Vol. II. No. 16.

Armour Institute of Technology, Chicago, Illinois

January 24, 1929

"ENGINEER" TO FEATURE BUR. OF STANDARDS

Issue Will Contain Many Articles On Recent Developments

The work of the "Bureau of Standards" will be featured in the "Artributed within the next few days.

The article written by Hugh G. National Bureau of Standards, de- or the same order as shown in the list the NEWS staff. scribes the work and the arrange- of faculty which appears in the bulment of the organization. The Bu-letin. reau consists of two main divisions. The commercial standards and the research and testing divisions. There raphy and caricature, both of which it, and what it can do to improve it. Dutch Room of the Hotel. are five subdivisions of the research appear on page three, is Dr. Howard Suggesions for new features which and testing.

The "Automotive Power" division, consent, Professor A. E. Phillips, invited. which contains also the laboratory of the Aeronautics branch of the Department of Commerce tests, performs experimentals on the internal combustion engine and its relative problems.

The "Optics" division performs development work on all phases of light and its industrial use.

The use of the spectroscope and automobile show to be held at the its development are constant sources | Coliseum starting Saturday, Jan. 26, of interest and development in the Bureau.

Chemical procedure, experiments, shown cars and equipment produced and tests are developed by the "Chemical" division which is constantly adding to the information of science.

The "Mechanics and Sound" division develops standard test methods and apparatus for the development of these methods. Among the machines of greatest interest to the engineer is the Emery compression and tension machine. It provides pressures of 2,300,000 pounds in compression and 1,150,000 pounds in tension with a variation of one pound being noticeable.

The world's largest compression testing machine, supplying 10,000,-000 pounds compressive load is taken for the cover design of this issue. This machine is used for the testing of columns by the Bureau of Standards.

The "Organic and Fibrous Material" divisions takes care of tests on (Continued on page 4, col. 3)

Jennings Rates High Among Tennis Stars

In the rankings of the western tennis stars, as released by the Western Lawn Tennis Association, George make plain to the Freshmen that no useful in writing the paper. Jennings, Armour southpaw, was rat- classes are scheduled for next week | Prizes to be given are \$25 to the ed seventh in the men's singles, and other than the final exams. The sec-best essay from each college or unififth in the doubles, sharing this lat-lond semester starts promptly at versity competing, and \$100 grand ter honor with Rice.

Lott, Jr., of Chicago, who ultimately take place. Classes will start on are writing an essay for the contest won the singles championship. Two Tuesday, February 5, at eight-thirty, as part of their regular work in the Chemists See Efficiency other Chicagoans, Pare and O'Connell, were placed ahead of Jennings.

Twenty-Five Attend Pirandello's Drama

About twenty-five Armour students enjoyed the theatre party at the Goodman Theatre Tuesday night. The group were given the privilege HOMOTATICS' SMOKET being required to pay the \$1.50 regular admission.

The play, "Six Characters in came sick of the false sentimentality of the honorary fraternities were ex- the Research of a Trade May be Ap- rywhere processes were so laid out by the recipients. of the drama of his country and pected to attend the Interhonorary | plied to Consumers' Needs." wrote this play in an attempt to de- Fraternity smoker at the Theta Xi part from the accepted form.

story directly, but anch tells his part unusual entertainment were well re- research to the consumer. directly, explaining and justifying ceived. For the entertainment Rezac himself as he goes. The story moves had a three-piece orchestra give some oratories of the National Canners' and gravity feed being in use to photography has started with the in the So. Chicago match are. Capt. inevitably and grippingly forward in hot tunes. Several novel stunts, in | Association has enabled them to put propell the liquids through the lines. making of appointments between the Larkin, Mitchell, Buchling, Jammer.

dialogue and action. itself.

Caricatures And Biographies of Faculty Members To Be Regular Feature of News

is being inaugurated with this issue. partment will be the topic of the A series of biographies of faculty biographer's and the artist's pen. members, along with a pen-and-ink | Attwood, Leardi, Conduct Feature caricature of the professor being written up, will appear regularly the artist who is responsible for the hereafter for an indefinite period. In Order of Seniority

mour Engineer," which will be dis- will appear every week, and occa- members of the faculty. sionally two will be published. The

Precident Raymond First

AUTO SHOW TO

The twenty-ninth annual national

will hold much of interest to engi-

neering students. There will be

by forty-six manufacturers. Huge

crowds are expected to attend the

display, breaking all records for at-

tendance. More than 300 cars will

be exhibited, valued at \$5,000,000.

The setting promises to be in keeping,

for an expenditure of \$90,000 has

been made for decorations and fur-

While there will probably be many

refinements in the cars, and some

change in motor and chassis design,

no radical changes are expected in

the design or operation of the auto-

note of the show. Among the inter-

the retirement of General Motors,

according to the new schedule.

Reports of the first semester grades

earlier by inquiring in the Deans' of-

and E. R. Rowley, '30, M. E.

At Theta Xi House

nishings.

TWENTY-NINTH

A new feature for NEWS readers | Head of the Civil Engineering De-

John G. Attwood, '28, Ch. E., is drawing of Dr. Raymond which appears in this issue. Attwood will At least one of these biographies make a similar caricature of other

order in which they will be taken is the biographies from week to week. Bautell, Associate Engineer of the the order of their seniority of rank, Both these men are new additions to ever conducted by a class at the In-

As in the case with anything else we publish, the staff of the NEWS invites the criticism of its readers as M. Raymond. Next week, with his might be of general interest are also

Changes in schedule have been posted on the bulletin board. Programs should be made up and BEGIN JAN. 26 ready for registration day, Fobruary 4. All conflicts should be reported to the Deans' office.

