

A. I. Ch. E. Dinner Held at Armour Tech Lunchroom

The Chicago chapter of the American Institute of Chemical Engineers was brought into closer relationship with the Armour chapter at the banquet and meeting held at Armour Institute last Friday evening, November 13, at 6 o'clock.

It is imperative that the chemical engineers have a good foundation in chemistry, physics, and mathematics. His knowledge of chemistry must consist of general chemistry, qualitative chemistry, quantitative chemistry, organic chemistry, physical chemistry, and engineering chemistry.

Of course he must know how to speak and write English fluently. A reading knowledge of technical French and German, preferably the latter, is necessary, for much of his technical work is in the literature of foreign countries.

When a man completes a course such as is given at Armour Institute, he must understand that he is not a qualified chemical engineer. It is impossible to train a man in every phase of the subject during the four years devoted to the task, and much of the knowledge of the engineer will be accumulated after graduation from the technical school.

The graduating student must be in a position to train himself. It is necessary to hunt in the literature for many phases of his work. During his attendance at college it is necessary that he familiarize himself with the literature so that he may find his subject when the occasion arrives.

Senior Chemicals See Production of Acids

The senior chemicals increased by one the number of inspection trips outside of Chicago when they visited the Central Chemical Company of Hammond, Indiana last Tuesday, November 10, during the afternoon.

This company is a subsidiary of the Wilson Packing Company of Chicago, and manufactures the three important acids of industry, namely, sulphuric, hydrochloric, and nitric. The plant was built originally to supply acids to the packing houses but now it has expanded to supply many outside industries, such as the steel industry with its various products.

Here sulphuric acid is manufactured by the chamber process, and sulphur dioxide is produced by burning sulphur or by roasting a sulphide, usually pyrite, in the presence of air.

Nitric and hydrochloric acids are made by treating sodium nitrate and sodium chloride respectively with the sulphuric acid manufactured.

Sulphuric acid is properly termed the "barometer" of the chemical industry. The trend in chemical business is dependent on the amount of sulphuric acid sold because this acid is the basis for so many chemical processes.

Juniors Will Study Sewage Treatment

The North Side Sewage Disposal plant will be the scene of the next jaunt the junior chemicals will make away from their beloved laboratory and test tubes. This field trip will be the last of a series on water treatment but will not exhaust the outside excursions for the semester.

Professor W. J. Bentley will act as guide for the aspiring fume makers when they leave next Thursday.

In this series of water treatment examination trips, the junior chemicals have visited the water softening plant at Hinsdale and the filtration and chlorination plant at the Sixty-eighth Street pumping station.

A. I. E. E. Will Feature Railroading Lessons

"Automatic Train Control Systems" is to be the subject of a lecture given to the A. I. E. E. by C. G. Stecher, signal engineer of the Chicago and North Western railroad, in Science Hall at 10:30 A. M. Friday.

The automatic signal systems to be explained are those used on the Chicago and North Western line between Omaha, Nebraska and Chicago. Slides used in teaching engine men and train men of this railroad will be shown during the lecture.

Rifle Club Defeats Jefferson City Team

Showing a steady increase in accuracy, the Armour Tech Rifle Team defeated the Jefferson City Pistol-Rifle Club in a five shot postal match held last week.

Although this match was not considered particularly difficult, the men gained 11 points over their score for the previous match.

Three matches which have been arranged with the Stock Exchange to be shot before Christmas will inspire the men to greater effort.

Within a few weeks the Tech squad will invade the Uptown Rifle Club to shoot a shoulder to shoulder match at 75 feet. A five man team will probably be picked for this meet.

It is estimated cotton growers of the San Joaquin valley, Calif., will receive \$15,000,000 for their crop. The yield is figured at 200,000 bales.

FRATERNITY NOTES

BETA PSI

The Thanksgiving Dance will be held on November 21. The alumni attendance is expected to be quite large since individual invitations have been sent to them. The dance will be held at the Chapter House.

Hell Week started off with a bang for Pledge Hostetter. He claims that there is a "striking" difference between an ordinary week and Hell Week.

SIGMA KAPPA DELTA

The chapter has purchased a new ping-pong table of regulation size, and after a short time to allow the men to become accustomed to it, a team will be organized to meet all challengers.

Study seems to be one of the main

themes at the present time, for the fellows are concentrating on the subject of keeping the wolf from the door. (The wolf in this case refers to "flunk notices" which will make their appearance all too soon).

PHI KAPPA SIGMA

The theatre party which was held last Thursday evening was well attended. The group greatly enjoyed the entertainment afforded by "Blossom Time," now being shown at the Grand Opera House.

Brother Blaise Guettler and three of his friends have left for an extended trip to Europe.

