

OPEN HOUSE NIGHT IS PRESENTED BY ARMOUR INSTITUTE

Students at Work Is
Theme of Annual
Visitors Night

BEGINS JUNIOR WEEK

(Continued from page 1)
Hall, will be the Dodge and Willys cut-out chassis, various types of aircraft engines, and a Chrysler six cylinder Red Head Engine for mechanic's studies. A special device for determining belt creep, being accurate to one part in ten thousand, will also be presented for observation. An electric cradle dynamometer horsepower test will be run on an eight-cylinder Chrysler engine, with air and gasoline meters.

Civils Show Instruments

Surveying equipment and instruments will be on display in the civil drafting room, third floor Mission building. The Beggs Deformeter equipment for mechanical stress analysis, and navigation charts and instruments can be seen. Drawings of the senior, junior, sophomore, and freshman classes in civil engineering will be on display. The drawings will cover work in the structural design of bridges, buildings, and airplanes. In addition, sample calculations will clarify all problems which must be contended with in structural design. A complete filtration plant will be in operation at 3343 Federal street.

Basic principles involved in the progress of aviation, will be set forth in the form of several talks by students, in room B, Mission building. "The History of Aviation" will be related by A. D. Burnet and J. T. Mauer. "Current Development in Aviation" will be rendered verbally by B. L. Wanderey and J. H. Scheyer. The talks will be illustrated by slides and motion pictures.

Chemicals Offer Variety

Customary activities of the students in the Department of Chemical Engineering will be set forth in all of their demonstrative work. The sophomore class, divided into approximately two equal groups, will exhibit its work in organic chemistry and in quantitative analysis in its laboratory, fourth floor Main building.

Students will demonstrate the methods employed in the preparation of metal samples for photographing, demonstrating the equipment used in taking such photographs and showing photographs of such specimens.

In the physical chemistry laboratory, the junior class in chemical engineering will perform selected experiments from its daily routine. Students in general chemistry will, in addition to qualitative analyses of unknown substances, compile work in quantitative analysis on baking soda, silver in an alloy, and iron in an iron ore. The spectroscopy will be used and exhibits of osmotic pressure and osmosis, have been arranged.

Industrial Exhibit

Upper classmen and graduate students will demonstrate work in industrial chemistry. The processes and equipment to be demonstrated will be fractional distillation, manufacture of paper, operation of an electric furnace, clarification and chlorination of Chicago water, production of a synthetic gasoline, and many others. The seniors will exhibit products based on the enrichment of ores, the double effect evaporator, and other excerpts from their daily work.

F. P. E.'s Show Extinguishers

The Fire Protection Engineering Department will present an exhibition of various types of automatic sprinkler devices as applied to the prevention of fire in large warehouses.

Actual demonstration of the different kinds of fire extinguishers and the applications of Foamite will also be shown, along with a complete line of various types of signal apparatus, both automatic and manual. The senior fire protects will be in charge of the demonstrations to be held in the physics lecture room, second floor of the Main building.

Vast Electrical Exhibit

Progress in the field of electrical engineering is evident in the fea-

ARX NEWS

If "a house divided against itself cannot long exist" applies to the freshman class, the frosh will offer little resistance to the onslaught of the sophomores. A veritable civil war is taking place among the freshman architects, who have stripped men of their own ranks of their pants, and with these all of their **MODESTY** was shorn.

Prof. A. C. Wilmanns gave his construction enthusiasts quite a treat last week by substituting for his classes an inspection trip to the "Fair" grounds and a lecture by Mr. Charles E. Close of the National Lumber Association. Mr. Close's talk was illustrated with motion pictures of the logging, milling, and fabrication of lumber.

For the current senior project, which is due today, Bob TUFTS had no less distinguished a "nigger" than Charles GOLDMAN '31.

Al Marberg did Prof. Sholto Spears one better in the latter's Graphics class. After the good professor had attempted to close the transom to no avail, "Student" Marberg "muscle" in, completed the task, and was duly applauded for same. Prof. Spears (still looking for John Benya) graciously conceded the honor to Marberg.

Architects Cordes, Flyer, and Palmer submitted poster designs for the junior formal competition. "Blushing Bert" Palmer calmly walked off with first honors and was presented with a silver award. That'll look darned cute on her dresser, Bert!

To Whom it May Concern—be-ware—Refrain from further tactics such as hiding coats and vests! ! ! Imagine a man's plight should he leave his trousers in the wolves' path! ! !

EAGLE EYE.

tured displays of the Department of Electrical Engineering. In the dynamo laboratory, first floor, Main building, the high-voltage Tesla oscillator will be the main attraction throughout the evening. Other exhibits will be the breakdown tests of insulation, wave forms by the oscillograph, demonstration of resuscitation, the rotating magnetic field, and three-phase motor windings.

A model of a light-operated garage door, a high frequency knife, photo-electric counter, and electromagnetic forces are a few of the many exhibits on display in the main laboratory, second floor, Main building. Television, the electro-cardiograph, and the neon oscillator and stroboscope will be featured in the junior electrical laboratory, also located on the second floor. The lie detector will be on display in the electrical lecture room.

Exhibit in Physics Lab.

The physics laboratory, first entrance, Chapin Hall, will feature as its exhibits, the discharge of electricity through gases at low pressures, music from an interrupted light beam, experiments on liquid air, and short radio waves. About twenty experiments will be performed by the students, and in addition an illustration will be given of Newton's Laws of Motion.

