



Armour Tech News



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President Announces Appointment Of Renowned Scientists to Staff

New Men to Aid in Research

Dr. Willard E. Hotchkiss, president of Armour Institute announced last week the appointment of several distinguished scientists to the staff of the Institute faculty and research foundation. These appointments, which include several men of world prominence in the scientific field, are in accordance with the expansion program being carried out by the Institute.

Authority on Heat Joins Staff

Dr. Max Jakob, German scientist and world authority on heat exchange, has been appointed to the staff of the research foundation as director of the new heat exchange laboratories. Dr. Jakob was in the United States last spring on a lecture tour of major engineering institutions and engineering societies, and is well known here for his research on steam, calorimetric experiments on latent heat, volume of saturated steam at high pressures, evaporation, and condensation.

Spoke Here Last Year

Dr. Jakob was born in 1879 and received engineering degrees from the Technische Hochschule, Munchen, Germany; the degrees were in electrical engineering and in technical physics. He received his doctor's degree in 1904 and has had considerable experience in research and en-

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Sophs Complete Plans for Dance

When the Junior Prom becomes but a pleasant memory and dancing feet itch for the boards once more, the sophomore class will hold an informal dance on March 5. "The Sophomore Spring Informal," says Social Chairman B. G. Anderson, "will be our most auspicious venture to date. It will feature a beautiful setting—the Oriental room of the Knickerbocker hotel—and a great band, Noble and Donnelley's Drake Hotel orchestra."

The Oriental room of the Knickerbocker will indeed be a beautiful setting. It has recently been redecorated. A large modernistic room, it's all in white, and is capable of accommodating 1,000 people comfortably. A lounge balcony circles above the dance floor, at one end of which is a cocktail bar to refresh thirsty dancers. The glass floor it considered one of the best surfaces for dancing in the city; multicolored lights under it will flash on and off while the dancing is in progress.

Noble and Donnelley have acquired quite a reputation in Chicago for swing music while they were playing at the Drake. The sophomore social committee considered themselves fortunate to book them for that evening.

Last week in the *Tech News* there was a statement to the effect that the dance bids will be limited. B. G. Anderson hastened to qualify that statement. "It will be limited," he said, "but to five hundred couples."

The bids are priced at \$1.50 and will probably be put on sale sometime next month.

Musical Fraternity Admits Sixteen Men

Sixteen men were initiated by Pi Nu Epsilon, honorary musical fraternity, last Thursday night at the Triangle fraternity house. Those admitted into the fraternity were: O. Gordon Erickson, musical director, W. A. Chapin, W. J. Chelgren, E. G. Ciechanowicz, J. H. Damiani, J. L. DeBoo, B. F. Heine, M. F. Jaedtker, J. Kichaven, J. Mashman, C. K. Nauman, A. Rune, F. G. Westerman, G. R. Wiegman, and R. E. Worcester.

After being entertained at the fraternity, the group attended the Selwyn theater, where they saw the production, "Leaning on Letty." Several of the group stopped at the Old Heidelberg after the performance.

Sherman Hotel to Be Site of News Dinner

Announcement of the new staff of the *Tech News* will be made at the annual *News* banquet to be given on Tuesday, February 9, in the Sherman Hotel. Arrangements for this affair were in the hands of W. Chelgren, chairman, R. F. Beardsley, C. Nauman, A. N. Schrieber and I. Thomas. The committee has already made banquet arrangements and has also engaged the recreation facilities of the Sherman for the entire evening. As this is the last issue of this semester, the new staff will take charge immediately next semester.

The faculty advisory board, consisting of Professor W. Hendricks, chairman and Professors W. W. Colvert, J. B. Finnegan, J. F. Mangold, J. C. Peebles, and C. E. Paul, will probably be present.

Soil Mechanics Lab Receives Equipment

Equipment recently installed in the soil mechanics laboratory plus new acquisitions to be made in the near future will complete the furnishings of Armour's unique laboratory. A "humidity room" to preserve the moisture in soil samples has been completed and will soon be in operation. By keeping accurate control of humidity, the wax-sealed samples will retain their natural moisture. An automatic humidity device will soon be purchased to insure accurate control of the 98% relative humidity required.

Professor Herbert Ensz, who is in charge of the soil mechanics laboratory, is teaching a graduate course in soil mechanics and an elective course to senior civils. At present Professor Ensz illustrates theoretical points by experiments conducted in the laboratory.

