



LEADING SENIORS TO BE AWARDED ENGRAVED CYCLES

Scholastic Average and Activities Basis Of Awards

CHOSEN BY A.T.A.A.

Ten seniors chosen by the Armour Tech Athletic Association as honor men, will be presented with specially engraved copies of the Cycle. These awards have been given annually to honor men of the senior class.

The Cycles which will be given them have engraved upon the cover, the name of the person receiving it, his ranking, as decided by the athletic association, with the inscription "Honor Edition Award." The following men have been awarded the coveted cycles, the number indicating their ranking;

1. Arthur Henry Jens.....F.P.E.
2. Charles Theodore Link.....M. E.
3. Frederick Branham
4. Attwood.....Ch. E.
5. Alvin Berthold Auerbach....C. E.
6. Richard Ray Eddy.....F. P. E.
7. Frank Marshall James...F. P. E.
8. Edward John Stehno.....E. E.
9. Walter Martin Miran....F. P. E.
10. Ralph Alvin

The board of control of The Armour Tech Athletic Association is composed of faculty and student representatives the faculty members being Dean Penn, Professors Huntly, Leigh, and Schommer, Mr. Allison, and Coach Krafft. Five student representatives are elected by the association.

The records of various men of the senior class in scholarship and extra-curriculum activities are considered. Twenty students are selected and their names are given to the board of control. This association also looks over their scholarship records and due consideration is given every man in the prospective balloting. As stated before they are ranked according to the balloting.

Honor Marshals Chosen by Office

The honor marshals taking part in the annual commencement exercises and baccalaureate services of Armour Institute of Technology have been selected. These men are representatives from the freshman, sophomore and junior classes, the choice being due, mainly, to their scholastic standing. The following honor men have been chosen by the Dean's office:

- A. Bachman, E. G. Beard, A. Bogot, W. G. Buehne, R. W. Carlstrom, J. O. Cavanagh, C. O. Cunningham, H. R. Davis, W. A. Janssen, J. W. Juvinall, G. A. Nelson, F. W. Paine, H. P. Richter, and M. J. Schinke.

Representatives from the Armour faculty are: Charles Anson Nash, marshal; William White Colvert, assistant marshal; Arthur William Sear, assistant marshal.

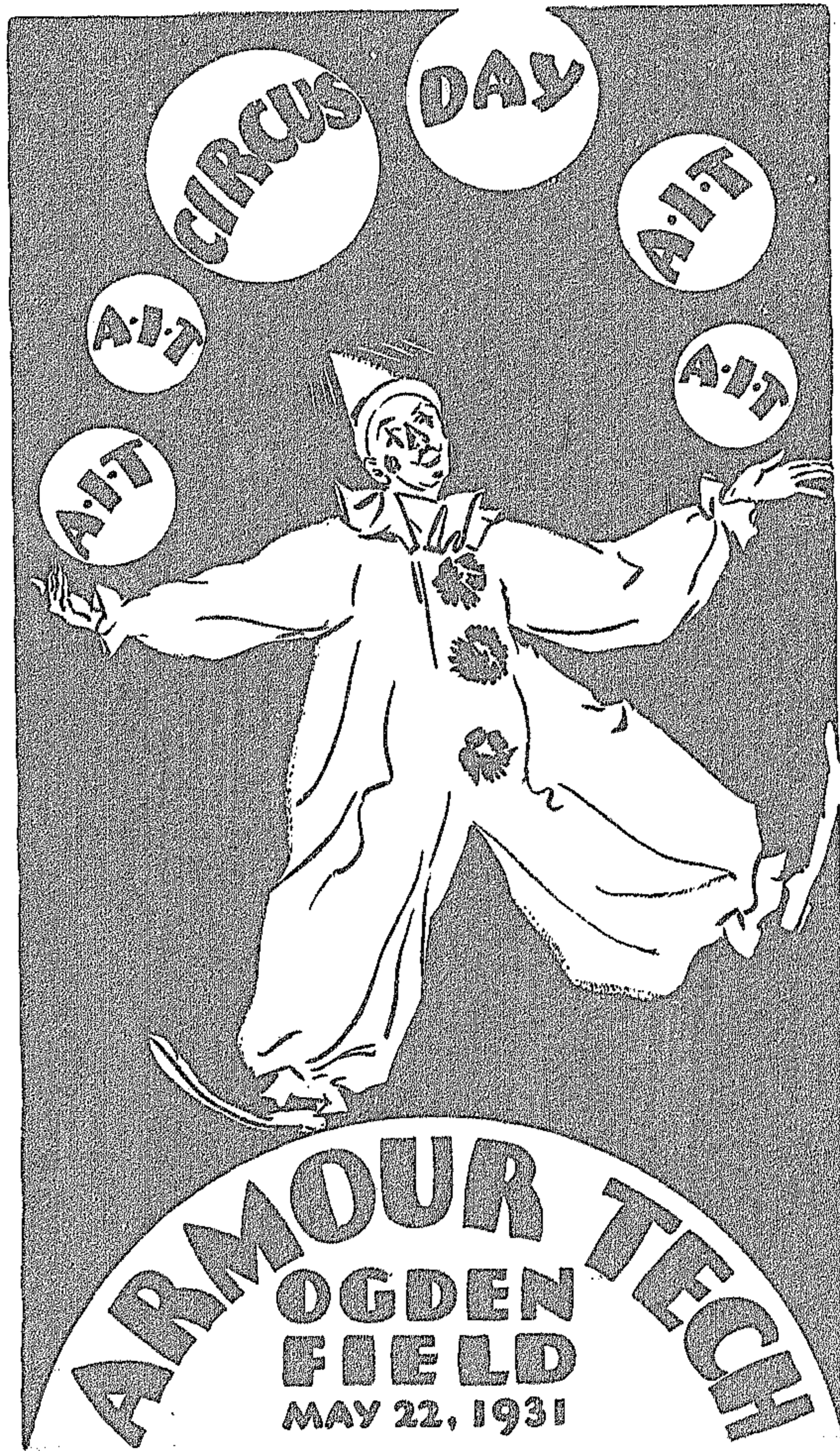
The baccalaureate services will be held at Central Church in Orchestra Hall, June 7, at 11 a. m. Commencement exercises will take place Thursday, June 11, at 4 p. m., in the Institute assembly hall.

