



## Tibbals Officially Made Dean; Freud Resigns Night Deanship

### Successor to Freud Not Yet Announced

Dr. C. A. Tibbals, who during the past year has been serving in the capacity of Associate Dean of Armour Institute, was officially appointed to the post of Dean of the undergraduate school of the Institute as announced today by H. T. Heald, president. Dr. Tibbals, it was also announced, will devote all of his time to the administrative duties of this office, and takes over the position formerly held by H. T. Heald, who was elected to the Presidency of the Institute a few weeks ago.

### Graduate of Wisconsin

Dr. Tibbals, who is fifty-two years old, spent his undergraduate days at the University of Wisconsin, where he also held the rank of instructor in chemistry from 1902 to 1906. Receiving his Ph. D. there in 1908, he joined the staff of Armour Institute the same year as an instructor in chemistry, serving as an assistant chemistry professor until 1918.

During the war, Dr. Tibbals served in the United States Army as Captain in the Ordnance division and returned to the Institute in 1919 as associate professor of Analytical chemistry. In 1928 he was promoted to the rank of full professor in the same department. In September of 1936 he received appointment as assistant dean of the undergraduate college and in 1937 became associate dean.

### Devotes Time to Teaching

It was also announced by President Heald that Dr. B. B. Freud, professor of analytical and organic chemistry since 1923, who has been serving in the capacity of Dean of the evening division since September of 1937, has resigned this latter position in order to devote all of his time to his teaching duties. The resignation will be effective at the end of the 1937-38 academic year. At the same time, Dr. Freud received appointment as chairman of the section of chemistry under the chemical engineering curriculum.

In tendering his resignation of the Deanship of the evening division, Dr. Freud said: "The duties of Dean of the evening division have become so insistent and heavy that, had I continued as Dean, I would have been forced to forego all teaching functions as well as other professional activities. The importance of the evening division is already so great, and its possibilities for development so

(Continued on page four)

## Alumni Banquet, May 10; Schommer To Be Toastmaster

Armour alumni will gather once again next Tuesday at their annual Alumni Banquet, which will be held at 6:30 at the Medinah club. Among the speakers of the evening will be President H. T. Heald, whom many of the alumni will remember from undergraduate days as dean of the Institute. The indications are that when master of ceremonies John Schommer calls this year's banquet to order, there will be an even greater enthusiasm and unity of action between the alumni, trustees, and administration than in previous years.

One of the features of the evening will be the concert by the Armour Glee Club and Orchestra. At 5:00 the Musical Club members will gather at the Sherman Hotel luncheon room on Lake Street, where they will have dinner. At 6:30 they will appear at the banquet, and the orchestra will play during the meal. The Glee Club will then give a 15 minute concert, after which the Musical Club members will be allowed to leave before the business meeting opens.

There will be an address by Mr. J. D. Cunningham, president of the Armour Board of Trustees and representatives from the various classes whose graduation number differs by five from 1938 will make their reports as to attendance and the activities of their classes.

## Interfraternity Council Revises Rush Week Rules

The interfraternity council held its regular meeting last Wednesday, at the Phi Pi Phi fraternity house. A new board was selected and the fraternity rushing rules were amended.

The new board consists of T. Collier of Phi Pi Phi, president; B. Bernstrom of Delta Tau Delta, treasurer; R. Dodge, of Pi Kappa Phi, secretary; and J. Lindahl of Phi Kappa Sigma, handbook editor.

The amendment embodies the changing of rush week rules. Instead of being held in the second week of school as formerly, it will now be held the week before the official opening of school.

## Tibbals Appoints Fifteen Marshals

In a bulletin issued last Monday, Dean Tibbals announced the appointment of the following men as honor marshals for the baccalaureate and graduation ceremonies. Juniors: George J. Derrig, Max Ephraim, Jr., Daniel W. Jacobson, E. J. Loutzenheiser, Jr., Thomas W. Yeakle, Jr., and A. M. Zarem. Sophomores: John R. Gerhardt, Sidney A. Heenan, Thomas A. Hunter, Robert S. Kohn, Henry F. Newman, and Francis A. Opila.

