



Armour Tech News



Vol. XV No. 1

Armour Institute of Technology, Chicago, Illinois

Tuesday, February 19, 1935



By R. R. Johnson

NEVER IN THE world's history, has there been such widespread interest in world affairs as there is today. The questions of government, the rights of man, "social justice," world peace and many others, if they are not actually being thought about in the truest sense of the word, are at least in the minds of common men everywhere.

In the United States in particular, where there is so little restriction on the free interchange of ideas, we find nearly every man holding an opinion on nearly everything. Every old political or social scheme that has ever been thought of, and many new ones, appear to have their proponents.

ALL THIS SEEMS to point to the conclusion that we live in a greatly enlightened world, and when we consider the progress which Science has made in revealing the secrets of the universe, there can apparently be no doubt of it.

But there is one thing that, somehow, fails to fit into the picture; that is the very tenacity with which men hold to their opinions. Every one has his ideas, and every one is sure that his and his alone are right! How can they be so certain?

IN THE FIRST place, it seems to me that in almost anything, the very fact that other people held different ideas from one's own would cause at least a little less certainty. To be only slightly considerate of the beliefs of others hardly seems to require an inferiority complex.

Many, it is true, take a tolerant attitude; "Let him think as he will, as long as he doesn't interfere with me," they say. But may I humbly point out that the mere existence of ideas different from our own is an interference, for it allows at least a possibility that our own may be wrong.

CONSIDERING THE matter from another view point, we might remember that, since the beginning of time, the only thing that has been certain in the world is that everything will change. Ideas that once were scoffed at have come to be generally accepted, and, still later, to be scoffed at again.

That time can actually prove anyone right or wrong I am inclined to doubt, for the very standards of what is right and what is wrong, at least in regard to such matters as government, are lost in that same fog of varying opinions. But it certainly is true that there will come a time when what is most solid and established today will be no more.

ALL THIS MIGHT amount practical.
(Continued on page 5)

Select Best Reports in Business Problems

A study of the system of budget and production control, layout, and building construction of the Edison General Electric Appliance Company by C. R. Bristol, H. Cannon, T. G. DeLang, J. K. Morrison, E. N. Searl, D. E. Young, and H. J. Zibble was awarded the highest ranking of the term papers prepared in Business Problems.

Second place was won by L. A. Cullen, L. F. Higgins, W. M. Uzunaris, R. A. Varone, A. Petratis, and F. A. Wertzler who collaborated on a study of the placement and training of college graduates. H. A. Bisbee, L. C. Galbraith, and C. Handler won third ranking with a comprehensive study of unemployment insurance.

The authors of the above reports have generously placed them in possession of the Institute Library where they are available for reference with several other reports selected for their general interest.

Only Three Days Till Frosh Dance

Armour's social season of 1935 will be continued this Friday night, February 22, with the Freshman-Sophomore Engineer's Hop. The dance this year will be held in the Bal Tabarin of the Hotel Sherman, one of the finest ballrooms in the city, capable of accommodating over 375 couples. Dancing will be from 9:30 to 1:30.

Maurie Sherman to Play
Maurie Sherman, the singing-violinist, and his splendid orchestra are to play. They have been engaged in the College Inn for some time and may often be heard entertaining over the Columbia Broadcasting System. The orchestra features the singing of Joe Plodtke, whose unusual type of singing has made him an outstanding favorite in the entertainment world. Also entertaining the dancers will be Kay Telan, assisting the musicians with her distinctive voice. There is no doubt that the rhythmic and beautiful music will please everyone. In addition to the fine dance music, the College Inn floor show will present their excellent program.

Committees Work Hard
Stanley Healy, freshman social chairman, and Oreste Tomei, sophomore chairman, with the assistance of their committees, have been instrumental in arranging this brilliant event.

The members of the freshman committee are W. Chelgren, H. Downing, M. Hodes, F. Roder, and G. Stober. The sophomore committee consists of R. Bacci, F. Davidson, D. Forberg, G. Starnacci, and I. Thunder. These ten men have worked hard under the direction of the chairmen to make the affair a success.

Bids for the dance, which will sell for \$2, should be obtained as soon as possible in order that the seating arrangements for the tables, which will all be reserved, can be definitely completed. The novel and interesting features of the affair, one of the finest in the history of Armour, will all go toward making the dance a great success.

Many New Students In Second Semester

Reports from the office of the registrar, Mr. Kelly, indicate a larger number of new students than was anticipated. The greater proportion of new registrants were freshmen, though a few were upperclassmen. As new students are still being enrolled, exact figures as to the enrollment are not available, but the approximate number of students is 760, of which forty are new men.

Students sign up at the office of Mr. Kelly. He then sends the list to the treasurer, Mr. Allison, who holds the cashier's office responsible for tuition fees for that number of students. The cashier's office must then account for each new student. In this way an accurate check is made.

Faculty Club Elects Freeman President

Professor E. H. Freeman was elected at the close of last semester to head the faculty club for the coming year. The meeting, which was held in the club rooms, was presided over by Professor John Schommer. The complete list of officers for the coming year is as follows: Professors E. H. Freeman, president; J. F. Mangold, first vice-president; W. A. Spencer, second vice-president; W. B. Locking, secretary; and J. S. Thompson, treasurer. The former comptroller of the Institute, Mr. F. U. Smith, was elected honorary president.

The nominating committee was composed of Professors J. B. Finnegan, D. E. Richardson, D. Roesch (chairman), S. M. Spears, and C. A. Tibbals.

Chemalumn Chosen for Junior Chemicals

Last Friday the junior chemicals finally adopted a name for their organization. Of the five names submitted, "Chemalumn," by H. P. Milleville, was chosen. A free bid to the party held last Saturday, was given as a reward for his efforts.

ARMOUR STUDENTS TO HEAR TALK BY PRESTON BRADLEY

Assembly Thursday Is Result of Seniors' Request

MEETING AT 10:30

Next Thursday, Armour students will be privileged to hear Dr. Preston Bradley, the man who three years ago gave, in the opinion of Dean Heald and many seniors, the finest Washington's birthday address in the history of Armour. In fact, it was at the specific request of these many seniors that Dean Heald invited Dr. Bradley to speak. The assembly will occur Thursday morning, February 21, at 10:30.

Educated in Michigan
Dr. Preston Bradley has been pastor of the Peoples' Church since 1912. He was born of farmer parents in 1888, and was raised in Michigan. He attended Alma (Michigan) College for one year, and studied law for the remaining three years at Flint, Michigan, finally taking his degree as Doctor of Civil Law at the University of Chicago.

Dr. Bradley married in 1915. He has been a member of the Board of Directors of the Chicago Public Library since June, 1925; he is a member of the Illinois State Teachers College and Normal School Boards; a life member of the Art Institute of Chicago; and a member of the Isaac Walton League of America, of which he was president in 1930.

Traveler and Lecturer
Dr. Bradley is also a member of the Drama League of America, Phi Pi Alpha (Alma) and Pi Gamma Mu; he is a noted historian, very excellent lecturer, and a famous traveller, being a member of the Adventurers Club of America; and above all, he is very human and interesting.

While Dr. Bradley's address will be the principal feature of the program, the musical clubs will also participate. Members of the musical clubs will be excused from classes at 10:00 a. m.

Players Go Feminine in "Dress Reversal"

Necessary arrangements for the "Dress Reversal," which is slated to be presented on February 28, are well under way. The play is a farce concerning the production of a mystery play and disclosing the trials and 'trivialations' of a group of amateur actors during rehearsals. Half of the comedy in the play will be due to the players trying to impersonate females gracefully. A small charge of ten cents will be made to help defray some of the expenses.

"The Bear," which was also on the program, has been cancelled because of lack of time to prepare it. However, it will be presented at a later date.

Goodyear Interviews Armour Students Here

Mr. T. W. Prior, in charge of the Salary Personnel Department of the Goodyear Tire and Rubber Company, Akron, Ohio, interviewed ten Armour seniors here on Saturday, February 9. Six mechanicals and four chemicals were the ten whom Mr. Prior contacted from 9:30 to 12.

The group first heard a talk illustrated with pictures. In the talk Mr. Prior spoke of the Goodyear plants in different cities and the work done in one of these plants. As the story of Goodyear is almost entirely the story of the tire, the different processes involving the production of a tire were dwelt upon.

Later each senior was interviewed separately. The purpose of these interviews is to select men to enter Goodyear's training school for young men, called the "Flying Squadron." No result of the interviews was announced.

A.I.T. Represented at Alumni Council

A regional conference of the American Alumni Council, District V, was held at the U. of C. on February 1-2 in the Judson Court lounge, as a supplement to the national convention to be held in Washington, D. C. April 3-6.

The men and women who carry out the work of alumni associations at their respective schools were present at this two-day conference. Schools of Illinois, Indiana, Kentucky, Michigan, Minnesota, Ohio, West Virginia, and Wisconsin were represented. Armour Institute was represented by Professor D. P. Moreton, Professor John J. Schommer, and W. N. Setterberg.

The main topic of discussion for the first day was "Getting Them and Keeping Them," a problem of membership. The two common problems presented by alumni associations were getting correct information of members and collecting dues. It was suggested that unemployed graduates pursue these problems for fair remuneration. Other suggestions included alumni magazines, certificates of membership, and reduced prices for alumni interested in school activities.

A discussion on "Mouthpiece of the Association," meaning an alumni magazine, was the important event of the second day.

The American Alumni Council is of especial interest to college students, particularly those who are nearing the time of graduation. This organization promotes interest for college work and activity in the alumnus in both national and "alma-mater" alumni affairs. All alumni soon realize the advantages of such connections.

German Club to Hear Lecture on Duehring

Professor Hanns Fischer will deliver a lecture on Eugen Duehring, Germany's most versatile genius, Thursday at 10:30 in F Mission. Duehring, as well as Robert Mayer, were ridiculed and labeled insane in spite of the fact that many of Germany's leading scientists borrowed their ideas from them. This lecture will be in English, and will replace the activities of the German Club for the hour. The members of the German club are ordinarily required to converse in German.

Professor Fischer owns most of Duehring's books. These books are not allowed to be printed and are worth from twenty to thirty dollars per copy.

On January 27, the German Kaiser's birthday, Professor Fischer spoke before the congregation of St. Paul's Church. Professor G. L. Scherger had invited him to tell of his participation in the late war and the revolution which followed. Over 300 people attended the lecture.

Musical Clubs Have Full Schedule Planned

After a short timely rest, the Armour Tech Musical Clubs will again resume their activities in and out of the Institute. A few numbers will be rendered at the assembly on February 21 and this will be followed by an engagement at Park Ridge the next day where only a few of the group will take part. There are also concerts scheduled for March 8 and 22, and April 6. The final arrangements are not completed as yet but will be announced in a short time.

Lost Articles Vary from Soup to Nuts

A number of lost articles remain unclaimed in the office of the registrar, among them a book, the owner of which has posted on the bulletin board a notice asking its return. He has, however, neglected to inquire for it in the office.

The list of articles follows: one text "Economic Behaviour," one gray hat, one pipe, two and one half pairs of gloves, one cap, five assorted notebooks, and one celluloid triangle.

NEW STAFF SELECTIONS ON ARMOUR TECH NEWS ANNOUNCED AT BANQUET

Johnson is New Editor-in-chief; Cotterman Managing Editor; Larson and Du Sell Complete Managing Board

STAFF ASSUMES NEW DUTIES AT ONCE

A meeting for all freshmen and sophomores who wish to work on either the editorial, sports, or business staffs of the Armour Tech News will be held in the office, fourth entrance Chapin, at 12:30 Tuesday.

Heald Chosen as Committee Head

Dean H. T. Heald of Armour Institute of Technology has accepted the chairmanship of the Publication Committee of the Western Society of Engineers. This committee consists of ten engineers, representative in their field, who supervise the publication of the society's monthly journal and the weekly news bulletin.

Next Thursday, February 21, the Junior Society will hold their weekly meeting in the Engineering building. The speaker will be C. L. Perkins, editor and publisher of "Real Estate." His subject will be "Creating Work for the Engineers."

Many of the engineers who are now unemployed feel that they must continue to tread the narrow path that they have started upon. Mr. Perkins is aware of the problems that face these men and is ready to indicate directions which offer outlets for the utilization of an engineer's valuable assets.

A. S. M. E. Will Select Convention Delegate

Members of the Armour Branch of the A. S. M. E. who attend the annual smoker to be held within the next few weeks will be entertained by three fifteen-minute talks on engineering subjects. The speakers, W. W. Henning, A. M. Lane, and H. L. Mayerowicz, were selected at an election Friday on the basis of short talks which they have presented during the past semester. The best one of the speakers at the smoker will then represent the Armour branch at a contest which is part of the Annual A. S. M. E. convention on April 27.