Additional physics experiments will be demonstrated in science hall, third floor in Main building. Demonstrations there are based on the transmission of sound over a beam of light, radio waves along wires, and various other experiments, including the rotating magnetic field.

Library Displays Rare Books

In the Library, which is located on the first floor of the Main Building, will be shown the rare books owned by the Institute.

An exhibit of architectural drawings is presented in the foyer of the Main building. The exhibit, consisting of those drawings compiled by Armour's architectural students, will contain a freshman composition plate, two freshman sketches, a sophomore project of a "Church and Church School," two junior projects consisting of a "Dean's Residence" and a "Suburban Bank," and a senior project portraying a "Synagogue." Work in archaeology will be represented by a "Persian Mosque," and an interior design is submitted in the form of a "Florist's Shop."

Lighting of Fair to Be Subject of Talk

Next Sunday on the Armour Institute radio program, Mr. D'Arcy Ryan will describe how the unique exterior lighting effects at A Century of Progress Exposition are achieved. Mr. Ryan is chief of the department of exterior illumination at the Exposition and has instituted many new ideas in order to get the desired effects.

In the basement of the Administration building an experimental lighting laboratory is constantly trying out new ideas in lighting engineering. In his talk, Mr. Ryan will explain how these unusual lighting effects are attained by the use of moving lights, and many other ingenious devices which have never before been used.

Last Sunday, Mr. Victor E. Marx, editor of the magazine "Baker's Helper" and vice-president of the American Society of Baking Engineers, presented a talk entitled "The Engineering in A Loaf of Bread."

He explained how the increased use of baked goods has brought about many important developments in the baking industry. Research men connected with the milk and milling industries have made many important contributions to the baking field.

Fraternity Notes

TRIANGLE

Kappa Phi Gamma of Northwestern University has been granted a charter as a chapter of Triangle Fraternity. The formal initiation of the chapter will take place in the fall.

On Saturday evening, May 27, the Armour Chapter will celebrate the tenth anniversary of its founding.

Triangle is planning to have a large group present at the Junior Prom. To date about six of the alumni have sent in for bids, which will bring the total number present to about fifteen. Arrangements are being made for the Senior Farewell Party at the chapter house.

Bud Windbigler, '31 is living at the house while working in the City.

BETA PSI

Following in the footsteps of his brother Emmet, who graduates this June, Harold Cordes, Arch. '36 was pledged to Beta chapter at a ceremony held last Friday.

Saturday, May 27, has been chosen as the evening for the annual Senior Farewell dance. It is expected that a large crowd of alumni will be on hand to help make this dance the best of the year.

Last Thursday afternoon witnessed the first meeting of the newly organized Mothers' Club.

DELTA TAU DELTA

Last Wednesday evening the annual May 10th or Founder's Day party commemorating the granting of the charter was held at the house. The entertainment and refreshments were excellent and many of the alumni were present. L. P. Brown came in from his home in Michigan to attend the party.

Last Sunday the May meeting of the Mother's Club was held. This meeting was especially successful inasmuch as it was the last meeting of the year and was held on Mother's Day.

PHI KAPPA SIGMA

The annual chapter picnic will be held at the Indiana State Dunes park next Sunday, May 21. We hope that the prolonged Spring rains will be over by that time.

Archie Evans who was with us till last fall writes from Randolph Field, Texas, reporting fine progress in both the aeronautical work and baseball with the army flyers.

PHI PI PHI

The annual Farewell Party given in honor of the departing seniors will be held at the Chapter House on May 27. A large crowd of actives and alumni will be on hand to give the seniors a big sendoff.

The baseball team is out for its tenth consecutive championship. The stellar pitching of Pfum and a hard

hitting team is expected to bring home the bacon.

Ray Stellar, Tom Sullivan, and Perry Hall visited the Chapter House last Tuesday.

RHO DELTA RHO

Brother Ira Krawitz has written the skit for the fraternity Circus Day Stunt and has already chosen the participants. Ira was also the author of last year's stunt.

The baseball game with Sigma Kappa Delta scheduled for last Thursday was postponed until Friday, May 12 at 6:30 p. m.

SIGMA KAPPA DELTA

Plans were discussed at the last meeting for the activities during Junior Week. We have been practicing for the fraternity sing, and hope to make a good showing. Members of the track team are rounding into shape in anticipation of Interfraternity track. A relay team also has been organized. Plans for a stunt for the pageant are under way. The pledges will give a radio dance on Saturday, May 20.

Brother Don Landwer, ex-'34 visited the house last week. Don expects to work this summer as a guide at the World's Fair.

The baseball team won its second round game against Phi Kappa Sigma. The team played good ball after a rather shaky start.

They
Satisfy

.. all you
could
ask for!



Just two
words...

Yes, I have heard about two words; and now and then three words—but "They Satisfy" means "To gratify fully."

Why do these two words "they satisfy" fit Chesterfields? Because Chesterfield Cigarettes are *milder*. Because Chesterfield Cigarettes *taste better*.

Chesterfield's way of blending and cross-blending fine Turkish and Domestic tobaccos brings out better flavor and aroma.

They Satisfy!

Chesterfield

the cigarette that's **MILDER**
the cigarette that **TASTES BETTER**