



## SIDELINES

By Leroy J. Beckman

FOR THE PAST week the principals of the NRA, unionized workers, and independent manufacturers were combined in conflict as evidenced by the striking of union workers in a Toledo manufacturing plant. Conflict between the employer and the trade union has been an existing condition for a period of years, but it will always be a source of embarrassment for General Johnson and the NRA administration.

DISSATISFACTION IN THE relation between the employer and the union cannot be accounted for as the fault of any single group involved. Unreasonable demands on the part of the union, or lack of reasoning on the part of the employer will exist singly or simultaneously. Remedy for the situation lies at the root of organization.

FROM the standpoint of the union, we recognize the underlying principles of American democracy and the rights of the American citizens. The union does, or rather should, take into account these phases—without regard for self-interests. And yet, how often does one hear the opinion of the union member voiced in utter disgust? Based on observations we feel safe in saying, "many times." Of course, all branches of organized labor do not function for the good of the "top-man," but there is no doubt but what the member will appear "satisfied" for the sake of employment regardless of policies enacted.

WITH REFERENCE to the whole of industry, we recognize the problems encountered in industrial enterprises. Problems of production and problems of finance are combined with the essential element of employment. In many cases the employer does neglect proper contact with the employee, which in turn justifies unified action. The so-called "strike" was originally termed as the refusal to work, but in recent years the same term has developed into civil war, symbolic of something else beside common horse-sense.

## Abandon Idea of A.I.T. Fair Exhibit

Plans for an Armour Institute exhibit at the World's Fair this summer have been definitely laid aside, Dean Heald announced last Friday. It was the conclusion of the officers and trustees of the Institute, he said, that the expense of an exhibit would be unwarranted at present. While the general advertising value of an exhibit would undoubtedly be helpful, it would be in the nature of an extra expense. Like most other schools, the Institute is not in a position today to afford an expenditure of this kind, not directly connected with instruction.

Space rental, construction and installation expenses, and operating costs would have brought the cost of an exhibit to several thousand dollars, according to the plans which were contemplated while negotiations with the Fair were under way.

## Salamander Elects Ahern As President

At a business meeting last Wednesday, the members of Salamander, honorary fire protection engineering fraternity, elected officers for next year. The men elected to office were: J. J. Ahern, president; L. W. Biegler, vice-president; E. N. Searl, secretary; and G. W. Wheaton, treasurer.

Two men, O. P. Freilinger and J. K. Morrison were elected co-editors of the "Deflector," annual publication of the fraternity. This will consist of letters from alumni telling about their work; it will be issued sometime this week. Other final business items were attended to at this meeting.

## NEAL, HEIKE, AND DOLLENMAIER GET A. T. A. A. OFFICES

Presidency for Next Year Goes to J. J. Ahern

### BANQUET IS MONDAY

A. T. A. A. elections were held Friday, May 25, and resulted in the election of D. J. Neal, 1st vice-president, E. A. Heike, second vice-president, and H. R. Dollenmaier, secretary. The tabulated results are as follows:

First Vice-President—  
D. J. Neal ..... 166  
J. O. Larson ..... 131  
R. O. Warner ..... 119

Second Vice-President—  
E. A. Heike ..... 233  
J. F. Bartushek ..... 140  
J. Hevredis ..... 38

Secretary—  
H. R. Dollenmaier ..... 253  
R. W. Schmidt ..... 102  
W. Concelino ..... 59

J. J. Ahern automatically became the president as a result of being elected first vice-president last year. In an informal statement the new president said that intra-mural sports deserve more attention and probably will be stressed more in the future.

The nominees for the positions were selected by a committee consisting of L. W. Biegler, F. Hackman, D. J. Neal, and V. Omicinski. Only sophomores were eligible for the first vice-president and secretary positions, and freshmen for second vice-president. Next fall, the incoming freshmen will elect a representative to the board.

A banquet, in honor of the athletes and new members of the board, will be held at the Union League Club on Monday, May 8. Dinner will be served at 6:30. Besides professional entertainment, the program will include music by one of the members of the Armour Tech band.

