

## Library Browsing Reveals Rarities

A few minutes spent in browsing around the school library reveals some interesting articles not usually noticed by students.

Facing the library entrance is an old grandfather's clock which reveals on close inspection that it was donated by the class of 1902 at a time when Armour Institute was called Armour Scientific Academy. To the right, extending out from a space between the windows, is a case containing medallions of presidents of the United States from George Washington to Theodore Roosevelt. In the northeast corner of the room hangs an oil painting of Dr. Frank W. Gunsaulus, the first president of Armour Institute, illuminated by an overhanging light. On pedestals between the north windows are two marble busts—one of Dr. Frank W. Gunsaulus, the other—Joseph Armour.

On the ends of the bookstands facing the librarians' desk can be seen pictures and autographed engravings of U. S. Grant, Charles Dickens, Robert Browning, Ralph Waldo Emerson, Henry W. Longfellow, John Ruskin, Fitz-Greene Halleck, William H. Prescott, Leigh Hunt, and John Greenleaf Whittier. A step behind the librarians' desk reveals two interesting articles. In a gridded frame on the west wall is a one shilling bill, issued by the Colony of Massachusetts Bay on August 18, 1775, promising to pay the bearer one shilling in three years. A large gilded medallion of William Shakespeare, cast on the occasion of the Tercentenary Commemorative of Shakespeare at Stratford-on-Avon in 1830, hangs below the bill.

### School Gave Library Course

In its early years Armour was co-educational and had the only school of library science in the Middle West as revealed by a clipping from the *New England Magazine*, May, 1897 written by Clifford L. Snowden.

"The only school of Library Science in the central states is the one conducted at the Institute in connection with the excellent library provided by Mr. Armour. The library is the largest room in the building, occupying half of the main floor. The 15,000 well selected volumes are arranged in twelve alcoves, three of which are devoted exclusively to technical works. The students and others who use the library are always allowed to help themselves and to go from alcove to alcove without hindrance. In spite of this freedom the number of books lost has been so small that it is hardly worth mentioning. The public is admitted to the library and allowed to share in the convenience of the circulating department when properly guaranteed by responsible parties; of course, those people in the immediate neighborhood are the only usual borrowers...."

"The library is the main study room of the institution and is an inspiring sight, with its fifty or more tables crowded with the bright, earnest faces

## Dr. George Murphy Speaks to A. I. Ch. E.

Last Friday the Armour Branch of the American Institute of Chemical Engineers was addressed by Dr. George B. Murphy, chemical engineer in charge of research and development for the Universal Oil Products Company on the subject "The Chemical Engineer in the Petroleum Industry."

Dr. Murphy started with a discussion of the petroleum refining process, giving a general picture of the present practice in this field. This part of the talk was illustrated by a slide showing the equipment necessary for a modern gasoline cracking unit. Dr. Murphy then spoke briefly on the problems which the chemical engineer faces in this line, and on the modern tendencies in petroleum refining.

In concluding, Dr. Murphy spoke of the activities of the chemical engineer in general. Data was presented showing the fields which are open to chemical engineers and the average compensation received in these various divisions. This material was of special interest to the graduating seniors.

Although a slight delay was occasioned by the installation of a projection machine, the meeting was generally conceded to be one of the best of the semester.

## Armour Senior Wins Lip Reading Contest

William E. La Pedus, senior mechanical, won third place a week ago in the Chicago contest in lip-reading, sponsored by the League For The Hard of Hearing. He has been attending classes in the subject every Friday evening for quite some time, but this was the first competition he had ever entered.

The winner of this contest goes to the national contest which is held in conjunction with the national convention of the League For The Hard of Hearing on June 7.

La Pedus has been very active in the club. Last year he was president of the Young Peoples section, and this year he is on the membership committee. The membership now totals about 500.

of the students. In the library are always displayed one or two masterpieces of painting, whose constant silent influence has increasing power, the young people becoming more and more familiar with the best art as they become possessed of the best knowledge."

The number of volumes in the library has been tripled since 1897. Today, the library has 45,000 volumes in its possession, two-thirds of which are technical and one-third general and recreational. It has 225 paid subscriptions to magazines of which 190 are domestic and thirty-five foreign. Seventy other periodicals are gifts of publishers and companies.

A five-year average covering the period 1930-31 through 1934-35 was taken of the circulation of books. Miss Steele arranged the following data:

## PLAYERS—

(Continued from page 1)

Janitor of the Court ..... Maurice Alexander  
Police Sergeant ..... Robert Clarke  
Policemen .....  
..... Hugh Bisbee, Norton Gerber

A large stage crew has been organized to produce the necessary stage effects and make the four changes of scenery. All the scenery was designed and constructed by members of the Players. The members of the production staff are:

### Production Staff

Stage Manager ... Michael Pantone  
Asst. Sales Mgr. ... Robert Schwarz  
Lighting ..... Hugh Bisbee  
Scenery .....

