

Major J. H. Smale Receives Class Key At Senior Meeting

Lewis seniors met in room 337 a week ago last Thursday for the purpose of honoring their sponsor, Major John H. Smale by presenting him with the class key. The Major has long been a favorite with the Lewis students.

Professor Smale received his bachelor of arts degree from the University of Chicago in 1904. In 1912 he obtained his Masters degree from the same university. In the same year he began his career at Lewis Institute as an instructor and in 1935 he became professor of Philosophy.

During the world war, Major Smale served in the A. E. F. as a captain of infantry. Later he was made a major in the 344th Infantry.

The Major has always been interested in social life and never fails to attend the parties and dances of the school. He is also an honorary member of the "Eye", an organization composed of men from Company I of the 344th Infantry.

Modernization Of Lab Effected By Added Equipment

Armour students are discovering evidence of some signs of improvement of the equipment in the mechanical laboratory in the basement of Machinery Hall. Several new pieces of equipment are being installed, thereby helping to modernize the laboratory by some thirty years. It has been estimated that some of the old equipment used in the courses up to one year ago was antedated by as much as thirty years. With the addition of this new machinery, and several more improvements, Armour may soon be able to boast of an up-to-the-minute mechanical laboratory.

Among the bright and shining addition to the laboratory are a turbo-generator, pipes for testing pressure drop in pipelines, and equipment for measuring the loss of heat from pipes covered with various types and thicknesses of insulating material. The first named piece of apparatus will be used by students to measure and study the efficiency of this type of machine. While not extremely new, this machine represents quite modern adoptions.

Three one-hundred-foot pipes have been installed along the ceiling of the room for purposes of measuring the pressure drop. In the transmission of liquids or gases. These pipes are capable of handling steam, water and gas. Measuring apparatus is being installed at convenient intervals along the system to measure pressures at varying velocities.

(continued on page three)

FRESHMAN TODDLER TO BE LUSTY BRAWL

With the coming of spring the Freshmen have gone to town with their colors flying. At their last meeting they had completely formulated plans for the "Freshman Toddler" which is scheduled for April 18. The dance will feature the music of Jack Russell and his orchestra and will be held in the Crystal "Bawl" Room of the Edgewater Beach Hotel.

The bids are only \$1.50 and may be secured from classmates or at the checkroom, bookstore, registrar's office, or the information office. Don't forget for a really enjoyable evening plan to attend the Freshman Dance at the Edgewater Beach Hotel.

RECESS HOP IN S. U. ON APRIL 9

Tickets are now on sale for another great Dance Club social, the *Recess Hop*. As the name implies, this dance will be taking place on the last day of school, just before the spring recess.

Wednesday, April 9th, at 8:30 in the evening. Duke Hayn's orchestra will begin to swing it. As in the past, the location of this Dance Club affair will again be in the Armour Auditorium.

The members of the Dance Club are making feverish preparations for this event. A group of coeds from Lewis have been asked to help to extend the files of the club's dating bureau. In the past, this bureau has very successfully furnished blind dates to the timid beginners and to other more advanced terpsichoreans. Now the dating bureau is again furnishing dates free of charge for the members of the club.

As secretary-treasurer, Miss Rosa Golden is in charge of the distribution of the tickets. Recess Hop tickets may now be obtained from any member of the Dance Club, and on the Armour Campus tickets are also on sale in the bookstore and in the information office. The price is 50c per gentlemen, and the ladies are admitted free of charge.

Since the *Recess Hop* is to take place the night before vacation, no one will have to get up early the next morning, and no one will have the good old homework excuse. A very large turnout is expected, so get busy and polish up on your dancing.

The proceeds of the dance will serve to pay the orchestra and the rent for the hall. The remainder of the profits will be used to buy new records for the beautiful phonograph which was recently donated to the club.

EARLE G. HUXHOLD AT HELM OF IIT SWIMMING TEAM

One of the swimming team's most consistent winners, and high point man in the recently finished season, Earle G. Huxhold is indeed a competent man to lead Tech's valiant mermen during the 1941-42 season.

While Earle, or "Hux," as he is more often called, is now and has been a backstroker for the past two seasons, he went through Austin High and his first year at Armour as a free styler. While at Austin he was on the championship team, and earned his letter as a relay man and as a 40-yard dash man.

Before entering Armour, Huxhold took time out for a little work with a contracting firm. Evidently this "breather" had little effect on his time, for Earle was able to breeze through a 40 in :20 while in his first year at Armour. For his efforts, Earle received a minor award.

At the end of his first season with the team, Huxhold turned over on his back and commenced to be the sprint man in the medley race. Then, to the amazement of everyone, Huxhold kept on going one day and swam a hundred in 1:14. This was good enough for Earle to keep swimming the hundred, so he did. Last season he swam the hundred and also the medley. This year he did the same, and in one meet, against Maryville, Huxhold swam in the free style relay.