## Prof. Teach to Give Radio Talk on Math

Professor V. B. Teach of the Mathematics department will give a radio talk over station WCFL on Thursday, June 14, at 4:30 p. m. The subject of the talk will be "Mathematics in Daily Life." This will be an answer to the critics who object to teaching a great deal of mathematics to the student.

Quoting Professor V. B. Teach: "A man needs no mathematics to live, but if he wants to save himself and his family some money he will recognize that arithmetic and allied subjects are worth their weight in gold. Even an African negro must possess some system of integers if he wants to know how many wives and children he possesses."

The lecture is sponsored by the Men Teacher's Union and the Institute's Policy on Adult Education.

## Initiate Four Men Into Eta Kappa Nu

Thursday, May 17, the Chicago alumni of Eta Kappa Nu held a banquet at the Union Station. Initiation of new members took place. The fraternity takes pleasure in announcing the initiation of J. Morrissey and D. Chadwick, seniors, and L. Higgins and V. Hedlund, juniors.

## Son of Alumnus Wins Colorado Scholarship

Harry Woldenberg, son of Maximilian Woldenberg, Ch. E., '06, has been awarded a four year scholarship to the Colorado School of Mines, at Golden, Colorado. The award was based on the excellence of his four year record at New Trier High School and was open to twelve candidates in the state of Illinois. Har-

All students who have not yet received their Cycle may call for them at the school bookstore any time before school lets out.

## Glee Club to Give Summer Concerts

With the end of the school year, the Armour Tech Musical Clubs have behind them one of their busiest seasons, while before them lies the prospect of continued activity, even during the summer.

At 7:30 p. m. Saturday, June 2, the Glee Club and Orchestra will present a concert in the Hall of States at A Century of Progress Exposition. The Alumni Association will hear the two organizations Tuesday, June 5, at the Medinah Athletic Club for the first time in several years.

Held Semi-annual Smoker Last Thursday evening members of the Musical Clubs assembled at the Phi Kappa Sigma House for their semi-annual smoker, election of officers, and presentation of tokens to the men who have served their first year. Entertainment for the evening consisted of several card games and a short sketch, featuring an impersonation of Joe Penner, by the Pi Nu Epsilon pledges.

Mr. Erickson, director of the Musical Organizations, spoke well of the work accomplished by the two groups. He further revealed that he would like to present some concerts in the downtown area during the next year, and that the Orchestra and Glee Club have improved their work considerably.

Elected New Officers In an interview Mr. Erickson made public the fact that "his ambition is to make the Armour Tech Glee Club and Orchestra a part of the civic organizations of Chicago so that each time the Musical Organizations appear before a civic group he will feel that they are contacting men of influence."

The results of the election of officers of the Musical Clubs for the next year are as follows:

President, J. R. Lang; vice-president, L. W. Mecklenburg; secretary, H. J. Zibbe; treasurer, J. K. Morrison; business manager, J. H. DeBoo.

The first concert in the second semester was sponsored by the Alumni Association of the Chicago Teachers' College on May 16 at the Belmont Hotel. The next concert will be for the Rotary Club on March 20 at the Sherman House. This concert was notable for the stage setting that was provided.

Play at A. T. A. A. Banquet On Easter Sunday, the Glee Club sang for the services conducted by Professor Scherger in the Mission Building.

On May 16, the annual spring concert and fraternity sing was presented at the Institute. A notable event for the Musical Organizations was the presentation of a few numbers at the World's Fair Rally "Keep Chicago Ahead" in the Stadium on May 21. The latest appearance was that of a select group of men from the orchestra, who played at the Armour Athletic Association banquet held last night.

## Food 'n' Fun Send Profs Home Happy

The novel entertainment which followed the annual spring faculty banquet was enjoyed by the 69 members who attended. Quoting Professor W. C. Krathwohl, "I expected to stuff my ears with cotton and cover my eyes but was surprised at the unusually good program." Professor John J. Schommer, president of the Faculty Club, was responsible for the arrangements of the entertainments.

Dr. Willard E. Hotchkiss gave a ten minute talk. Patrick H. Barnes, radio announcer, presented humorous character sketches and told funny stories. Cal Johnson of the Chicago Daily News presented four reels of motion pictures on fishing and outdoor life.