At the last meeting of the society it was announced that a "Handbook of Chemistry and Physics," donated by Professor Roesch, will be awarded to the student showing the greatest activity in the A. S. M. E. during the year. Plans for an inspection trip to the Milwaukee plants of the A. O. Smith Manufacturing Co. and the Allis Chalmers Co. were also discussed.

Science Department Receives New Name

Some students noticing a new program schedule in the foyer of the Main Building headed, "Engineering Science," have wondered if a new department had been formed at Armour. Professor Paul cleared up the matter by announcing that the department of Science will hereafter be known as the department of Engineering Science. The change in name was made in order to make the true purpose of the course more apparent. Since the courses offered are applied and not pure science, the name "Science" was misleading. Professor Paul said the object of the Engineering Science course is to give the student a broader training in the basic subjects upon which the engineering profession is founded. General science and engineering electives will be given as before in the fourth year.

Heading the newly selected staff of the Armour Tech News, announced at a banquet of that publication last Wednesday evening, is a managing board made up of Russell R. Johnson, editor-in-chief; Frank D. Cotterman, managing editor; John O. Larson, sports editor; and Cyril L. DuSell, business manager. This managing board will establish the general policies of the News during their one year term. Other major appointments announced at this time were Roy S. Kercher, news editor and Gordon A. Zwissler, copy editor.

New Men Experienced

Russell R. Johnson, who succeeds Edwin N. Searl as editor-in-chief of the News, has worked on the newspaper for the past two years, functioning most recently as assistant news editor. Johnson, a junior in the civil engineering department, is a member of Chi Epsilon and Sphinx, honorary organizations.

Frank D. Cotterman, replacing Richard D. Armsbury as managing editor, has also had two years experience on the staff of the publication, working with Johnson as assistant news editor. Cotterman is a member of Pi Tau Sigma and Sphinx honoraries, is active on the staff of the Armour Engineer, and is secretary of the junior class.

The new sports editor, John O. Larson, has for the past semester been serving as assistant sports editor under William B. Ahern, whose position he now fills. Previous to this, he had a year's experience as a sports reporter. Larson is a member of Tau Beta Pi, a former president of his class, a letterman in wrestling, and was active in the promotion of the intramural baseball and football tournaments held during the past year.

Du Sell Heads Business Staff
Cyril L. DuSell, who heads the business staff for the coming year, has been advertising manager of the News during the past semester, assisting Robert J. White who has been business manager. Previous to this, DuSell had a semester's experience on the business staff and a semester's experience as a news reporter.

The gathering of news and general make-up work will be supervised by Roy S. Kercher, who succeeds Leroy J. Beckman as news editor. Kercher's department will include John J. Doudera and Myron B. Stevens as make-up editors and Norton Gerber
(Continued on page 3)

Plan for Filter Plant Discussed by W. S. E.

Juniors and seniors who are members of the Western Society of Engineers are requested to attend the next meeting Friday at 10:30, February 22, in C Mission. General business and future plans as to speakers and feature meetings will be discussed.

At the meeting last Friday, Mr. L. D. Gayton spoke on the proposed water filtration plant for the city of Chicago. He began with a brief history of the present water supply which includes six cribs. Under the present system the water is purified by chlorine. The pollution of the lake is the result of untreated sewage which comes from the nearby cities of Illinois and Indiana. The installation of filter equipment would clean this system thoroughly without the use of chlorine. The germs would be removed by the attraction of some chemical corpuscular substance; those which are not caught would be trapped in a sand bed filter. This will give the city of Chicago water that is pure.

Armour Tech News

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Farewell

With this issue of the *Armour Tech News*, a new staff takes over the publication of the newspaper. The men who have directed its activities during the past year have no longer any direct connection with the job of getting it off the press, but in a sense their connection with the paper has not been broken, nor has that of the men who have gone before them. On the contrary, for the *News* today is what they made it, and every one of them has made his contribution.

Since its modest beginnings seven years ago, the *News* has steadily improved, and it has been the privilege of the new managing board to see it under the guidance of two groups whose contributions are among the greatest of all.

If the *News*, in the next year, improves as much as it has in the last, we will be able to retire conscious of having done a good job.

At any rate, we look forward to a pleasant year, for our staff of assistants is certainly one of the best. We are fully prepared to believe the statement of the retiring editor, made at the banquet, that when our year is up, we'll be sorry to leave.

Assembly

Perhaps the greatest of the features of a busy week for Armour will be the annual Washington's Birthday address next Thursday by Dr. Preston Bradley. Everyone who knows anything of Dr. Bradley, and in particular those who heard his address here three years ago, anticipates one of the most enjoyable meetings of the year.

We confidently expect that Armour will enjoy Dr. Bradley's talk, and will show him every courtesy in appreciation of his being present.

Finale!

Closing one of the most successful seasons they have had in many years, the Armour basketball team will play Indiana State Teachers on the home court next Friday. The game will start at 8 P. M., and the freshman-sophomore dance is scheduled to begin about an hour and a half later, so the team may hope to be cheered on to a victory by not only all of the Armour men, but their young lady friends as well.

Both the game and the dance promise very well for an evening's entertainment, and we trust that full advantage will be taken of both.

"The Slipstick"

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

Well, well, here 'tis just 'nother semester.

HEARD IN S. S.,
"What would you suggest to help bring a return of prosperity?"
"The horse, sir, bring back the horse and the country will soon be stabilized."

"What's wrong, Henry?" asked his mother.
"My razor," boomed the voice from within the bathroom. "It doesn't cut at all."
"Don't be silly. Your beard can't be tougher than the linoleum!"

Two girl attendants at the cigar counter were discussing their last customer.
"Did that tall, handsome travelling man that you were talking to over there in the corner take a Times?"
"Naw, he didn't buy a Times but he took a lot of Liberties."

The rain it poured,
The sea it roared,
The sea was draped in black.
The old ship rolled,
She pitched and bowled
And lost her charted track.
"Oh dear, oh dear!
Sir, will it clear?"
Loud wailed a dame on deck.
As he heaved the lead
The skipper said:
"It always has, by heck."

A tombstone in an English village cemetery has the following epitaph:

"Here lies a miser who lived for himself,
And cared for nothing but gathering pelf,
Now, where he is or how he fares,
Nobody knows and nobody cares."

THEY SAY

THAT—It is dangerous to drive in a fog, especially if it is mental.
THAT—It would be better for the times, if some of the "Yes" men were bank cashiers.
THAT—A diplomat is a man who convinces his wife that a woman looks stout in a fur coat.
THAT—Golf is about the only thing that depreciates above par.
THAT—The pedestrian is the one who needs automobile insurance.
THAT—Love at first sight is possible, but it is always well to wipe off the spectacles and take a second look.
THAT—Screening a Motion Picture doesn't take the trash out.
THAT—Perfect poise is not looking self-conscious in a rumble seat.
THAT—Competition may be the life of trade, but it is the death of profit.
THAT—The man who tried his hand at something and failed might try his head for a change.
THAT—You can't keep a good golfer downtown.

SO THEY SAY!

A boy in college, being in need of negotiable funds, sent his father the following letter:
"Roses are red, violets are blue
Send me ten dollars, and I'll owe you."
In a few days he received the following reply:
"Roses are red, roses are pink
Enclosed find ten dollars, I don't think."

Stenographer: "Your little girl wants to kiss you over the telephone."
Busy Manager: "Take the message. I'll get it from you later."

Jimmy (smart boy): "Let's play Adam and Eve."
Johnny: "How do we do that?"
Jimmy: "You tempt me to eat your apple, and I do."

"College certainly has made my son over."
"I suppose you can hardly recognize him."
"No, he hardly recognizes me."

Student in E. E. 415: "Prof. Nash, I could work the problems for today."

Prof. Nash: "Yes, I know! You couldn't work them alone, so you grouped up and tried to work them. Then you went to a junior E. E. and he hadn't had the material, and a senior E. E. couldn't be expected to be able to work them."

A professor was delivering an address before a group of business men. At its conclusion a manufacturer joined issue with him.
"Science is of no benefit to me," he insisted.
"What is your business?"
"I manufacture suspenders."
"And where would your business be," the next question, "if the law of gravity was suspended?"

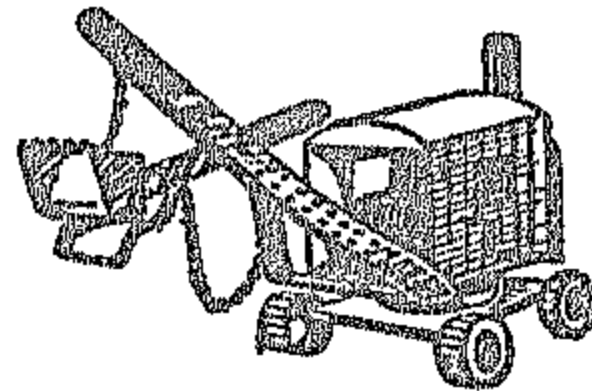
He lost the game;
No matter for that—
He kept his temper,
He swung his hat
And cheered the winners—
A better way,
Than to lose his temper
And win the day.

Library Collection Swelled by Gifts

Since September 1, 1934, the Armour Institute of Technology Library has received 162 books as gifts from faculty members, students, and friends. In expressing appreciation for these gifts, Miss Steele, the librarian, said, "Each year we are indebted to the members of the faculty who give us the publications of their professional societies."

Some of the books that were received from faculty members are: six titles in economics from Professor Dutton; "Anthony Adverse" by Hervey Allen from Dean Heald; several titles in the field of mathematics from Professor Krathwohl; "America's Tragedy" by J. T. Adams and "Forty-two Years in the White House" by I. H. Hoover from Professor Lockling. Volumes of publications from professional societies, many of them completing some incomplete service in the library collection, and miscellaneous volumes of fiction were donated by Professor Penn. Several volumes of periodicals also came from Professor Roesch. A student in the Evening session, Mr. Norman Sauter, donated several volumes of "Times." friends are numerous. The Gillette sent recently to the library by friends are numerous. The Gillette Publishing Company was the donor of 25 volumes in the civil engineering field, and Mrs. Joseph Trudelle furnished six titles in psychology, biology, and chemistry. Mr. John M. Humiston presented the library with miscellaneous periodicals, part of which were the early numbers of the American Telephone and Telegraph Company publications that were of great value in completing the library collection.

THE STEAM SHOVEL



For the past administration—including us—this is the swan song. And if in the past we've committed any offenses (unintentional)..... excuse it, please! About the identity of "us".....well, if you know the open secret, you just know it, that's all; and if you don't know it, you're sure enough not missing much! To those fellows—and ladies—who've been the fodder and dirt for our Steam Shovel we wish a lot of good luck; and to those fellows who've had the good luck to avoid our unsolicited publicity....we wish continued good luck....And now—take it away, pal!

This may be old news by now, but then maybe old news is like old cheese.... Well anyway, it seems that on a recent trip of the basketball team JULIAN (LOVE AND KISSES) O'LEVY of the Basketballists' fightin' Irish trio of O'BRIEN, O'LEVY, and O'CONNELL cemented himself solid with a certain farmers daughter by the name of MARGARET MURPHY—or someth'n. All of which proves that when two "weavers of the green" meet....well, nature takes its course!

And Al (Lugan) Lauchiskis demonstrated beyond a doubt that most of his 200 lbs. or so is composed of high quality sponge....when he soaked in five malteds, two banana splits, and a chocolate soda—all in the space of two hours!!

What's this we hear about RAILROAD BILL GRAY drawing pictures again?