ELECTIVE IN LIGHT PLANNED

A special course in Light, Physics VII, to supplement the Physics course, and to be taught by Prof. T. E. Doubt, is being planned. All students interested are requested to see A. H. Jens, '31, in the Physics Lecture Room on Monday, Wednesday, or Friday at 8:20.

Back Issues of I. C. Ads From News Office

Students who plan to compete in the prize essay contest being fostered by the Illinois Central R. R. mobiles brought out for 1929. Immay receive copies of advertisements provements in body design, developof the company which have appeared in college publications at monthly Kent Parker Returns ment of beautiful lines, and better interior finish promise to be the keyintervals for the last three years by esting developments of the new year applying at the office of the NEWS (second entrance, third floor, Chapis that the four-cylinder field is left in). Only a limited number of these practically alone to Henry Ford, with sets are available, however, and after they are given out, contestants will his biggest competitor, from the manhave to write directly to President ufacture of this type of automobile. L. A. Downs of the I. C. System.

The contest closes on February 28. Don't Go To Class Next Every student in the school is eliglible; all that is required being an es-Week by Mistake, Frosh say on "The Future of the Railroads." The information contained The office of the Deans wishes to in the ads mentioned above will be

eight-thirty the following Monday, prize for the best essay written. Many Jennings was eliminated by George February 4, when registration will of the students in the English classes

will be mailed to the students as soon as the Deans' office is able to compile | Woman Economist Will them. They should reach the stu-Talk at A.C.S. Meeting dents within two weeks after the last examination. Grades may be learned

City Club rooms, 315 Plymouth Harry Bailey, '30, and Fred Att-Court, the American Chemical So-wood, '30, led through the lacquer ning is to be Miss Ruth Atwater, curred, if a spill by one of the memrector of the department of Econom- six colds can be excepted.

cluding a magician's act by George upon the public's table the choicest | The lacquer industry is rapidly graduates and the Photographer, Ms- Briggs, Whitfield, Bryant, Sandstrom. ment in market products.

CROWD OF 200 PACKS DANCE AT BISMARCK

But For Some Reason Walls Won't Stay Decorated

If enthusiasm and a large crowd is the measure of the success of a dance, then the Junior Informal held T. J. Leardi, '29, C. E., will write last Friday evening at the Bismarck Hotel was one of the most successful

The Chicago Rhythm Kings came into immediate popularity with the two hundred or more couples that at-The subject of this week's biog- to how much or how little they enjoy tended. The dance was held in the

> The only hair in the soup as far as the financial outcome of the affair is concerned is that the hotel management is holding the Junior Class responsible for redecoration charges of the ball room. Before the dance the room was beautifully decorated in Dutch taste with wall plaques, plates, and chinaware of different kinds. After the dance everything of value capable of being loosed from its moorings with anything less than a crowbar was found to be missing.

Robert J. Serson stated that while the Junior Class is willing to assume the responsibility for the loss, he is of the belief that members of the Junior class were personally very little to blame for the theft of these decorations.

fort to locate as many of the pieces in running the society. as possible to reduce the amount of the damages. Dean of Students C. I. Palmer has stated that unless the debt is cleared up he will not give permission for the class to hold a Junior Prom.

Members of the Social committee in charge of the dance are: R. J. Serson, chairman; C. Beal, Preston E. Heath, Walter Scott, and J. Papantony.

From Tour of Globe

Kent H. Parker, '28, graduate of the Fire Protection Engineering department, who left immediately upon graduation last spring for a tramp to Australia, returned this week after a nine months' globe trot. In that time he saw Japan, China, and Australia in the Orient, and returned via member.

editor of the Cycle of 1928, a cornetgraduation.

Thirteen intrepid chemists from Professor Freud's class in Organic Chemistry scoffed at superstition and Senior Five, School embarked on an inspection trip last Senior Five, School Tomorrow evening at 7:30 in the was made under the supervision of

as to produce the least amount of house last night. The efforts of the trition specialist and in her talk will speed of operation. Pipes were used Jewelry Committee promised a lower that they will have to evercome their The Six Characters do not tell the committee in charge to have some endeavor to interpret the results of throughout the building to convey the price on the class rings than has stage-fright. hazardous constituents of the lacquer been available for several years. The The men who are in shape to com-The research conducted in the lab- from process to process, both pump chairman of the committee on pete, and who will be on hand to fight

Perhaps the greatness of Piran- Smith, '29, and a blindfold boxing meats, fruits, and vegetables the year growing into a sizable business. Last bel Sykes. According to R. F. Stel- Nelson, Schlessberg, Schwartz, and round. Studies of methods of proc- year the Sherwin-Williams Company lar, the Seniors should adhere as Dalrymple, as well as Coach Carbett ply and let the play speak clearly for E.; John W. Gamble, '29, F. P. E.; lems have resulted in rapid improve- a laboratory of eight experienced re- course in "Public Utility Economics" Chifford, and Stevens bave all been 'search man.

EDISON CO. TO FURNISH NEXT A.I.E.E. SPEAKER

The subjects of the A. I. E. E. meeting talks for the next four gatherings of the society were announced at the final meeting of this semester, held last Monday.

The first of the series will be on 'Mercury Rectifiers," by a speaker from the Commonwealth Edison Co. The second talk will be by a representative of the C. M. & St. Paul R. R., whose topic is to be "Electrification of Railroads." A Federal Electric Co. man will give the third lecture on the subject "Neon Tubes," while the fourth meeting will be taken up with the showing of a film on "Arc Welding." These topics were announced by R. J. Guenther, who is chairman of the program committee of the association.

Further business at this meeting included a report from Chairman C. of the society leads in the number of chance to win the game. participating students.

