. Galvani, treasurer; and A. Kapceki, secretary.

As has been the custom in the past, the president and treasurer were elected from the present junior class and the remaining officers from the present sophomore class.

engineering will also be available for inspection.

Show Electrical Progress

The laboratories of the department of Electrical Engineering, located on the first and second floors of the Main building, will be constantly alive with action and should afford a good deal of interest for all.

Demonstration of a high voltage Tesla coil will be the feature exhibit. The operation of the cost motor, the running of an electric furnace, and the effects of a rotating magnetic field are a few of the numerous exhibits to be shown. Moving pictures will also be shown.

Chemicals Offer Variety

Many exhibits will feature the presentation of the department of Chemical Engineering. The seniors will give a product display in the laboratory at the South end of the fourth floor. The process of soap manufacture will also be demonstrated. Other processes to be shown are the derivation of dry colors for paint, and the purification of corn oil.

The juniors will work in the chemistry laboratory on the fourth floor and their exhibits will deal with pyrometry, filtration processes, water-purification methods with illustrative experiments and a display of the laboratory products.

Dye Manufacture Shown

In the Physical Chemistry laboratory, experiments will be performed illustrating such things as surface tension, the methods of fractional and steam distillation and the determination of molecular weights.

Regular class work in quantitative analysis will be carried out by the sophomores in the organic chemistry laboratory at the north end of the fourth floor. Additional experiments will be performed in the manufacture of dyes, perfumes, and banana oil.

In the Qualitative and Quantitative Chemistry Laboratory

The Fire Protection Engineering Department will exhibit the various types of sprinkler systems as applied to the prevention of fire in large warehouses.

Actual demonstration of the different kinds of fire extinguishers and the applications of Foamite will also be demonstrated, along with a complete display of fire alarms. The senior Fire Protectors will be in charge of the demonstrations to be held in the Physics Lecture Room, second floor of the Main building.

F. P. E.'s Show Extinguishers

Architectural Exhibit

An exhibit of architectural drawing will be held in the foyer of the Main building. The exhibit will consist of those drawings compiled

(Continued on page 2)

LANGE HEADS COUNCIL

New officers of the Interfraternity Council have been elected for next year. W. W. Lange has been chosen president of the council, succeeding J. R. Jackson, Jr. R. J. Dufour and B. Larson were elected secretary and treasurer respectively, replacing M. Venema and A. J. Jungels. A discussion was also held concerning the new constitution.

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The press is the foe of rhetoric
but the friend of reason.—Caldwell.

Why Not a Time Budget?

Now that the semester is drawing to a close, many students find that they must stay up late nights, work like fury, and go dashing madly hither and yon to get their work done and in on time to get credit for it. These are fellows who have let things slide throughout the semester with the thought in mind that they could easily catch up again by showing a great burst of energy for a few hours some week-end. They have made a mad mistake, though, for they are losing out in several ways. For one thing—now that summer is here and baseball and other diversions are calling, it is no fun to sit and work to pay for loafing done during the winter. The next consideration is that it is impossible to get good grades on the slipshod work done while rushing through a pile of assignments in the shortest possible time. Furthermore, this system of doing school work doesn't leave one sufficient time to prepare adequately for final examinations; and one cannot learn very much about a course by hurrying through a semester's work in a week or two.

These reasons along with the consideration of how agonizing it is to have to worry about whether you have enough work in to pass a course, should convince anyone who takes time to think about the matter that it is much better to follow a certain time budget, either a written or mental one. That is, do as much of the work as you are going to do when it comes due instead of putting it off until later. It is too late to begin thinking about doing things in an orderly way this semester, but it is not too early to go over this semester's work in retrospect and enumerate the points in which your work has not been up to par. After doing this, start planning what you are going to do next semester and the semesters that come after it. Freshmen especially should heed this advice, for next year, the sophomore year, is the most difficult of the four. Physics laboratory work is mainly responsible for this, and therefore care should be taken in seeing that sufficient time is allotted to it. The schedule of time specified by the bulletin is sufficient if it is adhered to regularly, for although some of the experiments are extremely long, others are short and therefore the time balances.

If you start right now to think about a time budget for next semester, when September rolls around again, you will be ready to start the new year right.