Soloist to Assist Singers at Concert

Dr. Protheroe has succeeded in getting Mr. Ernest John to assist the glee club in the concert to be given on the Wednesday of Junior week. Mr. John is in the Welsh Male Choir and is also the solo tenor of the Presbyterian Choir in La Grange, Illinois.

The Glee Club is now busily engaged in preparation for the concert and will have an extra rehearsal tonight as well as the regular one on Thursday.

THERE'LL BE A HOT TIME—



Circus Day to Climax Annual Junior Week

On Friday of Junior Week will come that famous day in Armour annals known as Circus Day. Once a year all the pent-up respect for law, order, dignity, and whatnot is thrown to the winds. On May 22 it is permissible for the thin veneer of civilization to be discarded for the nobler pursuits of track and shirt-ripping (if you haven't gotten into the spirit of Circus Day, the latter is the Class Rush).

An interview with President Raymond indicated the fact that the present generation of students has none of the spirit of the men of old. No longer are the class leaders for the rush kidnapped. Today it is practically unknown for the whole Freshman Class to be locked up in a barn so that the Sophomores could win the rush without a bit of resistance. No, these pranks required the harder constitutions of the men who graduated years ago. Do you accept the challenge? We shall see.

With these new and modern times have come many great improvements but strange to say the fraternity pageants have fallen behind in this respect. This year, as before, President Raymond has donated a cup for the best fraternity stunt. Word has come in from several of the Greek-letter organizations that they intend to cop this cup. But in order to win there will have to be a sparkling bit of wit, skill in presentation, and originality in these pageants.

The authorities are going to judge the Armour spirit by the result of the coming Circus Day. It is up to the men now in school to keep alive the last frontier of our school spirit. A one hundred per cent attendance will assure the faculty that Circus Day is worth the time, effort, and money spent on it. Shall we degenerate into the class of spiritless grinds or shall we replenish the flames of the fire started by our predecessors? The attendance at the Circus Day program will determine this question not only for us but also for posterity.

Annual Open House To Be Held May 18

Students and faculty members are making unusual preparations to make May 18 the most successful Open House Night of any ever conducted at the Armour Institute of Technology.

The exhibits of Open House night have always made it one of the most spectacular events of the year. The purpose of the whole idea is at least three fold. In the first place the parents and friends have a chance to see just what is going on at the Institute. Secondly, prospective students may see the inner workings of the curriculum much more vividly than through the perusal of catalogue descriptions. Lastly, the students themselves may become acquainted with work that is going on in other departments. Without Open House night, many would never be able to see much of the work that is going on, because the daily school requirements keep them in their individual departments.

Laboratories and shops are to be run so as to show not only the regular work, but also many exhibits of special work.

In the Chemical Engineering Department the Qualitative, Organic, and Quantitative, Physical Industrial, and Metallurgical laboratories are planning demonstrations. The Dynamo and Electrical Engineering laboratories will represent the Electrical Department, and the Mechanicals will hold forth in the Automotive Materials testing, Hydraulic, Steam Boiler, and Oil testing laboratories. The Civil Drafting Room will be in operation, and the Fire Protects will have displays in the Physics Lecture Room. Architectural exhibits are to occupy space in the foyer of the Main Building.

Physics experiments are to be conducted in the laboratory in Chapin Hall. The Foundry, Wood Shop, Machine Shop, and Forge Shop in Machinery Hall will put on demonstrations throughout the evening.

In order to conduct the work being done, and to explain things to visitors.

(Continued on page 2)

Juniors Now Ready To Present Dance

Plans are now complete for the Junior Formal dance, which dance promises to be a fitting climax to Junior Week and to the entire social season of Armour Tech. The junior social chairman and his committee have spent much time and effort in preparing for this affair, and have, as a goal, the wish to make both dinner and dance the finest that have yet been held.

Junior week will last from Monday, May 18, to Saturday, May 23, and will be crammed with exciting events and interesting stunts. The dinner dance will be on the night of Friday, May 22, from 9 till 2. This is the last night of Junior Week and is the peak of the fun and hilarity of this "Spring Spasm."

Several places were considered as to being good locations for the dance, but after some debate the Oriental Room of the Knickerbocker Hotel was finally chosen as the most beautiful and attractive setting for the formal.

Syncopation will be provided by Doug Peppard and his Northwestern Troubadors whose seductive strains will fit in closely with the colorful and bizarre surroundings of the Orient. This band is composed of ten pieces and is well known for its fine music.

The bids are priced at \$8.00 and may be obtained from any member of the committee, which is composed of: J. J. Casey, chairman, J. E. Bryant, J. B. Dirks, O. G. Linnell, and G. W. Schodde. One of these men should be seen immediately, for only 125 bids are to be sold and this limit will soon be reached.

The Junior Formal Dinner Dance every year is the big affair, the finish of the year and the one this year promises to be the biggest and best ever given, so bids should be bought promptly and preparation should be made for a wonderful time.

The program and favors selected are from new designs which are being introduced into the activity world. Patrons will be announced in the next issue.

Sophomores Determine To Whip Green Frosh

A determination to break an old Armour tradition was expressed as the sentiment of the sophomores who shall do their best to hang the crepe on freshman class victory hopes next Friday.

In the past, it has been the usual thing for the freshmen to administer a scrubbing to the sophomores with much gusto and a showing of the good old high school spirit with which the newcomers are always effervescing.

As far as sophomore classes are concerned, there always seems to be a firm resolve that the freshmen shall be put in their place, an event which has not transpired for some time past, but experienced campaigners have expressed opinions in favor of the sophomores and all we can say to the freshmen is "Look Out!"

Last Friday morning the sophomore class met to discuss their plans for Junior Week and Roger Waindle, the junior marshal having full charge of Junior Week, spoke about the relative importance of class cooperation as insurance of a successful program for this year's activities.