Others who have left the city are Brother King, who has moved with his bride to Iowa, where he is to take charge of a branch office of R. H. Donnelly and Company. Brother Belford has left us to take a position with the Minnesota Inspection Bureau.

Truss Club Pledges Four Men at Smoker

The Truss Club takes pleasure in announcing the pledging of:

- P. Nebel, E. E., '32
- R. Dombrowski, E. E., '33
- B. Moore, C. E., '33
- J. Leonard, M. E., '34.

A smoker was held November 6 for the alumni members at the Truss Club's new quarters, 3423 S. Michigan Ave. The guest of the evening was Professor Jamieson.

Notice

A student living on the south side of the city and driving to school may have the opportunity of making a little money by bringing a passenger with him. For further information see W. H. Rudolf, '32.

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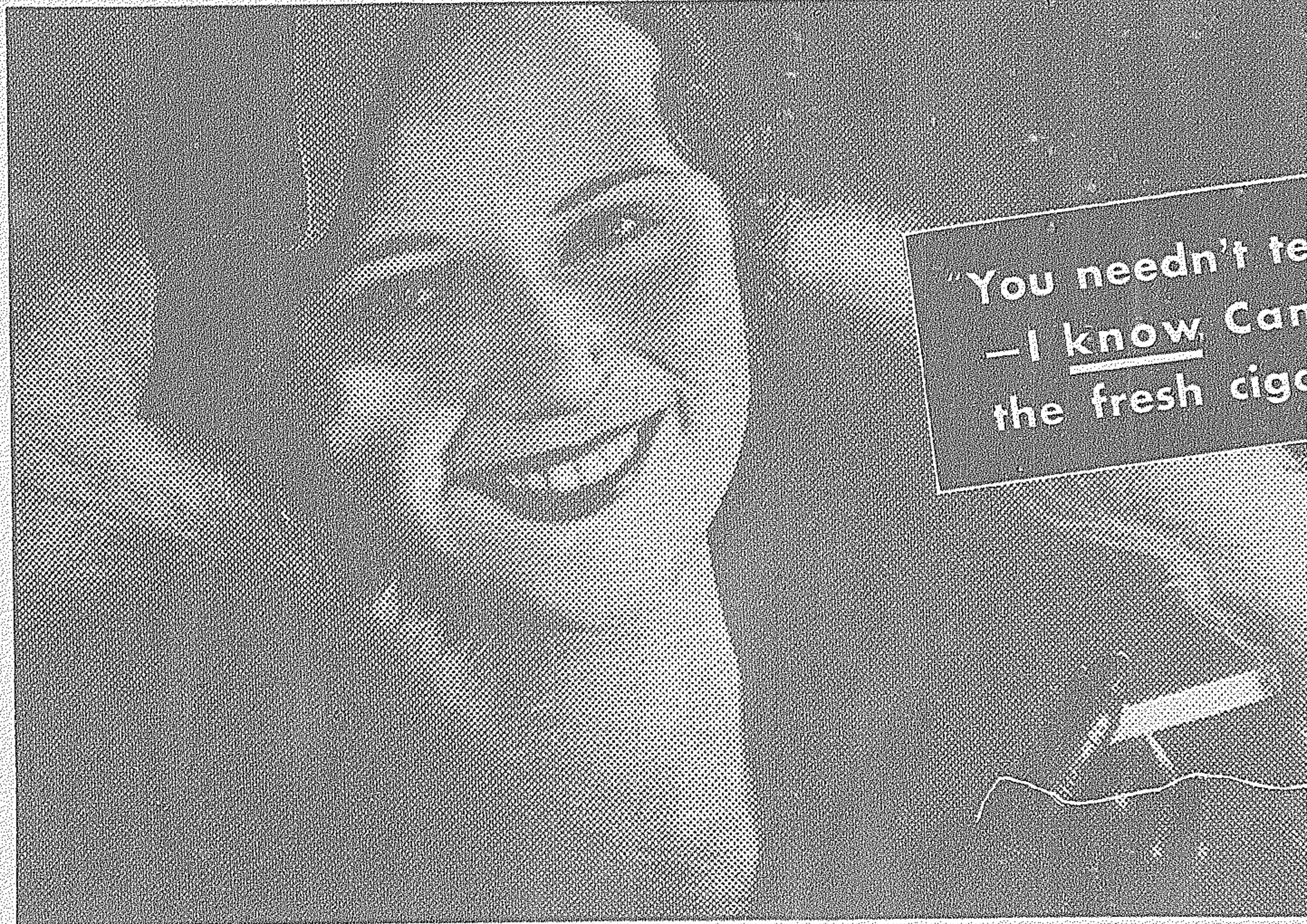
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See local paper for time

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