



By Albert M. Lane

THE SAME MORNING paper that informs us of a jury finding in a trial that reeks to the high heavens with the stench of political corruption in our fair city devotes an entire page to contradicting itself in a matter of national importance. Editorially, commentarily, and reportorially it informs us that our national governmental body has benignly set about to relieve unemployment in Germany by buying steel for the Triborough Bridge from that country. It further informs us that the government is only thinking of buying the steel abroad, while it also discloses that the steel will not be bought from any but domestic mills.

THESE TWO ITEMS are of common generation. The same state of political depravity gives rise to each. The first mentioned case was anticipated in this column some months ago, and further factual relations would not be significant. The conflicting statements contained in the latter are of little individual importance. If the government agency had awarded the contract to any one of the domestic producers who had entered their bid, that same newspaper would have attacked the agency, charging incompetency in not detecting the self-evident collusion entered into by the producers, all of whom quoted an identical price. The paper would also have decried the purchasing of the steel at a price higher than the lowest bid—foreign or otherwise.

THE MOTIVE that prompted the full-page splurge is the matter that deserves attention. The purpose of the attack is simply to discredit the administration and dissipate its strong popularity, for it does not favor the private interests of that minority of the citizenry to which the press caters. As the current crop of local political leaders are engaged in the exploitation of public trusts, so too are these private interests engaged in pillaging the fruits of human labor on a national scope.

THE EXISTENCE of the political conditions which permit and encourage in this nation wide exploitation and hypocrisy is not a product of recent manufacture. It is, rather, an heritage handed down through the ages. But neither in rhyme nor in reason can there be found an excuse for its long life nor for its continuance. Education can stamp it out. Upon educators, whether they will or no, was long ago placed the solemn charge to organize the crusade against political abuse—to perpetuate a widespread participation in public affairs by educated men. Were I an educator, no man would sift through my hands without that he master every thought embodied in that masterpiece of progressive thought, "The Public Duty of Educated Men," so ably delivered at the commencement of Union College in 1877 by George William Curtis.

Kercher to Talk on Practical Statistics

Roy Kercher will address the Math Club this Friday at 10:30 a. m. in Science Hall on the subject, "Practical Statistics." Professor Davis will give a talk in December, and several freshmen and undergraduates are scheduled to talk under the new policy of the Math Club, which is to invite students to present the papers rather than professors and other men.

Besides taking special work with Professor Davis on the subject of statistics, Kercher, a senior in the engineering science department, is news editor of the *Armour Tech News*, is a member of the wrestling team, and was business manager of the *Cycle* last year.

Haight Lauds Engineering Education But Sees Cultural Subjects Lacking

Speaks at Armistice Assembly

American troops in the great war comprised a "spear head of democracy thrust into the heart of autocracy," according to Mr. George I. Haight, prominent attorney and an Armour trustee, who spoke at the annual Armistice Day assembly last week.

Lauds Engineering Training
In an interview after the assembly, Mr. Haight lauded engineering education as being excellent training, but found fault with the tendency to over-specialize. Later he said, "To get along in the world a man must be good—this may be achieved by specialized education—but to be better a man must also have a general education. An engineer should not confine himself to technological subjects, but should also study economics, history, and other social subjects. This knowledge will not only be broadening but will have practical application in the professional world."

Mr. Haight suggested that general cultural subjects be taught in the freshman year and continued as hobbies by the students in their later and more specialized years.

Mr. Haight became a trustee at the invitation of Dr. Hotchkiss two years ago. He is a graduate of the University of Wisconsin and is president of the Wisconsin Alumni Research Foundation which he organized.

Has Many Hobbies

During the World War Mr. Haight was actively associated with Rear Admiral W. A. Moffett in organizing civilian recruits. He is very versatile in his interests and has numerous hobbies such as etching, painting, music, writing, history, and research in the natural sciences.

In his talk, after declaring that he is opposed to war in general and that he is in favor of the present neutrality policy of the administration, Mr. Haight stated that he is neither a militarist nor a pacifist, but that he believes that there is a line beyond which one cannot retreat, a point where a nation must stand and make its fight. "Peace at any price is the philosophy of slaves," he declared.

On the premise that war is justifiable in some cases, Mr. Haight gave a list of rights which he considers are worth fighting for. Among these are the right of religious freedom, of freedom of speech and of the press, of peaceable assembly, of trial by jury, and the right to petition the government for redress of grievances.

P.L.U. Pledges Eight, Includes Science Men

Two students of the science department, R. S. Kercher and N. Gerber, were pledged by Phi Lambda Upsilon, honorary chemical fraternity, along with six chemical engineering students last Thursday evening. This is the first time that science students have been pledged to any departmental honorary.