"The Slipstick"

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

Life of the Party

*I've always been the life of the party,
Though I really don't know why.
I guess that it is just because,
I'm a real good natured guy.
The night I got the biggest hand,
Was the night I arrived out
The statement in a well known ad
You've heard quite often, no doubt.
It's that tale about three bananas,
Yes, I took them, like a fool,
"They laughed when I sat down to play,"
Some one had removed the stool.*

And When He Holds My Hand

The most touching scene arose when the doomed man, for his last wish, asked that the warden hold his hand while he was being electrocuted.

Frosh (bumping into gray-headed man on the campus: Say, where do you think you're going?
Man: Listen, I guess you don't know who I am. I'm the assistant football coach.
Frosh: Pardon me. I thought you were the dean.

STRICT SANITATION

"What ya' got in ya' pocket?" asked one colored boy of another as they started off with their fighting poles.
"Fudgin' wimmen," he replied.
"Fudgin' wimmen in ya' pocket! Don't ya' know better'n dat? Why don't ya' put 'em in ya' pocket?"
"Put 'em wid mah hand in mah pocket? Ah should any neef?"

Courtesy is the quality that keeps a woman smiling when a departing guest stands at the open screen and lets them in.

Oh How Brave

Boos—Did you collect that bill?
Kelley—No sir. He hit me over the head with a waste basket and kicked me out the front door.
Boos—You go back and collect that bill. I'll show him he can't scare me.

THE TRUTH WILL OUT

The Professor: "I'll wait until that fellow stops making a fool of himself, then I'll begin."

Father—"Yes, my boy, I'm a self made man."
Son—"Gee, Pop, that's what I admire about you. You always take the blame for everything."

Gloom—"In my business I never see the same customer more than once."
Snooper—"Well, what is your business?"
Gloom—"I'm an undertaker."

*The sleep beneath the duvion
No help can reach her now.
There's always something diving
When a freight train hits a cow.*

"The modern girl's hair looks like a mop," says a certain. But that doesn't worry her. She doesn't leave what a mop looks like.

It's a Horrid Word

Paw, what is a bicuspid?
A bicuspid, my boy, is a double barbed spittoon.

A young M. E. ordered a cartload of material from a Chicago jobber. The jobber wired him: "Can't ship your order until last consignment is paid for."

The M. E. wired back: "Unable to wait that long. Cancel the order."

From whence them motley freckles?
From eating rusty rattles.

ENGIN-ERRING DEFINITION

Slip Stick—An excuse for approximating an answer.

*Twinkle, twinkle, little star,
Shining brightly from afar,
You're a warning when you meet
So lightly on a copper's head.*

Aims To Please

Arch Prof: Draw a picture of Plymouth Rock.
Arch Frosh: Hen or rooster.

Driver (having killed a lady's pet dog): "Madam, I will replace the animal."
Madam: "Sir, you flatter yourself."

"I see where they have invented smokeless tobacco."
"How does it work?"
"You chew it."

JUST POLITE

Conductor: "Wake up."
Student: "I wasn't sleeping."
Con.: "Not asleep? What were your eyes closed for?"
Stud.: "I don't like to see women standing."

So long. Hope you enjoy your Finals.

Diamond.

Class of '07 Will Hold Anniversary

Beginning Friday, May 27, the class of 1907 will hold a three-day reunion in observance of their twenty-fifth anniversary. The members of the class are to meet at one o'clock on Friday at the Faculty Club where luncheon will be served. The afternoon will be spent in an inspection of the Institute.

On Friday evening dinner will be held at the Medinah Athletic Club, all facilities being available for use by the members of the class. For those who desire, arrangements have been made to attend an official "show-up" of suspected criminals at Central Police Station. Later in the evening an inspection of one of Chicago's leading broadcasting stations will be made, with an opportunity to watch famous artists perform.

To Take Lake Trip

Saturday morning the class will meet in the Loopy, and a special steamer will take them on a three-hour trip on Lake Michigan. Lunch will be taken at the Electric Association, located in the Civic Opera Building, after which a special program and exhibition will be conducted by the Chicago Lighting Institute.

The afternoon will be spent in viewing the various points of interest in Chicago, such as the Aquarium, Planetarium, and the Century of Progress buildings.

A final gathering of the class will be held at Al Easton's farm, on Dundee Road.