Before adjourning the meeting, McDonald made a plea for more assistance on the part of the Juniors in conducting the meeting, so that when they become Seniors, their previous Serson is at present making an ef- experience will guarantee efficiency

> The "Campus Club" has formulated plans for a dinner to be held next Wednesday, Jan. 30, at the Great Northern Hotel, Dearborn and Quincy Streets. This dinner will climax the social activity of the club for the term.

A. J. Frost, '30, is chairman of the committee.

Next Issue of News

The next issue of the NEWS, Issue I of Volume III, will appear on Registration day, Monday, Feb. 4 At that time subscriptions will be sclicited by the staff for the new semester, at \$1.00 per subscription.

the Panama Canal and the east coast | The burlesque issue will not be System of Fire Alarms." That 74to New York City. Last Tuesday run on February 4 as previously stat- 000 fire signals are received by the evening he visited his brothers at the ed, but on Thursday, Feb. 14, which Illinois District Telegraph Co. every Theta Xi fraternity, of which he is a happens to be St. Valentine's Day. twenty-four hours was one of the in-Thereafter the NEWS will again ap- teresting facts given. Parker, it will be remembered, was pear every Thursday in regular form.

The incoming staff is being organist in the Band and Orchestra, and ized with a view toward perpetuation Carroct Leas I 1000 honor man in his department upon of the school newspaper next year. semester are to be managed exclusively by the subordinates on the In Huge Lacquer Plant present staff, so that they will be better qualified to assume full respnsibility in the fall.

Friday afternoon. The trip, which Champs, Get Sweaters

At a meeting held last Monday ciety will hold its first meeting of the plant of the Sherwin-Williams Com- morning, the Senior Class voted to new year. The speaker of the eve- pany in Calumet. No casualties oc- award sweaters to the seven members considered the toughest in the of the Senior basketball team which league. For several years in succeswho has been for some time the di- bers and the contraction of five or won the interclass championship re- sion that team has defeated the Chicently. The sweaters will cost \$7.50, cago "Y" Champs without much ef-Approximately one hundred fac- ics, of the National Canners' Asso- The group was highly impressed of which amount \$6.50 will be paid fort, so that the Tech bexers will be Luigi Pirandello, an Italian, who be- ulty, alumni, and student members ciation. Her subject will be "How with the efficiency of the plant. Eve- by the class and the remaining \$1.00 up against a stiff struggle. In additional struggle and the remaining \$1.00 up against a stiff struggle. In additional struggle and the remaining \$1.00 up against a stiff struggle. In additional struggle and the remaining \$1.00 up against a stiff struggle. In additional struggle and the remaining \$1.00 up against a stiff struggle.

was again referred to the committee absent recordly because of illesses.

ARMOUR SEEKS DE KALB SCALP SATURDAYNIGHT

Varsity To Avenge Defeat of Last Week on Floor of Foes

Saturday night, Coach Krafft. Manager Cal Johnson, and the array of Armour cagemen will invade the basketball haunts of DeKalb Normal College seeking to avenge that 25-22 setback handed them in last week's

Although Armour will be the guests of DeKalb, they have no inclination to refrain from beating them. The proceedings are scheduled to be fast in every respect, and DeKalb may likely be surprised to find Armour break through their defense.

DeKalb Confident

De Kalb now, having defeated Ar-J. McDonald on the meeting of the mour, perhaps feels as though they student activities committee of the could very easily repeat their per-American Institute of Electrical Engi- | formance. Should Armour climb inneers, which he and Professor More- to the lead in the early minutes of ton attended as representatives from play, this play would no doubt jelt Armour Tech. At that meeting it the confident De Kalb teachers seriwas revealed that the Armour Branch ously enough to show Armour has a

Armour's poisonous thrusts against the school teachers in the last game stored up sufficient enthusiasm to steel them to forget the early part of the game and cause them to renew the attack they had launched in the closing minutes of play.

Armour Fails at Marksmanship Armour's failure to perfect its shots has led to the loss of more than one conflict. The two and three point margin that has constantly stood in the way of victory should be attended to. All that is necessary is to put a little more sting into their blows, and a little more accuracy into their shots.

De Kalb is next on the list. The team is determined to carry home news of a victory this time, instead of just another loss by a close score.

Out Registration Day "Aero System of Fire Alarms," Talk to F.P.E.

Mr. H. L. O'Brian, of the Illinois District Telegraph Co., was the speaker at a meeting of the F. P. E. Society held on Friday. The subject of Mr. O'Brian's talk was, "The Aero

Several of the issues of the coming Of PUSS IO So. CHICAGO

The Armour Tech boxing team. under Coach Garbett, will strike out to So. Chicago next Saturday evening one dozen strong with intentions of taking a meet from the So. Chicago Y. M. C. A. pugilists.

The fights will begin at eight P. M. Ten matches are expected to be fought, although a few more may be framed at the last minute.

Opponents Are Champs

The So. Chicago "Y" boxers are Committee reports constituted the match will be the first in which mess Miss Atwater is a well-known nu- effort and the greatest safety and main business of the meeting. The of the Tech men have competed, so

The fix still seems to be prevalent. especially among members of the fac-

dello lies less in his invention and match, took place. searching comment upon life, than in The men who assisted J. W. Manz, essing, of factors contributing to bac- used \$2,000,000 worth of raw mate- closely as possible to the appoint- himself. the skill with which he keeps cross- 29, M. E., chairman, in the prepara- terial spoilage, of vitamins in canned rials in its production. The lacquers ments, although if desired, a sitting currents from confusion. The story tion of the entertainment are R. J. goods, of the relative value of dif- are constantly being improved and may be had before an appointment is told with a skill that asks of the Guenther, '29, E. E.; B. W. Hindman, ferent weights of tin coating or con-their use constantly extended into slip is given out. audience only that they follow it sim- '29, E. E.; H. E. Goranson, '29, F. P. | tainers, and many other such prob- new fields. The company maintains | The matter of abelishing the ulty. Professors Richardson, Nash.