To Hold Meeting of Chicago Physics Club

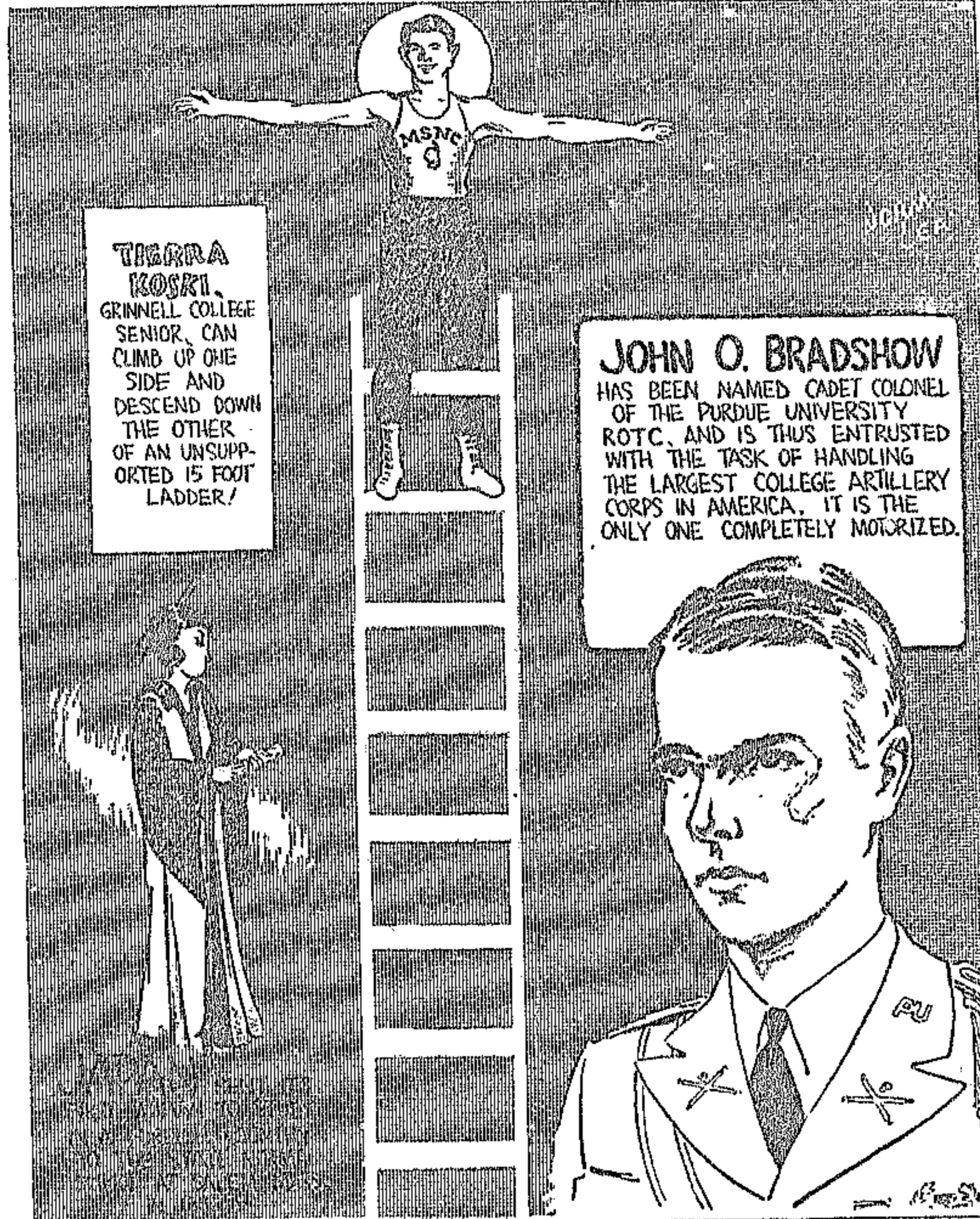
The fifth regular meeting of the Physics Club of Chicago will be held today at 7 P. M. in the Engineering auditorium, 205 West Wacker Drive. The club is composed of teachers or physics and men interested in the applications of Physics to modern industry.

The speaker of the evening will be Mr. Willis H. Carrier, chief engineer of the Carrier Engineering Corporation. Mr. Carrier was awarded the medal of the American Society of Mechanical Engineers in 1934 in recognition of his pioneer work in the field of Air Conditioning which will be the subject for his address.

Armour students who are interested in attending should see Professor Thompson. Only limited space is available and must be reserved in advance.

There will be lectures on Cosmic Rays, Physics, and Public Education at future meetings of the club.

CAMPUS ALBUM



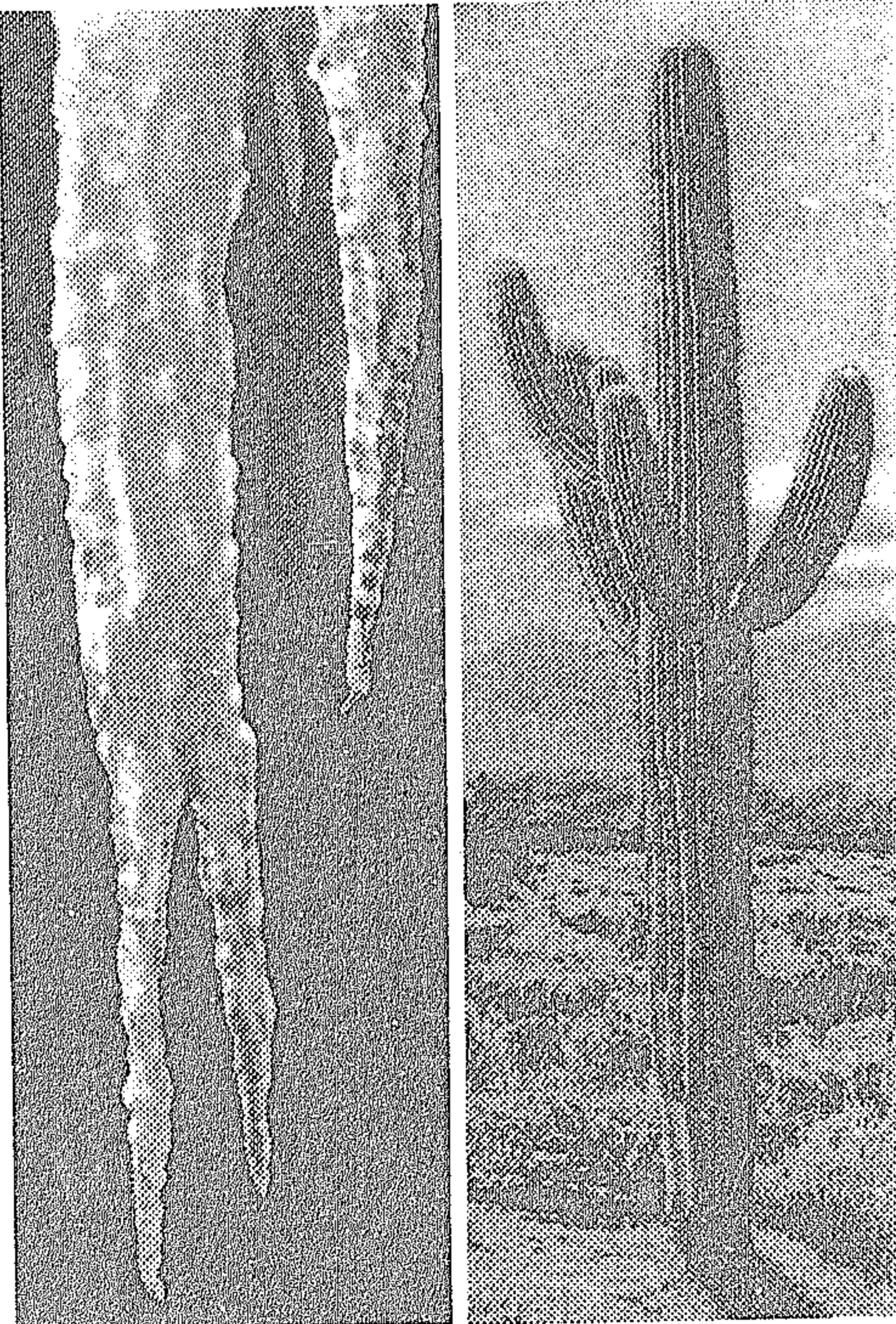
THOMAS KOSKI, GRINNELL COLLEGE SENIOR, CAN CLIMB UP ONE SIDE AND DESCEND DOWN THE OTHER OF AN UNSUPPORTED 15 FOOT LADDER!

JOHN O. BRADSHAW HAS BEEN NAMED CADET COLONEL OF THE PURDUE UNIVERSITY ROTC. AND IS THUS ENTRUSTED WITH THE TASK OF HANDLING THE LARGEST COLLEGE ARTILLERY CORPS IN AMERICA. IT IS THE ONLY ONE COMPLETELY MOTORIZED.

Through the assistance of Professor Fischer, instructor in the French and German languages at Armour, the library has also secured two French and two German publications; namely, "Art-Industrie", "L'Art e Les Artistes", "Technik fur Alle", and "Wissen und Fortschritt". It is expected that the foreign language

students will find these magazines and the several books in these languages that are now available in the library, of especial value in training them, and in broadening their knowledge.

Last semester, a library copy of McAdam's "Heat Transmission" was lost by one of the junior or senior chemical students. Realizing the value of this book, the junior chemical students have subscribed ten cents each which sum will be supplemented with money from the treasury of the Junior Chemical Organization to allow the purchase of a new book. This book will then be donated to the library.



The Telephone "can take it!"

Your telephone must work 24 hours a day. It must be immune to icy blasts of the frozen north—dry burning heat of the desert—heavy, humid atmosphere of swamp lands.

And it is. For Western Electric—manufacturing unit of the Bell System—sees to it that telephones, switchboards and cable are prepared for life anywhere. Through long experience and rigorous testing, telephone engineers have learned how to make apparatus which is not adversely affected by the whims of climate.

Through pioneering and producing such improved apparatus, Western Electric contributes to the year 'round reliability of your Bell Telephone service.



BELL TELEPHONE SYSTEM

HOTCHKISS SPEAKS AT AUSTIN HIGH ON MODERN PROBLEMS

Engineering Progress in Last Fifty Years Outlined

COURSES CHANGED

"You who have had the advantage of so-called technical or vocational courses: I urge you not to think of yourself as having studied something that will merely help earn your living. Think of yourselves rather as having had a valuable opportunity to cultivate your brains and your muscles to act in unison, and as having participated in something which is an outstanding phase of our civilization."

"And you who have pursued literary and scientific courses, should for your own enlightenment, carry your interest beyond the switch and the dial of your radio, and the accelerator of your car, and give some thought about how these things came to be, and what it means to you, both in opportunity and responsibility, to live in such an age as ours."

These were the closing words of a Commencement Address presented at the Austin High School graduation exercises by Dr. Willard E. Hotchkiss, President of Armour Institute of Technology, on February 1 of this year.

Reviews Developments

In the address, Dr. Hotchkiss reviewed the engineering and scientific developments from the time of the Columbian Exposition in 1893 until now, and how these developments took the country out of a business depression second in extent only to the one we have now been passing through. He looked toward the possibility of science and engineering removing us completely out of this depression.

It was stressed throughout the speech that formerly the engineer considered it sufficient to develop and manufacture his inventions. As a result, the external lives of people have been changed rapidly as they accepted and used these inventions. This rapid change of comforts and conveniences was not accompanied by a similar change in human relations, in employment, education, and recreation. In the future the duty of the engineer is to take cognizance of this fact and develop his social activity as carefully as he does his machinery. It will be necessary to educate humanity in the proper use of any new contrivances before they can be successfully marketed.

Illustrations From Modern Life

It is necessary to educate the engineer in government, business administration, and the fundamentals of social activity. Steps are now being taken in that direction by our colleges.

The high school or college graduate faces discouragement at every corner, but upon him rests the security of the future. It is his duty to prepare to assume responsible duties as a citizen.

In his talk Dr. Hotchkiss gave illustrations from modern life. He spoke in particular of the significance of having an outstanding engineer like Arthur Morgan direct the Tennessee Valley Development regardless of what the outcome might be. He cited the government's employment of engineers in solving the present and future housing problem.

Engineering plays a large part in the simplest kind of community, and a technical education is one of the best forms of preparation for a future citizen. The engineers of tomorrow will need all of the ingenuity and skill that engineers of the past have had. In addition to practical shop training, the engineer will need a keen sense of the place engineering occupies in modern living, and, "he cannot be a good citizen unless he recognizes that his special knowledge and skill carry a peculiar responsibility for service to his community and his country."

Alumnus Named Best Citizen of Memphis

Ben B. Coffey, Jr., an Armour graduate of the class of 1926 in the F. P. E. department, was nominated as the outstanding citizen of Memphis, Tennessee, for the year 1934 by the Lions Club in the annual contest sponsored by the Memphis Junior Chamber of Commerce.

Math Club to Elect Officers at Meeting

With the start of the new semester the Math Club plans to elect its officers and prepare for a busy season. This will take place at the next meeting, to be held at 10:30 Friday in Science Hall.

Besides the election a paper on "The Origin of Calculus" will be given by Roy Kercher. The material will be presented so that it will be intelligible to the entire student body. It will show those who haven't taken the subject what it is about, and those who have taken the subject, how it came to be.

To give the program committee which is to be elected a start, two papers have already been planned. One is on "Harmonic Motion Analysis" by Arthur Bronwell, and the other is on "Nomographs."

New Professor Is Widely Experienced

Armour's new social science instructor, Arthur S. Hansen, is also a consulting actuary in Chicago. Mr. Hansen worked several years before taking up electrical engineering at Armour Institute and while he attended school.

Realizing the importance of a knowledge of engineering and business principles in his work, Mr. Hansen studied economics at Chicago and Northwestern universities after graduating from Armour in 1926. Since Mr. Hansen has an engineering background, he is able to present economics to the students from an engineer's point of view.

IN CONCERT



ALEXANDER KULPAK, who will take part in a recital next Sunday at the Lyon and Healy Concert Hall.

Armour Student Will Give Concert in Loop

Alexander Kulpak, an Armour student well known for his work in the musical clubs, will participate with Miss Marie Winarski in a recital of operatic, classical, and folk songs to be given in the Lyon and Healy concert hall next Sunday, February 24 at 3:00 p. m. The selections to be presented are many and varied, including a few to be presented in Ukrainian costume.