## Re-establishment of Shops Advised

Faculty Committee Makes Its Preliminary Report

The preliminary report of the faculty committee on shop policy, released yesterday, recommends the establishment of shop courses of some form in the Armour curricula in the future. Neither the exact nature of such courses nor the time when the courses would be added are included in the scope of the preliminary report.

Several definite recommendations were made in this report. One was that shop courses be a required part of the curriculum in Mechanical, Electrical, Chemical, and Fire Protection Engineering and listed as electives in the curriculum of Civil Engineering and Science. Another was that in the establishment of a shop policy, the objectives to be considered should be the development of knowledge of shop machines and processes, the development of knowledge of the properties of materials employed in shop practice, and the development of knowledge of fundamentals of shop economics and management.

It was also recommended that machine shops be considered as of first importance in shop program and that wood shops be omitted, provided that proper consideration to patterns and pattern making be given in other shop, drawing or classroom courses. In the discussion of the purpose of shop courses, the attainment of manual dexterity was considered of minor importance.

Work of the committee is not completed as yet. They will continue their investigation of opinions and questionnaires and prepare recommendations as to the amount of time to be devoted to the required elective shop courses, the position of shop courses in the curriculum of each department, the general character of the courses, and the nature of the equipment to be employed.

This preliminary report of the faculty committee on shop policy, consisting of Professors J. B. Finnegan, chairman, E. H. Freeman, H. T. Heald, P. C. Huntly, and C. A. Tibbals, secretary, was based on data collected from educators, industrial superintendents, and alumni executives. The committee was appointed shortly after a year ago, immediately after the discontinuation of the existing form of shop courses at Armour. The final report will be submitted to President Hotchkiss only after detailed and careful analysis of the problem.

## Lillis to Receive Award by Alumni

Armour alumni will hold their semi-annual spring banquet at the Medinah-Michigan Avenue Club on the evening of Tuesday, June 5 at 6:30 p. m. To date about two hundred tickets have been sold and about three hundred are expected to be disposed of.

John J. Schommer, president of the Armour Alumni Association, will call the banquet to order and introduce the toastmaster for the evening who will be Charles W. Hills, an Armour trustee and alumnus. D. P. Moreton, secretary of the Armour Alumni association, is in charge of the banquet committee; he has arranged a varied program for entertainment in which the Armour glee club will take part.

The speakers, are President W. E. Hotchkiss and several Armour trustees. They will give short talks on various topics of the work of the association and general conditions of the school. The Senior Award winner this year is Stephen M. Lillis; he is to be presented with the award which is a certificate fit for framing, for his fine work while an undergraduate at Armour. This distinction is awarded each year to a graduating senior by the Armour Alumni association.

This is the last issue of the *Armour Tech News* for the present school year. The next issue will be distributed Monday, September 24, as the next school year opens. To the graduates, as well as undergraduates, the *News* extends its wishes for a pleasant and profitable summer.

## Wheaton Elected Editor of Cycle

George W. Wheaton was elected editor-in-chief of the 1935 Cycle at the meeting of the Cycle staff held last Friday. At the same time, R. S. Kercher was elected business manager, and J. B. Davis, associate editor. T. C. Peavey is the retiring editor and H. J. Zibbe is the retiring business manager.

The newly appointed men received this recognition because of their previous work upon the Cycle staff. The new editor occupied the position of associate editor last year, while the new business manager was previously assistant business manager. The new associate editor was formerly organization editor.

The appointments for the other positions on the staff will be made in the fall of the year.

The new editor stated that anyone who has taken pictures during Junior Week at any other time may put his work in the Cycle book. The best pictures will be published in the next Cycle.

## Soph Splash Party to Be Held June 6

The sophomore splash party, scheduled for May 22, has been postponed because of the insufficient number of tickets sold. According to J. O. Larson, president of the sophomore class, the splash party will be held on the night of June 6 at the Medinah-Michigan Avenue Club.

The tickets are \$1.00, and there is room for about 50 couples. All students wishing to attend must see either J. O. Larson or I. M. Hughes to purchase tickets. Tickets bought for May 22 will be honored June 6.