ARMOUR TECH NEWS Student Publication of the ARMOUR INSTITUTE OF TECHNOLOGY

CHICAGO, ILLINOIS Published Weekly During the College Year

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JANUARY 24, 1929 Vol. II.

More About the "Honoraries"

The article in this column last week entitled "Honoraries or Cliques" was followed by a heated, but muffled discussion, which seemed to indicate that everyone was interested but no one dared voice their opinion on the matter. The only action taken was in the form of a letter which we print in the "Letter-Box" of this issue.

If the letter above mention represents the opinion of the society, which society is supposed to represent the best minds in its department, it simply bears out the truth of the assertions made last week. We have only to ask if the author's flat denial of our charges applpies equally to last week? to the deplorable state of affairs which existed in his very society a year ago, and if he can offer any guarantee that the same favoritism will not again crop up next year.

The facts regarding last week's article are incontrovertible. These facts were presented not merely because shone brightly, and the snow lay sparkling in the forethey happened to be the private opinions of the editor, ground. All the world lay a sordid, broken bubble at his as the author of the letter would imply, but because they feet. All seemed shrouded in darkness; there was no ray are the basis of a condition which has been a subject of of hope. There was no justice. For the first time this common discussion and criticism among students, and semester he had come to class prepared, and the profaculty as well.

The injustice of the present situation is that while those who hold the keys receive their rightful honor, those who are refused the keys, however deserving they may be, are looked upon as unworthy by everyone not fully acquainted with the true facts.

Now, if we may not look with any hope for a correction of this state of affairs on the part of the honoraries themselves, in order to honor those who have honored struck his fancy. themselves and A. I. T., and will continue to honor A. I. T. with their scholastic attainments, we should suggest that the Institute give some award, by a fiing recogniion of that achievement which is the goal of all educational institutions of character, namely, scholarship.

Therefore, in the absence of any honor thus shown, or shown only in particular cases, to remove the stigma placed on one by a rejection to membership in an honorary fraternity, and to show justice to those who have been thus refused, we should suggest that A. I. T. attach to its degree some measure of the students ranking, which in the case of a superior student, would be equivalent to the degree with "Summa cum laude" as awarded by many but it's a highway to a civil. institutions.

Don't Mind Them Finals

Y' call 'em quizzes until the end of the semester rolls around. Then y' call 'em finals. There really ain't a bit of difference between the two. Oh, of course, you get one or two more questions and twice as much time on a final as you do on a quiz, if y' want to call that a difference.

The only reason you fellows are scared of the finals is that the profs have got you bluffed into thinkin' they're gonna spring a stiff set of questions that'll floor you right off the bat unless you're a super-A student. Don't believe it, gang. Take it from me, a grad that's been through a lot of finals in my day, they're pie!

If it's a final in Strength, or Structural, or Concrete, all y' gotta know is that S equals Mc/I, and if it's Mechanics, just remember that summation Y equals summation X. And if you think you're stuck in Physics, why just put down that what y' started with is the same as what y' got left, except fer the losses. In other lingo, just know the fun-damn-entals and yer all set. With one exception. If it's a final in History or Civ. or in up and come straight down. That's old stuff; we've al- which he knows practically nothing, Poly Sci. or Economics, why just write 'till the ole book ways avoided airplanes for just that reason. is full, and then you'll get an A. But be sure that you write so that it's hard to read, 'cause then you'll always get the benefit of the doubt.

-Spirit of '76.

THE SLIPSTICK?

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

THE WAIL OF THE COLLEGE MAN

A macaroon A cup of tea An afternoon Is all that she Will eat. . . . She's in society. But let me take This maiden fair To some cafe And, then and there, She'll eat the whole Blamed bill of fare.

In the Limelight

Tramp (knocking on the farmhouse door): Lady, I'm dying from exposure.

Lady: Are you a tramp or a member of the Sanitary Board?

"Is that you, dear," said the young husband over the phone. "I just called up to say that I won't be home to dinner tonight, as I am detained at the office."

"You poor dear," answered the wife sympathetically. "I don't wonder. I can't see how you can manage to get

> Prof. Leigh: Do you know why they have the screen door on the lunch room in the winter time?

Class: We'll bite, why?

Prof. Leigh: To keep the snow flies out.

---Freddie.

BREAKING THE NEWS GENTLY

Son: Say, dad, remember the story you told me about the time you were thrown out of college?

Dad: Why, yes.

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Son: Isn't it funny how history repeats itself? -Freddie.

A certain sophomore should be awarded the prize for the most useful contribution to suffering humanity. He has discovered that by wearing colored glasses, ostensibly to protect his eyes from the glare, that he can doze in class without the professor seeing that his eyes are closed.

Seniors, Please Note

Bride: Aren't you the same man I gave some biscuits

Tramp: No, mum, and me doctor says I never will be —F.B.A. again.

The bell rang. Slowly he rose to his feet and shook his clenched fist toward the clear January sky. The sun fessor was sick.

Relativity Soph: Waddya get on the calc. quiz?

Nother: Zero, but that's nothin' to me.

McTavish (this is a Scotch story, you know) went into an antique shop to purchase a pair of antlers that had

The haggling went on, but Mac was unsatisfied and voiced his complaint:

"Mon, mon, are they no' awfu' dear? "Of course they're off a deer," roared the dealer, "did you think they came off a rabbit?"