Tickets for the concert may be obtained at Armour from J. DeBoo. However, the total number available is only 350, and they are selling fast. Prices are 83 and 55 cents, tax included.

The girls at Smith college carry their books on their heads to correct their posture. It must be true that all learning goes to our heads.

New Staff Men Already at Work

(Continued from page 1)
and Fred Leason as assignment editors. The news reporters will work directly under these men. Several cub reporters were promoted to the full status of news reporters.

Gordon A. Zwissler, the new copy editor, replacing Otto P. Freilinger, has three assistants, Victor J. Kropf, William S. Hamlin, and Robert H. Knabe. These men will check on accuracy and journalistic style of the copy turned in by the reporters and will supervise the writing of headlines.

Galandak Feature Editor

John Galandak, as feature editor, the post formerly held by Curtis R. Bristol, will supervise the various columns and features of the newspaper, including the Arx News, Student Musings, Fraternity Notes, and others. Nicholas Balai, the new proof editor, will do the work formerly done by John F. Humiston in supervising the work at the print shop on Saturday mornings. Robert M. Lundberg, who has been serving as circulation manager for the past semester in the absence from school of Frank W. Schmidt, will continue in that capacity.

About sixty members of the staff were present at the News banquet held in the Student Union last Wednesday evening. In addition, N. E. Colburn, H. W. A. Davidson, R. A. Fleissner, and C. N. Clarkson of last year's managing board and Professors Hendricks and Colvert, faculty advisors of the News, were present. Short speeches were made by the retiring editors and the visitors. E. N.

Heat Insulation Is Graduates' Work

J. A. Clear, B. E. Wolgemuth Prepare Joint Thesis

For the past four months Mr. J. A. Clear, '30, and Mr. B. E. Wolgemuth, '21, have been experimenting on heat losses through pipe coverings, particularly at high temperature, in preparation for the writing of a combined thesis.

With the development of high pressure steam and boiler plants throughout industry, a need for pipe coverings that would withstand high temperatures became necessary. Mr. Clear and Mr. Wolgemuth, under the direction of Professor J. C. Peebles, a recognized authority on insulation, are collecting experimental data as to the efficiency of the pipe covers now in commercial use.

The apparatus used in the experiments consists of standard pipe about eight feet in length suspended from the ceiling. Through the inside of the pipe runs a resistance coil to supply the heat. Both ends of the pipe are sealed with asbestos.

One of the difficulties of accurate work is the time element. For correct readings a constant temperature must be obtained on the outside of the pipe and the outside of the covering. It takes from eight to ten hours of heating to get this balanced condition.

A number of commercial pipe cov-

Searl, the retiring editor-in-chief, acted as toastmaster and R. D. Armsbury headed the committee on arrangements.

erings have been tested. Glass wool has so far proven to be the best insulator. Much higher temperatures can be reached with a covering than without one. Under their experimental conditions, Mr. Clear and Mr. Wolgemuth found that a temperature of only 200 degrees F. could be reached without an efficient covering whereas a temperature of 100 degrees F. could be reached with an efficient covering.

In a short time a new covering will be received for testing. This covering is made of vermiculite, a mineral which when mined looks like mica and when heated expands to about ten times its original volume. The heated mineral is ground up, mixed with a suitable clay, and molded into pipe covering.

Both Armour Graduates

Mr. Wolgemuth graduated from Armour in 1921. Since his graduation, he has had varied experience in engineering work. Among the companies he has assisted are: H. M. Byllesby & Co., consulting engineers in power plants; Sargent & Lundy, consulting engineers in power plants; V. D. Simons, consulting engineers in paper mills and power house construction, and Public Utilities Commission, Mantowoc, Wisconsin.

Mr. Clear taught for two years at the Chicago Christian College since his graduation in 1932. During the absence of Professor Seegrist, he assisted in teaching freshman drawing.

Designing Power Plant

Under the direction of Professor R. V. Perry, Mr. Clear and Mr. Wolgemuth are designing a complete five thousand kilowatt power plant for a municipality with a light industrial load.

STUDYING
TILL ALL HOURS?..

GET A LIFT
WITH A CAMEL!

COSTLIER TOBACCOS
ARE USED

"Camels are made from finer, MORE EXPENSIVE TOBACCOS - Turkish and Domestic - than any other popular brand."

(Signed) R. J. REYNOLDS TOBACCO COMPANY
Winston-Salem, North Carolina



Copyright, 1935
R. J. Reynolds Tob. Co.

"LIFE IN COLLEGE is a busy one," says John Cowdery, '38. "Take my case, for example: I have a leaning toward dramatics, and spend every minute possible studying the drama and playwriting, in addition to the work required by my general course. On top of that, I have a job that takes up three nights a week. So you can see my time is pretty full. I get tired...feel 'blue' sometimes when my energy is at a low ebb. Then a Camel sure does taste good! It's really swell how Camels bring me back. Although I smoke them all the time, Camels have never made me feel nervous."

(Signed) JOHN COWDERY, '38

"WHEN I COME OFF THE RINK, tired, I want a Camel. Camels have a way of taking the load off my shoulders. And I've found that I can smoke all I want and still keep my nerves healthy - when I smoke Camels." (Signed) P. THOMPSON
Star of Chicago Black Hawks

"WHEN I WENT TO COLLEGE, I switched to Camels. I found that smoking a Camel when you're tired somehow makes you feel fresher...more alert. And what a grand taste Camels have...so mild and appealing!" (Signed) MARGUERITE OSMUN

ON YOUR RADIO!
YOU'LL LIKE THE CAMEL CARAVAN

starring Walter O'Keefe, Annette Hanshaw,
Glen Gray's Casa Loma Orchestra over coast-to-coast
WABC-Columbia Network

TUESDAY

10:00 p.m. E.S.T. 8:00 p.m. M.S.T.
9:00 p.m. C.S.T. 7:00 p.m. P.S.T.

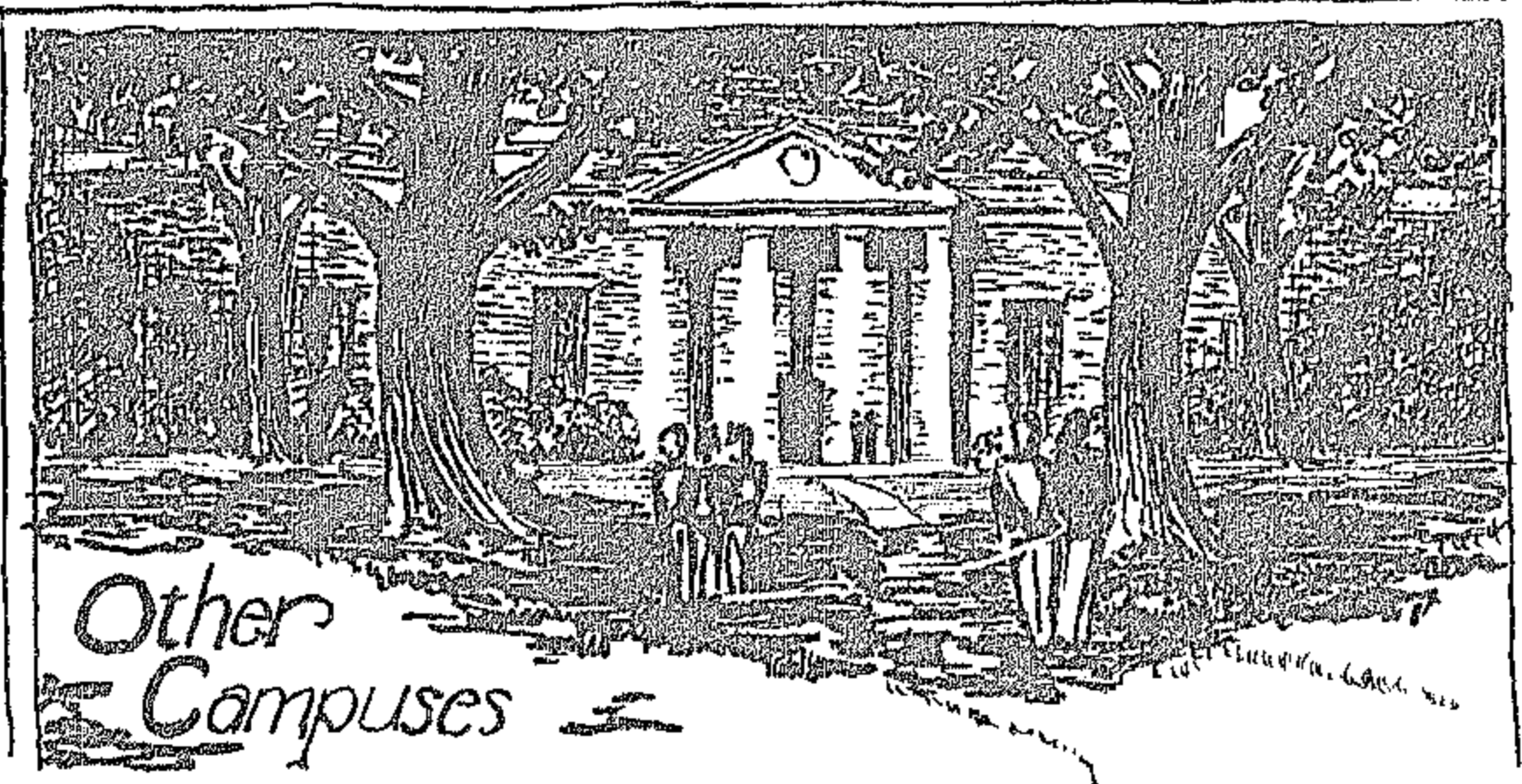
THURSDAY

9:00 p.m. E.S.T. 9:30 p.m. M.S.T.
8:00 p.m. C.S.T. 8:30 p.m. P.S.T.



ANNETTE HANSHAW

CAMEL'S COSTLIER TOBACCOS
NEVER GET ON YOUR NERVES!



Other Campuses

Students at Purdue University now have a new course in x-ray technique. In addition to learning the physical motions necessary for the operation of x-ray equipment the students are taught the mathematics and physics necessary for a thorough understanding of the principles underlying x-ray photography.

As a result of work in the Textile department at Georgia Tech, a synthetic rayon has been made from Georgia pine wood pulp. This work may prove to be of great industrial importance.

In regard to class absences, the Daily Illini makes a play on an old adage and says, "Absence makes the marks grow rounder."

Of a total of 1,046 applicants for admission to the St. Louis university Medical school, only 148 were allowed to register.

A shipment of 2,000 paddles made of barrel staves was received recently by a fraternity at the University of Kansas.

A professor at Brown university photographs people who borrow money from him.

A professor at Manhattan is considerably perplexed over the fate of one Wallace Beery, who apparently registered in his class only to disappear completely.

The University of Catania, in Sicily, celebrated its 500th anniversary in November of this year. The U. S. was represented by several university officials.

A coed at the University of North Dakota has the distinction of being the first third-generation student at that school. Her grandfather was a member of the class of '89 and her mother was a member of the class of '08.

Joe Penner's duck, "Goo-Goo," is the new mascot of Duquesne university gridders, for his master was voted the squads favorite entertainer.

One hundred and fifty Loyola university students have appeared with the Chicago Civic Opera Company production this fall.

A professor of economics at Yale university made the following statement recently: "Many students are like coffee—98 per cent of the active ingredient has been removed from the bean."

From the Kentucky Kernel: I stole a kiss the other night, My conscience hurts, alack, I think that I'll go back tonight And put the blamed thing back.

Students at the University of Minnesota bartered fountain pens, clothing, jewelry, and other articles valued at a dollar each for admittance to the Engineer's dance held recently.

A professor of Political Science at the University of California is quoted as saying, "all men are created equal—but some of them get married."

Frankie Frisch, manager of the World's Champion St. Louis Cardinals, was a backfield star on the Fordham football team sixteen years ago.

At Illinois Wesleyan university a local barber gave free haircuts to every boy who played in the football games if their team won. If the team lost, only the men who scored in the game got them.

"Excessive week-ending" on the part of Colgate university to see movies in nearby towns and central New York, so irked officials of the institution that they set up a movie theater on the campus in Lawrence hall. The village theatre was closed in the summer.

A student at Wake Forest college

Fraternity Notes

THETA XI

Since the beginning of the school year, the members of Alpha Gamma chapter have been busy habilitating and redecorating their new quarters at 3123 S. Michigan. With the able help of Professor Moreton, who has been appointed by the grand lodge as our new D. G. L., and some of the alumni, the actives have completed what they feel to be an excellent job of interior decorating and are now ready to step back into the picture around the institute.

Several of our interested alumni have been present at the meetings which have been held recently and are acting as an advisory committee for the chapter.

