



SIDELINES

By LEROY BECKMAN

WHEN DR. W. A. WIRT delivered the strong insinuation that the United States is in the process of "a deliberately planned revolution", we began to wonder whether that was just another blow-off from Gary, Indiana, or the truth in its entirety. To make such a statement requires nerve—but should the accusation prove to be of value—that will require some thing else.

MEANWHILE, the house of representatives is in an uproar. Curiosity, duty and what not are cause for the treatment in Dr. Wirt's statement? Yes, why not? Dr. Wirt enacted his graduate work at De Pauw university and the University of Chicago, during which time he made special study of educational methods in England, Belgium, France, and Germany. The educator first gained recognition when he applied the so-called "Wirt's Study Play School" system, wherein the alternating of classes between regular and special teachers increased the capacity of the average school building by 40%. Dr. Wirt is a pre-dominant figure in the Indiana school system and also serves as official advisor to the board of education of New York City. He must have the capacity for observation. He might be well informed.

PROVIDING there is truth in the accusations of the educator, we hold every respect for the man who will walk out of the field of daily occupation to make known his findings, especially when they are concerned with so vital a question as that of national recovery. Of course, there does exist the possibility of Dr. Wirt being used as a tool in the hands of several who might desire to thwart the program of national recovery. But, nevertheless, when the famous "brain trusters" are accused of releasing the statement that "Mr. Roosevelt is only the Kerensky of this revolution," there is bound to be another side to the administration's story. The people of this country demand the truth—let the House of Representatives get it.

THE BLUE EAGLE flies far and wide. Great Britain has decided to employ the principals of the NRA in the reorganization of basic British industries. The cotton and textile industry will be the first affected and labor affiliations as well as wage rates are to be set by the House of Commons. Should the application of a code to this industry prove effective, there is no doubt but what the other industries will be affected in short order. The significance of British application of the code is that it will be gradual and largely a matter of experiment.

WITH THE FRESHMEN totin' their green "pots" around again, we wonder at the type of enforcement to be maintained by the student board of control. At the present time there are more non-sneaking freshmen than there are "green-toppers." Maybe the frosh don't like the idea of wearing their green hats to the end of the school year.

Interhonorary Dance to Be Held April 20

April twentieth is the date that has been tentatively selected for the interhonorary dance. Norman Colburn, chairman of the interhonorary council, is in favor of the ballroom and lounge facilities of the twenty-third floor of the Allerton Hotel. The location for the dance. Plans for a buffet supper are being made and everything is being done to assure a good dance. All members of the honorary fraternities are urged to attend. Each honorary group will be assessed a nominal sum for each member, whether he attends or not. This will be used to defray expenses and insure financial success.

Penn and Heald Go to Conference

Northwestern university was the scene, last week, of the sixteenth annual conference of the National Association of Deans and Advisers of Men, an organization of which Deans Heald and Penn are members. Both of the Armour deans attended the conference, which lasted three days and included a series of meetings, luncheons, and dinners.

A feature of the meeting was the report of the question box committee, which reports on a variety of questions regarding trends in collegiate activities.

Some of the questions under consideration are:

What has been the effect on student conduct of recent changes in the prohibition regulations?

Is participation in extra-curricular activities confined as much to fraternity men as it was 5 years ago? 10 years ago? 25 years ago?

What procedure do you follow in connection with chaperoning fraternity dances?

Has the depression notably increased or decreased the general scholarship of classes or institutions?

The Play's The Thing Despite Difficulties

Leaving all unpleasant memories behind, but cherishing the pleasant remembrance of "The Rising of the Moon," the Armour Players have turned their attention to "The Romanians," the three-act play to be presented the Friday evening before Junior Week. This play, by Edmund Rostand, is "a satire on romance by a writer of romances." It relates the tale of two lovers who are disillusioned, but still retain their love.