The men who were required to take a written quiz and a laboratory examination, are N. Balai, T. M. Gilkison, R. S. Kercher, L. W. Robbie, and C. D. Rodriguez, seniors, and H. O. Bauermeister, N. Gerber, and P. R. Schultz, juniors.

February 7 Is New Date of Arx Dance

Because of a program conflict and because the other school dances fall around December 6, the annual Arx ball has been postponed until February 7. The program conflict comes as a result of the problem which the senior architects have due during the week of December 6, while the honor of having the first social event of the second semester is an additional factor in the decision to change the date.

See Shortage of Engineers by 1938

A shortage of engineering graduates by 1938 is expected unless there is a change in the demand and supply for college trained engineers. This statement was revealed by a recent survey and was brought out in a discussion between President Hotchkiss and Mr. J. D. Cunningham, chairman of the Board of Trustees, last Tuesday evening over station WCFL.

"It is the increased diversification of work for engineers that will undoubtedly contribute to the anticipated shortage of technical men in the latter part of this decade. Young engineers now are going out into smaller companies than formerly, and small corporations that have not heretofore employed engineers are finding technically trained men valuable," said Dr. Hotchkiss.

Through research, these engineers have themselves created new products and industrial methods, with the result that five new companies were launched in the middle of the worst depression of modern times.

President Hotchkiss said, "One of the most important ways we can develop keen minds and sound thinking which are so necessary to any creative engineering work is to stress more and more the importance of thorough study of the basic sciences, like mathematics, chemistry, and physics. It is in the application of the fundamental sciences that progress along technical lines has been made in recent years."

School Guide Will Be Out This Week

After much hard work by the office staff and members of Sphinx, the new student directory is finished and ready for distribution. The bookstore will have them for sale early this week, at twenty cents a copy, the charge being a basic one covering only the expense of printing.

Through the efforts of Sphinx, honorary fraternity, a brief account and listing of officers are given for every organization connected with the school—honorary and social fraternities, clubs, societies, and the present officers of the four classes. The main portion of the book is devoted to the names and addresses of all students, faculty members, trustees, and employees of the Institute.

Another interesting feature is the complete text of the Armour Tech Athletic Association constitution since it is obviously true that a huge majority of the students are ignorant of the contents of this document and the powers of this body. Along with the A. T. A. constitution is printed an itemized list covering all the uses to which the \$19 yearly activity fee is devoted.

This book should be considered an essential counterpart of every student's school equipment, as it is truly informative.

Engineer and Morgue Move to Civil Offices

This week the *Armour Engineer and Alumnus* will move to its newly prepared office in F Chapin, which was formerly occupied by the civil engineering department.

The editorial staff will assume charge of the larger of the two offices, while the small office is to be occupied by the business department. Desks, tables, filing cabinets and other equipment are now being obtained.

The present plans are to centralize at these offices all cuts, photographs, and pertinent equipment of all Armour publications—the *Armour Tech News*, *Cycle*, *Armour Engineer and Alumnus*, and various plates belonging to the Institute.

Nine Are Initiated Into Tau Beta Pi

Illinois Beta of Tau Beta Pi, the Armour chapter of the national honorary engineering fraternity, celebrated the fiftieth anniversary of the founding of the organization at a reunion banquet held last Friday evening at the Swedish Club of Chicago. Prior to the banquet initiation ceremonies were held for nine seniors. They are: Don C. Graham, John H. Johnson, John F. Kahles, Victor J. Kropf, Albert M. Lane, Theodore S. Ramotowski, Wesley S. Weiting, Otto Zmeskal, and Gordon A. Zwissler.

The banquet, which was characterized by the fact that there was no formal speaker, was attended by approximately fifty alumni members of the Armour chapter, as well as by the professors, active members and initiates. Following the dinner an informal get-together and Monte-Carlo smoker was held. The prize for the evening went to V. J. Kropf, who, however, did not receive the full benefit of it, for practically all of the candy of which the prize consisted was consumed by the members.

HONORARIES TO BE IN '35 CYCLE; STILL TRY FOR PRICE CUT

Impairment of *Cycle* quality is out of the question. Such was the decision rendered at the meeting of the Interhonorary council and representatives of the professional societies and fraternities last Friday. However, the representatives favored reduction of the cost of *Cycle* pages. Recommendation by the previously appointed committee that the group refuse to pay the present rate was not accepted as the poll taken indicated that less than half were in favor of the plan.

Take Definite Action

Definite action however was taken in the adoption of the following resolution: 1. As representatives of the honorary and professional fraternities and societies, we believe that the quality of the *Cycle* must not be impaired. 2. We believe that the honorary and professional fraternities and professional societies should not be required to pay as large a proportion of the *Cycle* costs as they are now doing. 3. We demand a statement from the A. T. A. of its budget with a view toward a larger appropriation for the *Cycle*, if possible.

