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"Honor lies in honest toil."

Grover Cleveland.
Born March 18, 1837.

Dr. Gunsaulus

Tuesday, March 17, 1931, marks the tenth anniversary of the death of Dr. Frank Wakely Gunsaulus, first president of Armour Institute of Technology, leader in civic enterprise, educator, lecturer, minister, and Christian in the fullest sense of the word. Dr. Gunsaulus succumbed to a heart attack just ten years ago today, and with his passing Chicago lost one of its finest citizens, and Armour one of its most loyal supporters.

Although there is no doubt that every Armour student is at least somewhat acquainted with the life and characteristics of Dr. Gunsaulus, it is entirely appropriate that we show our respect for him by renewing, briefly, the major points of his long career of useful and effective endeavor.

Dr. Gunsaulus was born at Chesterville, Ohio, on January 1, 1856. He was educated in the same state, graduating from Ohio Wesleyan University. After graduation he was pastor at various times of several Methodist and Congregational churches in Ohio and the eastern states.

In 1887 Dr. Gunsaulus accepted the pastorate of the Plymouth Congregational church in Chicago. While holding this office, he delivered the sermon which was to bring about the establishment of Armour Institute. Philip D. Armour, wealthy packer and philanthropist, heard the sermon given that day by Dr. Gunsaulus. He was so moved by the statements in the sermon regarding the obligations of the rich toward the poor, that he offered to finance the founding of a school of technology provided that the pastor would give his time and efforts to the institution.

Dr. Gunsaulus proved his sincerity by accepting the offer and became the first president of Armour Institute of Technology, which was opened in 1892.

The sudden death of Dr. Gunsaulus on March 17, 1921, was a hard blow to his many friends and acquaintances. His funeral was held two days later from the New England Congregational church in Chicago.

Dr. Gunsaulus left a heritage to the school in the record of unimpeachable honor and unswerving loyalty to duty which his life shows, and which are a real inspiration to all who know of them. All who knew him loved and respected him for just what he was—a sincere man of the church, who not only believed the principle of Christianity, but applied them to his everyday life.

W. H. R.

"The Slipstick"

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

ADIOS

I now take upon myself the painful duty of writing my last column. It has served as an inspiration (especially the contributions) and no end of enjoyment to myself and I feel jealous of the new columnist, who is, by the way, the well-known Bongineer, and whose real moniker is George L. Bonvallet, E. E., '32. May luck be with him.

I also want to take this opportunity to thank all who have sent in contributions and stale jokes. It makes one feel good to know he is being appreciated. We wish to introduce the following, who have helped in the last year, to our readers: The Bongineer (George L. Bonvallet), Jaesmackse (James S. McCall), O. R. S. (O. R. Steinert), F. E. D. (D. E. Freer), R. E. M. (not an ad) (R. E. Meagher), D. B. C. (D. B. Cunningham), Sliv (H. Hoebel), Al (A. B. Auerbach), Dutch (W. A. H.), K. (C. H. Miller), and M. B. (M. Berger).

The following have deemed it best to keep their identities secret, but, nevertheless, we thank them: the Co-ed, Another Co-ed, H. C., Ted '34, Monsieur Pthalic Acid, Pop, Won Wo, Step Hen, J. A. L., Pied Typer and A. Plotzen Zolsta. If I have omitted anyone I am sorry, but thanx anyway.

The rest of the column will be devoted to a resume of the best jokes appearing in the column during the past year.

—Phil J.

An Englishman was visiting this country for the first time, and as he was driving along the highway, he saw a sign, "Drive Slow. This Means You!" He stopped in surprise and exclaimed:

"My word! How did they know I was here?"

WLL WLL

Wouldn't it be funny if there were no vowels?
This shws wht th nglish lngg wld b wtht thm.

"I hear that you fainted at the party last night and they brought you to?"

"Yes, and then I fainted again."

"Good gracious! And then what happened?"

"They brought me two more."