Reservation Cossip Indian: Let you and me go on the warpath. Chief: Not a chance; it just been paved.

-F.B.A.

Just goes to show that it may be a path to an Indian !

Amusing Dialogue Between a Very Tight Man and the To the Letterbox: Ambitious Bootblack

Shine yer shoes, sir?

No, snapped the man.

Shine 'em so you can see your face in 'em? No! I tell you!

Coward, hissed the bootblack.

Doctor Scherger speaks quite frequently out of school, and so, one day, he was pleased to have a student come nies any of the accusatory charges up to him and say, "Say, Doctor, I want to tellyou how much I enjoyed your lecture last night. I certainly did." The doctor was pleased, but as the affair was at a private member, to show publicly or privateclub, he was curious as to how the chap had gotten in. Iy that election of members is made | | "Oh," says he, "I was calling on my girl; her parents on any basis except that of merit. went to hear you."

Overheard in Woolworth's

Floorwalker: What did that Scot who just left want? the organization and desires to use Salesgirl: He wanted to know where the shoe depart-the NEWS as a mouthpiece, that is ment was.

The gyroplane, the new airplane, is said to go right by condemning fraternities about

Here's wishing you the best of luck — and you'll need more than luck next week.

Al Auerbach.

ann.)

Book Reviews

By JOEL M. JACOBSON, '29

Edna St. Vincent Millay-Poetess Edna St. Vincent Millay, one of the best known of the modern poets, was born at Rockland, Me., in 1892. Her early years were spent in this and other New England towns where her talents were soon recognized by a small circle of friends, one of whom became sufficiently interested to send her through college. Since her graduation from Vassar college in 1917 she has lived in that section of New York which has become famous as Greenwich Village. Her first real recognition as a poetess of note came with the publication of "Renascence" in 1912. Written when she was only 19, it is still considered her best work and it is in this, her first poem, that Miss Millay has shown her real talent, that of putting into words that awe of the grandeur of nature which mos of us have felt but found difficult to express. This is clearly evident in a later poem, "God's World":

"O world, I cannot hold thee close enough!

Thy winds, thy wide gray skies! Thy mists that roll and rise!

Thy woods, this autumn day, that ache and sag And all but cry with color! That

gaunt crag To crush! To lift the lean of that black bluff!

close enough!"

Miss Millay has many sides and though she can be thus loftily spiritual and imaginative she can also be description of a rural community is bitterly ironical. This little sonnet embodies her whole philosophy of

"My candle burns at both ends; It will not last the night; But ah, my foes, and oh, my friends

It makes a lovely light!"

Louis Untermeyer, poet and critic, thinks of this poem and others like it that "Miss Millay seems to have exchanged her birthright for a mass of cleverness." Miss Millay, however, no matter how "cynical and ignoble" Mr. Untermeyer may term her verses has here expressed her whole Epicurean philosophy, about which the editor of the Poetry magazine says; "wilful, moody, loving and forgetting, a creature of quick and keen emotions, she has followed her own way and sung her own songs." Edna-Millay puts all her life, her emotion, her passion, her very being into her poems. She has no regard for her own feelings and less regard for ours. There is no poem of hers that one can read without sensing that here is Miss Millay herself, speaking of her own emotion and from the depths of her heart whether the poem carries the "sophisticated smirk" of "A Few Figs from Thistles," or the "concentrated ecstacy" of "A God's World." Louis Untermeyer places Edna St. Vincent Millay with Elinor Wylie, Jean Starr Untermeyer, William Rose Benet, and a few others, in a group he names the "lyricists." Were I writing the criticism I would place her alone and call her the "Emotionalist." Both her life and her work would fully bear me out.

LETTER-BOX

In his editorial on "Honoraries," J. H. in the general denunciation includes several fraternities of which he is not a member and with which he is totally unacquainted. Among these is Eta Kappa Nu, represented at A. I. T. by Delta Chapter.

Delta Chapter wholly and flatly demade and sincerely invites anyone at the Institute, student or faculty

If the editor has any debate with Tau Bate over the failure of some of his pet proteges and others to "make" his privilege. Under no circumstances, however, is he justified in malicious-

I think an apology is in order. R. J. GUENTHER, President, D. of H.K.N. (Editor's note: See Editorial col-

OUR PREXY



DR. M. H. RAYMOND (Biography)

By T. J. LEARDI, '29 Dr. Howard M. Raymond, President of Armour Institute of Tech-World, world, I cannot hold thee nology, popularly known to the students as "Doc," was born on a farm in Grass Lake, Mich., receiving his grammar school education in a little red schoolhouse, without which no complete. After the completion of his grammar schooling, he went to he graduated in 1889. He took part in several of the school activities, being a member of the baseball team,

and editor of the school paper. After graduation from high school, he cotered the University of Michigan, from which he graduated in 1898 with a degree of R.S. in E. E. While in college he became a member of Phi Delta Theta irsternity, played basebull with the Engineeing and Fratornity toams, became a member of several engineering societies, and dramatic clobs.

During the college vacations he worked on his father's farm. After graduation, he faced the economic problem of finding a job in his chosen profession, something hard to find at that time. He made a connection in the engineering department of the Rockford Electrical Manufacturing Co., where he stayed a year, after which, feeling the need of still higher learning, he returned to the University of Michigan for post-graduate work in Physics and Electrical Englineering during the years 1894-95. He was then appointed Director of the Manual Training School at Isapeming. Mich., but resigned to accept a position as instructor in physics at Armour in 1895.

