

### Underwriters' Lab Awarded Morehead Acetylene Medal

The James Turner Morehead Medal, founded by James M. Morehead of New York as a memorial to his father, was awarded to Underwriters' Laboratories for its work and co-operation on apparatus used in the advancement of the use of acetylene gas.

The Morehead medal is awarded annually by the International Acetylene Association to the person or persons who in the judgment of its officers and board of directors, have done most to advance the industry of the art of producing or utilizing calcium carbide.

The discovery of acetylene was announced in England in about 1885, but the method used was not applicable to a commercial use. In 1892, Mr. Morehead and his associate, Thomas L. Willson, working at Spray, North Carolina, discovered, partly by accident, the process of making calcium carbide on a commercial scale. This process was rapidly followed by the development of the electric process at Niagara and led to the extension of the acetylene business for lighting, welding, cutting, and other processes used today.

The medal itself is very beautiful, being of gold, and designed by the Tiffany Company of New York. It has previously been awarded to James Turner Morehead, Noah Wagner, Edward Fouche, and Augustine Davis. Underwriters' Laboratories is the first institution to receive this distinction.

R. A. Sossong, president of the Association during 1926, in his presentation address, outlined the activities of the Laboratories in the field of acetylene and expressed the deepest and most sincere appreciation for what they have done and are doing and the hope that continued benefits will be forthcoming from contacts in the future. Mr. Sossong spoke very highly of the work done by W. H. Merrill, founder and first president of Underwriters' Laboratories, and his associate, Wm. C. Robinson, first chief engineer and vice-president of the Laboratories.

President Dana Pierce in accepting the medal for the Underwriters' Laboratories outlined briefly the different types of apparatus which have come to the Laboratories for test. The first acetylene report is still on file and deals with the Eagle water-feed acetylene gas generator made by the Walmsley Company of Chicago. Many other lighting equipments came to the Laboratories for test and were approved, only to be made obsolete by the introduction of electricity for lighting. The early work, begun about 1907, dealt wholly with lighting plants, resulted in the publication of the rules in the edition of 1910.

Mr. Pierce closed his discussion with the following remarks: "In accepting this Morehead Medal I repeat my appreciation of the honor it confers upon Underwriters' Laboratories and speak for all those of our staff, past and present, who have shared in the work on acetylene, in voicing their thanks to you. The medal will remain to us and to our successors a record of a successful past and an inspiration to future attainments in scientific and industrial development in co-operative work between Underwriters' Laboratories and the International Acetylene Association."

(Editor's Note: The Junior and Senior students in Fire Protection Engineering hold classes in the Hydraulics Department of the Underwriters' Laboratories every week as part of their regular course.)

### Tomorrow Is Dead-Line On Orders of Grad Bids

The committee which is handling the Senior Graduation Announcements has set April 10th as the final day on which orders will be received. This allows only one month for the engravers, the E. A. Wright Company, of Philadelphia, to make delivery.

Two different types of covers have been selected; one a low price paper-bound, which costs twenty-five cents, and the other a more expensive leather cover which retails at fifty-five cents.

The name "ARMOUR" appears in raised letters on top of the cover, with the school crest below. The words "TECH" and "1928" appear at the bottom. The binding on the cover consists of leather strips woven into fillers; a silk cord is used for fastening.

Ernest Willis is chairman of the committee, with C. Gustafson, Harry Krieger, N. Cottingham, and J. Even as assistants. Orders may be placed with any of these men, a deposit of one dollar being required with all orders.

### Rifle Club First Team Wins Inter-Tourney

The first team of the Armour Tech Rifle Club defeated the second team in a competitive match on March 27th at the Regimental Armory.

Scores were as follows:

FIRST TEAM--	
S. Pulaski (Captain) .....	72.0
O. S. Janiszewski .....	71.5
L. Statkus .....	66.5
H. Montgomery .....	65.5
W. Kerr .....	63.0
F. Farrell .....	63.0
J. Jacobson .....	39.5
SECOND TEAM--	
A. Martin .....	68.5
W. Pore .....	57.5
D. Garen .....	56.5
V. Mironowicz .....	56.0
R. Young .....	55.0
G. Kuta .....	49.0
L. Ericsson (Captain) .....	44.5

The official scores of that of the five highest men on each team, all scores being based on a possible 100. A match between the first team and the third has been arranged for April 17th. A return match between the first and second teams has also been arranged and promises to offer some keen competition.

Three thousand rounds of ammunition have been purchased by the club, the members receiving the ammunition at reduced prices.

