

Engineers, Pharmacists hold annual open house

Pharmacists open college for festivities

Students convert rooms, laboratories into display exhibits for open house

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activities and demonstrations fall into these categories: fundamental processes, galenic preparations, pharmacopoeial testing, analytical pharmaceutical chemistry, physiology and pharmacology, pharmacognosy, prescription compoundings, and pharmaceutical dispensary. Or, in more simple terms:

The fundamental processes incorporate mostly things indirectly related to pharmacy. Here they effect solutions and demonstrate various physical processes. There will be tests to explain how specific gravity, boiling points and melting points are determined. Processes of solution and of extraction will be demonstrated, as will be the mechanical subdivision of drugs.

Exhibit on galenic preparations leads the visitor into the beginning of actual pharmacy. Here they see the ingredients of certain tinctures. The various classes of this group are waters, solutions, spirits, mixtures, tinctures, fluid extracts, liniments, emulsions, ointments, powders and capsules.

Visitors see tests.

Pharmacopoeial testing is the demonstrating and explaining of some of the tests outlined in the Pharmacopoeia of the United States. (This publication contains tests and requirements used in connection with the Federal foods and drugs act.) The visitor will see here representative tests for purity and the testing of drugs and medicines. Shown here will be melting point determinations, eutectic mixtures, testing of glass containers for solubility, testing of liquid petrolatum, congealing points of acetic acid, benzene and oil of anise. Also shown will be charcoal absorption, preparation of soap, detergent action of soap, detection of arsenic, preparation of Thymol iodide, digestive action of pepsin, and solid alcohol.

The analytical pharmaceutical chemistry demonstration group will show the application of chemistry to pharmacy. Shown here will be analytical methods and the testing of products. Among these exhibits are to be found iodometric determinations, permanganate determinations, alkaloidal assays, refractometer, polariscope, and the colorimeter.

Frogs on the spot!

Physiology and Pharmacology demonstration is the showing of physiological processes and tests. Here a frog will be placed under a microscope to show the circulation of blood. Actions of drugs will be shown here. Steadiness tests and color vision tests will be given. Spirometer will test lung capacity. There will be a demonstration of X-Ray photography. The electrocardiography exhibit is to demonstrate a picture of the heart beat. Also will be shown drug standardization, pictures on a projector, and blood pressure determinations.

The exhibit on pharmacognosy has to do with the collection, prep-

Architects build unique example of kinetic sculpture

Unique, strange, and beautiful is the feature exhibit of the architectural engineers' display at the west end of Grant Memorial, as the designers of the future employ all their ingenuity and skill to produce a rhythmic array of sound, color, movement, light and shadows.

The complex instrument, complete and perfect in every detail, consists of one large disc with regular holes over its surface, a smaller disc in front and to one side of this, with holes on half its surface, and a round steel ball which completes the front of the ingenious machine. Behind this is a revolving platform consisting of various shaped designs in wood and glass. The smaller disc on the front of the machine moves downward, causing a steel ball to move down a steel bar; when the disc returns to its former position, the ball does likewise. Kinetic sculpture is the name applied to the unusual device.

Resulting from this ultra-modern conglomeration of discs, holes, designs, etc., will be the beautiful and unique designs flashed upon a screen, accompanied by the music of Stravinsky.

To attract attention to this excellent exhibit will be a mobile face, which will be so constructed that as the wind blows the expression on the face will change.

Ex-NU student ends air course

Successfully completing the first stage of the Air Corps flying training, Robert Voigt, former Nebraska student is now being transferred to Randolph Field, Texas. Voigt enlisted in the U. S. Army Air Corps last December after two years of engineering here.

ation, and presentation of crude drugs.

The group which is doing prescription compounding will allow the visitors to see how prescriptions are actually compounded.

The pharmaceutical dispensary group will present an exhibition concerning the dispensary. It is intended to show how it is run and how dispensing is taken care of in it.

A trip thru the pharmacy college building tonight is intended by the pharmacists to give the visitor somewhat of an idea of what pharmacy is all about and to show some of the interesting processes and work connected.