Dean Penn Speaks to Calumet High School

Last Thursday, May seventh, Dean Penn visited the Calumet High School in Chicago and spoke to the members of the Senior Class on the work of the engineer and architect. Dean Penn, himself, graduated from the Calumet High School in the class of '01. During his visit last week, he saw one of the teachers that he had had while attending the school. Not wishing to give any hint as to the woman's age, the Dean refused to divulge the name of his former instructor.

JUNIOR WEEK STARTS MONDAY AS ANNUAL OPEN HOUSE NIGHT EXHIBITS ENTERTAIN VISITORS

Musical Concert, Junior Formal, Athletic Meets, and Circus Day Are Features of Gala Week

ROGER WAINDLER IN CHARGE OF ACTIVITIES

M. R. Beal New Engineer Editor

Marshall R. Beal, F. P. E. has been chosen by the retiring board, to head the staff of the Armour Engineer for the coming college year. The other officers selected are: Morton Fagen, E. E. '32, associate editor and Arthur Viel, Ch. E. '32, business manager.

Three student articles and one written by a member of the college faculty will appear in the next issue of the Engineer. This will be distributed on May 18.

A discussion of the Lakes-to-Gulf waterway will appear in the article entitled "The Illinois Waterway", and written by M. R. Beal. Morton Fagen in his paper "Radio Beacons for Airways" treats of the methods employed for guiding airplanes across definite paths by radio.

"The Rosenwald Museum" is the title of Professor Scherger's contribution to the Engineer. It is an account of the museum's appearance and its possibilities when completed.

The field of chemistry supplies the topic of the fourth article. Fred B. Attwood, Ch. E. '31 in his feature "Silica Gel" explains this new refrigerant and its commercial applications.

A. T. A. Election To Be Held Friday

Printed ballots will be used in the A. T. A. election this Friday in an effort to get a larger vote and therefore a more accurate measure of the wishes of the student body than has been obtained in previous years. A ballot box will be located in front of Science Hall from 9:30 A. M. until 2:00 P. M. on Friday and every student in school is requested to cast his vote at sometime during those hours.

The elections are for three offices, the men chosen to hold the positions for one year. The present first vice president automatically becomes president. The candidates for first vice president are G. J. Beemsterboer, A. W. Oberbeck, and E. E. Sademan. R. W. Carlstrom, A. H. Helmick, and D. W. Pearson are running for the office of second vice president while the candidates for secretary are D. L. Jacobson, S. M. Lillis, and L. H. Streb.

Doctor H. M. Raymond Attends Ceremony

President Raymond was present at the impressive ceremony on May 1 when Dr. Harry Woodburn Chase was inaugurated sixth president of the University of Illinois.

Coming from the University of North Carolina where he has presided since 1919, President Chase succeeds Dr. David Kinley who has been in office since 1920. He has pledged himself not only to maintain the present high standard of educational facility attained by his predecessors, but also to do his utmost to cope with the problems engendered by the changing conditions which confront all universities today.

Representing Armour, Dr. Raymond was a member of an imposing group of some six hundred leading educators chosen from 232 universities, colleges, learned societies, and professional organizations in this country and abroad.

Jest and jollity will be the order of the day when Junior Week rolls in on Monday May 18. The gala period will last for six days, closing Saturday, May 23.

Many students of all classes are participating in the galaxy of athletic and social, collegiate or fraternal, activities which are scheduled to run throughout the week.

Heading the school as generalissimo to direct it in the brief but eventful celebration is Roger Waindle, Junior Marshal. The marshal will be aided in managing the entertainment by V. R. Sandberg, in charge of the varsity tennis, track and baseball; S. E. Grandstrom, sponsor of fraternity pageants, concerts and the dance; A. J. Jungels, supervisor of the class rush, and non-varsity track events, and Russel Long, who will be in charge of tickets and all awards.

A complete schedule of the week's activities as planned is as follows:

The Armour Tech baseball team will meet the alumni team on the home field, Monday afternoon, to open Tuesday, it is thought that a track long heralded annual open house exhibitions will be held. (For details of open house exhibits see the next issue of the NEWS.)

meet will be given, although at the time the NEWS went to press, the opponents had not yet been decided upon.

The string of athletic events will continue Wednesday, when the potent Tech baseball nine plays Washburne—still on home territory—Ogden field.

Wednesday evening the annual home concert and interfraternity sing will be held. The assembly hall as usual will be the gathering place of the vocalists.

There will be a brief lull in the rapid succession of activities of Junior Week on Thursday morning. The inter-fraternity track and field meet will open in the afternoon. The comparatively quiet day will be a calm before the day of big events.

If the spirit of P. T. Barnum is hovering over this sector on Friday, May 22, it will applaud vociferously at a good job well done, for Friday is Circus Day at Armour.

The big day will open with the inter-class relay, pentathlon, and interfraternity relays.

Then, 12:30, a signal will be given and the Freshmen at one end of Ogden field will rush the Sophomores at the other end and visa-versa. Their lesser instincts aroused, both groups will mingle in a brotherly manner (as when the brothers have a difference) and battle for the straw sacks in the center of the field. At the end of ten minutes the side possessing the most sacks will be judged victor in The Class Rush.

The fraternity stunts will be presented following the rush. All houses on the campus are laboring to perfect unparalleled circus day entertainment.

On Friday night the grand event of Junior week, will become a reality—the Junior Formal. The dance, the one formal event of the school year will be staged in the Oriental Room of the Knickerbocker Hotel. Music by Doug Peppard and his Northwestern Troubadours.

Saturday will be the close of another and better Junior Week. The Armour tennis team will make the rackets whine with Loyola at Loyola.

Get set. Warn the weather man not to go sour from May 18 to 23. throw your calc book in the wastebasket, push your favorite prof down the elevator shaft, and start tooting for the 1931 Junior Week!

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"From a little spark may burst a mighty flame."
—Dante
Born May, 1265.

A Gala Week for All

Junior Week is without doubt the outstanding collegiate event of the school year. It is observed by faculty and students alike as a breathing spell, a time of relaxation in the midst of the serious task of education. And as such this respite has been recognized and enjoyed by our predecessors for years. Soon we will once more plunge into this week embracing activities of interest to all of us.