Freshman: Marvin Camras, Edwin L. Hass and Henry V. Dryer.

These men will be assistants to the head marshal, Prof. C. A. Nash, to see that the ceremonies go off smoothly. The baccalaureate sermon will be given in Orchestra Hall, as in previous years. Commencement exercises will be held in the auditorium of the Museum of Science and Industry in Jackson Park.

Several interesting facts can be culled from the list of men who are to occupy the honor positions. Eight of the fifteen won freshman competitive scholarships, and eight of the twelve juniors and sophomores were honor marshals last year.

The selection of the marshals is made on the basis of scholarship. The six highest men in the sophomore and junior classes being chosen along with the three top men among the freshmen.

## Call for Your Cycles in Bookstore Now! 300 Left

Cycles were distributed to the student body during JUNIOR WEEK, but 300 still remain in the bookstore. Each student that pays an activity fee is entitled to a copy of the yearbook, copies of the *Armour Engineer and Alumnus*, and also a subscription to the *Armour Tech News* without additional charge.

At the present time, many freshmen and sophomores, who have paid their activity fees, have not obtained their copies of the *Cycle*. It will be impossible to hold so many on hand so the men who have not received their copies are asked to do so this week.

Additional copies may be secured for three dollars.

## English Dept. Sees 'You Never Can Tell'

Last night and the night before last saw two groups of Armour students down at the Goodman theater. The occasion was the presentation of George Bernard Shaw's new comedy, "You Never Can Tell." The trip was sponsored by the men in the English department in connection with the departmental study of all forms of literature. Since the modern play has been taken up as the final phase of this study, it seemed fitting and proper to go and see one at first hand.

By a purchase of one hundred tickets, fifty for each night, that number of students were permitted to witness the performances. From all reports, every one of the fortunate hundred had a goodly number of laughs and a thoroughly enjoyable evening. Two of the English professors accompanied each group on the two nights in order to point out the important constructional features of the play in a discussion afterwards.

## Anthone Elected President of Chi Epsilon Honorary

At a meeting of Chi Epsilon Fraternity last Friday, H. S. Anthone was elected to succeed M. Zar as president. B. Kirz was elected to the office of vice president. The office of secretary as well as *Transit* editor for the coming semester will be filled by C. W. Reh. Professor R. L. Stevens was unanimously reelected as treasurer.

Memorial day was celebrated by the fraternity members by a week-end party at the cabin of T. L. Speer, graduating senior at Valparaiso, Indiana.

## Large Alteration Program Planned

Details for the remodeling of Armour Institute, other than the Mission Building have just been released by W. Koster, Superintendent of Buildings and Grounds.

The main building will undergo extensive remodeling. The fifth floor shower room will have new steel partitions installed, the basement washrooms will have the tile floor removed and replaced by concrete and a complete set of new sanitary fixtures will be installed in addition. New lighting fixtures will replace the old lights in the corridors and laboratories.

The Physics Building is also included in the plans. The second floor will be rebuilt. New laboratories and offices for the instructors are to occupy this floor. The fourth floor drafting room will be entirely redecorated and new lights will replace the old hanging type of lamp.

Included in the building program is the campus in back of Chapin Hall and Physics Building. The unfinished brick surface, left when the porches were torn down, will be painted a dull red. Black, seeded dirt will fill in all of the low spots. The entire area will be landscaped with trees and shrubs. Contracts have been made for this work and actual operations will start very shortly.

Machinery Hall will have modern light fixtures in all of the shops next fall.

All of the contemplated improvements will be carried out under the direction of Mr. Koster. Actual work will begin in a few weeks. As much work as possible will be completed during the summer months. In the event that the work is not completed by September it will be continued during the school year until completed.

## Loutzenheiser Elected to Tau Beta Pi Presidency

Tuesday, May 24, fifteen men were initiated into Tau Beta Pi. After the ritual, the initiates and active members had dinner in the faculty grill. Afterward business was transacted and officers for the year 1938-39 were elected: president, E. Loutzenheiser; vice-president, T. W. Yeakle; corresponding secretary, B. Lyckberg; recording secretary, P. Peltier; and cataloguer, N. Rice. Since Professor Peebles had resigned his office of treasurer of Armour's chapter of Tau Beta Pi, Professor Spears was unanimously elected to succeed him in that capacity.

