



Nauman Secures Senior Presidency

Worcester, Seidenberg, and Sheehan Win Positions

Calvin K. Nauman, head junior marshal, assistant sports editor of the *News*, and a member of Pi Tau Sigma, honorary mechanical engineering fraternity, was elected president of the senior class last Friday. He defeated E. F. Wagner, 77 to 65. Other officers elected were J. D. Sheehan, who defeated C. Basile for secretary 75 to 66; I. X. Seidenberg, who was victor over S. Gryglas for treasurer 75 to 66; and R. E. Worcester, who defeated E. Hanson 81 to 62 for social chairman.

A tie between W. R. Marshall and W. F. Schlax for the vice-presidency required a run-off election yesterday, and at the time of printing no results were available.

Those defeated in the primary election held last Wednesday were as follows: for president, H. J. Bodnar, G. M. Ives, and F. Palonis; for vice president, C. W. Carstens, R. M. Faust, R. Maxant, and E. J. Skeppstrom; for secretary, B. W. Gamson, H. B. Nicholas, and N. F. Simeon; for treasurer, S. J. Johnson, J. Krumbein, and G. A. Palka; and for social chairman, H. G. Downing, S. Osri, and G. Stober.

'Thermal Insulation' Eighth Radio Lecture

"Thermal Insulation" and its relation to our every day life, was the topic discussed last Saturday by Professor James C. Peebles, professor of experimental engineering, as guest scientist on the eighth program of the current series of radio broadcasts sponsored by Armour Institute through the cooperation of the Adult Educational Council of Chicago over radio station WCFL.

Professor Peebles discussed the many different types of material used for insulation: namely asbestos, wood fiber paper, and others. He dwelt upon the ability of bright sheets of metal foil, usually aluminum, to reflect radiant heat, and declared that probably fifty percent of the heat that passes through a hollow wall of a building is in radiant form and that its flow can be greatly reduced.

In response to questions by Alexander Schreiber, the interlocutor on the program, Professor Peebles said that the total cost of insulation in the walls of small homes can be paid for in a period not to exceed five years through the saving in fuel alone.

Fire Prevention Work Described by Taylor

Mr. J. B. Taylor of the fire prevention department of the Western Actuarial Bureau, spoke on "Fire Prevention Work" at the meeting of the Fire Protection Engineering Society last Friday morning.

Mr. Taylor stressed the human side of all insurance work, saying that without an understanding of human nature an engineer can not successfully contact and convince a client, even though the engineer be an expert in his type of work.

Professional Chemical Holds Preliminary Pledge Smoker

Alpha Chi Sigma, professional chemical fraternity, held a Pledge Smoker last Friday evening at the Pi Kappa Phi fraternity house. Cards, billiards, and a ping pong tournament were some of the diversions which helped to make a pleasant evening for the members and prospective pledges. Pledging will be done next week. Refreshments were served to complete the evening.

Salamander Pledges Four Upperclassmen

A public pledging of Salamander, honorary fire protection engineering society, was held at the beginning of the F.P.E.S. meeting last Friday. Three seniors, E. W. Arends, C. W. Dunbar and, W. G. Labes, and a junior, D. W. Jacobson, were pledged. Pledge captain H. G. Downing is planning several duties for the pledges to do, not the least of which is the writing of a five thousand word paper on some subject connected with fire insurance work.

The initiation is being planned for November 2 and will probably take place at the Swedish Club.

Math Club Elects Zarem President; Krathwohl Speaks

Holding their first meeting on last Friday at 10:30, the Math Club elected the following officers: A. M. Zarem, president; J. Catlin, vice president; and J. Gerhardt, secretary-treasurer.

The meeting was opened by Zarem, who introduced Dr. Ford, head of the mathematics department as the first speaker. Dr. Ford emphasized the necessity of mathematical interest in the engineering courses, showing how an engineer might make important steps in research by carrying the problem beyond the result he was looking for. He also presented the students with the famous "four fours" problem.

Dr. Ford then introduced Dr. Krathwohl, the sponsor of the Math Club, who stressed the importance of mathematics in the practical world. He also spoke of the method to be used in an attempt in everyday life, thus stimulating an interest in a thorough mathematical education. Specifically, the plan is that high schools and colleges cooperate in maintaining an exhibition in the Adler Planetarium building, illustrating the everyday applications of mathematics. A different group of illustrations is to be shown every two months.