Engin campus buzzes with honoraries

Outstanding among the honoraries on Nebraska campus are several engineering societies whose purpose is to further the ideals of scholarship and to promote fellowship among students.

Sigma Tau is an honorary open to all engineers. There are 23 active chapters of the society, the main purpose of which is to promote scholarship, practicality and sociability. Members have established a loan fund for need students.

Pi Tau Sigma, made up of men in the upper third of the junior and senior classes in mechanical engineering, was established here two years ago. This organization annually awards an honor to the graduate who has made the best progress in engineering. The Nebraska chapter is composed of 37 men this year.

ASME.

American Society of Mechanical Engineers is an organization whose main purpose is to promote interest in mechanical engineering. Presentation of student papers and talks of interest to its members are the main business taken up at their meeting.

Consisting mainly of men in agricultural engineering, the American Society of Agricultural Engineers has 12 branches in schools over the entire country.

Holding a banquet once a year, the American Society of Civil Engineers has 97 student chapters in schools in the United States. Lectures by prominent civil engineers or students and inspection trips are the main features of this society.

AIEE.

American Institute of Electrical Engineers has 47 student members in the Nebraska branch and 5 faculty members in the Nebraska section. Technical papers are presented at their meetings.

Open to graduations and undergraduates of chemical engineering, the American Institute of Chemical Engineering serves the chemistry department in many ways. Hearing addresses by outstanding men in the chemistry field, the society unifies the department so that it is more capable for action.

Founded in 1920, the Society of American Military Engineers is open to students in advance engineering in the ROTC unit.

Aggies plan show of irrigation and farm problems

"Water, water, everywhere" will be the theme of the ag engineers major display, as they prepare to show how farms should be properly irrigated at the Engineers' open house tonight.

Illustrating this important factor of farming will be a model field, made of metal and painted brown to depict the soil, with actual water meandering thru the make-believe earth.

The model, product of many days labor, caused difficulty for the designers because it was difficult to build a field which would not allow the water to run all over it. The expert technicians, however, were not dismayed and overcame the difficulty.

Movies.

Movies will also be shown in connection with the problems of agriculture, as well as 70 slides showing conservation problems. Ag engineer exhibits will occupy the east end and hallway of University hall.

Advantages of rural electrification are to be demonstrated by the use of an electric pump and a hand pump, the former to illustrate the great amount of water which can be circulated at comparatively little expense and with no effort, and the latter showing how rapidly a man would have to pump to circulate the same amount of water.

Walker to speak at journalism society meeting

Gayle C. Walker, head of the school of journalism, will be among 38 people initiated as charter members of Pi Delta Epsilon, national honorary journalism fraternity, at Midland college Friday evening. Walker will make the banquet address, speaking on "Journalism in a Changing World."

With W. Emerson Reck, Midland journalism professor, the Nebraska teacher will become an honorary member while Herbert W. Walker, general manager of Newspaper Enterprise association (NEA) of Cleveland, will be made an alumni member.

The fraternity was founded at Syracuse 31 years ago. The Midland chapter is the first in Nebraska and only five of its chapters are west of the Mississippi.

Hemsworth, Scott head committee

Pair chosen to assume responsibility of annual engineering festival

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in the Temple at 11 a. m., May 3, to hear an address by L. J. Fletcher, assistant general manager of a tractor company at Peoria, Ill. Field day activities will take place in the afternoon on the new intramural field north of the coliseum and a dinner and program will follow that evening in the Union.

Engineers ball.

The annual Engineers ball will be the main event of the day Saturday, May 4. The ball will be held at the Cornhusker hotel and will officially end the week's festivities.

First engineer's open house was held in 1895, on the eve of Charter Day. The exhibition that year was little more than an electrical exhibition. In time the affair was moved to the first week in May and constituted one of the earliest of the "College Days" activities.

As time went on the show expanded to include the military, civil, mechanical, agricultural, architectural, and chemical engineers. Every year an attempt is made to make the show larger. Today the crowd will total about 5,000. The first year the crowd was only a few hundred. Judging by the crowd's response, the engineer's night celebration has proved itself a success.

Chairman.