ALPHA CHI SIGMA ELECTS

Alpha Chi Sigma, professional chemical fraternity, takes pleasure in announcing the new officers for the coming year. They are as follows:

President, S. Johansson; Vice President, R. McInnand; Treasurer, S. E. Winegar; Recorder, D. J. Mullane; Master of Ceremonies, R. H. Scheuring; Reporter, A. H. Helms; Alumni Secretary, J. J. Deboy.

A. M. Ream has been appointed to act as representative to the biennial convention of the national fraternity which will be held in Washington, D. C. The convention will be held during the week of June 13 and will last until Friday, June 17.

Fraternity Notes

PHI KAPPA SIGMA

The second Alumni Smoker and the Annual Chapter Picnic were the highlights of last week's social calendar for the Phi Kaps. The smoker, which was held at the House Friday evening, was attended by a large number of alumni. Brother John J. Schommer gave them a comprehensive story of the Development Plan, by which their Alma Mater is to become the foremost engineering college in the country.

Most of the active chapter spent the entire day, Sunday, at the Indiana State Dunes Park. The girls did their bit by preparing the lunches, which contributed largely to the huge success of the picnic.

Next Saturday evening, the Annual Senior Farewell Dinner is to be held in the Flamingo Room of the Bismark Hotel. The sweet symphony of Phil Lavante's orchestra, together with the wonderful meals for which the Bismark is famous, will make the party a fitting climax to the four years of social activity.

THETA XI

Brother Baumann has been elected delegate to the annual Theta Xi convention which will be held in Los Angeles next August. Brother Tyler is alternate.

Brother Kent Parker was at the house for dinner the night of the Fire Protection smoker.

The greatest activity around the house at the present time is catching up on back work and getting ready for finals.

PHI PI PHI

Pledge Chris Chafin has been in the South Shore Hospital for the past two months due to a severe attack of appendicitis. Chris is feeling better now but won't get back to school until next semester.

The Senior Farewell Party will

REVIEWS

ABOUT OURSELVES

A. H. Overstreet

Unconsciously, all of us are psychologists. We are continually evaluating the people we meet—trying to "figure them out". It is important that we become as expert as possible at this art since practically everything we do involves human beings in one way or another.

Professional psychologists specialize in the difficult art. The "human equation" has been reduced to a relatively simple form in many books which have been written on the subject of psychology.

"About Ourselves" by A. H. Overstreet has achieved a recognition because of the wide and practical experience of its author. He is a practicing psychiatrist—"mind doctor"—has had a successful career as a professor and a public lecturer.

His book is divided into two parts: "Away from Reality" and "Toward Reality". The first is a study of the human perversions, mental weaknesses, and the quaint ways in which we fool ourselves. They are all lost in an exaggerated form taken from actual cases, such as the man who was literally insane with conceit and the pampered young woman who would suddenly become ill at the mention of anything unpleasant like work or the prospect of a visit from a friend who bored her.

Such people are mentally ill. Their cases are entrusted to a psychiatrist who goes for the real causes. These extreme examples are interesting because they form the basis on which an analysis of normal minds can be made.

The second part, ("Towards Reality"), is a suggestion of good habits which should aid in establishing that very necessary "mental hygiene."

Music, good poetry, art, etc. are listed as the best lubricants for the normal mind. If we are to be of a balanced personality, we must learn to laugh and to play.

If you read this book don't go at it with the idea of learning how to become a super-salesman or a social eagle, but rather with the hope that you will be taught something which will increase your chances to live a more satisfactory and peaceful life.

Present Gibbs Award At A. C. S. Meeting

The regular monthly meeting of the American Chemical Society, held Friday, May 20, at the Midland club, had as the principal event the presentation of the Willard Gibbs Award.

Mr. Bernard E. Scharr gave the address on the Willard Gibbs Award. The presentation of the medal to Edward Curtis Franklin was made by Professor Benjamin B. Freud of the Armour Institute of Technology.

The medalist had for his address the subject, Thales might well have said "Ammonia is the origin of all Things."

either be held June 10 or 11 on the roof of the Hotel St. Clair. The dance will be summer formal.

The Championship Baseball game with Beta Psi will be played some time this week.

TRIANGLE

Last Friday night, the Chicago Alumni Association of Triangle sponsored a dinner-dance at the Edgewater Beach Hotel. Several active members from Armour chapter were present.