Since then, his rise at the Institute has been rapid. He was given an honorary membership in Tau Beta Ni. was appointed Associate Professor of physics in 1898, Principal of Armour Scientific Academy in 1900, Professor of Experimental Physics and Dean of Engineering Studies from 1903 to 1922. In 1921, after the death of Doctor Gunsaulus, he became Acting President of the Institute. On May 23, 1922, he was elected President of the Institute. He is also a Trustee of Armour Institute of Technology, and President of the Board of Trustees of Armour Mission. In 1922, he was given the honorary degree of Doctor of Science from the Colorado School of Mines. He holds membership in the Society for the Promotion of Engineering the village high school, from which Education, and is a Pellow in the American Association for the Ad-

(Continued on page 3)

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Staff of "Engineer" Continues Efforts To Appear Monthly

Takes Time To Change Because of Nat'l Advertisers

Engineer" as a monthly will depend on the student body, according to the 7:00 P. M. staff members.

They state that the change-over of the magazine will probably extend over a period of one year because of the national scope of its advertising. It is expected that in the event that the magazine appears next year as a quarterly there will be a deficit of four hundred dollars. This might be overcome by obtaining the money from the A. T. A. A. but there is much doubt as to the possibility of this solution. The editors declare that the Engineer has contributed considerable more than this to the A. T. A. A. Another suggestion is that the student body contribute fifty Co." cents a year for the added expense, for which they will receive double Out of the house a Burglar stole, benefits.

As "Armour" is one of the few members of the "Engineering College Magazines Associated" which is not a monthly, this move is far from revolutionary. Some figures of the recent competition held will probably bear out this point. Of the quarterlies registered there, five main awards of only second and third place; or only 20 percent of the awards were however contributed eleven who won awards with nine placing. The "Minnsota Technology" headed the list with three first places, one second and four honorable mentions.

As there was no constitution or written agreement which could be

Paul S. Clapp Addresses W.S.E., A.I.E.E. Meeting

branches of the Western Society of Engineers and of the American Institute of Electrical Engineers heard Paul S. Clapp, managing director of the National Electric Light Association speak at a joint meeting of the A. I. E. E. and the W. S. E. at the Engineering Hall, Engineering build-The appearance of the "Armour ing, Wacker Drive, and Wells Street, on Monday evening, January 21, at

His subject was "The Electrical Industry in America." He told of the extent and magnitude of the electrical industry of the present day, how it has developed, and its future trends. He explained how its many diverse and seemingly unrelated components are connected; how one section of the business depends upon another for its existence.

The next address before the W. S. E. at the Engineering Hall will be Monday evening, January 28. At that time, G. A. Saint, Assistant Engineer of the Chicago and Northwestern Ry. Co. will speak on "The Proviso Yard of the C. & N. W. Ry

A bag of Chink he chunk;

And many a Wicked Smile he smole, And many a wink he wunk, And many a Hideous Grin he grun, And many a Thought he thunk.

found in the organization, one has been drawn up. According to an agreement which it is hoped will be adopted before the next term, a managing board is made provision for. given the quarterlies. The monthlies This board will consist of six students and three faculty members. Professors J. C. Peebles, E. H. Freeman and W. Hendricks have accepted these positions on the magazine. is hoped that through the efforts of the board the magazine will improve

FRATERNITY NOTES

Phi Pi Phi

The Phi Pi Phi fraternity will hold vancement of Science. He started the Several members of the student its annual mid-semester party on night and summer schools at Armour Saturday night, Feb. 2. Professors with Professor McClement, head of Roesch and Kuchn will be chaperones the Chemical Department at the time, for the evening.

> Sigma Kappa Delta George Horras, F. P. E., '30, fell on the ice last Friday evening following the Junior dance, and suffered a fractured fore-arm.

Theta Xi

Theta Xi will hold a smoker for its alumni tonight at the chapter house. Professors Paul and Perry, and Dean Penn will be the faculty members present.

Election of officers was held Tuesday, January 14. The officers for the new semester are as follows:

- P. Heath, '30, President
- E. Higgins, '30, Secretary M. Saunders, '30, Treasurer
- P. Kjellgren, '31, Steward
- W. Schrader, '31, House Manager F. James, '31, Corresponding Sec.

Triangle

Triangle fraternity inaugurated a new policy this year in holding an election of officers between semesters. The men put in office as a result of this election follow:

Henry Christiansen, '29, President John G. Sitzler, '30, Vice-President Richard L. Quinby, '29, Secretary Roland M. Spencer, '30, Treasurer Donald Fetterman, '31, Steward John Attwood, '29, Librarian Fred Rasmussen, '30, Editor

Triangle also wishes to announce the pledging of Harvy C. Rossing, C.

south shore of take Michigan is beweek.

DR. H. M. RAYMONI

(Biography) (Continued from page 2)

and Mr. J. B. Thomas of the Department of Mathematics.

Doctor Raymond, being of farming ancestry, is a great lover of outdoor life. For many years he operated the farm on which he was born, and was particularly interested in the raising of live stock and diversified crops Since disposing of his farm in 1928, he now finds rest from his toils and worry in the sylvan retreats of nature, and at his mother's old home in Michigan. His present residence is 7100 South Shore Drive, Chicago.

Flask and Beaker, Armour chemical club, held the formal initiation of V. Sturm and P. Ruzevich Wednesday evening, Jan. 16. The informal initiation was held in the afternoon of the same day.

"That is a skyscraper," announced the guide.

"Oh, my, I'd just love to see it work!"

Teacher: Now, Jimmy, what happened when the cow jumped over the

Jimmy: Somebody got an idea for vanishing cream.