### Sophomore Girls Whip Juniors; Score 26-20

A baseball match between the Sophomore and Junior Civils in Ogden Field last Tuesday afternoon resulted in a 26 to 20 triumph for the lower classmen. The most spectacular inning was the third, in which the Sophomores scored thirteen runs in quick succession to the bewilderment of the Juniors. In spite of hard fighting for the remainder of the game, the older team was unable to overcome the advantage of their opponents. Weitzul, pitcher for the Sophomores, and Friedman, third baseman for the Juniors, featured in the contest by their exceptional batting. The line-ups were:

SOPHOMORES--	JUNIORS--
Fensterle .....	lb..... Kloepfer
Edstrand, .....	rf..... Jacobson
Paradzinski .....	3b..... Friedman
Phillips .....	lf..... Leardi
Dusberger .....	c..... Nissen
Weitzul .....	p..... Farrell

### Dr. Raymond Motors to Grass Lake, Mich., to Spend Easter

Dr. Raymond and his wife drove up to his old home near Grass Lake, Michigan, over the Easter holidays. He is expected back this morning.

### SR. ARCH WINS BEAUX ARTS FIRST AWARD

T. E. Samuelson, senior architect and member of Scarab, national honorary architectural fraternity, won the gold medal as first award in the Beaux Arts Project Competition. The contest was open to senior class A students of architecture in schools listed in the Beaux Arts. About 350 drawings were submitted from institutions all over the country. Samuelson presented a drawing of a Protestant church as his project.

This is the first time that an Armour student in the regular course has won such an award in the last seven years. Considerable credit is due Mr. H. K. Bieg, Instructor in Architectural Design, who had charge of the seniors entered in this competition. Mr. Bieg graduated from Armour in 1924, and in the same year won the Paris prize in architecture, consisting of a three year scholarship to study art in Paris. He returned this fall to take his post as an Instructor.

### Lombard to Bellwood Was Hiking Club's Tramp

On March 19th the Armour Tech Hiking Club was organized by a group of students who were interested in tramping as a hobby. The club has been very active to date, under the direction of F. W. Spalding as president and S. S. Pulaski as secretary, and arrangements have been made for several interesting hikes in the near future. Their most recent jaunt was made last Friday, the 6th, when they footed the distance from Lombard to Bellwood. There being no classes, the day being Good Friday, they were able to get off to an early start.

Further plans of the club include walks to Starved Rock and to the Indiana Sand Dunes. These will materialize as soon as the weather becomes slightly more stable.

### Purdue U. Scriveners Found New Magazine

Purdue University has recently gone through the same experience as Armour has just had, in that they have also founded a new publication. Their new project is not a newspaper, however, but a purely literary magazine, published by their Scriveners Club and called "The Scrivener." A small book-shaped affair of about 40 pages, it contains stories, plays, and poetry of a varied nature, though all written by Purdue students.

When it is considered that Purdue is also in the main an engineering college, they deserve very high commendation for their new venture, as their second issue (March) as well as their first, is quite excellent. It is to be published thrice annually.

Friday of this week another suspicious combination of thirteen and Friday, the Rho Delta Rho fraternity will present their annual spring informal at the Belmont Hotel.

The Beta Psi annual Black and Gold Informal of the Alpha Chapter at University of Illinois was held last Saturday night, April 7, at the Stevens Hotel.

### PHI PI PHI IN THE A. A. F.

Having won the Tri-Chapter tournament, the Phi Pi basketball team is out for honors in the Amateur Athletic Federation Tournament. The first game in the second round was played last Wednesday evening against the strong Sherwin-Williams Paint quintet. The high scoring of Olson, Tell, and McArdle brought the Blue and Black out on the long end of a 30-28 score. Bell and Harders starred for the painters.

### Prof. Griffith Invents Concrete Design Charts

Beginning in the March issue of "Concrete" and continuing for fifteen months, Prof. James R. Griffith is publishing a series of articles and charts called "Reinforced Concrete Design Simplified." This work is the result of five years' research in the field of reinforced concrete design.

Complicated tables and diagrams are eliminated by the use of nomograph or alignment charts, the solution of which requires only a straight edge. Charts and graphs have been Prof. Griffith's hobby for about twelve years, and in this time he has been able to develop several radically new methods for the construction of nomographs. Some of these are being presented for the first time in print in his series of articles.

