



## Math Club Plans New Association

### Hopes to Exchange Speakers with Chicago Area Colleges

The newly reorganized Math Club, under the direction of Dr. W. C. Krathwohl with the assistance of A. M. Zarem, will hold its first meeting next Friday morning at 10:30. All the instructors of the mathematics department will be present and Dr. L. R. Ford and Dr. Krathwohl will give short introductory talks followed by the election of officers and a business meeting. If time permits A. M. Zarem will present an extension of his talk, that proved so popular last year, on "Trick Methods of Computation."

In the past, the activities of this club were limited chiefly to the junior and senior members of the student body, because of the advanced type of work handled almost exclusively in their meetings. On the basis of a ten point program all material will be popularized this year in order to reach every student. Much of this work will be supplementary to work done in the classroom, making membership vital for every one from freshman to senior.

#### Faculty to Lecture

As formerly, the members of the mathematics department will give talks on their favorite branches of mathematics. In addition, however, outside speakers will be brought in in order to cover as wide a field as possible. Subjects to be presented will be new, but not necessarily difficult. Those of an advanced nature will be treated in a manner that does not require the knowledge of advanced mathematics for an understanding of the subject matter. Plans are already being made for talks on

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By A. M. Zarem

IT USUALLY HAPPENS that way. An article is completed and ready to go in when something of great importance takes place and must be included. What is worse, sometimes the column must be completely rewritten, and at other times it is "scrapped" entirely. Upon this occasion it was President Roosevelt's recent speech, delivered in Chicago last week, that caused all the trouble.

Last Thursday I happened to be speaking with an old friend of mine who had known my parents even before my birth. I asked him how his business was coming along, jokingly remarking that I might include his answer in my next column. His reply almost floored me. In part he said,

"IF YOU CAN arrange it, in your next meeting with the president (what supreme sarcasm) would you kindly tell Mr. Roosevelt to stop making speeches? He should confine himself to two speeches per year—one of them to be delivered on December 31 when every one is so imbued with the spirit of New Years eve celebration that it will go un-noticed, and the other to be given on February 30.

"Do you know"—this in a confidential tone—"every time President Roosevelt opens his mouth, it seems that business gets worse? It has finally reached the point where we use his schedule of speeches as a financial barometer. We stop buying ten days before a scheduled talk in anticipation of what will happen to business directly after it."

"BUT HOW ABOUT his Chicago address"—I put in feebly.

"From his last speech one would gather that the Rhine flows into the Mississippi, the Great Wall of China extends to San Francisco, the Alps are a part of the Allegheny Mountain."

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## Seniors Plan Primary Voting for Tomorrow

Preliminary voting for senior class officers will be done tomorrow as announced by the senior election committee. The final election will be run off on Friday. Plans were discussed at the class meeting held last Friday in Science Hall.

The election committee, composed of E. W. Menke, M. E., chairman; N. K. Anderson, Ch. E.; R. F. Beardley, F.P.E.; T. C. Cunningham, Arch; S. D. Johnson, C. E.; and W. J. Laise, E. E., considered the applications for offices turned in yesterday, and were given full power by the class to make out the ballot.

Last year's treasurer, I. X. Seidenberg, reported that the class has a fund of three hundred dollars at its disposal. Business was concluded with approval of a motion that hospital expenses be paid for E. J. Skeppstrom, who injured his arm in one of the interclass baseball games.

## Successful Pledging Follows Rush Week

By the end of this week the largest pledge class in recent years will have been annexed by the social fraternities. A successful rush week last year produced 68 pledges, but this year, even with the shorter rushing period and two fraternities not announcing their pledges yet, 64 names are already on the list with promise being made that pledge buttons have further work to do this week.

Phi Kappa Sigma, displaying a group of 19 pledges, led the pledging, with Delta Tau Delta getting 17 for a close second. The others who announced their pledges were: Rho Delta Rho, 12; Triangle, 7; Phi Pi Phi, 6; and Theta Xi, 3.

## Junior W.S.E. to Hear 'Who Creates Money'

"Who Creates Money" will be the topic discussed by Gertrude M. Coogan at the Junior WSE meeting next Thursday evening, October 14, on the twelfth floor of the Engineer's Building, 205 West Wacker Drive.

Miss Coogan is a graduate of Northwestern University and from 1922-9 was employed with the Northern Trust Company analyzing stocks, bonds, mortgages, and price movements. At present she is employed as an investment manager.

The meeting, it is believed, should be of particular interest because of the emphasis on economics as applied to the engineering field. All students are welcome to attend the meeting.

## Dr. Kinter to Speak at A.I.Ch.E. Meeting

Experiences in chemical engineering will be discussed by Dr. R. C. Kinter for members of the A. I. Ch. E. at their meeting next Friday morning, at 10:30 in the physics lecture room. Dr. Kinter, a new professor in the chemical engineering department, came to Armour from Bucknell University. He received his degrees at Ohio University and has had a number of years of industrial experience.