The principal purpose of the Math Club is to serve as an auxiliary teaching organization in mathematics, discussing problems which have not been stressed in classes. It also serves as a means for the getting together of those who share a common interest in mathematics.

Combs Announces Cast for Coming O'Neill Play

'Where the Cross Is Made' to Be Staged Soon

Final selection of the cast of the Armour Players' production of the one act play by Eugene O'Neill, "Where the Cross Is Made", was made at the rehearsal of the Players on last Thursday. The cast as it stands now is as follows:

Captain Isaiah Bartlett.....
.....A. N. Schrieber
Nat Bartlett, his son.....
.....Charles MacAleer
Sue Bartlett, his daughter.....
.....Katherine Urso
All of Schooner Mary Allen—
Silas, Horne, mate.....Monte MacConnell
Cates, bo'sun.....Sidney Kreiman
Jimmy Kanaka.....John Niltac

The title "Where the Cross Is Made" comes from the analogy "x" marks the spot. A cross on the map which tells the location of a buried treasure is the focal point of the plot. Action is quite rapid because of the shortness of the play. Mr. Combs, member of the English department and director of the play, announces that the play will be held about the second week in November.

The technical staff which will be largely responsible for the success of the play consists of

R. Erisman.....Publicity
M. Pantone.....Stage Manager
Scenery Designers.....
B. George, G. Danforth, J. Rea,
G. Scott
Electrician.....W. Emmerich
Costumes.....W. Buchman
Properties.....R. Brinkman

Telephotography Talk Next Junior Feature of Downtown W. S. E.

Mr. K. P. Stiles, engineer of the American Telephone and Telegraph Company will give an interesting and instructive talk on a subject that has rapidly grown to take a highly important place in the modern newspaper industry. The talk will be given from the Western Society rooms on the twelfth floor of the Engineering Building, 205 West Wacker Drive on Thursday, October 21 at 7:00 p.m. and will be presented under the sponsorship of the Junior Engineers.

The speedy development of telephotography or wirephoto has left many questions pertinent to its operation in the minds of the unskilled. What does the sending apparatus and the receiving apparatus look like? What kind of pictures can be transmitted by wirephoto? How is it possible to synchronize the sending and the receiving scanning apparatus? Is telephoto limited to a special kind of a sending or receiving station or can it be operated anywhere with portable equipment? In what field has telephoto its greatest significance? These and many other questions will be answered authoritatively by the speaker.

Because Mr. Stiles, who was graduated from the University of Nebraska in 1928, has had a great deal of experience with telephoto, his talk should be of interest to everyone.

Engineers' Council Approves Armour Studies Schedule

Word has just been received from the Dean's office of the approval of the Armour curricula by the Engineers' Council for Professional Development. This is the result of the inspection made last December by the Committee on Engineering Schools of the E. C. P. D., and is a part of the program for accrediting schools of engineering throughout the country now being carried on by the E. C. P. D.

Armour courses which appear in the list of the Council are: Mechanical Engineering, Electrical Engineering, Civil Engineering, and Chemical Engineering.

Based on Good Practice
The standards used by the E. C. P. D. in accrediting particular curricula are based on what is considered good practice in other curricula of generally similar nature. Since the curriculum in Fire Protection Engineering is the only one of its kind, no such basis of comparison was practicable in the case of this course. The course in Engineering Science was not submitted for inspection inasmuch as it had not been in operation a sufficient length of time to qualify.

The course in Architecture does not come under the jurisdiction of the Engineers' Council for Professional Development. Similar approval of architectural courses is extended by the Association of Collegiate Schools of Architecture, of which the Institute has been a member for many years.

Organized to Raise Status

The Engineers' Council for Professional Development is a conference of engineering bodies organized to enhance the professional status of the engineer through the cooperative support of those national organizations directly representing the professional, technical, educational, and legislative phases of an engineer's life. The work of the Council is developed along the following lines: (1) Selection and guidance of those who seek to enter engineering schools. (2) Formulation of criteria of colleges of engineering. (3) Encouragement of training of the young post-college engineer. (4) Recognition of engineers who have made suitable standings.

