



## Dean Announces Honor Marshals

### Ushers at Baccalaureate And Graduation

In recognition for their outstanding scholarship records at Armour, fifteen men have been selected by Dean Heald as honor marshals for the commencement exercises in June. The honors are divided among the classes, the sophomores and juniors each being represented by six men, while the freshmen have three delegates.

The juniors picked are N. K. Anderson, B. W. Gamson, W. M. Kiefer, W. R. Marshall, L. B. Parker, and E. F. Wagner. The sophomores whose records made them eligible are G. J. Derrig, M. Ephraim Jr., D. W. Jacobson, E. J. Loutzenheiser, S. Moleculeski, and A. M. Zarem. The freshmen are J. R. Gerhardt, T. B. Hunter, and R. S. Kohn.

These men will assist in the direction of the class members and their guests at both the baccalaureate service and the graduation exercises. Professor Nash, the institute marshal, has charge of the exercises and will be assisted by Professors Sear and Colvert, associate marshals.

## Chicago Women's Club Is Play Site

The Armour Players will demonstrate their thespian abilities on the evening of May 5 at the Chicago Women's Club theater when they will present the original stage version of Maxwell Anderson's "Winterset." The play, a contemporary work, is written in a natural, flowing form of English blank verse, which approaches prose in its smoothness.

### Professional Talent

Prof. W. B. Fulghum, director of the Players, has announced that all the parts have been cast from the large group that initially tried out for the roles. Especially gratifying has been the acquirement of experienced female talent to fill the four feminine roles. The young lady taking the lead has had considerable previous professional experience. The tickets will be placed on sale today in the main lobby and will be 75, 50 and 35 cents.

### Full Length Modern Play

The presentation of "Winterset" will mark the first time that Armour has been able to present a full length modern play. This was made possible through the services of Dramatist Play Service, an organization whose purpose is to obtain, for college groups, reduced rates on royalties which would otherwise be prohibitively high.

The plot of the play is based on the true Sacco-Vanzetti case in Boston, which caused such a furor years ago. Two foreigners were electrocuted for a payroll murder of which they were innocent. Subsequent to the electrocution a Harvard law professor investigated and disclosed that evidence which would have conclusively proven the men innocent had been suppressed. In short, they became legal victims of an anti-foreign mob hysteria which was prevalent at the time.

### Author Moved by Injustice

Motivated by this revelation of gross injustice, Maxwell Anderson wrote "Winterset." In the play the son of one of the executed men determines to definitely clear his name by tracking down and by obtaining a confession from the true murderers. The scene is laid in a squalid shack where the author has contrived to bring together the son, the judge who passed sentence in the case and who is now a wandering derelict bereft of his memory, and the gangsters who committed the murder. The action that ensues is gripping and forceful.

"Winterset" is a disturbing play, forcing one out of smug and complacent acceptance of a life that is anything but placid and catalogued," wrote the New York Mirror.

## Junior Informal Set For May 15

Climaxing the activities of Junior Week, the Junior Informal at the Medinah Country Club promises to be an outstanding dance of the year. In addition to bringing the frivolous week to a close, this dance is the last "open" social event remaining in the present school year.

Departing from customs of previous Junior Weeks, the dance will be an informal affair and will be held on Saturday night, May 15. This is believed to be a preferable night in view of the fact that many students work on Saturday mornings and during other evenings.

The organizations of Art Kassel, Phil Levant, Keith Beecher, Correy Lynn, Lew Diamond, and Charlie Gaylord are among the bands being considered for this affair. The selection of the band will be made by the first of next week. Bids will be out by the end of next week and will be sold by the junior marshals as well as the social committee.

The Medinah Country Club features a large outdoor dancing veranda in addition to the indoor ballroom. If the weather man favors the dance with clear skies and a warm evening, the outdoor floor will be used for dancing. With both of these floors, a large dancing space will be provided, promising a popular dance for all students.

## Moreton In East For Alumni Affair

Professor D. P. Moreton left last Thursday for an extended trip through the East on matters pertaining to the *Armour Engineer and Alumnus*. He will return April 27 after attending the annual meeting of the American Alumni Council at West Point and will visit Armour alumni in several western cities.

Armour Tech became a member of the American Alumni Council last January. This council contains representatives of alumni organizations of colleges and universities throughout the United States. It is divided into three sections, namely: magazine division, general alumni activities division, and the alumni fund raising division. The Institute has registered for the magazine and general alumni activities divisions. Mutual problems of alumni organizations will be discussed at the meeting at which the Commanding Officer of West Point is host. The West Point Cadets will present a formal full dress parade for the council members.

Following the council meeting Professor Moreton will visit New York where he will confer with Armour alumni and officials of Stevens Institute, Columbia University, Pratt College, and New York University. On his way back he will visit the General Electric Company at Schenectady, New York, and the co-operative courses at the University of Cincinnati in Cincinnati, Ohio.

## Chemicals' Honorary Elects Eight Pledges

Three seniors and five juniors were pledged to Phi Lambda Upsilon, national honorary chemical fraternity, last Thursday evening. J. Brichta, J. A. Haase, and L. Sorokin, seniors, and E. C. Berger, H. J. Bodnar, J. Danek, L. B. Poskonka, and G. Thodos, juniors, are the pledges.