After the dinner and election, the members adjourned downtown where they attended the theatre. Some saw "Robin Hood," others saw "Marco Polo."

## Erisman and Sternfeld To Lead Players Guild; New Men Plan Revisions

Facing the loss of five members through graduation, the Armour Players' Guild met last Monday to reorganize and plan for the next year.

The election, in which only the seniors voted, culminated in a new slate of officers. Sophomores Ralph Erisman and Bernard Sternfeld won the positions of president and treasurer, respectively. The other office, that of secretary, went to William Buckman, a junior.

The new officers lost no time in swinging into action. Tom Hunter and Gene Worcester were pledged, and a petition for a portion of the reconstruction finances to be diverted to the stage rehabilitation was circulated. In addition, plans for a constitution to be made during the summer recess and the completion of the guild's room in Mission were drawn up.

A revising of policy seemed to be the keynote of the meeting. Expansion of membership, presentation of only the more modern plays, and rewards in the form of minor credits for participation in plays were included in the future program.

With President Heald's personal promise to provide a full time director to aid the Players, the Guild looks forward to the new year with complete confidence.

## Shannon Delivers Baccalaureate Sunday to Graduating Seniors

### Phi Lambda Upsilon Holds Election and Initiation

Phi Lambda Upsilon, the honorary chemical fraternity, held its initiation and annual election last Wednesday evening at the Triangle fraternity house. Those initiated were: R. B. Boertitz, J. D. Keane, B. K. Lyckberg, S. J. Moculeski, and R. T. Smith, juniors, and J. A. Kubik, senior. Following the initiation ceremonies, the officers for the coming year were elected. The new officers are: R. B. Boertitz, president; B. K. Lyckberg, vice president; R. T. Smith, secretary; J. D. Keane, treasurer. E. F. Wagner was re-elected alumni secretary. After the election, the members went to a dinner and show downtown.

### Civil Camp Opens June 13, J. C. Penn to be Director

Camp Armour, the civil surveying camp, will begin officially on Monday, June 13. All civil engineering students between their sophomore and junior years are required to spend six weeks at field practice in surveying. Camp Armour at Trout Lake, Wisconsin has been established to provide a place for the students to do their work.

Professor J. C. Penn will, as in previous years, be the director of the camp. As the camp is situated in a state park, students are forbidden to take any firearms with them. Camp officially closes on Friday, July 22.

### Salamander Elects Daniel Jacobson New President

Salamander, the honorary fire protection fraternity held an election of officers on Last Tuesday in their rooms in the Physics Building. D. Jacobson was elected president and P. Hoffman secretary-treasurer. T. Yeakle was chosen for two positions, vice-presidency and editor of the *Deflector*.

L. Lange, graduating senior member of Salamander, is planning a senior farewell party for the graduating members.

## Expose! Dark Secrets of Professors Now Revealed for Edification of All

By the Old Rep

Those of you with an ear to the ground may have heard rumors of certain auspicious occurrences quaintly called, by those in the know, "Final Exams." Now, this little expression towards the end of each term has been causing full many no end of worry and of, why-in-the-Lord's-n-a-m-e-didn't-I-do-more-cal-home-work. This attitude is wholly unnecessary, and has been brought about purely through unfair terroristic tactics of professors who, in a no doubt well-meaning mood, have, with home-work, persisted in attempting to cut into the night's revelry at the neighborhood cocktail lounge, locally known as "Stoppys Joe's."