Armour's soil mechanics laboratory now has sufficient equipment to perform all types of routine tests. Soil tests for engineering purposes may be divided into three groups: first, routine tests for the classification of soils; second, tests for the purpose of determining those physical characteristics of soils which have a direct bearing on problems on earth and foundation engineering; and third, a group of widely diversified tests for research purposes. At the present time tests are only being made for the routine tests, some of which have already been performed.

Next Fall the night school students will have the opportunity to take a laboratory course in soil mechanics.

A.I.E.E. Plans to Have Modern Lighting Talk

Mr. Walter W. Kantack, a high official of Kantack Incorporated, will probably speak before the Armour branch of the A.I.E.E. in February, according to L. Holmes, president of the A.I.E.E. The subject to be discussed by Mr. Kantack will be "Designing of Modern Lighting Fixtures and Appliances."

Professor Hobson, a new professor in electrical engineering at Armour, discussed the "Method of Measuring High Voltages" by the Sparkless Sphere Method, as used by the California Institute of Technology, at the last meeting of the A.I.E.E.

Plans are being made so that the A.I.E.E. of Armour may be the host of A.I.E.E. branches, from other colleges as Purdue, Lewis Institute, University of Illinois and Northwestern University.

TWO PROFESSORS ILL

Assistant Dean Charles A. Tibbals and Professor John F. Mangold of the mechanics department were absent from their classes last week because of influenza.

Dean Tibbals has been ill since January 15. Both professors are expected to return early this week.

Extra Freshman Scholarship Given

Because of the unusual ability of the applicants, six instead of five full year scholarships are being awarded by the Freshman Scholarship Committee to incoming freshmen. The awards were based upon the annual mid-semester scholarship examinations given January 9, and a personal interview of each applicant. Seventy-six high school students from Chicago and vicinity competed.

Those receiving a full year's scholarship and their high schools are: Sidney A. Heenan, McKinley; Donald W. Long, Amundsen; Robert J. Mead, Senn; Lee H. Niems, Austin; LeRoy Noakes, Englewood; and Alvin L. Winkler, Fenger. In addition to the winning men the following alternates were chosen: J. Flood, Calumet; D. Hanahan, Springfield; G. Mahn, Tilden; T. Nykiel, Crane; and R. Schwimmer, Senn.

The extra scholarship award was made by the committee because of the outstanding ability and caliber of the first six men. According to the Scholarship Committee, the competing men as a group were decidedly superior to past high school students. The examination was taken by the largest number of men in many years and consisted of mathematics, physics, and chemistry.

Assistant Dean Tibbals was in charge of the examinations, and was aided by Professors Bibb, Sear, Seegrist, Sprague, and Winston. Following the examination the social fraternities were hosts to the applicants.

Players Portray Hillbilly Drama

Guns, Drawls, Laughs, Make For Eventful Morning

The ghost of old Judge Lynch hovered over the Armour Mission last Friday morning when an exciting one-act play, "The Quarry", was presented by the Armour Players. "Maountain" drawls, blood-thirsty lynchers, a shivering quarry, fearless sheriffs, an eager reporter, gunplay, and frequent audience laughs marked this second venture of the Players' season.

Rapid action was the keynote of "The Quarry". Never once did the movement of the plot lag, nor did any of the audience drowse. Mr. Fulghum, the players, and the technical staff are to be commended for presenting so entertaining a play.

Show Character Contrasts

A study in character contrasts as well as the development of a tense dramatic situation was shown. The bluff hearty sheriff portrayed by F. M. MacConnell was a sharp contrast to the indifferent bewildered culprit, Gus, portrayed by R. Weissman.

The contrast between Max Ephraim Jr. as an easy going, tobacco chewing deputy sheriff and E. H. Worcester as the frightened, begoggled reporter was even more sharp. R. I. Jaffee and J. Mashman as two fierce, pistol waving lynchers put the finishing touches on the scene.

Prisoner Not Worried

The plot of the play dealt with the plight of an accused but innocent kidnapper with an angry mob bent on lynching him raging at the door outside. Several rich comedy scenes develop from the prisoners' concern over the situation while everyone else was worrying over the state of his neck. The outcome of the play, where right rules over wrong and justice is done, is but incidental to the main objective behind "The Quarry"; to present a scene pregnant with drama and humor and to show the reactions to it of a typical human group.