An examination in chemical laboratory work and a three-hour comprehensive written examination put the pledges-to-be in the proper humble spirit. Although scholarship is the primary requisite, personality and interest in outside affairs are also considered in selecting men for the fraternity.

## J. Sodaro Will Lead Electricals' Society

New officers of the A.I.E.E. elected at a meeting last Friday are Joseph Sodaro, president; George Ives, vice president; Richard Ansel, treasurer; and William Kiefer, secretary. Professor E. H. Freeman was reelected counsellor.

At the meeting the discussion concerned a picnic and future student papers. The picnic is to be held on the Wednesday following Junior Week, May 19, at the Indiana Dunes, Tremont, Indiana.

Another social event is to be a night club party to be held at the Knickerbocker Hotel on Thursday, April 22. This affair will be a dinner-dance at which a floor show will be an added attraction. Special arrangements will be made for stags.

## Armour Mechanicals Host to Conference

The Armour student branch of the American Society of Mechanical Engineers is part host to the annual student conference at the convention taking place in the Allen-ton hotel. The delegates to the convention made an inspection trip through the Corwith Plant of the Crane Company yesterday, and are to attend trips this afternoon through the Hawthorne Works of the Western Electric Company, or the Fisk street generating plant of the Electric company. Technical papers by the delegates were delivered in the morning.

### Upperclassmen Excused

The junior and senior members of the mechanical department were excused from their classes to attend the proceedings at the convention.

At the last meeting of the society held Friday, April 17, in the automobile laboratory, Fred Leason M.E. '37, presented a talk on "Pulverized Fuels."

### Pulverizing Gives Efficiency

Citing the illustration of efficiency obtained by the utilities company, whose prime operation is burning coal, as opposed to a company where coal consumption is of secondary importance, he pointed out that the utility companies obtained this efficiency by use of pulverized fuel.

Of particular interest was the method of protecting the brick walls of the furnace against the enormous heats generated by the fuels. This was obtained by lining the interiors with water pipes, thus keeping the extreme heat from the furnace walls.

## Push Ball to Replace Tug-of-War In Junior Week Events Schedule

Yes, seniors, there will be a push-ball contest, and the tug-of-war will be abandoned in this year's Junior Week. This was decided at a meeting of the junior marshals held last Friday morning.

The push ball contest was introduced last year in order to allow the seniors and juniors to relive the days of their happy childhood as sophomores and freshmen, when, unencumbered by the weighty robes of knowledge and dignity, they nappily tore the pants off of each other without thought of consequences. The usual interfraternity and inter-departmental baseball games will be held with the attendant enthusiasm of the respective members who apparently need the slightest provocation to leap furiously at any other students who were so misguided as to take up a branch of engineering other than their own.

### Frosh, Eat Your Spinach

The rush, the near apex of a week as crowded with entertaining features as the ingenious junior marshals can make it, will be the scene of furious enterprise as the sophomores, reenforced by various seniors and juniors, indulge in a wild passion for the collection of gunnysacks from the freshmen, who, enforced by sundry juniors and seniors, attempt to reciprocate. If

## Dr. F. F. Shannon To Give Sermon At Baccalaureate

With the selection of Dr. F. F. Shannon as the speaker at the baccalaureate services, and Mandel Hall as the scene of the graduation exercises, plans and arrangements for the 1937 commencement are nearing conclusion.

Dr. Shannon, who gave the address at last year's service, was again selected because of his ability and popularity among Armour men. The services will be held at Orchestra Hall on Sunday night, June 6.

The graduation exercises, to be held Thursday afternoon on June 10, will feature a speaker yet to be decided upon, and music by senior members of the Glee Club and Orchestra.

Mandel Hall will provide ample room for seniors, their parents, and friends. Each senior will be allowed about five seats for his guests.

Tickets to the exercises will be distributed by departments, and envelopes will be provided so that tickets may be included with the announcements. The last date for ordering announcements was April 15. The booklets will contain the class roll by departments, the class officers and committees, and the honor marshals. In addition, a list of speakers and the programs of the commencement affairs is included.

Professor C. A. Nash handles the details connected with the graduation exercises, acting in his capacity of institute marshal. His assistants are Professors Colvert and Sear, associate marshals, and the student marshals who have already been selected.

## Van Atta Sees Use For Molecular Films

Dr. Floyd Van Atta spoke on "Molecular Films" at the Thursday night meet of the downtown W.S.E. He described a molecular film as one ten-millionth of an inch thick. A molecular film is formed by the union of a fatty acid with the minute amount of calcium salt found in water.

Molecular films formed on solids are used in radio tubes. The fine film is combined with one of the rare earths and covers the tungsten filament. It increases the electron output of the tube 10,000 times.

Dr. Van Atta believes that by means of a molecular film there is a possibility of determining the impurities in supposedly pure products.