Next Saturday evening, May 28, we will hold our Senior Farewell Dance for seven graduating seniors. This will be the last dance of the school year.

The house tennis team has reached the semi-finals of the Interfraternity competition. The date for our next game has not been set.

BETA PSI

The Beta Psi Annual Farewell Dance for the Seniors was held on Saturday evening, May 21. It was a great success, with many of the alumni present.

Last Wednesday, Beta Psi won its tennis match with Rho Delta Rho. On Saturday, May 14, Beta Psi won its golf match with the same house.

STUDENTS WORK TO BE EXHIBITED OPEN HOUSE NIGHT

(Continued from page 1)

by Armour's architectural students, who study at the Art Institute.

Physics Lab. in Operation

The Physics Laboratory, first entrance, Chapin Hall, will feature, as its exhibits, the action of liquid air, electromagnetic operations by a thermocouple, the discharge of electricity through gases at reduced pressures, and the demonstration of neon signs. About twenty experiments will be worked by the students and in addition a demonstration will be given of the photo-electric cell and refrigeration by evaporation.

Additional physics experiments will be demonstrated in Science Hall, third floor in Main building.

Mechanicals Display Work

The Department of Mechanical Engineering will present a large and varied program by way of demonstrations. Fundamentals of craftsmanship will be demonstrated by all four shops, Foundry, Forge, Machine, and Woodworking, which are located in Machinery Hall at the N. W. corner of 33rd and Federal streets.

The Foundry, located on the top floor of Machinery Hall, should be of particular interest to visitors. A student demonstration of mold and core making will be given, and a heat will be started in the cupola. At 8:15 p. m. the blow will be started on the cupola and at 8:30 p. m. the molten iron is scheduled to come down into waiting ladles, ready for the pouring of molds. The excitement resulting from the pouring of hot metal has always been a large attraction and there is no doubt but what the popularity of this shop will continue.

The Wood and Machine shops, located on the third and second floors respectively in Machinery Hall, will have all machinery running. Lathe work will feature exhibits in both shops.

Acetylene and Thermit welding will be shown in the Forge shop, first floor Machinery Hall. Forging will be operated by students who will demonstrate the forging of crane hooks, tools, and ornamental work.

Automotive Lab. Open

The automotive laboratory, located north of Machinery Hall, will feature Packard, Liberty, Hispano, and Sulza motors in its exhibit. Various types of stock car engines will be on test and the Whippet chassis, donated to the school for instructive purposes, will be on display.

Exhibits and demonstrations in the Mechanics Laboratory, located in the basement of the Main building, will attract much attention. A compression test of concrete will be run, and machines will be employed in the process of making bending and fatigue tests of steel. The tensile strength of the steel will be determined.

Philatelic Society Display

Armour Tech's Philatelic Society will make its first public appearance by means of an exhibit to be held in the Library, first floor, Main building. Each member of the society will submit a plate composed of commemorative stamps together with a detailed description of each stamp.

RHO DELTA RHO

The long awaited "Dinner Dance" was held last Saturday evening at the Carlton Hotel in Oak Park. The affair proved to be one of the most successful of our social season and was featured by many novelties which added zest to the occasion.

A large turnout of the alumni chapter helped swell the large crowd attending the affair and made it one which will not be soon forgotten.

SIGMA KAPPA DELTA

The fraternity takes great pleasure in announcing the initiation of Emmet H. Babcock '35, Ch. E.; Alex Kulpak '35, M. E.; and Roy S. Kercher '35, M. E. last Saturday at the chapter house. The formal initiation in the afternoon was followed by a banquet in the evening.

The seniors will be given a farewell party Saturday, and a beach party will be held on Decoration day.

George Horras '30 of Oklahoma City stopped to pay a visit last Monday. Harold Fox '31 is living at the house now. He moved in last week.

DIRECTORY

MAIN BUILDING: 3300 Federal Street. Library: first floor, North. Dynamo Laboratory: first floor, South. Physics Lecture Room: second floor, North. Electric Laboratory: second floor, South. Qualitative Laboratory: third floor, South. Science Hall: third floor, North. Electro-Chemistry Laboratory: third floor, Center. Organic Laboratory: fourth floor, North. Industrial Chemistry Laboratory: fourth floor, South. Drafting Room: fifth floor, North. Mechanical Laboratory: basement, North. ARMOUR MISSION: S. E. cor. 33rd and Federal Streets. Civil Drafting Room: second floor. MACHINERY HALL: N. W. cor. 33rd and Federal Streets. Forge Shop: first floor. Machine Shop: second floor. Wood Shop: third floor. Foundry: fourth floor. CHAPIN HALL: 3339 Federal Street. Physics Laboratory: first floor, North. Radio Station: second floor, North. AUTOMOTIVE LABORATORY: North of Machinery Hall.