Richard Lischer, Joseph Kichaven, Irving Addis, Ernest Hoyer  
Business Manager ... Wm. Emmerich  
Publicity ..... Richard Weissman

	Average for month	Average by day
Circulation .....	1282	54
Overnight .....	3085	126
Reference (books 6855 charged for use in the library)		285

Each year books are purchased by the library under a definite system. Among the accessions of 1935 are:

*America's Tragedy* by J. T. Adams; *Basis of Things*, J. A. Eldridge; *Forty-two Years in the White House*, I. H. Hoover; *Practical Stage Craft*, M. H. Hynes; *Termites and Termite Control*, C. A. Koford; *Your Son and Mine*, J. T. McGovern; *Search for Truth*, E. T. Bell; *Weaving the Short Story*, Douglas Bement; *Advance of Science*, Watson Davis, editor; *Technics and Civilization*, Lewis Mumford; and *Design and Use of Instruments and Accurate Mechanism* by A. N. Whitehead.

## Speaker Discusses G. E. Mercury Lamps

The subject of the talk presented by Mr. Hansen of the General Electric Vapor Lamp Company before the Armour branch of the A. I. E. E. last week was "Mercury Vapor Lamps". The speaker presented a sizeable list of factors, on the advisability of using mercury vapor lamps, and presented an explanation of the functions that take place inside the glass envelope. After the conclusion of his talk, Mr. Hansen answered many queries put to him by the professors and students present.

## International House Site of Gay Pageant

Founded by John D. Rockefeller as a center for the promotion of international understanding and world peace, the International House was the scene of gay activity last Friday and Saturday nights. With fourteen major foreign countries participating, the pageant, entitled "1935 International Night," presented a spectacle of brilliant costumes, dance, music and songs.

The program, supposed to depict events of a distant future, comprised a number of specialties presented by artists from many nations, including Cuba, China, Germany, England, Japan, the Slavic countries, India, and the Mohammedan nations.

A capacity crowd attended this unusual pageant. They came not only from Chicago institutions, but from Ohio, Wisconsin, Michigan, and other midwest institutions.

## Aero Club Plans On Building Glider Soon

During last Friday's meeting of the Aero Club, tentative plans were drawn up for future meetings. Among the most important events will be outstanding speakers on aeronautics, and inspection trips to aircraft factories and the Municipal airport.

With the engineering shops of the Institute available for the club's use, the members decided to design and construct their own glider and possibly a light plane as part of next semester's program.

## SIDELINES—

(Continued from page 1)

up. Even so, statistics show that the volume of business done was greater, and activity can best be measured by the volume of goods sold.

There is one other question which looms in the mind of the public. The government will not begin to live within its income for another year at least, according to President Roosevelt. Expenditures for the present fiscal year are estimated at 8½ billions. Income for the year will probably not exceed 4 billions; that means another deficit of approximately 4½ billions will bring the public debt to a new high of about 34 billions. Still, there is no increase of taxation suggested. This is merely putting off the day of reckoning. Some time, however, the money must be raised to meet these expenditures and to begin repaying the funds already borrowed.

## Civils Tour New Sewage Project

Last Tuesday, the senior civils, accompanied by the junior and sophomore civils, inspected the west side intercepting sewers now being built for the City of Chicago. Professors Penn and Stevens were the faculty sponsors.

The sewer reaches from the treatment works in Stickney to Fullerton avenue, a distance of 20.6 miles. It serves an area of 39 square miles, and is designed to take 50 per cent in excess of the normal dry-weather flow and to by-pass any greater excess into the river.

The average depth to bottom is 25 feet below street level. A large part of the excavation has been through soft clay containing irregular beds of loam and water-bearing sand, making it necessary to use extra precautions against cave-ins. A pressure of about one and one-half atmospheres is maintained to prevent the flow of the material at the bulk head.

Although the trip was for the senior civils, Professor Penn invited the sophomore and junior civils to come along. The tour through the tunnel was conducted by J. P. Della Maria, resident engineer in charge.

Thoughtful people believe that the sooner steps are taken in that direction, the better it will be for the fiscal affairs of the United States. The government cannot avoid payment simply by putting it off, any more than an individual. A painful operation, whether fiscal or surgical, causes less grief if performed promptly.

BASEBALL  
MELVIN OTT  
Sluggo of the N. Y. Giants

DIVING  
GEORGIA COLEMAN  
Winner, 13 National and Olympic Titles

SQUASH RACQUETS  
JOHN L. SKILLMAN  
1935 Pro Squash Racquets Champion

SCULLING  
BILL MILLER  
4 Times National Sculling Champion

GOLF  
GENE SARAZEN  
Famous Golf Champion

BASKETBALL  
JIM LANCASTER  
Captain, Undeclared 1934, N. Y. U. Violets

"THEY DON'T GET YOUR WIND" ATHLETES SAY —

GENE SARAZEN, championship golfer, who has smoked Camels for years

## The mild cigarette the athletes smoke is the mild cigarette for YOU!

A cigarette so mild you can smoke all you want—that's what athletes say about Camels. And when a champion talks about "condition"—"wind"—healthy nerves—real tobacco mildness—he's got to know.