Compliment Lischer on Set

The setting and lighting effects excited much comment. The jailroom setting with its modernistic cell blocks throwing a sombre shadow across the stage was designed by R. P. Lischer and constructed by J. M. Kubert and his assistants, R. E. Worcester and B. G. Lease.

Martin Herz to Lead Chi Epsilon Honorary

Chi Epsilon, civil engineering honorary fraternity, elected officers for the coming semester at a meeting held last Friday morning. Heading the organization will be Martin S. Herz. Other officers elected were S. Taradash, vice president; J. C. Stern, reelected secretary, and Prof. R. L. Stevens reelected treasurer. S. Rabinowitz will continue to act as associate editor of "The Transit," the fraternity's magazine.

The new officers were installed immediately after the election. Retiring officers are: Lewis E. Zwissler, president, and P. L. G. Moore, vice president.

Regular Registration To Close February 8

Preliminary registration for the February semester began yesterday and will continue through January 30. The final registration day will be on February 8. Due to the confusion which is prevalent on February 8, students are advised to avail themselves of the earlier period if it is at all possible.

The registrar's office advises the students to make tentative programs with the aid of the master schedule in the foyer of the main building. Students are then to fill out registration cards and in return receive class enrollment cards and bills for tuition and fees which are to be paid in the cashier's office on the second floor of the Main building. With the completion of enrollment, students are to return the enrollment card and a final program card to the registrar's office.

Special elective subjects are not listed on the schedule. For application in any such course, students should confer with the instructors. The hours for the classes will be determined later. The instructor named in the schedule will have full charge of registration for their department.

Alpha Chi Sigma Has Initiation Ceremonies

Twelve men were admitted into Alpha Chi Sigma, national professional chemical fraternity, at formal initiation ceremonies held last Tuesday night. A fraternity pledge examination in conjunction with an informal initiation was given in the Alpha Chi Sigma rooms on Monday.

Those initiated were: A. G. Dreis, E. E. Kreml, and H. E. Little, seniors; E. C. Berger, J. Danek, J. Dunne, G. F. Thodos, and E. F. Wagner, juniors; and J. D. Keane, E. J. Loutzenheiser, G. E. Morris, and P. J. Peltier, sophomores. A theater party is being planned in the near future for the initiates.

Dr. Eisermann Talks On Next Leipzig Fair

Dr. Felix Eisermann's talk on "Engineering Developed in Germany" featured the special A.S.M.E. meeting held Tuesday, January 19, in Science Hall. Dr. Eisermann is now touring the United States on a good will trip in connection with the Leipzig Trade Fair which takes place in Germany the first ten days of March.

The Fair is an annual event which offers opportunities to buyers of machinery, and a chance for one to study machine tools. Six thousand machines in working order will represent 3,000 different manufacturers at the exhibits. Dr. Eisermann described the new developments in machinery which have been made in Germany.

Due to the lack of petroleum in Germany, fuel research is an important problem. At the present time, tar oil, wood gas, and powdered coal are used in internal combustion engines.

Other subjects included in the talk were Diesel compressors without connecting rods or crankshafts; steam boilers; machine tools, both electrically and hydraulically operated; and plastic materials of which the most important is bakelite.

CLASS OFFICERS TO LEAD GRAND MARCH OF JUNIOR FORMAL ON FEBRUARY 12

Fraternity Presidents and Officers of Other
Classes Will Follow; Bill Hogan's Band
To Furnish Rhythm

ENGINEERS ANTICIPATE NIGHT OF NIGHTS



BILL HOGAN

Popular leader of Hollywood Californians to wave baton at Junior Prom.

Cycle of '37 to Have Novel Make-Up Style

Innovations in the form and style of the new 1937 *Cycle* were announced last week by the staff of Armour's yearbook, headed by P. M. Martin, editor. The new edition will be divided into three sections: Fall, Winter, and Spring; and all activities will be placed in their proper section. In past years the *Cycle* was made up in the following order: faculty, graduates, social activities, and sports; and each edition differed from the preceding one only in the addition of new pictures.