MORAL—NONE

A dog was carrying a piece of meat across a bridge. As he crossed the stream he saw the image of another piece of meat in the water. He laid the piece he was carrying carefully down on the bridge and jumped in. In a moment he appeared with the other piece, climbed onto the bridge, and walked off with both pieces.

—R. S. F.

Father: "I want you to be a girl that people will look up to."
Her: "I'd rather be one that they look around at."

Abe: "Do you play golluf wit knickers?"
Levi: "No, wit white people."

The Last Laugh

He was a very young officer who looked as if he should be wearing knee breeches. One day when his company was up for inspection at the training camp, one of the men remarked in a tone of deep sarcasm:

"And a little child shall lead them."

"The man who said that will step forward," was the immediate command. The entire company stepped out and repeated the quotation.

The lieutenant looked up and down the line.

"Dismissed," he announced shortly.

The men thought they had the better of him, but not for long, for that night at retreat, when the orders for the following day were given, they heard:

"There will be a twenty-five mile hike tomorrow with full equipment, and a little child shall lead them—on a darn good horse."

—Al

NO TRESPASSING ALLOWED

One of the wings of the plane had broken and its pilot, after crashing through a mass of planking and plaster, found himself resting on a concrete surface in utter darkness.

"Where am I?" he asked feebly.

"You're in my cellar," came an ominous voice out of the blackness, "but I'm watching you."

—Al

Different

Host: "There are my grandmother's ashes, there in the corner."

Guest: "Oh, so the poor old soul has passed on?"

Host: "Oh, no. She's just too lazy to look for an ash tray."

Column Conductor: "Did you write these jokes yourself?"

Contributor: "Every one of them."

Col. Con.: "Then you must be lots older than you look."

Yah! Of Course

An old German and his wife were given to quarreling. One day, after a particularly unpleasant scene, the old woman remarked with a sigh:

"Veil, I vish I vas in Heaven."

"I vish I vas in the beer garden," groaned the husband.

"Ach, yah," cried the old wife, "always you pick out the best for yourself."

Goodbye, gang, and the best of luck to you, Bon,

Philip Jordan

TAKE IT OR LEAVE IT

By AL GOODMAN, '34



Note: This is the first of a series of sketches of this nature to be published by the Armour Tech News. The author is prepared to give proof of any statements in this section.

Professor Westgren Addresses Chemicals

Professor Arne Fredrik Westgren will present an interesting lecture on "Crystal Structure of Ordinary and Alloyed Steels" before the regular gathering of the American Chemical Society at the City Club of Chicago, 315 Plymouth Court, next Friday, March 20, at 7:30 P. M. Metallurgist Westgren is Professor of Chemistry at the University of Stockholm, has studied the Brownian movement and through study of the study of the sedimentation equilibrium in gold colloids has made determinations of the Avogadro number.

His interest, however, has been turned into the field of metallurgy proper, partly through his position as metallographer to the S. K. F. Ballbearing Company. Along these lines he has done notable work dealing with the crystal structure of iron and alloys. He will speak on his wide experience in this branch of metallurgy on Friday.

The usual group meetings on Friday night offer: "Manufacture of Nitrocellulose," illustrated with motion pictures and conducted by H. D. Bledsoe, Brevolite Lacquer Company, for the Inorganic and Analytical section, and E. P. Gillan of the Chicago Starch Company, will explain to the Education group "Where Corn Products Have Led Me."

Get Million Letters in Cigarette Contest

More than one million letters were received in answer to the recent one week's national newspaper advertising campaign announcing prizes in connection with the new cellophane wrapping for Camel cigarettes, according to announcement by R. J. Reynolds Tobacco Company.

So great was the response that the officials estimated that it would take the judges and their staff several weeks to read all of the entries and select winners of the thirty-eight prizes offered.

It has been stated that newspapers were used exclusively in advertising the contest, and that entries were received by every conceivable means of transmission, in almost every language, in tiny packages and in large express packages, and on thousands of different kinds of paper.