Architects Inspect World Fair Buildings

On Tuesday, May 17, the architects, accompanied by Professor Wilmanns and Rathbun, inspected the World's Fair buildings. Frank Maher, a former Armour man, served as guide for the group.

The architects first visited the Hall of Science where they inspected the towers, lecture rooms, and the open air theatre. Mr. Yuanhsi Kuo, an outstanding architect from China, has charge of assembling the temple in the Hall of Science. The temple consists of 28,400 pieces of wood which were carved in China. The painters will also be brought from China.

The group next visited the Transportation Building where they saw the cables which hold up the roof. Once a month these cables are tuned in order that they will hold up properly. In this same building are tatum poles shipped from Alaska. In the building is also an echo room where a sound may be repeated twenty-seven times. An Armour cheer from the Archs was repeated by the echo.

The group then went to the Electric Building where they saw the lighting system and the various studios.

Professors Wilmanns and Rathbun and the students wish to express their cordial appreciation to Mr. Maher for making this a most pleasant inspection trip.

ARX NEWS

And incidentally Johnny and Walter Larson are seriously contemplating a venture in business this summer. The boys are going to open a modern hot-dog and soda-pop stand.

News of a more serious nature is the arrival of the A. A. S. initiation and banquet. On Thursday, this week, in Lincoln Park, about thirty-five Freshmen will be sent through the portals of the Architectural Society. The upper classmen will play host.

This year each fresh has been assigned some statue in the Art Institute to sketch. These sketches are to be judged and prizes are given to the winners? ! ?

At the banquet that night M. C. Farrier, Arch., will address the assemblage. Mr. Farrier is the president of the Chicago chapter of the A. I. A. and is supervising the construction of the Mayan work for the 1931 Worlds Fair.

When Harry Beckwith and Milton Kohn, (Freshmen arch.) went out for their cars last Friday, the day of the class Rush, they were greatly surprised upon finding the tires of their respective automobiles greatly deflated.

The Sophomores and Juniors are on their last charrette of the year:

for today, the "Residence for a College Dean" is to be handed in to be judged.

DISTRIBUTE ANNOUNCEMENTS

Seniors may obtain their graduation tickets from W. H. Rudolf this morning, in the main lobby. Four tickets will be given each graduating senior and are to be used in admitting their relatives and friends to the Commencement exercises given in Armour Mission, June 9, at 4 P. M.

"The Greeks Had a Word for Them!"

XZESPIO (born with wings)

EXHIBIT A. MERCURY—EXHIBIT B. PEGASUS

In the best families (or any others for that matter) that doesn't happen nowadays. Hence the United States Air Corps offers some attractive inducements to you college students for whom it has built a \$10,000,000 institution at San Antonio, Texas, where they teach you to fly and while you are learning:

Pay you a salary of \$75.00 per month. Pay your living expenses. Supply you (free, of course) with snappy, tailor-made, sky blue uniforms.

Grant you the social and military privileges of potential officers. Pay your traveling expenses from your home to the new field at San Antonio. 700 Men are taken in each year. The course requires a year to complete and includes over 200 hours of solo flying. Those who stay the full year are commissioned as Lieutenants in the Air Corps Reserve.

If you don't like the training you may resign at any time. For example:

Should you stay three months and then resign you will receive \$225.00 cash, your round trip expenses from your home to San Antonio, and about 50 hours of solo flying.

The service and associations of the Air Corps give its members a very real distinction and a very noticeable breadth and poise. If you have applied and are ready to go, we have compiled information and tips giving you inside angles and dope that will be invaluable when you arrive at the field. If you haven't applied yet then by all means get our information. We tell you the entrance procedure and certain twists that make your getting in easier and quicker. The information written by men who have been thru the school covers all points from beginning to end that you are interested in knowing. This information cannot be obtained elsewhere; it is complete. Nothing else to buy. The price is \$1.00 or sent C. O. D. if you desire.