Anyone interested in working on the editorial, business, or circulation staffs of *The Cycle*, *Armour's yearbook*, may report in the *News* office, which is on the third floor at the second entrance of Chapin, tomorrow at 12:20.

Dr. W. E. Hotchkiss Resigns; Dean Heald Acting President

Came from Stanford; Known As Educator and Leader

Dr. Willard E. Hotchkiss came to Armour as president in 1933, from the position of dean of the graduate school of business at Stanford University. He was born in Amber, New York, in 1874, and won his Ph.D. at Cornell University in 1897. In 1903

Dr. Hotchkiss Writes Message to Students

Through the columns of the *Armour Tech News*, I should like to greet every member of the student body as I am laying down the presidency of Armour. Still more, I should like to bespeak for Dean Heald and his administration of the presidential office the loyalty and devotion which



Dr. Willard E. Hotchkiss

he received the degree of Master of Arts at Cornell, and after studying in France and Germany for two years had conferred upon him the degree of Doctor of Philosophy by the same institution. In 1927, Northwestern University conferred upon him the degree of Doctor of Law.

In 1904 Dr. Hotchkiss joined the faculty of the University of Pennsylvania and in 1905 came to Chicago and joined the staff of Northwestern University where he served until 1917. Returning to Northwestern again in 1921, after serving two of the intervening years as professor of economics and director of business education at the University of Minnesota, he founded and became Dean of the School of Commerce until 1925. From 1925 to 1932 he was at Stanford.

Among the many important offices Dr. Hotchkiss has held, he has been executive secretary of the President's Industrial Conference in 1920, Educational Advisor to the Institute of American Meat Packers, investigator for the United States Coal Commission, chairman of the California Economic Research Council, Pacific Coast Advisor of the President's Emergency Commission for Employment from 1930 to 1931, chairman of the NRA General Code Authority, and member of the Board of Editors of the *American Economic Review* from 1918 to 1932. He is also author of several important papers.

Dr. Hotchkiss plans to take an active part in industry and public service in which he has had an intense interest throughout his career.

Co-op Economics Club Holds Term Banquet

On Friday, Oct. 8, the "B" Coop Economics club held its term banquet at the Lawson Y.M.C.A. After dinner the speaker of the evening Mr. Cook of the Carnegie Illinois Steel Corporation, gave a speech entitled "Personality Traits Not Developed in the Curriculum." After this very informative talk, Mr. Wallace Bruce Amsbury entertained the guests with his dramatic poems. The following people were the guests of honor: Dean Heald, Dean Tibbals, Professor and Mrs. Lease, and Professor and Mrs. Fulghum. It was very unfortunate that Mr. Harding, the club sponsor, was unavoidably detained.

Surprise to Students; Trustees to Select New President

By J. D. S.

Dr. Willard E. Hotchkiss's resignation from the presidency came as a surprise to the student body when the announcement was made public at a faculty meeting last Tuesday.

Again, the school managed to scoop the *News* when the story appeared in the Chicago dailies last Tuesday evening.

Dean Henry T. Heald has taken up the story of Armour Tech as Acting President in which capacity he will act until the Board of Trustees appoints a new president which may take from one to six months or longer.

President Hotchkiss had already discussed his resignation with the Board of Trustees and his formal resignation appears in his Annual report to the Board for the year ending August 31, 1937.