Department chairmen are: Phil Eshelman, Riverton, agricultural engineering; Sidney Campbell, Lincoln, architecture; Ralph Staubaum, Tefft, Indiana, chemical engineering; Roger Evans and Glen Krueger, Lincoln, civil engineering; Henry Berry, Curtis, electrical; and Truman Spencer, Lincoln, mechanical engineering.

ME's make air visible; pour liquid metal in exhibit

Would you like to see this air we breathe? The mechanical engineers make this possible in their exhibit this evening. In operation will be a liquid air machine, which "squeezes" air into a bluish-white liquid.

The feature exhibit will be a machine shop in operation. With a guide, the orderly confusion will become comprehensible, and you will realize that these student engineers are operating engine lathes, automatic screw machines, planers, shapers, milling machines, drill presses and stamping machines.

Many will see for the first time molten lead being poured, and to help spectators to understand the process, the foundry will be equipped with a public address system.

For the modern minded, there will be a complete aeronautical display, the main exhibit being a full-feathering variable-pitch propeller.

Laws, Engineers sign peace pact; renewed violence breaks out

Violence in an ancient feud, which leaders of neither side pretend to want any more, flared again yesterday when law and engineering students came to blows over the possession of the slide rule sign posted in front of Pharmacy.

About noon yesterday, a truce was signed by five lawyers and five engineers to the end that the violence would cease. Substance of the truce provided that the laws return the engineer's property, which had been taken, providing there would be no more fighting or incitement by either group.

Events which led up to the truce began Tuesday when laws stole the slide rule sign in front of Pharmacy.

Yesterday's action.

Then, yesterday morning: Engineering students outraged by the laws' retaliatory action Tuesday night when they burned one of the signs in front of Pharmacy were further rankled when a small group of laws stole their slide rule for the second time in 24 hours.

The laws, using a Buick to spirit the sign away, had the engineers in hot pursuit as soon as enough of them could be recruited from labs, classes and campus buildings. Hot on the chase of the "sign-swipers," the engineers descended on the law college where they were soundly booed by several classes which began to sing,

"We don't give a d— for the engineers."

Meanwhile, the engineers, unable to find the rule in the law college, decided not to leave empty handed so five of the more bellicose lawyers were taken from the building and carried over to Mechanical Engineering for a tanking.

Can't use ME.

Barred from the use of the tank in the building, the engineers took their victims around to the rear of the building where they used a garden hose to dampen the ardour of the lawyers.

First lawyer to be soaked was not given a chance to remove any of his clothing. Second man to be soaked momentarily wrenched himself from the grasp of his captors to slug the nearest engineer and get possession of the hose, which he turned on his assailants. When some 30 engineers jumped on him to reverse the process, he gave in. The other three lawyers gave in peaceably allowing themselves to be soaked.

While some of the engineers cheered the lawyers who had taken the soaking, others started out for the Delta Theta Pi house where it was rumored the rule had been taken.

Truce at last.

It was when more than 100 engineers descended on the fraternity house that the truce was effected. The traditional feud between the two colleges is so old that neither group knows exactly when or why

it started. Still year in and year out Ivy Day time brought scuffling with the correlary injuries of lesser or greater degree between the two groups.

Yesterday, charges and counter-charges flew back and forth between the two groups as to who started the rioting. The laws? The engineers? Some even charged the DAILY with responsibility for inciting the fracas by the story printed in Tuesday morning's paper. At any rate, all the elements of a good scrap were present.

Hopes...

Men, who signed the treaty, later in the day expressed the hope that this would end the hostilities, if not for ever at least for this year. But treaties have been effected before between the two groups. In 1926 both groups signed a mutual pact to cease the warfare. Since then the laws presented the engineers with a green derby as a token of their good will. The trophy, which now rests in Dean Ferguson's office, almost occasioned a battle last year when law students hinted that they were going to attempt to get the trophy back. Another time the Pi Alpha Delta house was wrecked in a riot during which the fire department had to be called out to stop the fighters with the stream from a hose. That year the engineering college was closed for three days until engineering students had paid 75 cents apiece for the damage to the house.

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