The first dance in the new house was held on February 7 as a celebration for the completion of the work on the rooms as well as the end of the semester. The dance was well attended by both actives and alumni, and Professor and Mrs. D. P. Moreton and Mr. and Mrs. O. J. Norris were in attendance as guests.

Officers for the semester who were elected a month ago are:

Orin E. Norris President
Lee C. Willis Treasurer
Carlo M. Christiansen Secretary
Curtis H. Parsons House Manager

PHI KAPPA SIGMA

The annual pledge dance was one of the best dances at the house since rushing. The decoration gave the unique effect of the ocean floor and a new orchestra furnished excellent incentive for dancing.

Probationary Week has finally come to an end, and although the boys are pretty well tired out they are happy.

Bro. Wallace, A. E. '35, has gone into a partnership and has a refreshment and soda shop, at Northwestern University, called "The Hut." Stop in and see Johnny.

BETA PSI

Last Saturday night the house enjoyed a radio dance, belated celebration of St. Valentine's Day. A number of the Alumni were present, and every one had a wonderful time.

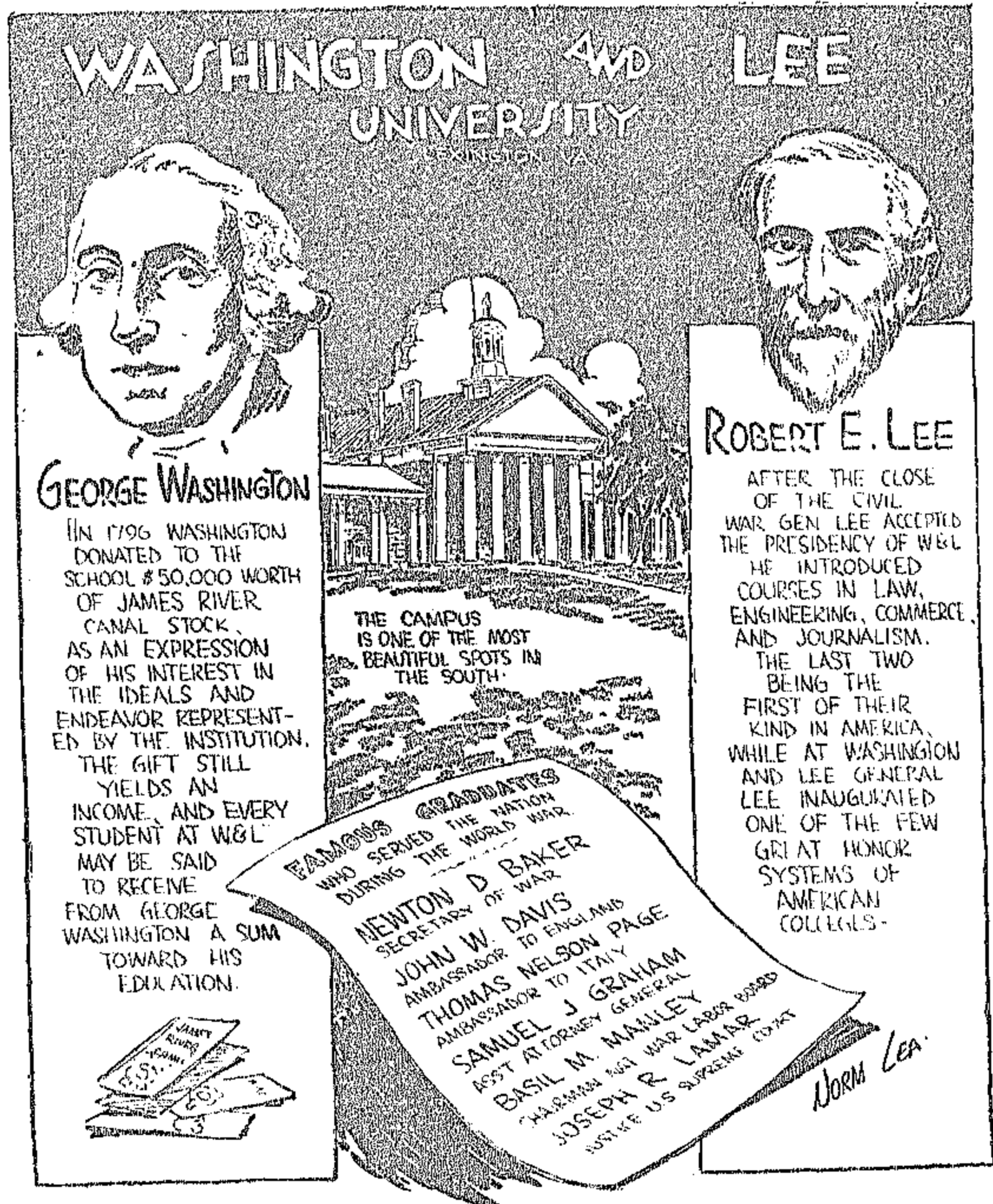
This evening a meeting of all actives will be held. Everyone is expected to be present. Our Hell Week will in all probability start Feb. 23.

DELTA TAU DELTA

The dance held at the home last Friday night was a big success. There was a large crowd present, and everyone enjoyed dancing to the good orchestra.

A number of the members of the chapter attended the dedication of the Weiland Memorial Room at the Henrotin Hospital last Sunday. The Weiland Memorial Room was furnished by the Delta Tau Delta fraternity in honor of Dr. Weiland now deceased, who was a prominent Chicago physician and an active alumnus of the fraternity. Dr. Weiland attended the U. of Chicago and was a member of the Delta chapter there. The furnishings which make it one of the most

CAMPUS CAMERA



Guest Speaker Talks at A. I. Ch. E. Meeting

At their regular meeting last Friday morning in the Physics Lecture room, the American Institute of Chemical Engineers had as their guest speaker Mr. J. O. Clark, chief of the central section of the Food and Drug Administration. His subject was "Food Chemistry as Applied to the Food and Drug Act." The function of the Food and Drug administration, in the words of the speaker, is to regulate the business which supplies "everything human beings use as food and everything they use as medicine."

The scope of the subject of food chemistry includes the study of nutrition, the chemistry of growing plants and animals, and the manufacture of foodstuffs. Food chemistry requires much exact analytical work, and the laboratories of the Administration in the new post-office building on W. Van Buren street are considered the most modern and up-to-date in the entire country.

In spite of this modernity, Mr. Clark told of a painting hanging on his office wall which was executed by a worker on the C. W. A. It pictures a modern laboratory, and through this painting, it can be seen at what rate chemical laboratory equipment becomes obsolete. In the short time since it was completed, certain pieces have already outlived their usefulness.

After covering some of the legal sides of the picture, the speaker closed by inviting the members of the A. I. Ch. E. to visit the food and drug laboratories in the post office at some future date.

Arx News

For lessons in "How to Murder a Foreign Language in (take any number) Lessons" see that master dialectician, Senior Don Miguel Alvarez Manuel Haroldo SLAVITT. If you prefer a prescription for the cure of falling eye-lashes see Dr. SLAVITT. But if you are inclined to favor scholarly lectures about the fourth-dimension (Whatever that is:) see Prof. SLAVITT. Oh, yes, he also takes a crack at this architecture business we hear about, all of which make him a well-rounded something or other.