In order to facilitate the construction of such graphs, Prof. Griffith has a triangular rule marked off with logarithmic scales, being one of the only three ever made. These scales are similar to those on a slide rule and range from D-20 or the D scale on a 20 inch slide rule to K-5 or the K scale on a 5 inch slide rule. Prof. Griffith has this rule in his office in the Civil Drafting Room in the Mission and will gladly show it to anyone who is interested.

### Faculty Enthusiastic Over New Publication

(Continued from page 1)  
news and the willingness of the students to co-operate. On the other hand, Prof. Peebles, was very enthusiastic about the matter and was confident that practically all the students would subscribe for the paper. Prof. Leigh of the Mechanics Department was of the same opinion.

Another enthusiast was found in Prof. Doubt of the Physics department. He was of the opinion that "such a publication would be of great value not only to the Institute as a whole, but also with direct benefits to the faculty and the students."

Prof. Schommer was more in favor of the newspaper than any of the others. In his opinion a newspaper was just as necessary to our school community as a large newspaper is to a great city. He also believed that the paper should be permitted to make constructive criticism pertaining to various school activities. "Take a crack at a professor once in a while," he advised. Prof. Schommer still subscribes to the Daily Maroon, the school newspaper at the U. of C., and has never been without it since he was a student there.

### Schommer To Be Busy As Referee Next Fall

From all appearances John Schommer will have some very interesting engagements on the football field to referee next fall. In his comment on some of the games, he described them as "blood battles." The students who heard his talk before the assembly last fall will remember his account of the criticism the judges received from the crowds. Let's hope that nothing will happen to John as he approves and disapproves the plays in the following games on his schedule:

- Oct. 6—Notre Dame at Wisconsin.
- Oct. 13—Ohio at Northwestern.
- Oct. 20—Wisconsin at Purdue.
- Oct. 27—Minnesota at Iowa.
- Nov. 3—Alabama at Wisconsin.
- Nov. 10—Michigan at Annapolis.
- Nov. 17—Northwestern at Indiana.
- Nov. 24—Dartmouth at Northwestern.

### Armour Represented by Dean Penn at Cleveland Conclave

Professor John C. Penn, Dean of Engineering, and Registrar, will attend the national convention of the American Association of Collegiate Registrars to be held in Cleveland on the 16th of this month.

### Prof. Palmer Writes New College Algebra Text

Dean Palmer has completed writing his twelfth mathematical text book. Proofs are now being read and the book will be off the press at the end of May. The book will be a College Algebra, published by the McGraw-Hill Book Co., New York City. It will be used as a text book here for Freshman Algebra next fall.

Palmer and Leigh's "Plane and Spherical Trigonometry" is the second best seller among the Trigonometry books in the country. One hundred and fourteen schools and colleges now have adopted this book. If all the books published which Dean Palmer has written were stretched end to end, they would reach from Chicago to Philadelphia.

Professor Leigh is devoting his spare time to the revision of his book, "Practical Mechanics." He is being assisted by Mr. Sears.

Professor Freud has recently been honored with the nomination to the chairmanship of the Chicago Section of the American Chemical Society for the succeeding year. The actual election occurs next month. Prof. Freud has been active in the society for several years, having served as chairman of the Finance Committee of the organization for a long period.

On March 21 Professor Wallace Bruce Amsbary addressed the Allendale Club in their meeting at the Allerton Hotel, his subject being, "Jean Baptiste and His Brethren."

Professor Carpenter will lecture before the Chicago Section of the American Chemical Society on April 28, upon the subject "Non-Ferrous Metallurgy."

William C. Krafft, our gymnasium instructor and baseball coach, has been officiating at the inter-scholastic basketball games which were held at the University of Chicago this past week.

### Student Newspaper at Armour Makes Debut

(Continued from page 1)  
perceived on the part of the editor in getting the news in on time and in publishable shape, this trouble is expected to be eliminated in the succeeding issues when the sub-staff is better organized.

Prof. Hendricks is Faculty Adviser  
Professor Walter Hendricks of the Department of English is faculty adviser to the ARMOUR NEWS. Besides assuming the necessary duties as "censor," he will coach the men on the staff in correct methods of writing. Part of this instruction is through his English classes, in which a certain amount of credit in theme writing will be allowed for consistent work on the school paper.

If the Executive Council of the Institute is assured of the success of the NEWS, both financially and editorially, it will give permission for the weekly publication of the paper next semester. Present indications point to this as the ultimate status of the infant publication.

The Cycle, Armour's yearbook, has generously offered to share its office in Chapin Hall with the ARMOUR NEWS until the latter acquires an office of its own, which will likely not be before next semester.

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