All students are invited to attend the meeting. Plans for the coming A. I. Ch. E. smoker will also be discussed.

## Co-ops Hear Amsbary and Cook at Inaugural Banquet

Lawson Y.M.C.A. was the site of the first Co-op banquet last Friday evening. Many faculty members were present, with Professor W. B. Amsbary and W. L. Cook listed as speakers for the evening.

Many of the Co-op students had a chance to meet their alternates, making new friendships and renewing old ones.

## Professor Finnegan Seventh Speaker on WCFL Series

Professor Joseph B. Finnegan, director of the fire protection engineering department, was guest scientist on the seventh program of the current series of radio broadcasts sponsored by the Institute through the co-operation of the Adult Educational Council of Chicago last Saturday over radio station WCFL.

The program, which was concerned with fire protection engineering and its application to our every day life, in keeping with the theme of the series, was of special significance since last Saturday was the sixtieth anniversary of the Great Chicago Fire.

#### Only School Giving Course

Professor Finnegan as guest scientist was especially well qualified because of his close association with fire protection here at the Institute. Of special note was the fact that the Institute since 1903 and through the co-operation of the Underwriters' Laboratories, is the only educational institution maintaining such a course.

In response to the question by Alexander Schreiber, the interlocutor on the program, as to whether it would be wiser to stress fire prevention in preference to fire protection, Professor Finnegan said, "Fire protection and fire prevention are practically synonymous as far as the work at the Institute is concerned and as far as the work at the Underwriters' Laboratories is concerned." He went on further to say that the engineering instruction with reference to fire protection is very thorough and comprehensive.

#### Four Major Problems

There are four major problems with which the fire protection engineer must cope. They are construction, protection by means of alarm and control systems, occupancy, and exposure. After stating these problems, Professor Finnegan showed that to cope with these problems, the fire protection engineer must have a knowledge of the fundamentals of all the other branches of engineering. He also pointed out that the fire protection engineer without a knowledge of the principles embodied in the various branches of engineering is helpless from both a preventive and protective point of view.

## Vast Reserves for Social Security Are Unnecessary—Professor Hansen

Building up great reserves by the present generation for social security is an unnecessary and undesirable burden in the opinion of Professor A. S. Hansen of the social science department. He urged that the system be abolished. Professor Hansen expressed this opinion as a recognized Chicago insurance expert to a large conference of Municipal Finance Officers of the United States and Canada held at the Hotel Statler in Boston. The professor's ideas were given wide publicity in *The Boston Globe*.

The future reserve, he said, will be obtained from a large group which will in fact be paying for the pensions of the older people who will not have contributed and also paying for a future satisfaction which may never be realized. Professor Hansen pointed out that one half of all contributors at 25 will not reach the age of 65 to be pensioned.

#### Depends on Price Levels

Vast reserves are undesirable also from the point of view that their future value may not be the same in years to come, and if the price level continues to rise as it has in the past, the worker may eventually receive a return of one dollar of value for every six dollars of value he paid in. A policy of maintaining a small reserve would enable the pension rates to be adjusted to price levels in any period and would not depend on a set percentage of the total amount paid to the social security system. Value received then would become equal to

## Seniors Urged to Fill in Placement Forms

Greatly increased demands for Armour graduates during the past year have been reported by Mr. W. N. Setterberg, placement officer, in a survey recently presented to the Dean's office.

Mr. Setterberg said in his report: "The class of 1937 was favored with having more companies seeking graduates than any other class in the history of Armour Institute. In all, over forty companies, representing many industries, requested interviews with men from every department."

"As usual, outstanding graduates in the upper third of the class were in demand, and in every case there were from three to six offers per man. Industry in general, with the exception of construction, made heavy demands for technically trained men last summer."

Mr. Setterberg urges all members of the senior class to fill out their placement records immediately and file it with him. Forms for the placement record can be obtained in the Registrar's office.

## Activities of Junior Civils at Trout Lake, Wisconsin, to be Shown before W.S.E.

The latest civil engineering camp films are to be shown at the next meeting of the Western Society of Engineers scheduled next Friday morning at 10:30 in room "B" Mission. The meeting marks the beginning of this year's program.

Professor Spears recorded on film the activities of the junior civils during their six weeks' stay last summer at Trout Lake, Wisconsin. Field practice in surveying is the main function of the camp stay, but last year's films attest to the fact that the surveyors also have their fun. It is expected that the film will provide about thirty-five minutes of entertainment.

President W. F. Schlax has rounded out this year's program which includes several distinguished speakers. Further information regarding the future meeting will be given at a later date.

There will be an important short business meeting of the Junior Class today at 12:20 in Science Hall.

## Student Directory to Be Distributed in Two Weeks

Distribution of the new 1937 student directory containing the names, addresses, and telephone numbers of all the students will begin in about two weeks according to the registrar's office. The new book will be either sold at a nominal price or distributed without charge.

Any student who wishes an address other than that appearing on his program card to appear in the directory should notify the registrar's office.