## Physics Authority to Talk Here Next Friday

### Armour Awards Civic Assembly Scholarship

Yesterday Dean Tibbals and Mr. Kelly selected the recipient of the civic assembly scholarship offered by Armour after a meeting with the applicants and the representatives of other colleges in the Chicago vicinity at the offices of the Board of Education. This is the fifth award of this type which Armour has offered.

Each high school selects two students who in their opinion have shown the best citizenship as well as scholarship, and awards each with a medal. The chosen students indicate their preferences as to course and college. The various colleges then interview those applicants who have requested their respective college. The winner of the Armour scholarship award will be announced at a later date.

## F.P.E.'s Hear Talk On Marine Risks

Early history and fundamental principles of ocean marine insurance were discussed at the F. P. E. S. meeting last Friday by Mr. E. S. Mason, marine underwriter of the western division of the Insurance Company of North America.

Lloyds of London, the oldest existing marine insurance organization, originated in the coffee house of Edward Lloyd in the latter part of the 17th century. Individuals wrote insurance on outgoing ships and cargos. Lloyds is still made up of individual underwriters.

### Several Types of Risk

Marine insurance may be written for the ship-owner, operator, or owner of the cargo. The owner insures the value of his ship or cargo, while the operator insures freight charges and anticipated freight charges. Exporters of goods must always be able to quote the C. I. F. price, that is, the cost, insurance, and freight charges for the articles. The importer may also carry his own insurance if he so desires. The "open cargo" policy is the most convenient form for the exporters.

### War Risks Important

The valuation of goods insured is taken at the amount of invoice plus expenses plus ten per cent, the latter item being the "imaginary profit." Certificates are issued by the exporter, conveying all rights of the open policy to the customer. The certificate contains enough of the policy provisions to enable the foreign representative of the insurance company to adjust a loss.

Mr. Mason also discussed the increasing coverage offered by marine insurance companies since the world war, caused by a decrease in premium income when war risks could no longer be covered. War risks are important in southern Europe at the present time, and careful underwriting is necessary for proper distribution of these lines.

## Pi Tau Sigma Pledges Five Undergraduates

Four juniors and one senior were pledged to Pi Tau Sigma, honorary mechanical engineering fraternity, at a meeting held recently in the fraternity rooms. The men pledged are: V. J. Jandasek, P. Neuert, J. Prochaska, A. N. Schrieber, and N. F. Simeon.

The men were chosen for their high scholastic standings and extra-curricular activities. The formal initiation date is set for April 21.

One of the pledge duties indicates that the pledges will have plenty to do; each had to obtain the signatures of all active and professorial members.

### Famed Scientist to Talk On Modern Physics

Professor Arthur Haas, an international authority on theoretical physics and recently appointed professor of mathematical physics at Notre Dame University, will speak on "Fundamental Ideas of Modern Physics" next Friday at 10:30 in Science Hall. He will speak under the auspices of the school and all students and faculty members are invited to hear him.

### Professor in Middle Twenties

Professor Haas is internationally famous for his work, and according to Dr. Rufus Oldenburger, is one of the most brilliant expositors in the world in the field of theoretical physics. This is the first of what is anticipated to be a series of lectures sponsored by the Institute for students and faculty members which will present world-famous scientists. In his middle twenties Professor Haas had a full professorship at the University of Vienna. Last summer he had the honor of being invited to lecture at the Harvard Tercentennial.

### Author of Many Books

Professor Haas has written twelve volumes in German on mathematics and physics, several of which have been translated into English. Some of the titles of his works are "Introduction to Theoretical Physics," "Vector Analysis," and "The World of Atoms." He is also the author of numerous papers on relativity and quantum mechanics. His investigations include the increase in the frequency of light quanta due to collisions with rapidly moving particles, and studies of motions of electrons in a sphere of positive electricity. He derived fundamental relativity laws from the De Broglie hypothesis of phase waves and studied many other developments in that field.

His papers have appeared in "Physikalisches Zeitschrift," a German journal of physics, and the publications of "Akademie der Wissenschaften Wien" of Vienna.

## Personnel Agents Interview Seniors

Fourteen companies, seeking to enlarge their engineering staffs, have interviewed the senior students for prospective positions thus far this semester. Included in this number are such nation-wide concerns as Goodyear Tire and Rubber Company, Bethlehem Steel Co., United States Steel Corporation, Commonwealth Edison Company, and General Electric Company.

### Seniors Submit Applications

Some organizations which interviewed the men have sent their personnel managers to Armour to talk to particular students. Many other companies have invited seniors to their offices for interviews. Among these are the Texas Company, Joseph T. Ryerson and Son, Inc., Western Electric Company, United States Rubber Products Company, and the Delco Radio Division of the General Motors Corporation. Each of these concerns has taken seniors' applications for tentative positions. Of the companies which have already hired seniors are Armour and Company, Neiler Rich and Company, and the Goodyear Tire and Rubber Company.

### Offers From Other Cities

Offers from organizations outside of the Chicago area include ones from Cleveland, New York, Kokomo, Indianapolis, and Akron. Several companies, including the United States Gypsum Company, have made appointments for future interviews. Mr. Setterberg feels that this year will see unusual activity in the way of placements.