National Aviation Service

742 S. Hill St.

Los Angeles, Calif.

Final Round in Chess Tournament Reached

Preliminary heats in the chess tournament sponsored by the Campus Club have been run off, and five survivors are left to compete in the finals for the championship of the school. The following men succeeded in eliminating their opponents to win their respective heats: D. I. White, A. R. Viel, H. A. Tompenger, J. M. Clucas, H. Eins.

To start with, each man was listed in a preliminary group of four or less players. Chess games were played among these groups, and the best chess player of each group was entered in the semi-finals which started yesterday.

The six semi-finalists will be paired off and the best two out of three games will qualify the winners to take part in the finals from which the champion will be selected.

Credit must be given to Art Viel and Dan White for promoting the tournament and for the initiative which they are taking in bringing about the formation of a permanent chess club. Interest shown in the tournament and the signing of a petition by some forty chess players are likely indications of the possibility of founding such an organization.

FACULTY CLUB EXPANDING

Work on the new addition to the Faculty Club rooms is practically at a standstill while the heating and ventilating systems are being installed. Most of the rough heavy work has been done already.

The professors have all been pitching in and doing their bit of work regularly. Thus far they have had to work as carpenters, plumbers, and electricians. This remodeling is entirely the club's own work and therefore both the money and the labor is forthcoming from its ranks.

Along with the new addition, some refurbishing will be done to the old rooms which the club now occupies according to Professor Morsheim, president of the club. It is expected that the project will reach completion this summer.

Tech Players To Get Summer Experience

To gain the experience which will enable them to make a success of the three-act play they are going to stage next year many of the members of the Armour Tech Dramatic Club are planning to join a dramatic organization which puts on a series of one-act plays during the summer.

The Deans' office has promised to support the Dramatic Club in its presentation of this three-act play to the extent of seeing that it gets a great deal of publicity in the large Chicago newspapers. This publicity will also boost the Development Plan.

The group with which the boys are going to work this summer put over quite a few plays last year, but they were in sore need of extra players. Because of this they will be able to take all of the Armour men. Ten of the Armour players have already decided to join up with this organization. They will not receive any salary, all of their work being for experience.

Harold Monger requests all members of the club who haven't as yet done so to see him about making final arrangements for this summer's work.

HOLD ENGINEERS' FAIR

The engineers of North Carolina State College held the spotlight on their campus last Thursday, Friday, and Saturday, with the celebration of the Sixth Annual Engineers' Fair.

On Thursday, the faculty reviewed the parade of the R. O. T. C. regiment along with a detachment of army fliers; and in the evening the engineers paraded downtown. The visiting bombing squadron thrilled the onlookers with their maneuvers over the local airport.

The climax of the Fair was reached on Saturday night when the long awaited "Engineers' Brawl", bigger and better than ever, took place.

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Home Cooking

Advertisement for Chesterfield cigarettes featuring a woman in a dress and a pack of cigarettes. Text includes 'Coming!', 'They're coming - more and more, to the all-round goodness of Chesterfield!', and 'Chesterfield Radio Program'.

TECH BASEBALL TEAM WINS OUT OF TOWN GAME, LOSES TWO GAMES ON HOME FIELD

Defeats Wheaton, League Leader, Second Time. Bows to Mt. Morris and Elmhurst Teams

FINAL GAME TOMORROW AT LAKE FOREST

BASEBALL STANDING			
	W.	L.	Pct.
Wheaton	6	3	.666
Mt. Morris	5	3	.625
ARMOUR TECH	5	4	.556
Lake Forest	5	4	.556
North Central	3	5	.375
Elmhurst	2	6	.250

The past week proved disastrous to the Tech baseball team and practically destroyed all chances of a league championship for Armour this season. Last Tuesday, Mt. Morris upset the dope by handing the Tech squad a 9 to 2 defeat, after Armour had won the first game at Mt. Morris two weeks ago. The Tech men collected only six hits while the opponents garnered fourteen off of Buehne. Seven Tech errors also helped to add to the Mt. Morris score but the team refused to be discouraged and fought to the end. Tad Omiecinski was the only Tech batter to get two hits off of Potter, the Mt. Morris pitcher.