## Wilcox Lectures to Naval Reserve Group

Last Wednesday evening the Naval Communication Reserve of Chicago saw an experimental demonstration of ultra-high frequency electromagnetic waves, which was presented to them by Professor Wilcox of the physics and radio departments of Armour. The frequency of the waves used was 100,000 kilocycles, and the wave length was 3 meters.

Professor Wilcox described some of the experiments briefly, the first being that with the vacuum tube oscillator. He said that with this device waves were produced, and he measured the wave length on wires. He also lighted a number of lamps at various parts of room by use of the high frequency vibration.

He demonstrated the fact that the wave velocity on a coil of wire was very much less than on a straight wire. It was also shown that the current at the center of a receiving aerial of about 1 1/4 meters in length was much greater than at the ends. This was shown by use of an electric lamp, which was brightly lighted at the center and less brilliantly at the ends.

## Movies Show Phases of Motor Car Design

Graphically portraying a few of the many varied phases of modern motor car design, three movies were shown to the Armour branch of the A. S. M. E. last Friday by the Chrysler Motor Car Corporation. The films were entitled "Three a Minute," "Hell Drivers," and "The Development of the New Air-Flow Chrysler."

## DR. WICKENDEN TO PRESENT ADDRESS AT COMMENCEMENT

Exercises to Be Held in Goodman Theater June 7

### 191 GET DEGREES

William Elgin Wickenden, president of the Case School of Applied Science, will deliver the address at the thirty-eighth annual commencement exercises of Armour Institute of Technology Thursday, June 7, at 4 o'clock at the Goodman Memorial Theater. Dr. Wickenden is also president of the Society for the Promotion of Engineering Education and has been known for years as a leader in this field. The choice of the Goodman Theatre was made because of its seating arrangements and central location, Monroe street, just east of the Art Institute and Illinois Central tracks. Sample parking facilities can be found in Grant Park. Admission to the exercises will be by ticket only.

### Nine M. S. Degrees Given

The graduating class, numbering 175 men, will be the largest ever to graduate from Armour Institute. In addition to the Bachelor of Science degrees, nine Master of Science and seven professional degrees will be conferred, making a total of 191 degrees this year.

Baccalaureate services will be held on Sunday morning, June 3, at 11 o'clock at Orchestra Hall. Reverend Frederick F. Shannon will deliver the sermon. Immediately following the service, members of the graduating class will meet in the foyer of the officers, faculty, and trustees of Armour Institute.

The Baccalaureate services are open to the public, no admission tickets being required.

### 14 Commencement Marshals

The commencement marshals for this year are fourteen men selected from the freshman, sophomore, and junior classes: They are W. W. Henning, R. J. MacI, E. N. Searl, J. N. Welland, G. W. Wheaton, and D. E. Young (juniors); C. P. Boberg, P. D. Cotterman, R. R. Johnson, J. O. Larson, Brockway McMillan, and H. P. Milleville (sophomores); and Norton Gerber and W. B. Graupner (freshmen). Faculty marshals are Professor C. A. Nash and his assistants, Professors W. W. Colvert and A. W. Secor.

Individual pictures of all seniors are being distributed to each senior. Tom Peavey has charge of the committee.

## Election of Officers at F. P. E. S. Meeting

The Fire Protection Engineering Society at a meeting held last Friday elected the officers for the coming year.

All students that will carry on the work of the society in the various offices are: E. N. Searl, president; W. A. Trudelle, vice-president; O. P. Freilinger, secretary; and J. K. Morrison, treasurer.

During the past year the officers were: A. J. Anderson, president; G. E. Myers, vice-president; R. P. Dobson, secretary; and R. W. Swanson, treasurer. In the absence of President Anderson, the meeting Friday was conducted by Vice-President Myers. A report of the financial standing of the society concluded the business of the meeting.

## Honorary Fraternity To Initiate Thursday

Pi Nu Epsilon, honorary musical fraternity, will hold its formal initiation next Thursday evening at the Theta Xi house.

The men to be initiated are: J. H. DeBoo, C. P. Grakavac, L. W. Mecklenburg, and J. K. Morrison.