## 'Practical Psychology' Draws Enthusiasts

Only one half of the applicants for the new elective, "Practical Psychology," will be able to take the course Mrs. Anna C. Orcutt, instructor of the subject announces. The class will meet every Tuesday at 11:30 in room A Main and every Friday at 9:30 in room 214 Chapin Hall.

The membership for this course has been reduced because the class time schedule can not fit the program of all the applicants. Only six upperclassmen will find it possible to take the course this semester, although in arranging the time for class meetings preference was shown towards hours when most seniors are free. Because of the large demand for the course, however, arrangements are being made to repeat the course next year for the present juniors who are unable to attend the classes this semester.

## Armour Dramatists to Stage O'Neil Play

### Casting for Parts Continues Tonight at 5 o'clock

"Where the Cross Is Made" by Eugene O'Neil will be presented next month by the Armour Players as their first play of the current season. With Mr. Homer C. Combs, newly appointed instructor in the department of English and languages, as their new sponsor, the Guild, honorary society controlling the Armour Players, has planned an extensive and active program.

Casting for the new play began last night and will continue this week at 5 o'clock in Mission Hall. Officers of the Guild are encouraging new men to try out for parts in the play or for a position on the technical staff. All the scenery and all technical details will be designed and executed by the group. No experience is required of new men.

#### Popular One-Act Play

The play to be presented is one of the more popular one acts written by Eugene O'Neil, considered by many to be the outstanding modern American playwright. It was chosen after careful consideration of many plays by the Guild, and has five men and one woman in the cast. The play was given special attention because of the enthusiasm with which Armourites received the last O'Neil play presented by the Armour Players, "In the Zone," three years ago.

#### Players Consider Musical Comedy

Mr. Combs will be in charge of the production and will direct the play.

He has had extensive and varied experiences in the theatrical world. At Georgetown College, Kentucky, besides directing plays, he took an active part in school activities as a musician and singer. After graduation he worked as an announcer, singer, and arranger of programs for station KMOX, St. Louis. Mr. Combs has also done graduate work in the School of Speech of Northwestern University.

Since Mr. Combs has had experience as a musician, singer, and director, the Armour Players Guild is seriously considering producing a musical comedy next semester.

## Famous Polar Explorer Will Speak Monday

### Vilhjalmur Stefansson to Tell of Arctic Adventures

#### CLASSES DISMISSED

Vilhjalmur Stefansson, noted explorer, scientist and lecturer, will address the Armour student body next Monday morning at 10:30 in the Assembly Hall in the first of a series of programs that have been arranged for presentation during the coming year. Mr. Stefansson will lecture on his experiences in the Arctic region and will discuss the many peculiarities of the "land of eternal ice."

The speaker has received world wide recognition for his achievements and is the author of many books and technical papers on the far North. The late Theodore Roosevelt once said to him, "There are only a few men in this world that I envy, and you are one of them."

#### Canadian by Birth

Born in Canada, Mr. Stefansson attended the University of North Dakota and graduated from the University of Iowa. He received his M.A. degree after a year at the Harvard Divinity School and two years as a fellow in anthropology at the Harvard Graduate School. Later he earned a Ph.D. degree at the University of North Dakota.

His interest in exploration led Mr. Stefansson on a number of expeditions into the Arctic region, including Arctic Alaska, Arctic Canada, and the Polar Sea. He has also conducted expeditions into Iceland; interior of Australia for a comparative study of the Tropics and the Arctic; and to Wrangle Island off the coast of Siberia. His total explorations in the North have covered over 1,000,000 square miles. He has been awarded gold medals by leading geographical and exploring societies in various countries of the world. His theories on the future possibilities of an empire in the Arctic have been widely studied.

First Speaker of New Series Vilhjalmur Stefansson heads the first of a series of outstanding programs to be given this year, under a new policy of presenting general scientific and technical information to the student body. Scheduled for Friday, October 29, is a talk film entitled "Bridging a Century," an epic of the Golden Gate Bridge, and presented by John A. Roeblings & Sons. All classes will be dismissed for the programs.

## F.P.E.S. Features Automatic Sprinkler Pictures Friday

Sound pictures, donated by the Rockwood Sprinkler Company, will be the feature of the first meeting of the Fire Protection Engineering Society, to be held on Friday, October 15, at 10:30 in C Mission.

The movies show the operation and testing of automatic sprinkler systems under fire conditions. All fire protects are urged to attend, and the freshmen of the department are especially invited.

## Bodnar Leaves for Tau Bete Convention

Henry J. Bodnar, president of the Armour Chapter of Tau Beta Pi, national honorary engineering fraternity, left early this morning to attend the national Tau Beta Pi convention convening from next Thursday to Saturday in Austin, Texas. He will stop at Dallas to attend the Texas Exposition and continue on to Austin tomorrow evening.

Bodnar's time will be spent attending the convention meetings, sight-seeing, and enjoying smokers and dinners. He plans to attend the formal dance which concludes the convention.