Loss to Elmhurst 8-1

Friday the Tech squad lost another home game, and this time it was Elmhurst that turned the tables in revenge for the defeat on its home diamond early in the season. Although the Tech men made less errors than usual, they could not hit and the Elmhurst pitcher got fifteen strikeouts to his credit and allowed only two hits. Vic and Tad Omiecinski both beat out infield hits to make up the Armour total. The Elmhurst team made ten hits and scored eight runs, five of which were scored on three runs plus, in the fifth inning. The Tech run was scored in the seventh frame when Young got a free pass to first, stole second, took third when the throw from the catcher eluded the man covering second, and came home after a high fly to right field.

The final game of the season for the Armour team will be played tomorrow at Lake Forest due to a postponement earlier in the season. The Tech squad should take a victory as a season finale, having beaten Lake Forest on the home diamond about two weeks ago and its standing may depend upon this game.

BOX SCORE

Armour—(5)	ab	r	h	po	e
Sommer, c.	5	1	0	4	0
V. Omiecinski, ss.	5	0	0	3	0
Evans, lf.	4	1	1	1	0
T. Omiecinski, 1b.	3	0	1	7	0
Young, rf.	3	0	0	0	0
Lukas, c.	4	1	1	11	0
Lillis, 3b.	4	0	2	1	2
Buehne, p.	3	1	1	0	1
Galvani, 2b.	2	1	1	0	0
Total	33	5	7	27	3

Wheaton—(3)	ab	r	h	po	e
Ray, c.	4	0	1	9	0
Thomas, 3b.	4	0	0	0	0
Lind, ss.	4	0	0	2	0
Evans, p.	4	1	1	1	0
Orris, cf.	2	1	0	1	1
Straghan, 2b.	4	0	0	4	0
Samuelson, lf.	4	0	1	1	0
Whipple, 1b.	4	1	1	8	0
Fiel, rf.	4	0	0	1	0
Total	34	3	4	27	1

Three base hit: Lukas. Two base hits: Evans, Ray. Bases on balls: Buehne, 2; Evans, 4. Struck out: Buehne, 11; Evans, 10. Wild pitches: Evans, 3.

Armour Golfers Beat Valparaiso

Last Wednesday, May 18, the Armour golfers succeeded in turning the tables on Valparaiso to the tune of 10 1/2 to 7 1/2. The last game was played at Valparaiso and the Armour men came home with the first defeat of the year.

The day was ideal for a golf match and all the men succeeded in turning in a fine group of scores, all in the low eighties with the exception of Johannisson who turned in the lowest, a 73. Captain Dave Pearson also turned in a fine day's work. He was ten up on his man at the end of the thirty-six holes.

Along about noon time Professor Bibb strolled in and contributed his share in the teaming handed Valparaiso by way of encouraging the boys to do their best. It is a wonder what a little added incentive can do to the spirits of a foursome that has just about covered the eighteen holes.

Armour's golf team added another victory to their string by defeating the Crane College team a second time. The Crane team was beaten by a score of 10 1/2 points to 1 1/2 points by the Tech squad last Friday, May 20, on Crane's home course.

Davidson of Armour had the lowest score of the match with an 80.

The Evergreen course has been the rendezvous of quite a number of Armour students since the special rates have been announced.

Golf Team to Meet Toledo U. Saturday

On May 28 the Armour golfers play their second game of the season with Toledo University, this time as the guests of Toledo. On Friday, May 13, the Armour lads defeated Toledo on the Evergreen course by a score of 11 to 7. Toledo University is a new opponent on Armour's schedule. This season, they were substituted on the schedule in place of St. Johns.

The Tech golfers will meet some very stiff competition at Toledo. In spite of the rather impressive score rolled up in the first match, it was one of the hardest fought matches of the season.

The present season has been the most successful in recent years. Under the able leadership of Captain Pearson the rest of the team, Johannisson, Weldon, and Davidson have been quite successful against most of the competition.