Work Undertaken Is Done

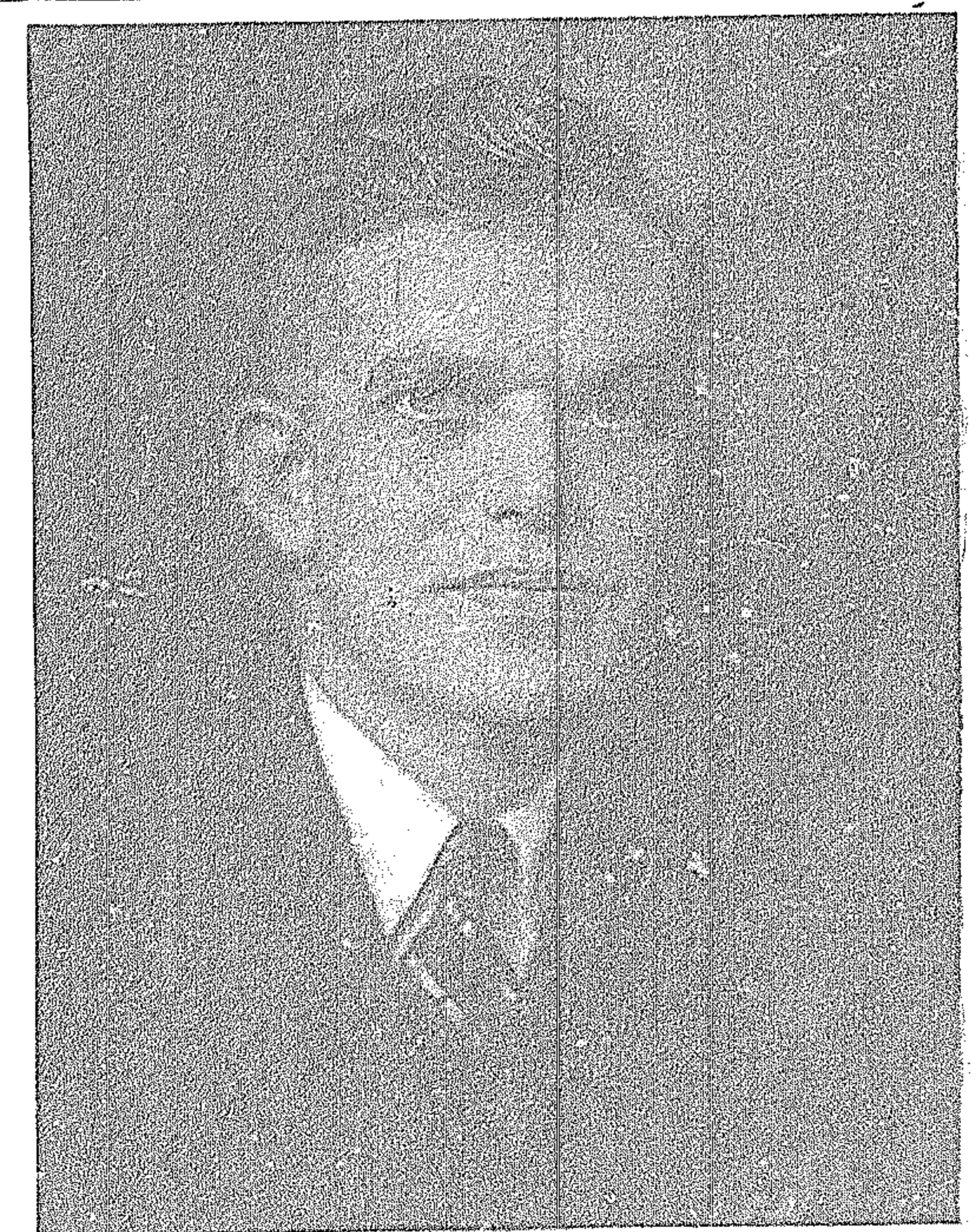
In making his resignation, Dr. Hotchkiss stated, "It seldom serves a useful purpose to subject the reasons for resignation to a detailed analysis. However, I believe that the record of events as outlined in my current and previous reports shows that the work which the Executive Committee of the Board of trustees asked me to undertake in December of 1932, has been completed."

Commenting on the resignation Mr. James D. Cunningham, chairman of the Board of Trustees stated: "The Institute was extremely fortunate in obtaining the services of this noted educator and economist in 1933. He brought to the Institute an understanding of operating methods as well as business methods in industry and commerce and a thorough understanding of educational requirements and problems. . . . The Institution, at present, is in a much better position than in 1933 and its future many times brighter—as a result of the untiring efforts of this man."

Dean Heald Here Since 1927

Dean Heald, the acting president came to Armour in 1927 as assistant professor of engineering education. In 1931, he was appointed assistant to the dean. He became dean of freshmen in 1933 and took the position of dean of the engineering college in 1934 in which position he has served until this time.

Dean Heald received his B.S. at Washington State College, and his M.S. at the University of Illinois.



Dean H. T. Heald