By its very name Junior Week is identified with but one class among the four. A junior has general charge of the activities of the entire week, other juniors plan athletic and social events and referee the annual class rush, while it is still another junior who supervises arrangements for the formal dinner-dance which closes the week.

The predominance of any one class in the activities of this week might lead the uninformed to think that the other three classes were relatively uninterested. That this idea is erroneous and is entertained by but few Armour men is shown by the number of seniors, sophomores, and freshmen who participate in the various events. Those colorful interfraternity pageants and highly competitive track activities have only attained the present high place in the opinion of the Armour students and faculty because they involve a hearty cooperative participation of all the classes. Certainly if the interest of even one class was lacking the stiff competition of the inter-class track meet, the traditional display of spirit and class rivalry to be found in the annual sack rush would be missing.

It is easily seen, then, that a successful Junior Week requires the cooperation of all classes and organizations. Also many of the events are so dependent on the weather that postponements are not at all impossible. Such an occurrence is always unpleasant but, if the men or organizations concerned are really interested and willing, the rearranged program may be carried out with no diminution of success. It is undoubtedly because of such a feeling of cooperation that Armour's Junior Weeks in the past have been so satisfactory to all.

We feel sure no one will deny that the celebration of Junior Week is a distinct benefit to the entire school. It gives the freshmen a chance to prove to the world in general that they are no longer in the adolescent age, and it offers all the classes a greater opportunity for athletic competition than is afforded by any of the other school functions.

In previous years Junior Week has been remarkably successful, as a rule, and consequently the present one has a reputation to uphold. If we follow the same plan of cooperation we are sure to reach just as high a goal as has been attained in former times if not a higher one.

W. H. R.

"The Slipstick"

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

APOLLO

Three times he tried
On his handsome face
To pass.
Three times he failed
On his handsome face
To pass.
He studies now.
If he doesn't flunk—
He'll pass.

CONFIDENTIAL REMARKS

Jever notice that wen yuh git sompin' good for nothin' that it usually turns out tuh be good for nothin'. . . If yuh don't think thet peanuts are fattening, take a look at the circus elephants. . . It's a fact thet wen a guy puts grease on his hair, everything slips his mind. . . Common sense is a uncommon thing. . . It don't take a nine-barrelled shotgun to kill a cat.

LIFE AFTER DEATH

"DEAD ROBBER BRINGS \$5000 TO HIS SLAYER"
—Headline in Podunk newspaper.

IN OTHER WORDS—

Ye ed: "Your article is two hundred words too long for our use."
Writer: "But it's only two hundred words long."
Ye ed: "Your article is two hundred words too long for our use."

SAXOPHONE JOKE NO. 333,444

"Hello, Bill Where'd you get the sax?"
"Man next door."
"But you can't play it."
"Neither can he—while I've got it."
—Rad.

A LESSON IN THRIFT

Two sons of Erin were discussing the increase in carfare from five to seven cents in Philadelphia recently. Pat ventured the following complement:
"Faith, and if this isn't the first time that a big corporation has aided th' workin' man."
"How is that?" quoth Mike.
"Well, Oi've been walking to and from work and saving tin cents. Now Oi kin save fourteen."
—Chemico.

THIRD DEGREE

"Where did you put them diamonds? Don't say you ain't got 'em. We seen yuh wid 'em. First you took the tray and den yuh took the diamonds. I know; I saw yuh wid my own eyes. If yuh don't tell us, your life ain't worth a snap of this finger. Come on, now, where's them diamonds?"
"I don't know!"
"What! You don't know anything about 'em, and the tray too? Well, I'll fix you. Here, Mike, help me tighten dis rope; now, for the last time, are yuh goin' to talk? Where'd yuh put dem diamonds?"
"I don't know!"
"All right, Mike, tighten up dem ropes. Now will yuh talk?"
"Ouch! my throat, I'll tell you all I know."
"All right, where are the diamonds, and where did you put the tray?"
"I put the diamonds back in the deck and shoved the tray in the card case."

No Danger

"Hello, Jones. I want to insure my coal-yard. What will the premium be on a \$200,000 policy?"
"What kind of coal is it? Is it the same as the last five tons you sent me?"
"Yes, that's right."
"Don't bother insuring it. It won't burn."

PREPAREDNESS PAYS (???)

It was a tall, mysterious-looking man who applied for a room at a local hotel. Among the many pieces of luggage which he carried the clerk noticed a large coil of heavy rope.
"And may I ask why you carry such a formidable coil of rope?"
"I always carry such a coil in case of fire. In the event of a conflagration I can let myself down without bothering anyone."
"A good plan, I do agree, but people who carry fire escapes pay in advance at this hotel."
Skiff.

Did you ever go out to the links with your club clubs? It sounds funny, perhaps even silly, but if you didn't know it you took out your club clubs. This repetition is not absolutely the best of English, but the word "golf" is derived from the Dutch "kolf," which means "club." Hence the bag of "club clubs."

Well, well, here's Junior Week again next week. Baseball game, Open House Night, Musical Concert, Inter-fraternity Sing, Circus Day, and the best of all, the Junior Formal. Pity the poor freshman who has only sixty-two calc problems per night.

The Engineer.

Inquiring Reporter

Question: Should freshmen at Armour wear green hats?

D. S. Manson, F. P. E., '34:
How should I know? I'm a stranger here—almost. I'm only a freshman and freshman never know anything.

R. J. Schofield, Ch. E., '33:
I don't think so. It would spoil the dignity of the school.

J. D. Fernbach, E. E., '33:
Sure! But why give the freshmen the distinction. What's the matter with the seniors?

C. A. Erickson, C. E., '32:
All freshmen under four feet and no inches in height should wear green caps.

A. J. Aukers, Ch. E., '31:
I don't believe so. In a school like Armour, there are not enough men to make a great deal of difference what class they belong to.

H. W. Goodman, E. E., '34:
Absolutely! It obviously would lend more color and spirit for a genuine collegiate atmosphere.