SUMMARIES

Doubles	
Weldon-Johannisson, (A)	.....3
Shook-Christy, (Val)	.....0
Davidson-Pearson, (A)	..... 1/2
Nath-Krahne, (Val)	.....2 1/2
Singles	
Davidson, (A)	.....1
Nath, (Val)	.....2
Johannisson, (A)	.....2 1/2
Shook, (Val)	..... 1/2
Weldon, (A)	..... 1/2
Christy, (Val)	.....2 1/2
Pearson, (A)	.....3
Krahne, (Val)	.....0

Net Men Defeat Lake Forest 5-2

During the past week the Armour Tech tennis team in two meets won one with Lake Forest at Lake Forest and lost another by a close score to Wheaton College on the Armour courts. The matches with Wheaton were played in a wind and dust storm, and Wheaton eked out a victory by a 4 to 3 score. Strob and Armsbury accounted for Armour's three matches by winning their singles and doubles. On Thursday the Tech tennis team journeyed to Lake Forest and defeated that university five matches to two.

This week the Armour tennis squad has meets scheduled with Lake Forest, Wheaton, and Ripon.

Summaries

Singles: Strob (A.) defeated Perce (L. F.) 6-4, 6-4; Armsbury (A.) defeated Malman (L. F.) 6-1, 6-2; Paine (A.) defeated Price (L. F.) 2-6, 6-2, 6-3; McDonough (A.) defeated Waldner (L. F.) 6-4, 7-9, 6-3; Cone (A.) defeated Hoffman (L. F.) 6-3, 2-6, 6-4.

Doubles: Perce and Malman (L. F.) defeated Strob and Armsbury (A) 6-1, 9-7; Price and Waldner (L. F.) defeated Paine and McDonough (A.) 3-6, 6-4, 6-4.

TECH SHORTS

Swan Song
We herewith present our thirtieth consecutive issue of the Tech Shorts written by H. P. R. (H. P. Richter). Since we have to leave school by way of graduation, we wish our successor the best of luck.

Armour's track team ended its season by losing the final outdoor meet to Bradley Tech at Peoria, 90-36. The most notable events of the meet were the record breaking performances of Stan Lind and Emmett Cordes, seniors. Lind broke the school record in the 880 yard run, held by P. S. Deivert since 1927. He ran the distance in the fast time of 2:00.9.

Cordes on his last throw of the season threw the javelin 157 ft. 10 inches to beat the old record held by D. Skaer since 1926 by one foot and seven inches.

Coach Stagg recommended that twenty-two men be awarded letters for the past season, eleven majors and eleven minors!

Sademan, 1933 Captain
E. E. Sademan, '33, was unanimously elected captain of the track team for next year. He holds school records in the 440 yard dash, one and two mile runs.

The tennis and golf teams won several matches last week. The golf team, coached by Professor Leigh, has only lost two matches all season.
H. P. R.

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EVENT	RECORD HELD BY	TIME	DATE	PLACE
100-yd dash	S. V. McKarahan, '09	19.6 sec.	1917	Orden Field
	J. W. Tierney, '17	19.6 sec.	5-4-23	Orden Field
	O. M. Spald, '24	19.8 sec.	5-2-23	Stagg Field
125-yd. H. Hurdles	G. L. Sackler, '09	17. sec.	5-23-09	Lansing, Mich.
220-yd. L. Hurdles	G. A. Nelson, '34	23.1 sec.	5-23-31	Orden Field
440-yd. dash	C. Low, '27	51.4 sec.	5-23-24	Lansing
440-yd. dash	V. A. Sturm, '20	51.4 sec.	5-23-20	Stagg Field
880-yd. run	S. N. Lind, '22	2:00.9	5-14-22	Bradley
1 mile run	P. S. Deivert, '25	4:46	5-23-25	Lansing
2 mile run	F. M. James, '31	19:08.8	5-23-31	Lake Forest
High jump	E. A. Navarro, '29	5 ft. 10 in.	5-23-29	L. A. C.
	G. A. Nelson, '34	5 ft. 10 in.	5-23-31	Lake Forest
Broad jump	E. V. McKarahan, '09	21 ft. 8 1/2 in.	5-23-09	Lansing, Mich.
Pole vault	C. D. Colby, '22	11 ft. 1 in.	5-13-22	Lake Forest
Discus	Don Paul, '20	135 ft.	5-17-20	Orden Field
Javelin	E. L. Cordes, '22	157 ft. 10 in.	5-14-22	Bradley
220-yd. dash	V. A. Sturm, '20	22.7 sec.	4-23-20	Stagg Field
Shot put	D. J. Paul, '20	48 ft. 7 1/2 in.	4-23-20	Drake Relay