

## Chemical Research in Vanguard of Science

Man's love for leisure and comfort has induced him to conduct researches to help him attain his end. In the field of chemistry this research movement is particularly noticeable. There are two especially important developments in chemistry at the present time: the discovery of heavy, double-weight hydrogen (deuterium), and the brilliant activity of the engineering staff of the Carbide and Carbon Chemical Corporation, which received first award of the *Chemical and Metallurgical Engineering Magazine* for achievement of a group, rather than as an individual.

### Exists in Dead Sea

After considerable investigation it was found that water composed of the heavy hydrogen exists in appreciable quantities in ancient stagnant water, such as that in the Dead Sea and the Great Salt Lake. Since its discovery, several American laboratories have been busy making organic substances using heavy hydrogen instead of ordinary hydrogen, to determine properties of its compounds. Heavy hydrogen has opened a vast new field in organic chemistry and may lead to discoveries of tremendous importance.

### Reasons for Research

There are several reasons why scientists conduct researches. Those of the Carbide and Carbon Chemical Corporation engineers were: first, to find some possible use for their by-products; second, to satisfy users of their chemicals; and third, to make chemicals that find use in other processes. Their work has resulted in producing tank-car chemicals of former laboratory curiosities, and in

## Frosh Grow Gray Over Green Caps

Due to the fact that the freshman class failed in self enforcement of the green hat rule, the aggressive sophs took the law in their own hands. The results of their activities were that a good many of the freshmen became gray-headed over worrying over their green hats.

Reception committees stationed on 23rd street, anxiously greeted the freshmen coming to their classes. Floor of an especially sticky nature was used for massaging purposes. The committee receiving members via State street were easier on their victims, as the frosh were given a Chinaman's chance, that is they were allowed to produce their green hats as evidence. The other committee was the more blood-thirsty, and embarrassing situations were presented several times as some of the tough freshmen were taken down a few notches. The sophs' only regret was that there were too few freshmen minus green caps, so that the fun didn't last very long.

Before the morning was over the freshmen had worked up enough steam to take down a few sophs. Result—a general melee, with several more pairs of trousers floating peacefully to Federal street. A broken window was the only damage done. On Tuesday one lone sophomore suffered at the hands of the freshmen. The trophy was deposited in the library as a warning to other members of the upper class.

synthesizing products of a higher purity than was possible before without much purification.

## Aeronautics Class to Make Inspection Trip

The aeronautics class, consisting of about thirty-five men, will make a trip today to the municipal airport at 63rd street and Cicero avenue. They will visit the United Air Lines hangars and repair shops, and later the United States Weather bureau. If there is enough time left, the group plans to visit the E. M. Laird Aeroplane Company shops.

### YOU BORE ME

To you  
Who utter approved words,  
Ideals in platitudes;  
To you  
Who, infant like, let drool  
Those words which are but words;  
To you  
Who sigh and sweetly lip  
Inspired phrases, old;  
To you  
Who quote old proverbs, oft',  
Substituting them for thought,  
I say:  
Though you may have verbosely  
talked,  
Still you have nothing said.  
For:  
When words are but memorized  
And but from habit glibly flow,  
Involving naught of synthesis  
And are not born again of thought;  
They are but words  
Which time,  
And dignity,  
And polite replies  
Have stripped of all significance  
And they  
Contaminate the mind.

—E. C.

## A.S.M.E. to Show Pictures Friday

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to be held in Chicago April 23 and 24. He will present his paper at the convention, which was selected as the best fifteen minute paper on any subject pertaining to mechanical engineering.

All junior and senior mechanical classes on April 23 and 24 will be excused so that the members of these classes may attend the convention. They will meet at 9 o'clock each day at the Allerton House. Inspection trips will comprise the activities of the afternoons. Monday night a banquet will be held at the Allerton House and a quartet from the Armour glee club will provide entertainment.

Junior and senior mechanical students are asked to hand in their first, second, and third choice of the tentative inspection trips to be made.

## Plans Completed for A.I.E.E. Picnic in May

Anticipating the ultimate arrival of spring in spite of snow on their meeting day, the A. I. E. E. made plans for a picnic to be held in the latter part of May. Part of the meeting last Friday was devoted to discussion of the picnic which will probably be held at the Indiana Dunes.

A committee composed of two senior and two junior members will make arrangements for the event. Recreation and refreshments will be featured, the former being supplied in the form of baseball and swimming, and the latter being provided for by the members themselves.

## Arx News

The sophomore architects are no tamer than any other of the sophs, and they threaten to be potential rivals of the frosh in the forthcoming class rush.

The first indication of their enmity was the depantising of SALETTA for not wearing his green cap in the drafting room. The frosh reciprocated by issuing a warning to the sophs that very drastic measures were to be prevailed upon any sophomore who was courageous enough to venture into the freshman room.

When the sophomores, who believed in safety in numbers, entered the frosh room to "call the bluff," yours truly was on hand to witness any "fireworks"; but Wagner wisely and tactfully prevented any pre-rush outbreak. Pretty lucky, frosh!!!

By the way, frosh, there won't be any water in the Great Lakes fountain for some time to come.

Class B esquisse . . . problem—"An Island Memory" due May 14. Yes sir, the sophs are in on it too!! . . . the juniors serious and very quiet—then last class "B" problem . . . perhaps the sophs not so quiet.

Today is a big day for our class A archs. These seniors have been making the most of their time (?) and now present to the jury the best museum ever designed. Tomorrow some of the seniors will feel sad; maybe a few, happy! Wish you luck boys!!

Plans for the annual architectural smoker are well under way. The

## Astronomers Seek Continental Drifts

Astronomers of four American and two Canadian observatories are co-operating with Northwestern University astronomers in an attempt to settle the theory that the continents are drifting. According to Dr. Oliver J. Lee, director of the Dearborn observatory, the theory assumes that the crust of the earth in the early days of its formation had broken open and drifted apart to form the ocean beds. If this drift theory is correct, the continents should get narrower.

The observatories, which include the government observatories at Washington and San Diego, California, Indiana University, Lick observatory, and two Canadian observatories, will make accurate observations of the longitude and these will be checked with observations to be made ten years hence. Should there be a change in longitude which would tend to make the continent narrower, the theory would be correct.

Lawson Y has been chosen to house this gala affair. As yet the guest speaker has not been chosen, several being under consideration. Each class is to put on a skit, the best . . . will receive a prize.

Last Saturday, the juniors took the fourth esquisse esquisse which called for a design of "An approach to a Museum." Here's hoping this problem will help pull some of the juniors through so PROF. BEERSMAN will have some seniors next year.

John Beays established a new record for "baiting" out a modeling problem . . . twenty minutes flat . . . Snooping Sam.

DO ROUND and  
FIRM and  
FULLY PACKED

Luckies are all-ways kind to your throat

✓ Luckies are all-ways kind to your throat

Only the Center Leaves—these are the Mildest Leaves

They taste better

NOT the top leaves—they're under-developed—they are harsh!

NOT the bottom leaves—they're inferior in quality—coarse and sandy!

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