T. J. Westerberg, C. E., '32:
Sure! It would make Armour Tech appear more as a coed college.

A. I. Ch. E. Plans Annual Smoker

With plans for a smoker and frequent meetings to see moving pictures, the student Branch of the A. I. Ch. E. has been exceptionally active of late.

The annual Spring Smoker sponsored by the Armour Branch of the A. I. Ch. E. for the members of the chemical department will be held tomorrow evening at the Sigma Kappa Delta House, 3344 South Michigan Ave. As has been the custom in past years, the Freshman Chemicals have been invited to attend as well as all the members of the department faculty.

Dr. C. D. Lowry Jr., of the Universal Oil Products has promised to give his talk "Alchemical Abstracts" which has been given before many gatherings and which has made a name for him as a humorist.

Eats and smokes are being arranged for in huge quantities by the committee, of which H. J. Latham, is chairman. An unprecedented mob expected to attend the affair since the announcement that the storeroom trio, "Griff," "Bill," and "Harold" are going to turn out.

Two reels of film on the "Production of Turpentine" were shown last Friday before the student branch of the A. I. Ch. E. Mr. G. J. Underwood of the Hercules Powder Company gave a talk in conjunction with the showing, and also answered the varied questions which were prompted by the films.

Several reels of films depicting the manufacture of and use of explosives will be shown before the local chapter of the American Institute of Chemical Engineers on Fridays. The meeting is scheduled for the Physics Lecture Room at 10:30. The films are being supplied by the Hercules Powder Company.

Mechanicals to Visit Generating Station

Led by Professor Gebhart, the senior mechanicals will have a chance to visit the largest generating station of the Edison System next Thursday morning at 9:30.

This plant has many features that will interest the men from their own point of view. The mechanical problems presented by the construction of the six turbine units, ranging from 50,000 to 104,000 K. W., that are aggregated there, are numerous and involved enough for the most ardent mechanical.

Every section of the equipment, which has an installed capacity of 440,000 K. W. and also holds the world's record for the largest one day output of energy, is up to date in efficiency. The turbines are of the reheating-extraction type. Steam is supplied at pressure of 600 lbs. Condensed water from the Sanitary District Canal is raised to a temperature of 750 degrees F. by enormous boilers, which are stoker-fired. The electrical end of the installation handles 3-phase, 60 cycle, 12,800 volts current. This also entails intricate engineering problems. All about 45 million dollars.

Mr. Ormsby Explains Automatic Sprinkler

Members of the F. P. E. S. heard Mr. Ormsby speak at a meeting of the society Friday, May 8. Mr. Ormsby previously spoke on automatic sprinkler installation and on this occasion gave a digest of alarm and signal installations.

According to best practices of fire protection engineers, proper supervision is necessary to provide for consistent and competent watchmen's service. Watchmen perform duties of varying nature but their chief duty is to detect fires and take the necessary steps when such a situation arises. Men of middle age are usually employed by companies but their efficiency is doubtful in some cases which makes more definite protection necessary. For this reason either a central system or a proprietors system can be installed the former, which makes use of a reliable outside agency and the latter which utilizes the plant employees as the protection agency. Alarm devices are installed to detect closing of any important valves on the sprinkler system or to detect freezing of systems or other mechanical trouble. The service has a very favorable record, Mr. Ormsby said and oftentimes, when a sprinkler system is too expensive to be contemplated, the cheaper protection service can be used with a high degree of satisfaction.

President Wilde of the society announced that new men may secure their shingles from him.

Eta Kappa Nu Elects Next Year's Officers

At a meeting held in its rooms last Friday, Eta Kappa Nu, honorary electrical engineering fraternity, elected officers for the following year. Morton Fagen will succeed William Drigot as president of the local chapter. The other positions are to be filled by the following men: G. L. Bonvallet, vice-president; T. A. McGill, treasurer; M. J. Schinke, Bridge correspondent; Werner Krahl, recording secretary; V. J. Minnick, corresponding secretary. In order that the new officers be benefited by the experience of the graduating members, they are to take control immediately.

A theater party in honor of the senior members of Eta Kappa Nu is to be held in a few weeks. Final plans for this affair were arranged at the meeting. A proposal for regular formal meetings was voted upon, with the result that these may be incorporated in fraternity activities next year. Further business included a discussion of the coming national convention at Cornell University.

Senior Chemicals on Trip See Coke Plant

Professor Bentley accompanied the senior students in chemical engineering through several plants of the Youngstown Sheet and Tube Company last Wednesday.

The trip was made primarily to visit the coke plant, but a side trip was made in an effort to see Bessemer converters in operation. The converters were shut down because production has been curtailed, and the chemicals again failed in an attempt to see this converter steel made.

About ten more inspection trips are scheduled for the senior chems and it is expected that the remaining weeks will satiate the appetite of even the most ardent traveler.

Dean's Office Has Many Lost Articles

Following is a list of lost articles in the Dean's office which can be claimed by the owners by proper identification.

- Goodwin's—Precision of Measurements, L. G. Alexander.
- Notebook—C. H. Sachs.
- Notebook—J. Vondrak.
- College Algebra—J. R. Bednarik.
- College Algebra—G. A. Marberg.
- Johnson-Bryan-Turneaure —Modern Framed Structure Vol. I—M. Christensen.
- Breed and Hosmer —Elementary Surveying—K. Myers.
- French-Engineering Drawing—F. Lowry.
- Wolfe—Graphical Analysis.

ARX NEWS

Where—In the club room of the Art Institute. When—May the twenty-ninth. The orchestra—Ted Cherwin and his frivolous, captivating musicians. What? My goodness, don't you know? Why the freshman architects are running a big dance, (not in amount for it's limited to forty couples) and it is to be the climax of the season. Boy—have these freshman archs got pep and spirit? Well, we should say they have.

The prisoners (in real life the seniors) have turned in their designs for an "Island Prison" and many of them are now speeding on their way to New York. (Not the seniors, the drawings). Local judgment was held on them Tuesday, but alas the jury must have just purchased themselves a nice new shiny red pencil for the successful grades were few and far between. The only medal which was a 2nd Medal, was given to Tom Carter. This boy Tom has an unusual knack of rating it seems.