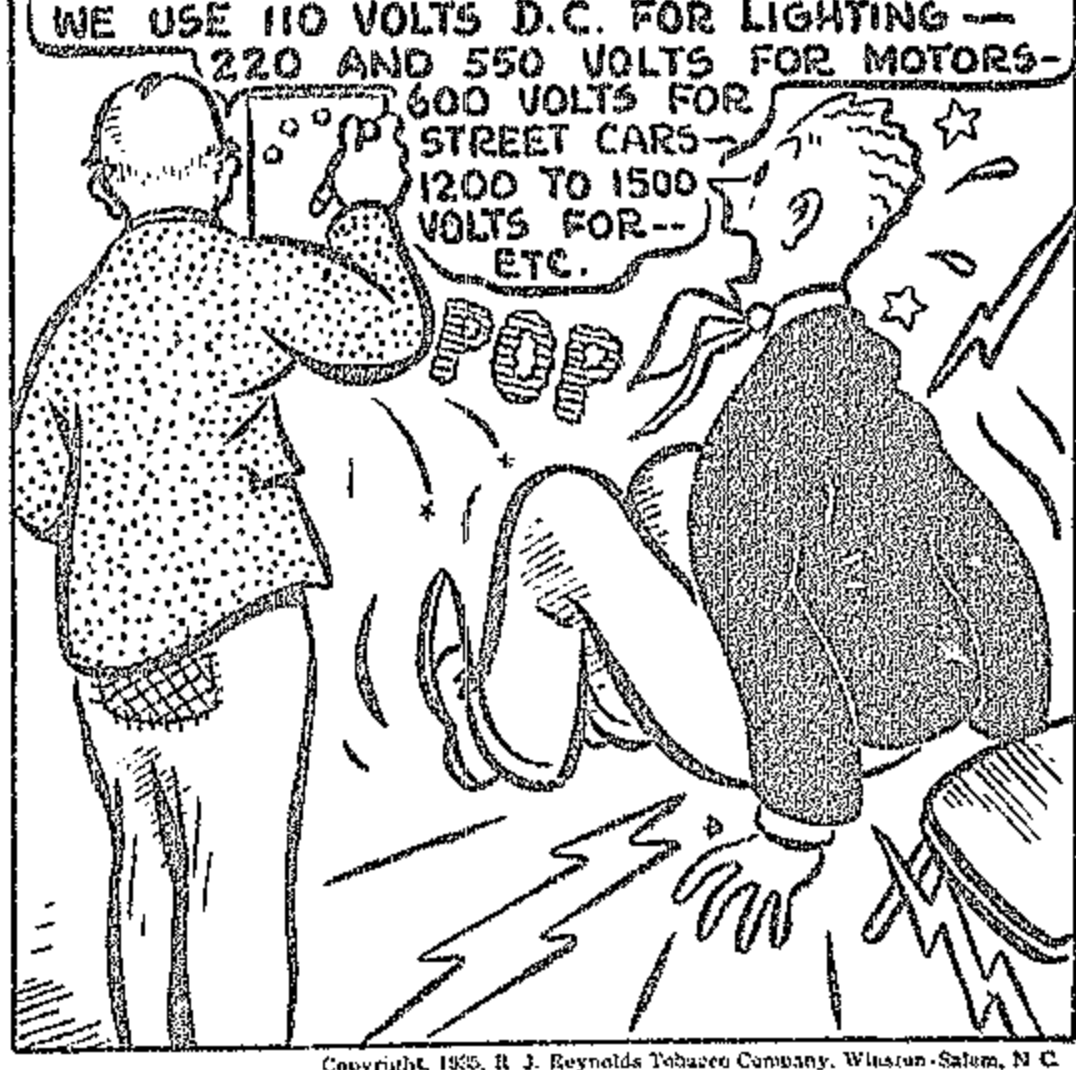
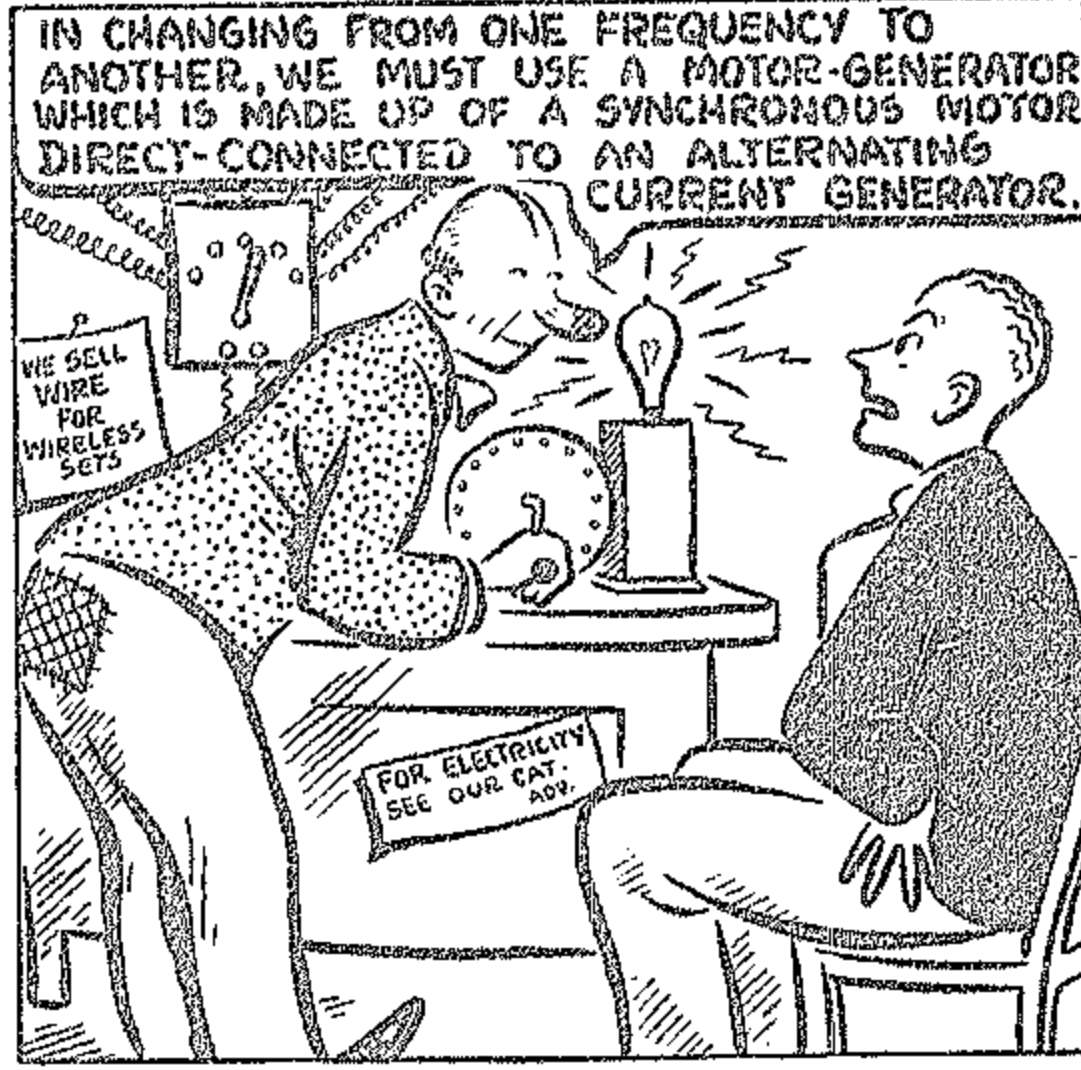
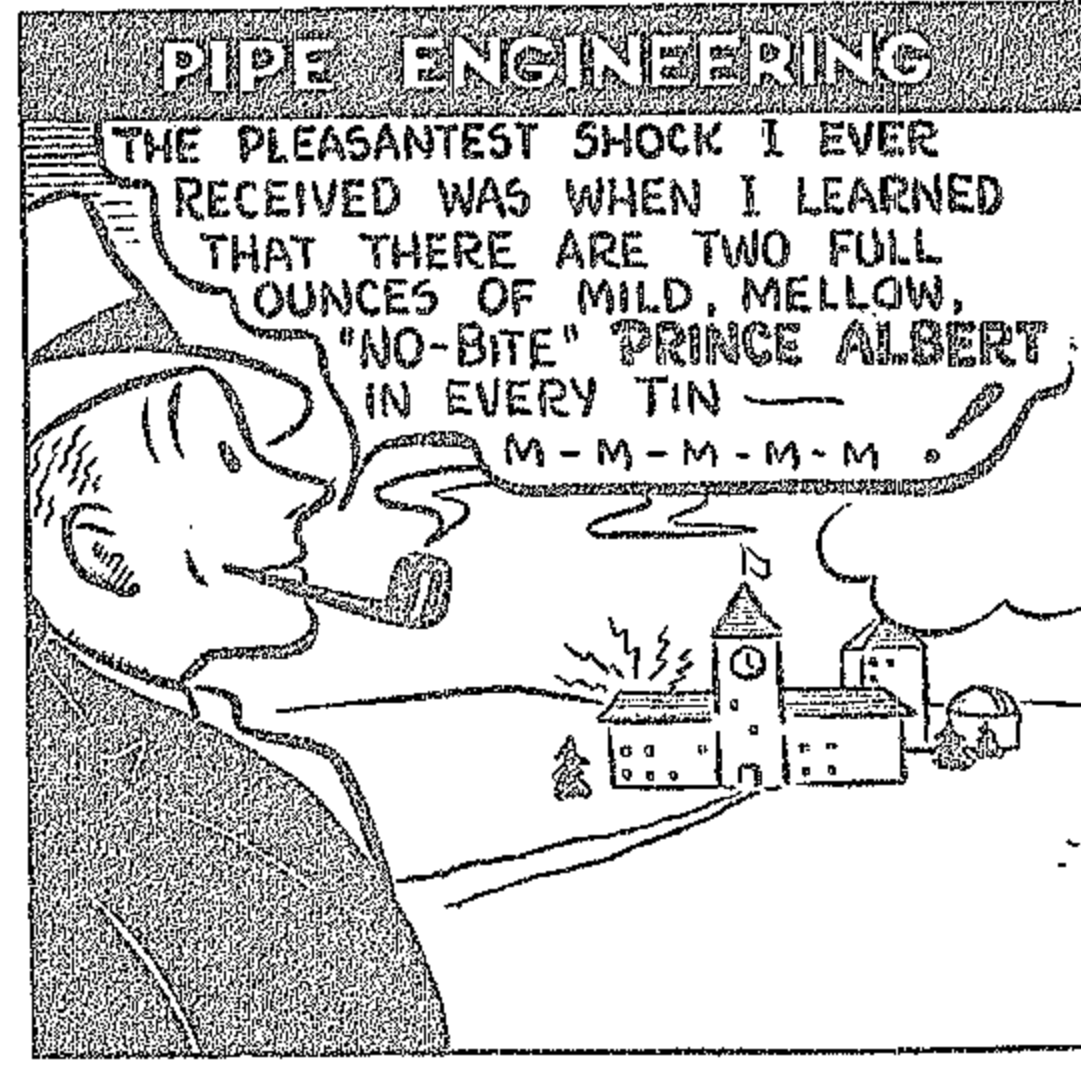
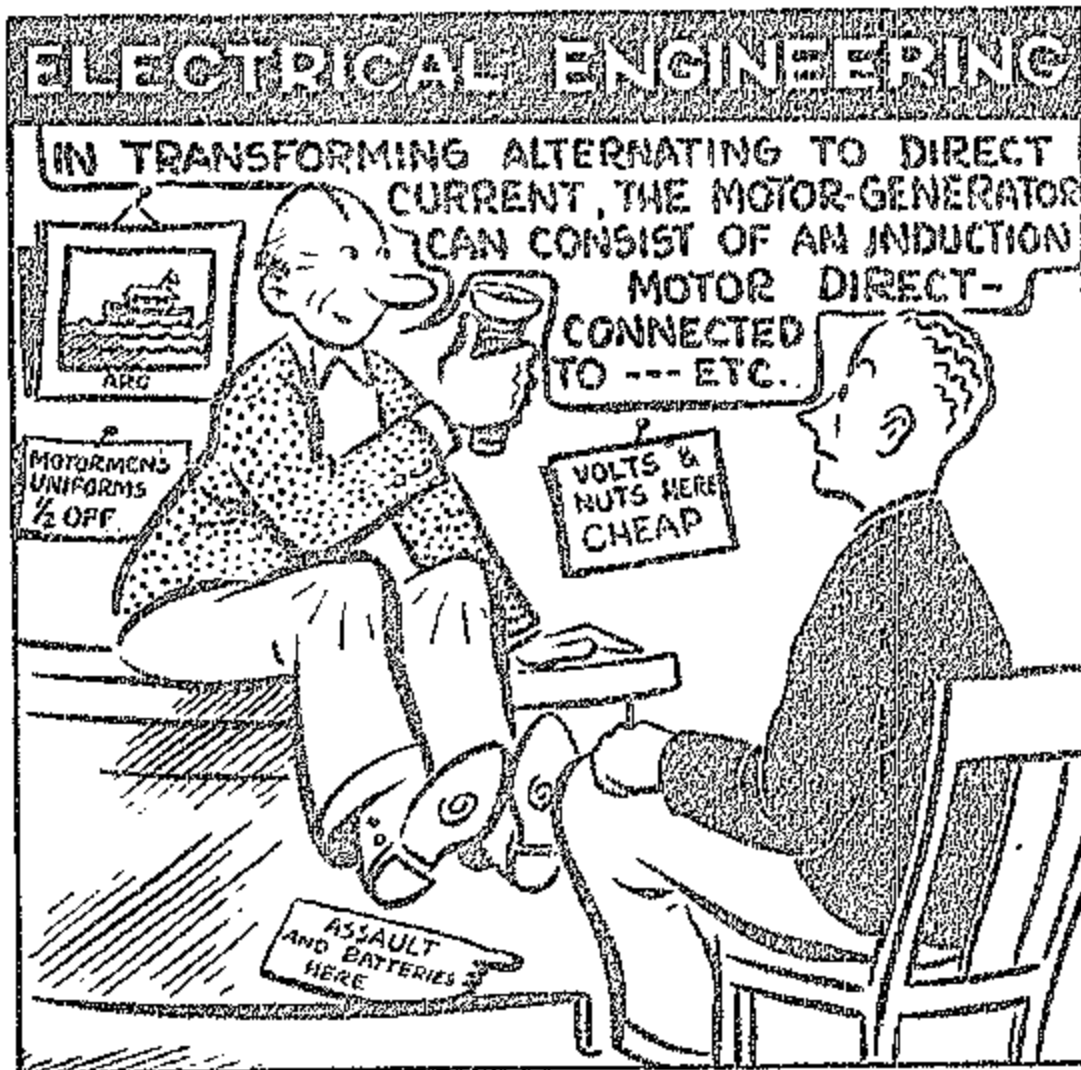
The new term has brought with it several additions to the department. The fresh were blessed with a couple of C. E.'s who now propose to augment their engineering knowledge with architecture. The juniors have two new men in their ranks, a Mr. COHEN, who hails from the U. of I., and a Mr. HRACHOVSKY, who is making his debut in American schools. Incidentally, S h o l t o SPEARS, would nominate the latter as about the most courteous man in the department, if one is to judge by the way he clicks his heels in true continental fashion when speaking or when spoken to. And just to prove that they always come back for more, Ed RUNGE, after about a year's absence, has decided to match his wits with the seniors; whereas Ray PETERSON, who has been teaching school since his graduation a few years back, is back in the harness, so to speak, to continue studying under Prof. KREHBIEL.

We'd gladly give two thumb-tacks (Boy, is that sarcasm!) to know who B. R. BUCHHAUSER remained down-town to meet the other P. M. We'd even raise the ante to discover why Dick LISCHER was dubbed "One-pinch" LISCHER. Could it have culminated from his recent fracas with "Killer" KICHAVEN, alias the "Battling Russian."

Messrs. BRUNETTI, GROSSMAN, SCHWAB and TAGUE have submitted water colors to the Art Institute for its International Water Color Competition. They will be on exhibit in the galleries of the Institute by the end of the month. We know these men will be on top with the best of them, but nevertheless, a little bit of good luck won't hurt. If you become intrigued with a certain sketch by Mel GROSSMAN which he has named, "Dumps" and to which he has affixed a value of twenty-five dollars, don't be surprised. Confidentially, Mel has promised said masterpiece to yours truly should it, by some quirk of nature, not be sold.

Mrs. GOODMAN claims that the noise she heard just outside of the office the other day reminded her of some of the wild animals she had seen and HEARD in a movie short the previous evening. Suppose we say her imagination was getting the best of her and let it go at that, so that our boys might at least get the benefit of the doubt.

EAGLE EYE.



SMOKER'S NOTEBOOK

ADVANCED PIPE SMOKING

Prince Albert is mild. Prince Albert is cool, and also long-burning. Important point—P.A. is crimp cut. No harshness—a special process takes out the bite.

A blend of top-quality tobaccos! For the above reasons, Prince Albert is the largest-selling pipe tobacco in the world. P.S. Remember to get tin of P.A. after class!

PRINCE ALBERT

THE NATIONAL JOY SMOKE!

TECH WRESTLERS GAIN REVENGE IN NO. CENTRAL MEET

North Central, victor over Armour in all lines of sport recently, has finally been defeated—and not merely defeated, but squelched! The Tech wrestlers were the principals in this outstanding victory and their 26-8 win is all the more satisfying in that it avenges a former defeat, consistent with the North Central-Armour situation, inflicted when the Techmen visited Naperville.

Friday's win boosted the season standing of the team to three and three, and Bob Schmidt, despite a recent illness, took his sixth bout to keep his record perfect and set the team's pace as captain. His success was emulated by all but two men on the team; Marslek losing on a time advantage at 125 lbs., and Bergquist losing an overtime battle in the light-heavy class by a fall.

Hella, opening the meet proper, completely dominated his foe to win with a time of 5:31. Jimmy Dunne made it two wins with a brilliant exhibition of wrestling. The sinuous freshman tired his opponent with plenty of leg riding and then clamped him down with an arm lock and crotch hold in 4:42. He fought at 135 lbs.

Schmidt prevented a hard working North Central man from even making a break in the next bout, and rose to an undisputable win controlling an arm, for he could not slip on his effective leg scissors. Krenl and Sumner both gained falls in their matches without much trouble. Both used a crotch and half nelson to up the Tech score.