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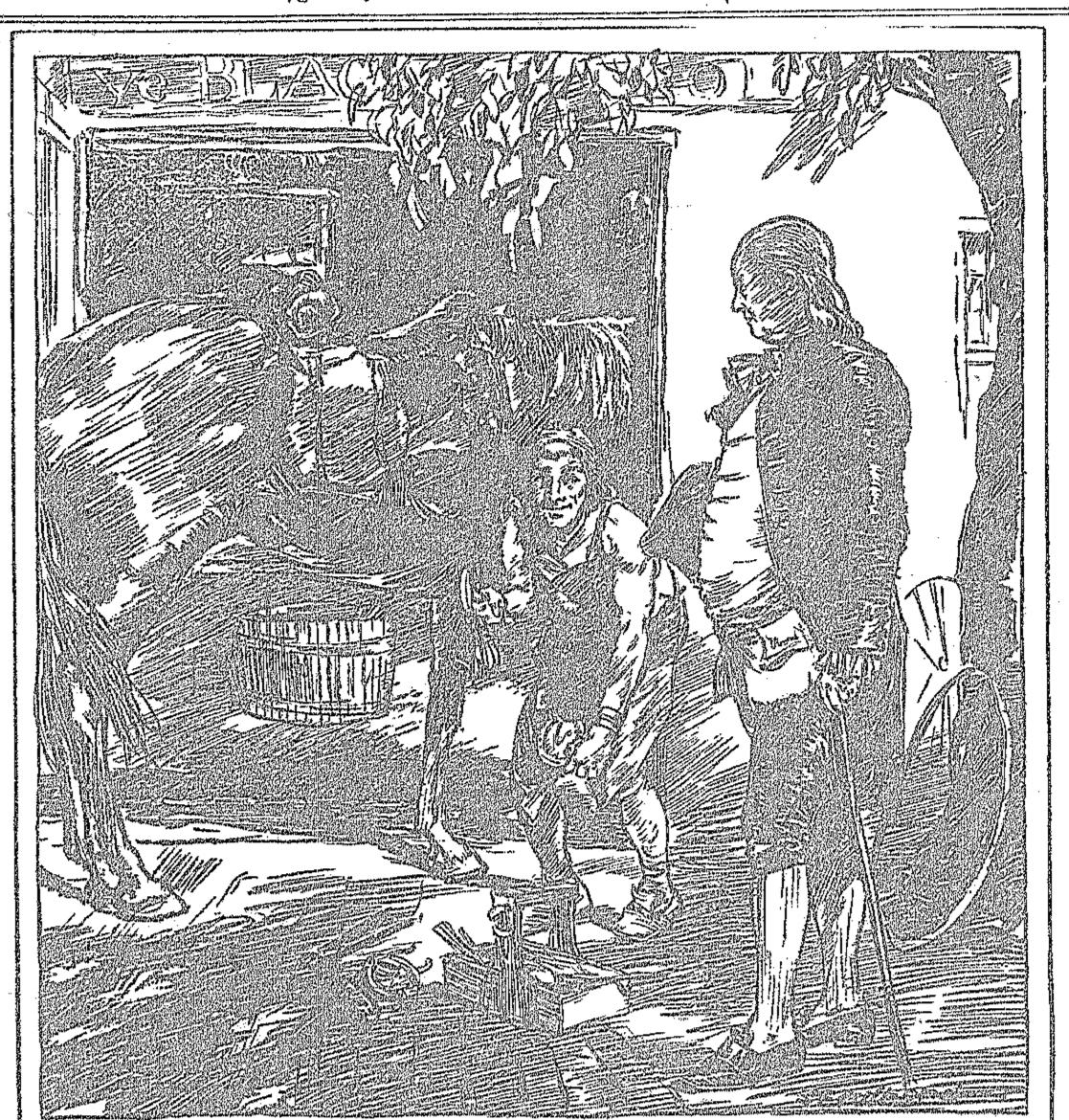
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The care given to details can still make or break a great plan. In the telephone industry, for example, the development of compact paper insulation helped to make possible the small diameter cable and therefore the vast underground plant necessary to serve large cities.

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TECH BASKET PFD. DROPS 3 MORE POINTS

Ticker Shows Armour Again Suffers Loss

Armour's basketball stock took an other jolt downward last Thursday night when the De Kalb Normal scored a 25-22 victory over our cage-It was just another one o those hard fought games with the prospects still appearing to be bright until the final second.

.... De Kalb Leads Armour at Half At the half Armour trailed by a sixteen to ten count. De Kalb kept Armour at bay during this session; they had an edge over the Krafftsmen both in floor performance and marksmanship.

The game was scarcely in progress 14 minutes when ""Augie" Augustine was forced to take the bench because of having committed four personal weakened Armour's defensive strength; it was after this period that De Kalb commenced increasing the lead over the Armourites until there two team's score when the first period ended.

Armour's last minute fight, earning three points, was unfaltering and showed the pep that the team has successful.

ing minutes of play intensified the its last attack for the lead.

Captain Manz's, Simpson's, and Rossini's sharp eyes greatly benefited the team while Augustine's, Goodheart's, and Carlson's guarding was well re-inforced. Ott and Rutkowski took their stand in the last half and served well at their positions.

Lineup: Armour (22) Manz, rf. Simpson, If. Rossini, c. Augustine, rg. Goodheart, ig. Ott, If. Carlson, rg. Rutkowski, lg.

De Kalb (25) Chris'en, rf. Johns, rf. Huntzicker, If. Biehl, c. Weston, c. Strombon, rg. Cheli, lg. Lakin, lf. Hannigan, rg. Suthn, Ig.

Umpire-Glick. Referee-Serf.