The process generally consists of a little dialog, which we shall call type A. Professor: (After laboring through half the period and enlisting the aid of the massive intellects in the class to arrive at the solution of a problem.) "Any questions?" Student: "Uh, we won't have any like that on the final of course, will we, Professor?" Professor: (With happy smile, he has been anticipating such a query.) "Well-I-I, I think we will. (Reassuringly) Just two or three though. However, here's a problem we gave last year." Whereupon he proceeds to draft the outline of a problem that would have caused Newton to ponder. Scene closes out on class trembling violently and whispering to each other on how they heard he flunked nine tenths of his class last year and the rest had to argue vociferously to get an incomplete. The psychology of the thing is flawless. The class shows up haggard and worn on the morn of the final and finds as a rule

### Commencement Held in West Wing of Rosenwald

One hundred and sixty-one seniors of Armour Institute of Technology will participate in two of the most colorful and traditional functions of their undergraduate days at the Institute when they meet Sunday morning, June 5th, at 11 o'clock for Baccalaureate Services at Orchestra Hall, and on Thursday afternoon, June 9th, at 4 o'clock in the auditorium of the Museum of Science and Industry in Jackson Park for the 42nd annual Commencement Exercises.

### Shannon Speaks Before Reverend Frederick F. Shannon, D.D., Litt.D., LL.D., well known minister of Central Church, will, as he has for a good many years, deliver the Baccalaureate Sermon to the graduates, their parents, and guests. Immediately following the services, President and Mrs. H. T. Heald, with the Board of Trustees of the Institute, and the faculty, will meet the graduating class, their parents, and their guests, in the foyer on the second floor of Orchestra Hall.

L. W. Wallace, Speaker Commencement Exercises, to be held in the Museum of Science and Industry, will signify the finale of four years of hard work for these seniors who will receive the degree of Bachelor of Science in either chemical, civil, electrical, fire protection, or mechanical engineering, engineering science, or architecture. The commencement speaker is to be Mr. L. W. Wallace, director of research for the Crane Company. He is very prominent in industrial and engineering circles, is vice president of the American Society of Mechanical Engineers, and has been decorated with the Cross of Knight of the Order of the White Lion of Czechoslovakia.

Arrangements for the Commencement Exercises are under the direction of a student committee of seniors composed of A. N. Schreiber, chairman; R. A. Kliphart, R. F. Beardsley, W. J. Laise, Carmen Basile, and W. R. Marshall.

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## Begin Distribution of 25,000 Copies of Engineer and Alumnus Tomorrow

The new issue of the *Armour Engineer and Alumnus*, which will be ready for distribution tomorrow, is going to contain several important and timely articles by prominent engineers. Dr. Charles M. A. Stine, vice-president in charge of research for E. I. DuPont & Co., has written an article with the Du Pont motto "Better Things for Better Living" as its title. It tells some of the interesting ways in which the development of modern chemistry has aided the public. The invention of new synthetic plastics. Lacquers and dyes have played a part in all of our lives whether we recognize the fact or not. Most of the new cars are furnished with synthetic paints or lacquers; our clothes are dyed with synthetic colors; our fountain pens, clocks, and any costume jewelry are all synthetic products.

In addition to Dr. Stine's article there will also be a story by Frank F. Fowle which concerns the engineer and his service to society. This article is titled "All Honor to the Engineer" and is by way of tribute to the genius of modern engineers for their work in improving our world.

Also in this issue is a story by Dr. Gustav Egloff of the Universal Oil Co. on "Modern Oil Refining." While this article will be of special interest to chemical engineers the mechanicals and electricals will find it interesting because oil refineries use just about

every kind of engineer some place in their cycle of operations. Several of the modern industrial methods of oil refining are discussed, including cracking, polymerization and recovery processes.

Mr. Edward J. Brady of the Hollup Corporation has contributed an article on "Arc Welding of Stainless Steels." This topic is one of great importance at the present time, because of the increasing use of the stainless steel type of metal. More and more utensils are being made of stainless alloys and new processes have had to be worked out to take care of each problem. This article is a discussion of one of the principle fabrication methods—welding.

One of the engineers for the Chicago Sanitary District, Mr. William Trinkhaus, Jr., has sent in an article on Chicago's modern sewage system. As most of us know, Chicago has a serious pollution problem to combat. The fight against typhoid and other diseases has taken many years and has cost many millions of dollars. At present there are several large sewage treatment plants in the city for the handling of all the city's waste. Mr. Trinkhaus discusses the operation and processes that are involved in the safeguarding of our lives from this particular viewpoint.

To round out the issue Prof. Hendricks has written an article entitled

(Continued on page two)