Arx News

Thursday, at 3:45, the sophomores, juniors and seniors held a meeting in the club room of the Art Institute. The purpose of the meeting was to inform the fellows about space in the Cycle for the Architectural Society, and also to get material and information regarding the freshman initiation. Definite arrangements will be made in the next few days. Dave Chapman, junior massier, presided.

An architect's life at the Art Institute is not one filled with excitement. Even a mere pigeon can cause a commotion. Last Thursday morning all was peaceful and serene in the sophomore room. The diligent architects were earnestly at work when a harmless pigeon entered through an open window and disturbed a student who was busily rendering.

The architects quickly gathered beneath the unlucky bird and suggestions to get him out were quickly voiced. By this time the pigeon seemed exasperated, so he politely settled down upon the chords that run between the trusses and lightly, ever so lightly, flew out the window. And the architects, seeing their faint ray of hope for a few minutes rest period winging its way over the roofs, gloomily settled down to their task of designing a theatre. Ah, me! And he was such a little pigeon to raise such a big commotion.

Last year there were more college students in the United States than in all the rest of the world combined. There were 1,237,000 students enrolled in colleges and universities in this country.

The last forest service game census disclosed that 17,400 bears of the 50,000 black and brown bears in the United States forest are in California.

Arabia is more than 10 times the size of England, Scotland, northern Ireland, and Wales.



Zielenske Tells About Hazards of Crude Oil

As a fitting climax to last week's inspection trip to the Standard Oil Company, Mr. Walter F. Zielenske described the oil industry to the Fire Protectors at their meeting Friday, March 13.

Mr. Zielenske started with the demand for petroleum, telling of the present over-supply, although a few years ago, government control was considered the only means of keeping the world supplied with the now indispensable material.

According to Mr. Zielenske, there is no need to sink wells inside the city limits, as was recently done at Oklahoma City, and so endanger the property, and even lives, of a number of citizens, for the supply exceeds the demand.

The crude oil is devastating to the surrounding landscape, because it gets all over the trees for a considerable area around the wells and slowly burns them up.

The companies suffer great losses from evaporation; not only at the wells is it a problem, but also at the refineries. Attempts, as yet unsuccessful, have been made to cover the pits in which the crude oil is kept, with welded cast iron roofs, wood roofs, and net roofs.

At the refineries, the problem is solved somewhat by allowing the storage tanks to "breathe" into huge canvas bags held in square sheet iron houses.

After the oil has been sent through pipes, which are welded together, from the field to the refinery, it is distilled, cracked, etc., and then distributed.

The greatest precautions are observed in order to keep from starting a fire. At the refineries, no one is allowed to enter the plant carrying matches, all electrical switches are closed or are outside the building. The lights are protected by vapor proof globes. No fires are allowed to be built nor any welding to be done without being directly supervised by a foreman.

Here, Mr. Zielenske was forced by the lack of time to close, although he had not nearly exhausted his subject and regretted that he did not have time to tell more.

Mechanicals Witness Movies About "Steam"

Three reels of motion pictures, entitled "Steam," were shown to the members of the A. S. M. E. at their regular meeting last Friday, March 13, in the Electric Lecture Room. The pictures were explained by Mr. Ripley of the Babcock and Wilcox Company.

Cross section drawings of steam boilers were first presented, the paths of air, hot water, steam, and hot gases being pointed out.

The manufacture of the individual part of a modern boiler was then depicted. It was shown how two inch plates were bent in circular shape and riveted together in the construction of the cylindrical part of the drum, and how the ends were forged out of iron and attached to the circular plates.

The motion pictures were followed by slides, showing first several different types of boilers, and then explaining the manufacture of high pressure seamless drums. It requires four days to heat the huge blocks of iron to the forging temperature. Then under terrific pressures, the iron is gradually shaped into the proper form, the entire operation requiring nine to ten weeks.

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