Cannot Afford Cost

Representatives of the A. I. Ch. E. and A. S. M. E. stated that these societies were unable to afford the present prices, while opinions of the remaining groups were highly diversified.

According to O. Zmeskal, who represented the A. I. Ch. E., "The cost of *Cycle* pages is too much for the professional society because it takes so great a sum out of the treasury that no other functions can be held. Funds can be put to better use in professional matters. It would take three-fourths of our dues for the *Cycle* pages this year. The professional society does not get as much for its money in the *Cycle* pages as the honorary group gets."

Finances of School Explained at Banquet

Two-hundred alumni and faculty members heard Pat Barnes and Warren Brown speak at the annual winter banquet of the Alumni Association last Tuesday. Mr. Barnes dramatically related several of his World War experiences among which were many that amused the audience while Mr. Brown told of his rise from a cub reporter to the chief of the sports staff of the Chicago Herald and Examiner.

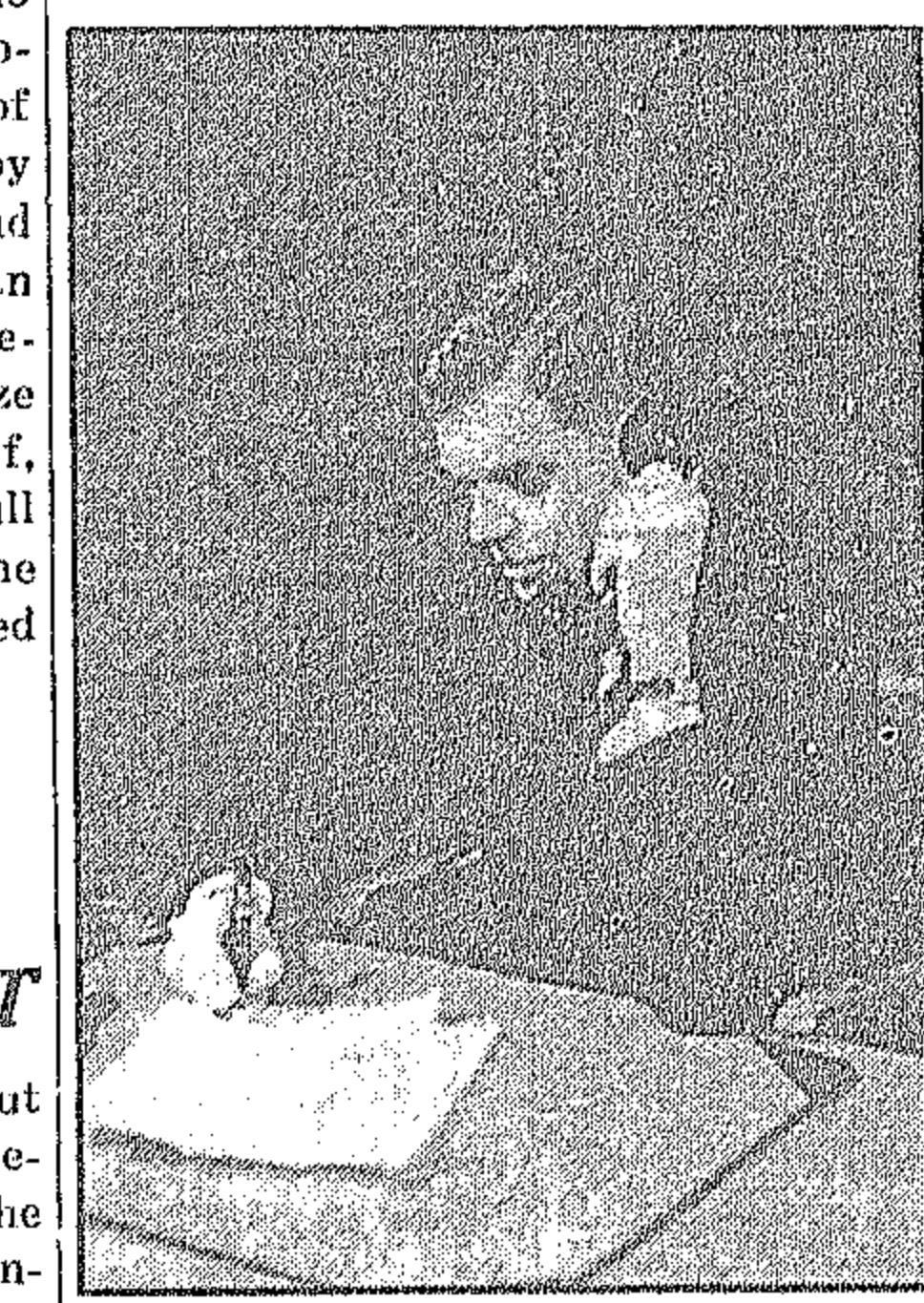
Questions pertaining to Armour Institute and the activities about school were asked for, and answered by W. E. Hotchkiss and J. D. Cunningham before they left for their homes. (Continued on page 3)