If you glanced in the Metropolitan section last Sunday, the third, which you probably did; and you saw the picture of Dave Chapman and Charley Goldman looking at you, which you probably did; and now you read this and you think we're boasting, you're probably right. But how can we help it, we are proud. Anyhow, save the picture; you might boast about it someday.

Open House Night To Be Held Monday

(Continued from page 1)
tours, as well as to speak to parents about their sons, the entire faculty will be available. The students working on the various exhibits will also be glad to answer questions and make things more comprehensive to the strangers.

Students are asked to bring parents and friends to the exhibit. A large crowd is expected to be present in as much as an attendance of two thousand, people has not been uncommon in the past few years. Bulletins advertising the exhibit have been sent to various educational institutions in the vicinity, and to students seeking admission to Armour next year.

The electricals are planning a spectacular show, featuring the Testa coil, which is being enlarged. A spark seven and one half feet long is expected to be obtained with a potential of 500,000 volts. Last year the five foot spark from the coil gave the spectators quite a thrill.

Other displays in the Electrical Department will demonstrate the use of old and new types of telephones, photo-electric cells, television, and some of the more recent developments in the field. Every precaution will be taken to make the displays carrying high voltages safe for overcurious visitors.

In the Organic and Quantitative laboratory extra lighting is being installed, and apparatus is being made absolutely ship-shape. The experiments, each of which is to be different, will be explained by signs. The organic products which have been made in the last semester will be on display, since they represent the results of the entire laboratory work.

It is rumored that several ambitious electricals are making an organ out of an electric oscillator, to attract the crowds. In case it is necessary to clear the buildings in a short time, the sophomore chemicals promise to have available sufficient amounts of carbonylamine and other tear gases.

F. P. E. S. Smoker Will Be at Phi Kap House

There will be a Fire Protection Engineering Society smoker at the Phi Kappa Sigma fraternity house this Wednesday, May 13, at 8 p. m. As has been the custom in the past, an evening loaded with smoke, eats and gambling games will be "on tap". Men of F. P. E. fame as Smoky Rogers have been present in past years and will undoubtedly be there tomorrow. Professors Finnegan and Holmes will attend also.

Roy V. Wright Addresses Men On 'Opportunity'

"The Engineer's Opportunity" was the title of an address given to Armour students at an assembly held Wednesday, May 6, by Roy V. Wright, who is president of the A. S. M. E. and editor of the Railroad Age. He is a prominent engineer and his talk was of great value to the embryo engineers. He gave the following accepted definition of engineering: "Engineering is the science of controlling the forces and utilizing the materials of nature, and directing the human activities in connection with these processes."

Mr. Wright mentioned that great demand was being made for engineers as executives. City managers are almost exclusively engineers and a need for this type of man has become felt for other high positions. Engineers have a large field in salesmanship. Firms realize the value of sending a trained man to discuss their product and problems connected with its use, with the prospective customer.

The intelligent use of an engineering society was also discussed. The contacts obtained by this means are invaluable, especially with the older men in the field whose encouragement means much to the young engineers.

"There is an art," stated Mr. Wright, "to conducting a good meeting." This art may be acquired through the student branch of an engineering society. One of the most vital things to be obtained from such meetings is ability to express ideas clearly and concisely. Self expression is of tremendous importance to the engineer. The successful man is the one who can produce the facts; also engineers may have the facts but they have to "tell the world about it."

The publications of the various societies are criticized because much of the information contained may not be of interest to a man in some particular field. To the intelligent reader, these magazines should indicate the trend of the times. For example, work is being done at the present time to determine the status of the engineer, which is comparatively a new profession and its place in society is not yet completely determined.

Dr. Davis of Stevens Institute said that the engineer of the nineteenth century provided the materials and built the machinery, whereas the engineer of the twentieth century continues this work but his greatest efforts will be in "Humanities." Dealing with people forms the greatest part of his work. Mr. Wright closed his talk by reminding the engineers of the words of Einstein who cautioned that in our work in science we must not forget humanity.

The orchestra offered several numbers and were complimented on them by Mr. Wright. After thanking the speakers for his splendid address, President Raymond urged the students to bring their parents and friends to Open House Night which will be held May 22.

Professor Bentley Elected Treasurer

Professor W. J. Bentley of the Chemical Engineering department has been elected treasurer of the Chicago Section of the American Chemical Society. He formerly was chairman of the House Committee of the local section. Dr. B. Schaar of the Schaar Chemical Company was elected chairman of the section for the coming year.

Professor Bentley recently was elected to another important office in a local chemical society; that of vice-president of the Chemists' Club.

TRUSS CLUB

The Truss Club announces the officers for the next collegiate year. President C. Lane
Vice-president W. L. Jost
Secretary A. N. Tibbits
Treasurer T. P. Ladinzinski
Historian D. A. Koch
Plans have been completed for the annual alumni dance on May 16 to be held at Hotel St. Clair.

REVIEWS

THIS THING CALLED BROADCASTING

by
Goldsmith and Lescarboursa

Not one of you but at some time or another has wondered at the inner workings of the organization that presents the radio programs that are spread over the entire country by means of telephone wires and then by the radio to every home in every town that possesses a radio receiving set.

"This Thing Called Broadcasting" is a popularly written, non-technical account of the rise of radio from its crudest beginnings as an experiment in the use of radio waves to transmit the human voice, to the modern status which it now occupies as one of the country's leading industries.

First of all this is a story that, while it puts a veritable encyclopaedia of information before the reader, is one that is pulsating with facetious humor, purple patches of eloquence and many anecdotes from the author's own experiences that gather into the narrative all its outlying connections from the earliest stages to its possible future.

There is not one of you who did not wish, at one time or another, to see the process that is used when a drama is presented, who did not wish to see the workings of the vast coordinated system that makes possible the broadcasting of events of national interest such as the inaugural address or major sporting events, or understand the affiliations between the national broadcasting companies and the individual stations that comprise the chain in the broadcasting of such inimitable features as Amos and Andy. All of these things are set down in such an entertaining way that one is hardly aware of the technical subjects that are being covered in the course of the story.