Special emphasis is being placed by the staff upon the quality of pictures. The faculty, graduates, and organization's pictures are being taken by the Marshall Studios, and school scenes are being taken by a staff of students under the chairmanship of E. P. Mehringer, president of the "Armour Eye." Another change from past *Cycles* will be the presentation of undergraduate classes in small groups of five students in each picture. The art details of the *Cycle* will be in the hands of A. H. Ramp, Arch. '37; and J. Kichaven, Arch. '37.

Griff Explains His Famous One-Two Punch to Zazu, 'Tech News' Scribe

"Quarter-ta-five, boys, closin' time." There isn't a man at Armour who at once won't recognize the originator of this statement. For fourteen years now, it has been the final warning to frantic frosh as they scurry about in the chem lab in desperate haste to get their all-important apparatus safely tucked away before they arouse the ire of the grim and stern figure hovering over them. Standing arms akimbo—a khaki machinist's cap over a healthy red complexioned countenance; twinkling blue eyes; jaws in deliberate motion slowly chewing up and down, an occasional exhortation of tobacco juice—is Grover Cleveland Griffin, better known to us as plain "Griff."

Griff was born in Yadkin County, North Carolina, on November 18, 1884. He was named after "the only president who ever made a comeback," to quote him exactly. He was not the son of a punch-wielding street car conductor as many of our wits have suggested. His dad, Julius Griffin, was a farmer and lumberman. While in his early teens, Griff felt an urge not uncommon to most young men and went traveling. He went to Champaign, Illinois, where he worked and finished his high-school course. After this he once more took to the road. Some of his various occupations were bachelor

An elaborate grand march led by the class officers and the fraternity presidents will open the Junior Prom at the beautiful grand ballroom of the Drake Hotel on Friday evening, February 12. Beautiful gowns of the young ladies will vie with the aristocratic elegance of the ballroom to dazzle their escorts.

Officers of '38 to Lead Wings

The men who will lead the wings are first the officers of '38—William Chelgren, James Dunne, William Schlax, Irving Seidenberg, and Stan Healy. Officers of other classes, Paul Martin, Thomas Cunningham, Arx Masseur, Edwin Mitchell, and James Ransell will follow. Fraternity representatives will be William Laise, Delta Tau Delta; Louis Lange, Phi Kappa Sigma; Eugene Heike, Phi Pi Phi; Harry Perlet, Pi Kappa Phi; Melvin Schuman, Rho Delta Rho; Al Schrieber, Sigma Alpha Mu; Roy Magnuson, Theta Xi; and John Penn, Triangle.

Girls to Receive Souvenirs

Beautiful bracelet souvenirs will be presented to each girl as she enters the ballroom. Then the music of Bill Hogan and his Hollywood Californians will soothe the dancing engineers. With a long list of appearances all over the country and in the movies Bill Hogan's band needs no more recommendation to dance lovers. A distinguished characteristic of this aggregation is their addiction to rhythm and their distinctive style, which is pronounced enough to allow the ballroom novice to easily catch the tempo and enjoy dancing as much as the veteran rug-cutter who will be pleased by the intricate harmonies and novel arrangements presented. Rita O'Hayer, the California Canary, is the featured vocalist and promises to delight the male attendance with her romantic renditions of popular ballads of the day.

The only formal event of the school social year is not one to be missed. Defying tradition, '38 has decreed that their formal will be held, not in May, but at the height

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farming, selling and installing Delco lighting systems in farms and selling patent medicines. "I thought I'd live off the fat of the land," explained Griff, "by selling reducing pills and such, but it didn't work." After that he traveled nine years for International Harvester. By this time Griff and his young wife decided to settle down. He secured employment at the University of Illinois as chemical store keeper. It was from there that he came to Armour to act in the same capacity.

Next to his two young sons and baby daughter, Griff's favorite pastimes are baseball, tennis, and bowling. The highest score he ever rolled in the game of ten-pins was 290. "If I'd put a little more hook on 'er, I'd had a 300 sure as sure," he laments. Last summer Griff attained his goal in baseball. He beat out a bunt to the pitcher. This writer ruefully recalls that day. I was that pitcher! Give Griff a plate of hot biscuits and likewise hot ham and you're his friend for life. He won't exactly refuse three packs of Beech-Nut (no adv.) chewing tobacco a week either.

"I've never yet gotten punch drunk over any of those breakage cards," avers Griff as he thinks of the thousands upon which he has wreaked his havoc.