PLAN TO ADOPT PROGRAM OF COOPERATIVE COURSES LEADING TO B. S. DEGREE

Mechanical Engineering Students Would Attend School and Work at Outside Job in Alternate Periods

THIRTY-FIVE PLANTS WOULD COOPERATE

"Industry will provide the jobs, the college will supply the education," and a part of Armour's student body may, in the near future, attend classes and work at a coordinated outside job in alternate periods, Dean Heald made known last week. A year round program of this nature, lasting five years, with a B. S. degree as the goal, will be adopted if the plans of the executive committee of the Armour Board of Trustees for a cooperative course in mechanical engineering to supplement the regular course are materialized.



Dean H. T. Heald

"House of Juke" Survives Trials

Mayor Kelly won't have to censor the play *The House of Juke* to prevent its showing at Armour next Thursday at 11:30 in the assembly hall if anything is to be made of the mixup at the rehearsal which was held last Friday night.

When Professor Hendricks walked into the assembly hall and found that for the second night in a row a member of the cast was absent from rehearsal he went into a rage, said he wouldn't hear the rehearsal and that the play should be called off. Then to top it off Joe Kubert resigned as stage lighting manager because somebody was interfering with his work.

It looked as if the play, if run at all, would be without faculty supervision and would be run in the dark. After much coaxing by the optimistic stage manager, Syd Miner, Professor Hendricks listened to the rehearsal and Joe Kubert agreed to resume his duties.

Four Fresh in Cast

Classes will be excused at 11:30 for the play, if it is held. Admission will be free to students.

The cast for the play is as follows: Jezebel Juke.....Lawrence Cuneo Sam Juke.....Ray Dodge Jake Juke.....Richard Weissman Mary Case.....Walter Cump

Assisting in the production are Professor W. Hendricks, faculty director; S. Miner, stage manager; R. Lischer and J. Kichaven in charge of scenery; J. Kubert, lighting manager; and W. Emmerich in charge of costumes and properties.

Play Should Be Interesting

How successful Mary Case, a pretty young girl, is in reforming Jake Juke, a son of the degenerate "Juke" family, is revealed.

The "Juke" family is unique in that it is proud of its degeneracy. The opposition of the family to everything that is normally thought decent and respectable, when it is realized that such thought and environment in most likely a moderated degree exists in life, is well summed up in the naive description of Howard Vincent O'Brien of the play "Tobacco Road"—"When I saw the play I felt as if I had had a personally conducted tour through a sewer."

The plan, which it must be remembered, has not yet been acted upon by the Board of Trustees, took shape largely through the efforts of Thomas S. Hammond, a member of the board, assisted by Professors Finnegan and Huntly.

Several colleges of engineering, among them M. I. T., already provide opportunities whereby a student may divide his time between school work and his job. Two men could therefore be employed for each job, one working while the other is attending school. Periods of eight weeks are planned for the Armour courses.

Choose Men Carefully

It is intended, if the plan is approved by the Trustees, to have students in 35 plants during the first year. An industry desiring to do so could hire additional men the following year. Wages for the student while on the job would be the only expense to the company, because the alternate would receive no compensation for the time spent in school.

Students will be chosen with great care, the prime factor being their inability, due to financial reasons, to attend school without the aid offered by the cooperative plan. The majority would come directly from the high schools, but the corporation may, at its own discretion, select some of its promising employees to put through school.

Tuition to Be Same

Tuition for the course will be approximately the same as for the regular students, but because of its five years duration the cost per year will be less than for its companion four year course.

The subjects presented will be the regular mechanical engineering studies, but due to the fact that students attend all year, the courses will be taught separately to the group. Fifty weeks of college work per year for five years will lead to a degree in mechanical engineering. Two weeks vacation will be given during the school year, but none during the working year, other than regular factory holidays.

Would Record Progress

A member of the faculty would be assigned to the task of coordinating the college work and the industrial experience. He would keep a record of the individual's progress both in the factory and in the school and maintain the relationship between the company and the college.

Due to the fact that they would be away from the school for periods of eight weeks, the cooperative students would be quite unable to participate in the extra-curricular activities of the school.

O. E. Norris Elected Chemalum President

Chemalum, senior chemical organization, met last week and held an election of officers for the year.

Those elected were O. E. Norris, president; G. Freund, master of ceremonies; G. A. Forte, secretary-treasurer; and R. G. Stevens, athletic manager. The organization meets at irregular intervals during the year.