In short, "This Thing Called Broadcasting" presents the inside story of the evolution of broadcasting from a mere stunt into an art with its own unique technique most admirably told.

It is recommended that this book be read by anyone who listens to national or local features presented daily over our many stations as only with a full understanding of the inner complexities of the vast organization now necessary to present a program, can it be fully appreciated.
Raul Frye.

City Engineer Gayton Lectures on Bridges

That bridges have gone through a succession of evolutionary stages was vividly demonstrated by City Engineer Loren D. Gayton in an illustrated lecture given before the W. S. E. last Friday morning.

His color slides portrayed every imaginable type of bridge both of ancient and modern principle. Rope and stone bridges, cantilever swing, and bascule bridges were shown, while Mr. Gayton both described them in detail and related many interesting items concerning them.

Not the least to receive his attention were the various spans in Chicago. The Michigan Avenue bridge, he mentioned as being the busiest bridge in the world.

New Books

FICTION

Into the Void
Florence Converse

The Fool of the Family
Margaret Kennedy

Murder by the Clock
Rufus Kind

Mantrap
Sinclair Lewis

The Treasure House of Martin
Hews
E. P. Oppenheim

The Waters Under the Earth
Martha Ostenzo

All the Brave Rifles
Clarke Venable

Civils Anticipate Summer Session

For a certain group of Armourites, June 12, instead of being the conclusion of a year of hard work, will be but the beginning of another session of the same. Each summer about thirty men spend six weeks at practical work in a camp at Trout Lake, Wisconsin.

Under the direction of Professor M. B. Wells, the civil engineers and others undertake to survey minutely (using the necessary instruments) the general vicinity of the camp. Working eight hours per day, four on Saturday, in the short six weeks allotted them, the engineers succeed in measuring the distance and angle between every tree within the radius of five miles of camp. Roads are carved through thick forests and despite the hilly nature of the country, grades are ingeniously kept at a minimum. Each little creek and rivulet has a large number of bridges across it, ranging in type from the simple arch to the immense bascule. Of course, all these roads and bridges are only real on paper, but the practical work is received in measuring and surveying for the piers of the bridge, in calculating the size and shape of a dam across a valley and in laying a railroad a mile long. For satisfactory completion of the work a credit is given in Engineering Field Practice.

The party leaves the night of June 12 arriving at Trout Lake the next morning and serious work begins early Monday morning. The hours of labor are from 7:30 to 4:30 with an hour off for lunch at noon. The remainder of the time is spent swimming, fishing, hiking and at the weekly dances in State House, Wisconsin, nearby.

The camp fee is \$45 plus \$50 for board. The round trip fare to Trout Lake is \$19.

Information for benefit of some: first bell at 5:50 A. M.

Math Professors Go To Peoria Convention

On Friday and Saturday, May 1 and 2, the twelfth annual meeting of the Illinois Section of the Mathematical Association of America was held at Bradley Polytechnical Institute in Peoria. Professor Spencer, Prof. and Mrs. Teach, and Prof. and Mrs. Krathwohl and their son attended this annual convention of mathematics teachers from high schools and colleges all over Illinois.

An interesting talk on the "Reorganization of Freshman Mathematics" by Prof. Logsdon of the U. of C., and another on "A New Outlook on Teaching the Einstein Theory" by Dr. Louise Lange of Crane were given on Friday afternoon.

Friday night, a banquet was held. At the business meeting which followed, Professor Krathwohl was elected Vice-President for next year.

After the banquet, an illustrated lecture was given by Prof. MacMillan of the U. of C. on the subject "Stellar Systems." On Saturday morning, two more talks were given after which the convention was closed.

Bradley Polytech, where the convention was held, is a coeducational school of about the same size as Armour. It has only two years of technical school. It was the first school in the country to organize a school of Horology or watch making.

Campus Club Meets To Talk Over Plans

At a meeting of the Armour Tech Campus Club in the club quarters in Chapin Hall last Thursday May 7, the question of the annual banquet was entertained. After much discussion the idea was voted down and a plan for an outing this summer offered. Although no definite arrangements were made the suggestion appealed to several who are trying to put it over.

At the present time the club rooms are the scene of the school chess tournament, which is nearing its end at the present time.

A large Campus Club monogram, the work of the last ex-pledges was cast in bronze and now adorns the door of the club. It consists of the raised bronze lettering, A. T. C. C. on a black enamelled field.

FRATERNITY NOTES

RHO DELTA RHO

Rho Delta Rho announces the election of the following officers:
President—Theodore Cohan.
Vice-President—Edwin Goldstein.
Treasurer—Herman Meyer.
Recording Secretary—Sam Milevsky.

Corresponding Secretary—Ira Krowitz.

Sergeant-at-arms—Sidney Connell.
A tentative date for the annual dinner dance was set at May 23.

PHI KAPPA SIGMA

The annual Father and Son Banquet was held Friday, May 8, on the 38th floor of the Civic Opera Building. An inspection of the Chicago Lighting Institute display was followed by a talk of Bob Lorentz who told about how he traveled around the world on seventeen dollars. Following this a buffet supper was served. The large turnout of dads as well as sons indicated the popularity achieved by this yearly event.

TRIANGLE

A majority of the chapter attended the annual convention Banquet on May 2 at the Edgewater Beach Hotel.

Some of the brothers from other chapters who visited us during the last week are: Brothers Quigley and Rhodes of Ohio State; R. Mikulus and H. Seamons of Michigan; G. Arthur, H. Watson and C. Nichols of Minnesota; and E. Johnson of Kansas.

A Radio Dance was held at the house last Friday.

SIGMA KAPPA DELTA

Sigma Kappa Delta announces the pledging of Edwin Hassler, E.E. '32. John Kramer, F.P.E. of Toledo, Ohio paid us a visit last week.

An alumni banquet will be held in the Loop on the evening of May 27.