Huxhold can do a 1:10 hundred, and has been clocked doing the 40-yard leg of the medley in under :24. With Earle Huxhold at its helm, the Tech swimming team should experience a great season.

Psychopathic Types

*The telltale snore from the snout
you adore
Leaves the sleeper, disrupting
his dreams;
His sleep-parched brain begs for
more
ZZ-Z-Z-zzz-zz-zes.*

—Morpheus

Drowsing blearily through a dozen classes, breaking the deep silence of the "L" with garbled maunderings, rumpling with his snores the bestified air of the double-deck bus, the college sleeper is a frozen asset in the rushing tide of progress.

1. Transient Type. Obviously a paragon of the somnolent art, he sleeps standing or sitting, hanging on a strap or reposing in a lap, in spite of the thoughtful sadists who manage our fair city's transportation. Unorthodox — sleeps out of class.

2. Insomniac Type. Lacks that vital something which other students have: the ability to miss a class while sitting in it. Worse yet, his unshut eyes earn him the name of teacher's pet.

3. Restless Type. (Which is a gross misstatement of fact.) Snores, harrumphs, drools, and shuffles his feet until the prof can't hear himself drone.

4. Oscillating Type. Bobs head in a uniformly accelerated and retarded motion, sometimes with disastrous results such as breaking his neck on the back of the chair or cutting his throat on a well-starched collar. However, should he survive these pitfalls, he may be rewarded with an "A" because of his constant agreement with the professor.

5. Boisterous Type. Tells himself jokes while asleep and wakes up laughing.

6. Deliberate Type. Makes elaborate preparations for lecture: chooses secluded spot with poor acoustics, pillows head on overcoat and feet on briefcase, and prevents spilling himself in the

(continued on page four)

P. B. Juhnke, Lewis Grad, Gives AIEE Talk On Edison Co.

The high point of the AIEE meeting last Friday morning was a talk given by Mr. P. B. Juhnke, chief load dispatcher, the Commonwealth Edison Company. Mr. Juhnke, a graduate of Lewis, is an active worker among different groups such as the AIEE. He prefaced his lecture by giving those present a general idea of what is expected of the average college engineer. His main emphasis was on the development of one's personality and culture.

Describes Power Distribution

With the aid of a wall chart, Mr. Juhnke described the operations of a large power system. The chart which was drawn with lines of different colors, depicted the system of transmitting power used by the Edison Co. in Chicago and outlying suburbs. It showed the exact amount of power which is produced by the various stations in the system and at what time of the day the peak in power consumption is reached.

In the early days of operating the power systems, the output supplied by the Edison Co. in the Chicago area was about 28,000 kilowatts. However, since that time it has increased to 1,700,000 kilowatts. The power is used for the elevated lines, street car lines, and in industry where a large amount of power is consumed.

ATTORNEY SPEAKS ON PATENT LAW

Mr. G. H. Parkhurst spoke to members of the A.I.Ch.E. last Friday on the topic of "Patent Law—Application to Chemical Engineering." His speech included the following topics:

1. Historical sketch of patents and patent laws.

2. A discussion of the more important patent laws.

3. An outline of the function of a patent lawyer.

4. Patent law and its respect to engineering.

Mr. Parkhurst further explained that a patent lawyer's education is hybrid, being a cross between engineering and patent law. The demand for this type of engineer is great. The field therefore affords a wonderful opportunity for engineers who have a natural tendency towards law.

Mr. Parkhurst is a senior patent attorney for the Standard Oil Company and is a graduate of Armour. He won distinction as a scholar while here; being a member of the Tau Beta Pi, Alpha Chi Sigma, and Phi Lambda Upsilon.

Musical Clubs Will Present Program At Lindblom This Friday

When the Musical Clubs of Armour appeared at Lindblom High School two years ago, they were given an especially enthusiastic reception. At the request of Lindblom the Illinois Institute of Music and Armour campus Glee Club will again appear there in a concert to be given next Friday morning.

Busses will leave 8:10 o'clock Friday morning from the Student Union to take the musical Armourites to Lindblom where they will give two complete performances—the first at 9 and the second at 10 o'clock. This is to enable the entire school to attend the concerts—1800 students will be able to be present at each performance.

The program will include many of the selections used at the recent Goodman Theater concert, as well as several numbers requested by Lindblom. The combined orchestra and glee club and its soloists have received high praise for their performances at recent concerts.

Only one thing missing!

BUT it's plenty important! In the telephone business, not just one, but thousands of important items of equipment must be distributed throughout the country when and where needed.

Seeing to it that *everything* used in the Bell System is always on hand has long been the responsibility of Western Electric. So has making the equipment and buying the material, as well as distributing them throughout the nation.

Western Electric thus plays its part in enabling you to reach your party quickly and at low cost, whenever you telephone.

Western Electric
is back of your Bell Telephone service