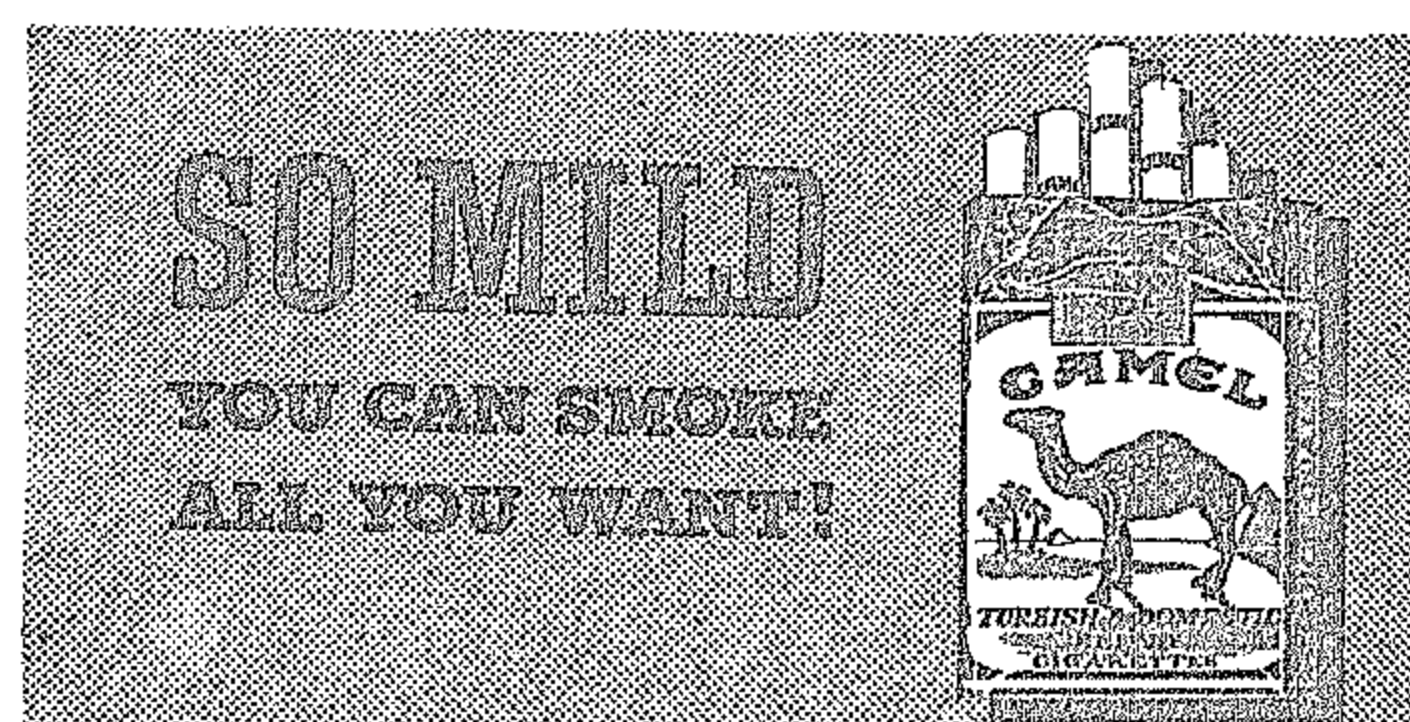
Gene Sarazen says: "Playing as much as I do—I have to keep in condition. I smoke Camels steadily. They are so mild they never get my 'wind'—never upset my nerves."

Other athletes back him up.... "I smoke all the Camels I want, and keep in top condition," says Mel Ott, slugger of the New York Giants.... Georgia Coleman, Olympic

diver, says: "Camels don't cut down on my 'wind.'... Bill Miller, oarsman; Jim Lancaster, N. Y. U.'s 1934 basketball captain; John Skillman, pro squash racquets champion—hundreds of sports stars smoke Camels regularly and report that Camels never get their "wind" or nerves.

What this mildness means to you!... It means you can smoke Camels all you want! Athletes have made this discovery: Camel's costlier tobaccos are so mild, they can smoke all they please, without disturbing their "wind" or nerves.

CONDITION IS IMPORTANT TO YOU TOO—on vacation, in college, at home. You can keep "in condition," yet smoke all you please. Athletes say: "Camels never get your wind."



# Camels

COSTLIER TOBACCOS!

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

(Signed) R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C.

© 1935, R. J. Reynolds Tob. Co.