THETA XI

Alpha Gamma chapter held its annual formal at the St. Charles Country Club Saturday evening, May 9. A wonderful time was the expression given by the alumni and brothers who attended.

Brother Peas from Illinois was the most recent visitor.

DELTA TAU DELTA

Many of the alumni as well as the active members of the chapter enjoyed the annual Founder's Day Dance which was held at the house last Saturday Evening, May 9.

The house was appropriately decorated, while the music was by the Four Hungry Chefs.

Civils Are Taken for Ride Through Tunnel

A large group of senior and junior civils inspected the Chicago Avenue Tunnel last Monday at 2 o'clock. The faculty members present were Professors Stevens, Heald and Grafton.

After signing city accident waivers, the party was lowered two hundred feet below the lake level where a gasoline drawn "inspection freight" awaited them. Then the two mile ride under the lake began.

Much interest was shown in the construction processes, materials and machines evident on all sides. The tunnel is about 16 feet wide and about 24 feet high, the cross-section being a rectangle surmounted by a semi circular arch.

Chemicals Produce Synthetic Fog in Lab

The Daily "Smoker" held in the Organic Laboratory on the 4th floor each afternoon proved to be a miniature smoke screen Friday, May 1st. A dense fog permeated the atmosphere at the entrance, which attracted the attention of Frank Oster, Custodian of Armour Institute, who hastily sought to investigate the source of trouble. Upon entering not a person was visible, only a "pea soup" fog blanketed the laboratory. In due time a face appeared and Oster hastily apprehended him. This fellow had worked in fogs before and offered assistance.

After considerable grilling the culprits responsible for the dreary situation confessed. A few embryo engineers were performing quantitative experiments which reacted chemically with one another. A few beakers of ammonia and hydrochloric acid were boiling away merrily and their vapors reacted to form ammonium chloride, a fine white powder, which in large quantities in the air produced the aforesaid fog. In the future these chemicals hope to produce smokers on a larger scale and all are invited.

WHITE TROUSERS ORDERED

The white trousers which have been ordered for the members of the musical organizations will be given out Thursday. The exact time and place will be posted on the bulletin board. These pants—costing the students only \$3.75, must be paid for before they are given out.

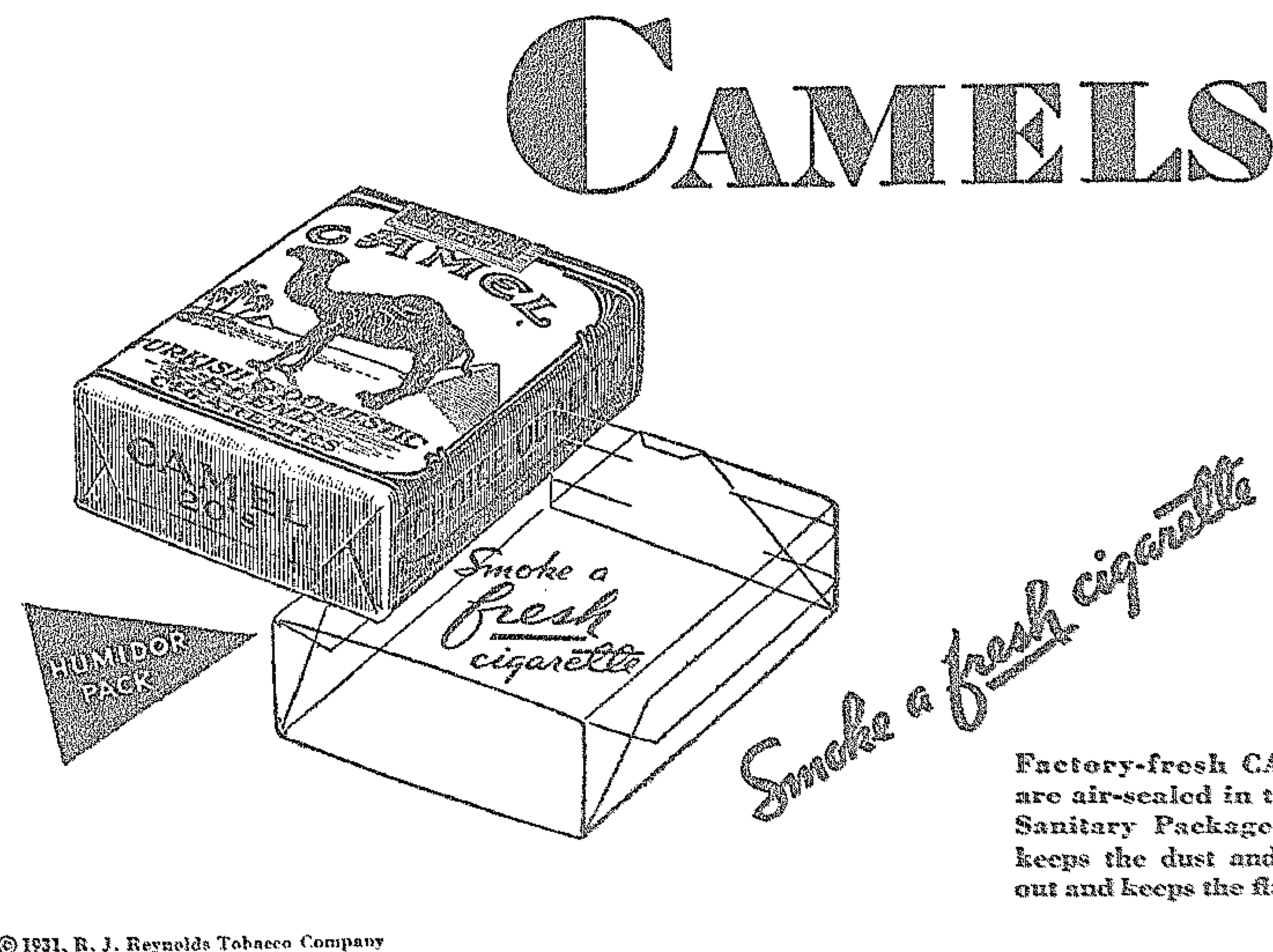
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