In Fraternity Games

The Sigma Kappa Delta aggregation humbled the Phi Kappa Sigma | pense during the entire conflict. quintet Monday, in the second round of the inter-fraternity basketball contest, by a score of 19-11.

meant business by not allowing the Phi Kap's to take the lead during any part of the game. The Phi Kaps did not score a point against their flashy their favor. opponents until·late in the second quarter. The score stood 6-2 at the half with the S. K. D.'s ahead. Ross was the leading point man for the fer, for they were completely outvictors with two baskets and a gift pointing and outplaying their oppontoss to his credit while Smith of the losing quintet scored three baskets.

Those who represented the S. K. D.'s were Peterson, Ross, Kutteruf, Kramer, Gibson, Hindman, and Stehno. The following men played for the Phi Kaps: Hurley, Smith, Hendricks, Wilson, and Larkin.

fouls. The loss of "Augie" seriously Phi Pi's Down Theta Xi In Fast Exciting Game

The Phi Pi Phi basketball team was a difference of six points in the defeated the Theta Xi quintet Monday in their second game of the tournament, winning by the score of 19-

The game, however, was not the been lacking in the other games. | walkaway that the score leads one to The defensive strength was almost believe, but on the contrary was a air tight while their offensive was fight from start to finish. The score at the half was tied at eight apiece, Ott sinking a long shot in the clos- most of the T. X. points having been scored by Pillott who sunk four gift neat of the contest as Armour staged | tosses and a basket, becoming high point man for his five.

> McArdle and Ott tied for the high Earle, '17. scoring honors in the Phi Pi circle, with six points apiece. Jennings showed surprisingly good acquaintance with the ball by scoring five tal-

Serson, Pillott, Schirmer, Fee, Rowley, and Gedelman made up the T. X. five while McArdle, Ott, Jennings, Stellar, and Cassidy composed the Phi Pi quintet.

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S.K.D. Trims Phi Kaps "Y" Game Close, But Score Still Backwards

Last Saturday night, "Y" College handed Armour a 29-23 defeat in a fast game that kept the fans in sus-

The first half was somewhat of a frustrated affair that ended 17-10 in favor of "Y" College. On the opening of the second fifty-percent, Ar-The S. K. D.'s showed that they mour began taking things seriously, and commenced sinking baskets from all angles of the floor until they had in 1:26 1-5. twenty-three points chalked up in

> Tech boys were commanding all the respect that the onlookers had to ofents. Ott's long shot from the center of the floor, together with counters from Simpson and Manz, were among the team's most striking accomplishments, but in spite of all the 1:26 1-5. effort being displayed toward the end of the game, their bad start cost them a victory.

Bureau Of Standards

(Continued from page 1) and work on their development.

The "Commercial Standards" division of the Bureau takes care and protects the international measurement standards and calibrates subsidiary standards.

Other articles to appear will feature "Automobile Testing" by James C. Zeder, Chief Engineer of the Highland Park division of the Chrysler corporation. Tests and test methods are reviewed in this article.

The "Development of the Hydraulic Turbine" featuring the "Fraucis" and "Nagier" or propeller type turbine, concludes the series by R. H.

Two student articles are also featured in this issue. "Stage Lighting" by F. H. Juergenson, '29, and "Color and the Motion Picture," by M. B. Golber, '29, give valuable information along their respective lines.

CKANE DEFEATS ARMOUR, 30 TO 20, | in swim meet

Armour Tech swimmers succumbed to the superior form of the Crane Tech natators by a score of 30 to 20 in a dual meet held Monday at the Crane Junior College pool.

In the individual races, Armoux Tech copped three first places against two for Crane, but the lead was lost in the relay in which Crane finished

Walter Trognitz, '30, captain of the Armour Tech swimmers, was win-At this stage of the game, the ner in the 100 yard breast-stroke event, while Knox of Armour took two first places, one in the 40 and one in the 100 yard crawl Notable swimming was also done by Cavanaugh, Filmons, and Davidson.

> Summaries: Relay-Won by Crane (Monson, Bielinski, Lakin, Retsky). Time,

40 yard crawl-Wn by Knox, Armour; Bielinski, Crane, second; Lakin, Crane, third. Time, :21 1-5.

100 yard breast stroke-Won by "Engineer" To Feature Trognitz, Armour; Cavanaugh, Armour, second; Monson, Crane, third. Time, 1:16.

100 yard back stroke-Won by fabrics and other organic materials Weston, Crane; Fuhr, Crane, second; Filmore, Armour, third. Time, 1:17

100 yard crawl-Won by Knox, Armour; Retsky, Crane, second; Poska, Crane, third. Time, 1:03 2-5.

220 yard crawl-Won by Lakin, Crane; Weston, Crane, second; Davidson, Armour, third. Time, 2:50.



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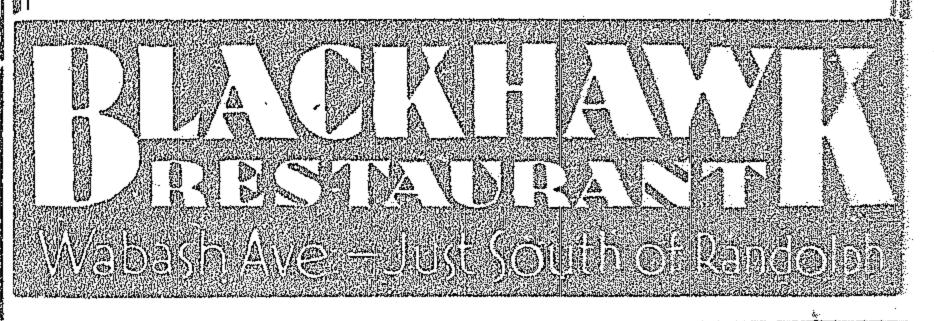
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