Ray Peterson, in the finale, really sewed up the meet and his man to avenge Bergquist's loss, in the preceding match, to Mike Adler, North Central star and former Lane Tech luminary. Pete tore into Maechtle, dumped him and the impending fall was finally called in 5:44.

Previously, Armour has won from De Kalk and the University of Chicago. North Central, Wheaton, and the Lincoln-Belmont Y have been victorious against Tech. A chance to avenge the other two defeats will be afforded soon. Wheaton comes to Armour on Feb. 25, and a return meet with the Y is in the offing.

The results of a poll on the New Deal conducted among 1,600 of the 3,000 undergraduates by the Yale Record, were published recently by that paper under the title "Yale Turns Its Back on the New Deal."

Of 1,606 who were asked how they would have voted in 1932, 520 replied in favor of Roosevelt, 956 in favor of Hoover, and 130 for Thomas.

Armour Defeats Wright Tankers

Tech swimmers scored another win, their second in practice meets, when on Feb. 6, they defeated Wright Jr. College in an exciting aquatic exhibition before a cheering crowd of twenty-five spectators whose wild applause nearly raised the roof off Bartlett pool. The final score was determined by the 100 yard medley where the supreme efforts of Capt. J. Ahern cinched the meet and put Armour on the long end of the 40-35 score.

Summaries

160 yd. relay—Won by Moore, McDonald, Ahern, and Rueckberg of Armour. Time, 1:26.

100 yd. breast stroke—Won by Knaus (A); second, Liebenman (W); third, Stehman (A). Time, 1:17.2

40 yd. free style—Won by Moore (A); second, Mollers (W); third, Williams (W). Time, 21.9.

220 yd. free style—Won by Williams (W); second, Duerrstein (A); third, Rueckberg (A). Time, 2:51.6.

100 yd. backstroke—Won by Bernstein (A); second, Miller (W); third, Horwitz (W). Time, 1:20.9.

100 yd. free style—Won by Ahern (A); second, Shore (W); third, Cook (W). Time, 1:04.1.

Fancy Diving—Won by Colias (W); second, Tone (W); third, Ly-

Fencing Team in N. U. Social Meet

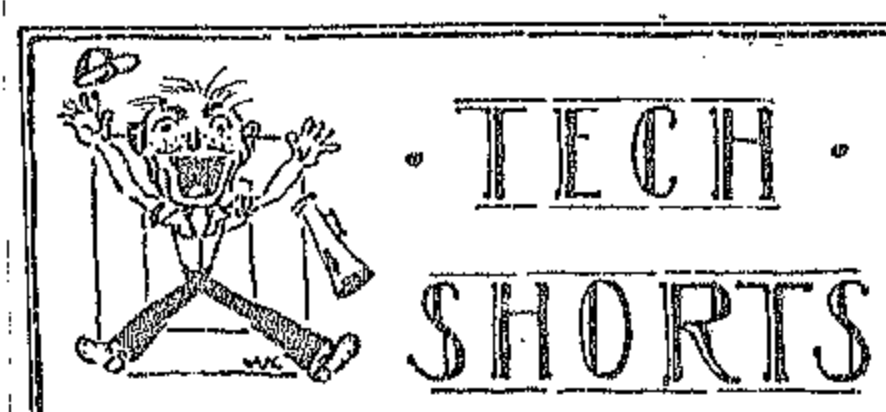
The Armour Tech Fencing Club, newly equipped by their own efforts took part in a social fencing meet at Northwestern University last Saturday. A social meet, as the name indicates, is composed of a series of non official bouts, so the comparative worth of the participants cannot be expressed in a point tabulation. However, Professor Fisher, coach of the Tech team, who took part in the program, was satisfied that in a regular meet the Armour fencers could easily match the skill of those present.

Coach Zettleman and Capt. Zimmerman of Northwestern were in charge of the meet, which drew fencers from the city high schools, the Edgewater Fencing Club, Armour and Northwestern. Representing Armour were: Capt. Ed Krok, Z. Trzyna, and K. Trzyna. George Quandee, fourth member of the team was not present.

The Edgewater Club, composed of men and women members, has been scheduled to meet Armour at Armour within a few weeks while a match with Northwestern will soon follow.

ford (A).

180 yd. medley—Won by Bernstein, Knaus, and Ahern, of Armour. Time, 1:59.4.



Chuck Handler, co-manager of the track squad and George Wheaton, manager of the wrestling team are at present quarantined with scarlet fever and it looks like a couple of weeks in "stir". George would have enjoyed seeing his men step on North Central, Armour's traditional foe. Chuck could miss the track team's first attempt. . . . They lost. No one can say that our managers have nothing in common . . . but sympathy we have—and you're needed—so . . . lots of sleep boys.

If spring and dryness ever get here we can finish our football tourney . . . no this is no joke. The Sr. M.E., Jr. E.E., and Soph M.E. still breathe if we don't err. Also, if you expect to enter the soft ball interdepartmental, so successful last spring, get organized! Got to tick the Jr. E.E., present champs.

Well, now that the first semester is over, the underclassmen should be pretty well oriented in the Armour program. This kills the excuse offered by many Techawks, prominent in high

SIDELINES

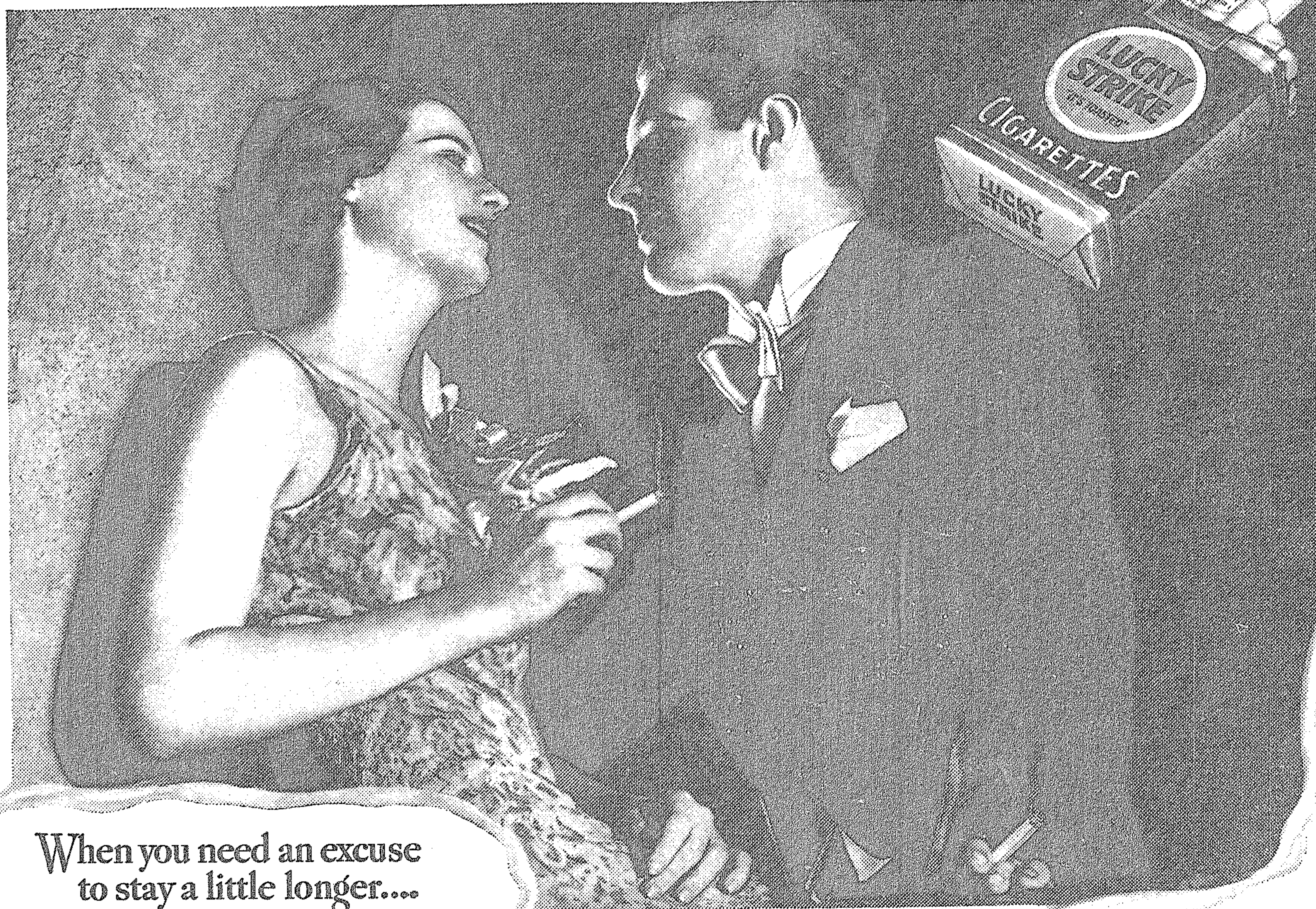
(Continued from page 1)

typically to Nihilism, but it is not intended so. It is not intended to suggest that nothing matters; on the contrary I think that the condition of men has constantly improved and will continue to do so; that men are happier and more comfortable today than they have ever been, and they will be more so.

But it seems to me that opinions and beliefs are worth far less than most people realize. It has been suggested before, and I think it is true, that much more thought is devoted to finding arguments to support stubbornly held opinions, than to actual consideration of our problems and other people's ideas about them.

school sports, that they are here for an education and seek no extra laurels. Why wait longer to earn that letter and speaker. Men find time to run the publications—keep Armour in all sports, (note: basketball team). Why don't some of you hesitants look up the averages of men prominent in school activities?

It is noised around that Messrs. Olson, Bungert, and Marshall are of the funny tribe. Say, you fellows, the team just got new suits!!



When you need an excuse
to stay a little longer....

I'm your best friend

I am your Lucky Strike

LUCKIES USE ONLY CENTER LEAVES

CENTER LEAVES GIVE YOU THE MILDEST SMOKE



I give you the mildest smoke, the best-tasting smoke. You wonder what makes me different. I'll tell you. It's center leaves. I spurn the little, sticky, top leaves . . . so

bitter to the taste. I scorn the coarse bottom leaves, so harsh and unappetizing. I am careful of your friendship, for I am made only of the mild, fragrant, expensive center leaves.

They Taste Better

ARMOUR DEFEATS WHEATON IN FAST BASKETBALL TILT

Wayne University And DePauw Fall Victims to Techawks

11 WINS—2 LOSSES

Absorbing a ten point lead on their home court last Thursday, entirely too cocky, the Techmen went on to hand Coach Bill Kraft victory eleven in their thirteenth start. Gene Heike "held" to four baskets and three free throws led the team in their winning spurt in the last half, but he had plenty of help from big Bob Merz who turned in his season's classic performance. The husky center reported that a gripe on the referee accounted for his success.

The first half featured a cautious play after the refs had tagged, among others, Glover and Petersen of Wheaton for three fouls apiece. Levy, who started as a guard, rang up three in seven minutes. Armour really owes its win to its success at the pivot line in this free throw exchange. Sink- ing twelve, the boys doubled Wheaton's six gratis counts.

The lead see-sawed back and forth during the half with Wheaton finding up ahead 18-15.

The game really started in the second period. Page and Romein, Wheaton sharp-shooters, led their team in a super-scoring spree and before the Techawks could catch up this spirited team, they trailed 25-15. With the five regulars playing, Armour opened up. Free throws and field goals gradually ate up the lead while the home five halved, and fifteen minutes after the half opened, Armour led, 30-29. Tech then went on to 36-30 as Merz plunked in a long beauty from the side; Christoph pushed in his jump specialty; and Lauchiskis scored from under the basket on a hot pass from Pop Warner at midfloor.

The Tech case rested with these efforts but Romein pushed in a long and Page dribbled in his sixth to put Wheaton close—but still behind, 36-34.

Box Score			
Armour—36	b	f	p
Heike, f	4	3	0
Lauchiskis, f	2	3	2
Christoph, f	2	2	0
Merz, c	3	1	2
O'Brien, c	0	0	0
Levy, g	0	0	3
Dollenmaier, g	0	2	1
Warner, g	1	1	4
Doane, g	0	0	0

Totals	12	12	12
Wheaton—34			
Petersen, f	2	1	4
Page, f	6	2	3
Glover, c	1	0	3
Rhoad, c	1	0	3
Romein, g	3	2	2
Gray, g	1	1	2
Nelson, g	0	0	0

Totals 14 6 17

Referee—Holmes (Wisconsin); Harrison (DeKalb).

ARMOUR 33, WAYNE 32

The Tech cagers went to town again when they defeated Wayne on Feb. 12, by the close score of 33-32 in a colorful game which ended the Wayne-Armour series with two wins, no losses, for the Techawks. From the start of the game it appeared that it was to be a push over for the Techawks with Heike, who collected eight baskets and two free shots for the day's work, leading the scoring attack. Play in the first half was pretty slow and the period ended with a 16-12 score, a four point Armour lead.

In the second half the score was run up to 24-12, and Lauchiskis and Dollenmaier, suffering from colds, were taken out and not used until the last few minutes of play when it became necessary to use the regulars as the subs could not stand the Wayne onslaught led by Berris and Roth.

The green team tied the count at 26 and with three minutes to go led the Techmen 32-30. Here the invalids reentered to put the five regulars on the floor, and the spectators breathed more easily when Lauchiskis pushed in a basket and Heike counted on a penalty. The game ended with Armour in control and Pop Warner just leaving with his quota of personals.

Loyola Hands Tech Track Team 48-46 Defeat As Season Opens

The track team came darn near to a successful season start last Saturday, but they lost the opener, 48-46, to Loyola at the U. of C. field-house. Coach Stagg, recently operated on for appendicitis, was sufficiently recovered to be about and urge the team in their fight to jump that narrow lead, but the home team stopped at a close second.

With the point total at 34-46, the half mile relay team galloped away from the enemy—Neuert, Rigoni, Rosen, and Dunbar being assisted in victory when the third Loyola man spilled as he tried to pass the baton. Then Bert Thornton, frosh high jumper cleared 5 ft. 7 in. to add five more points in the final event, but Ornstien of Loyola tied Al Kulpak for second and Loyola was in.

By securing eight points to Armour's one in both the dash and the shot put, Loyola really cinched the meet. However, Armour has the satisfaction of taking six firsts to Loyola's five—what we need is more also-rans.

Faust, by a double win, was high with ten points; while Capt. Roberts picked up nine to take second scoring honors. Faust easily won the two distance events and Johnny took a first in the high hurdles, a shot in the lows, and a third in the short put. George Nelson stepped out to

take the half mile in nice time, 2:05.6. For a while it looked as though Tech would "full house" this event but Schott, of the opposition, nosed out Tuma for second. Joe McGrath finished just behind the point winners.

Summaries

70 yd. dash—Won by Rafferty (L.); second, Hofherr (L.); third, Neal (A.). Time, :07.6.

440 yd. run—Won by McGinnis (L.); second, Neal (A.); third, Tittinger (L.). Time, :53.5.

880 yd. run—Won by Nelson (A.); second, Schott (L.); third, Tuma (A.). Time, 2:05.6.

1 mile—Won by Faust (A.); second, Schott (L.); third, Lindeman (A.). Time, 4:54.0.

70 yd. low hurdles—Won by Nurnberger (L.); second, Roberts (A.); third, Powers (L.). Time, :08.2.

2 mile—Won by Faust (A.); second, Hill (L.); third, Mulvaney (L.). Time, 11:57.8.

70 yd. high hurdles—Won by Roberts (A.); second, Powers (L.); third, Fleig (A.). Time, :09.7.

Shot put—Won by Reimann (L.); second, Nottoli (L.); third, Roberts (A.). Distance, 36 ft. 11 in.

High jump—Won by Thornton (A.); Kulpak (A.) and Ornstien (L.) tied for second. Height, 5 ft. 7 in.

Pole vault—Won by Paul (L.); second, Bristol (A.). Height, 11 ft. 6 in.

880 yd. relay—Won by Armour, (Neuert, Rigoni, Rosen, and Dunbar); second, Loyola. Time, 1:40.4.

Box Score			
Armour—33	b	f	p
Heike, f	8	2	0
Christoph, f	2	0	3
O'Brien, f	1	1	4
Merz, c	0	1	0
Levy, c	0	0	2
Dollenmaier, g	1	1	0
Warner, g	1	0	3
O'Connell, g	0	1	0

Totals 13 7 13

Wayne U.—32			
Roth, f	2	5	3
Sapalla, f	0	0	1
Berris, f	4	1	2
Pavner, f	0	0	0
Ditlkoff, c	2	2	2
Bens, g	1	1	2
Barth, g	1	1	2
Demaree, g	0	0	1
Brownell, g	1	0	3

Totals 11 10 16

Referee—Osborne (Beloit). Umpire—Smith (De Paul).

ARMOUR 37, DEPAUW 31

Although hampered by the superior height and basket shooting ability of the De Pauw Tigers, the Tech basketballers ramblod down the floor to a 37-31 victory in the Wentworth Armory on Friday, February 8. Heike led the scoring attack with eight counters and two gratis heaves. The Old Gold guns were Hickman and Kinnally, their nerry and efficient passing and shooting caused the Techawks no little worry and kept the score in the first half down to a two point lead for the home boys. It was Hickman's knack of forcing his opponent to foul him that partly accounted for "Pop" Warner's four "personals." The action throughout the entire game was plenty fast and it was only by a superb system of defense that the Armour cagers stopped the Tigers from making many spectacular baskets and upsetting the 37-31 victory which was scored by the Armour team.

Box Score			
Armour—37	b	f	p
Heike, f	8	2	1
Lauchiskis, f	1	0	0
O'Brien, f	1	1	0
Merz, c	1	0	2
Christoph, f	0	0	1
Dollenmaier, g	2	1	0
O'Connell, g	0	0	2
Levy, g	0	0	0
Warner, g	3	1	4

Totals 16 5 10

De Pauw—31			
Hickman, f	2	1	4
Coffin, f	0	0	1
Miller, f	3	1	0
Lee, c	1	2	2
Youngblood, g	1	0	2
Bollinger, g	1	0	1
Kinnally, g	5	1	1
Bateman, g	0	0	0

Totals 13 5 11

Referee—Travnicek. Umpire—Scott.

BIG NITE FRIDAY! TECH HOOPERS IN SEASON'S FINALE

Gentlemen! Did you realize that the basketball team winds up its present schedule next Friday? Friday, the twenty-second of February? Washington's Birthday? Bet not, and here the quint is closing its most successful season on record; eleven wins and two small, insignificant losses to date!! (press time)

Seriously, fellows, the Techawks might hit the floor Friday night with that win total boosted to thirteen—some team—and you won't see some of these boys again. Al Lauchiskis, the smiling gent that captains the team, is saying finis and you can bet that he will make the game worth remembering. "Springs" Christoph sings his swan song—and he won't sing off-color. Yessir, fourteen and two is a lot of winning basketball—why you'll remember Washington's birthday for the Indiana State Teachers-Armour Tech game of 1935!

What you should notice is the Friday Night item. 8:00 p. m., long before you are expected to hit the polished hardwood at the Bal Tabarin, the game begins. You and the young lady, or just you, can drop in the Armory and see ten men, garbed to rival the dashing of women, show you how to properly handle the pedal extremities on the floor. Then, as Armour fights, slips, gains and spurts to victory, tone up for a big nite—and raise the roof later at the Sher-

TECH SWIM TEAM FALLS TO LOYOLA IN TRIANGLE MEET

The Tech swimming team, in competition for the second time this year, collected 20 points against 29 for Milwaukee State teachers and 46 for Loyola, in a triangular meet held last Saturday at the Loyola pool.

Rog Knause who picked up a second in the 100 yard breast stroke, registered the best individual accomplishment for Armour. He was, however, well behind Brydenthall, Loyola veteran, who used the newly legitimized semi free style breast stroke to win in nice time, 1:11.

The Tech side squad tallied six firsts and set three pool records in assuring their victory. Cornelius, in the 50 yard free; Ertz, in the 100 free; and the relay team in the 150 yard medley event; were the record setters. The Armour medley team: Tallafuss, Knaus, and Moore; finished second to the fast splashing Loyola trio and looked good in so doing.

The Tech tankmen, in their new silk suits, were certainly the best dressed men in the tank but this distinction brought no points. Capt. Johnny Ahern, realizing this, stepped a bit out of his element to enter the diving event, and pressed the Milwaukee entry for second honors but took a third in the event.

The team, victorious earlier in the

year over Wright Junior College, 40-35, will enter the tank again Feb. 27, when they meet the South Side Junior College at the South Side pool. A tentative engagement should get the boys a little practice before this if they meet the Irving Park Y Feb. 25, as proposed.

200 yd. relay—won by Milwaukee (Radtko, Zien, McCann, and Buech); second, Armour; third, Loyola. Time, 1:46.1.

100 yd. breast—Won by Brydenthall (L.); second, Knaus (A.); third, Burns (L.); fourth, Fiesler (M.). Time, 1:11.0.

50 yd. free style—Won by Cornelius (L.); second, Trick (L.); third, Zien (M.); fourth, Ahern (A.). Time, :24.0.

200 yd. free style—Won by Elwell (L.); second, Shapiro (L.); Buech (M.); fourth, Rueckberg (A.). Time, 2:23.4.

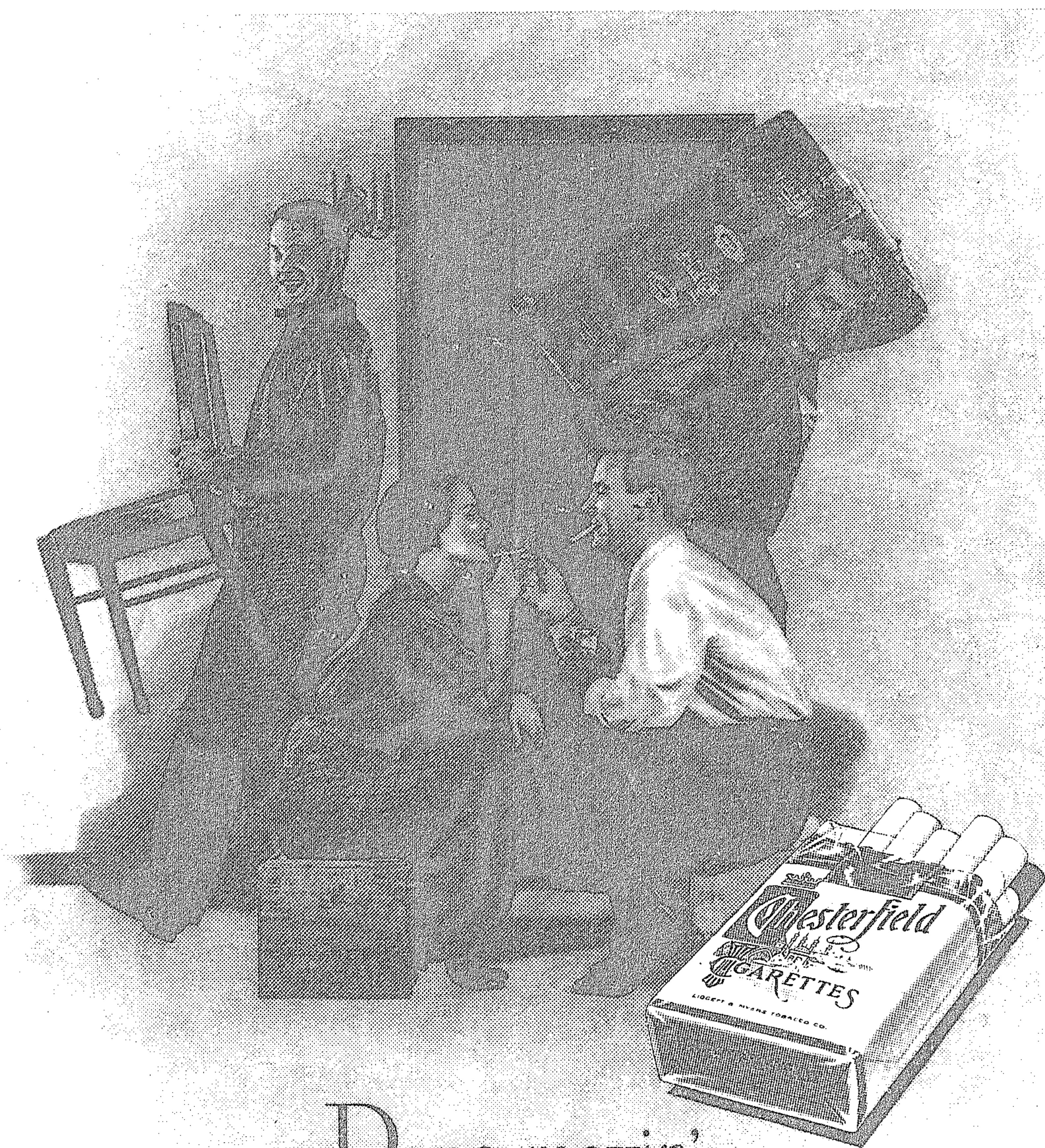
100 yd. backstroke—Won by Elwell (L.); second, McCann (M.); third, Bernstein (A.); fourth, Happ (L.). Time, 1:15.3.

100 yd. free style—Won by Ertz (L.); second, Zien (M.); third, Goettsche (L.); fourth, Moore (A.). Time, :57.1.

Fancy diving—Won by Iacolucci (M.); second, Shields (M.); third, Ahern (A.); fourth, Lyford (A.).

150 yd. medley—Won by Loyola (Elwell, Brydenthall, and Cornelius); second, Armour; third, Milwaukee. Time, 1:25.7.

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