In order to defray expenses incurred in the various productions of the Armour Players, tickets will be sold. General admission will be twenty-five cents, with a section of reserved seats for thirty-five cents. Tickets will be obtainable as soon as a definite date for Junior Week is set. It is hoped that ticket sales will warrant the production of the play a second time.

At a meeting held last Wednesday the following officers were appointed: stage manager, J. L. Brenner; scenery, R. P. Lischer; W. H. Sobel, and the architects; lighting and effects, H. A. Bibber; costumes, W. Emerich; ticket sales, C. L. Schermer; and publicity, D. S. Dickey.

Muehlberger to Speak at A.I.Ch.E. Meeting

Dr. Clarence E. Muehlberger, an Armour graduate and head of the Scientific Crime Detection Laboratories at Northwestern university, will address the A. I. Ch. E. Friday, April 6, his talk being on bombs and explosions. He was to have spoken before the group Friday, March 9, but a subpoena on a court case prevented him from doing so. The speaker was obtained through the efforts of R. McFarland, president of the A. I. Ch. E.

Mr. S. J. Modzikowski, chief testing engineer of the Peoples Gas Light & Coke Company's laboratories, will address the A. I. Ch. E. Friday, April 13. Dr. Lathrop, consulting chemical engineer and former director of the Jackson laboratory of the DuPont Company, will speak before the group either on April 20 or April 27. The time has not yet been set. Both these men are well known in chemical engineering circles.

Jacket Order to Be Filled in Two Weeks

The few remaining sophomores who placed their orders after the majority of their classmates will obtain their jackets two weeks hence, April 13. The price will be \$5.50, as only twenty orders have been received.

The jackets will be the same as those ordered previously, except for a minor difference in color.

DELL COON'S BAND IS SELECTED FOR FROSH-SOPH DANCE

Knickerbocker Hotel's Oriental Room Is Site

BIDS PRICED AT \$1.75

Success for the soph-frosh informal dance to be held Friday, April 27, in the Oriental Room of the Knickerbocker Hotel appears certain from the enthusiasm displayed by members of the freshman and sophomore classes. The combined social committees are striving to present to the lower classmen the largest, and the most glamorous social function of the year. It is expected that well over 200 couples will attend.

The Oriental Room, one of the most enchanting ballrooms in Chicago, presents many desirable features: an amplifying system allowing the rhythmic strains of the orchestra to penetrate the spacious ballroom without forced volume by the orchestral members, an illuminated glass dance floor, an indirect lighting system, and finally a spacious balcony of an unusual type of architecture.

The committees have been fortunate in obtaining Dell Coon's orchestra. Although this is Dell's first Armour engagement, he is well known to the majority of the student body, having participated in numerous social functions at Northwestern university and at Purdue. The members of the social committees were unanimous in the selection of Coon, after having heard the orchestra under consideration.

The bid contest held by the social committee showed the originality possessed by the students at Armour. The first prize was awarded to C. W. Reh. The design of the bid was altered by the committee, due to the inability of the jeweler to procure the necessary diamonds.

A black celluloid bid with white printing, enclosed in a red suede leather case with a gold A. I. T. monogram is the novel bid that has been selected.

Research Work Is Done Effectively Under New System of Organization

By Gordon A. Zwiastler
The engineering profession has always held a strange fascination for the majority of people all over the world. To those of us, however, who have been subjected to the grueling task of acquiring the knowledge in our respective fields, the science of engineering fails to fascinate us as much as it causes us to respect it. The romance and glitter generally coupled with engineering has, to the engineer himself, disappeared. The only place where this feeling remains is in the field of individual research. Very little is said here regarding this, and many students do not even realize that they are in the midst of quite an important set of experiments, ranging from the smallest to the largest problems occurring in the commercial industries.

Prior to the time when the Development Plan began to be seriously considered, all research work was carried on by the departments, each one concentrating on its particular problem. Now all research work has become an effective organized unit under the direction of Professor J. B. Finnegan. This eliminates all possibilities of duplication of endeavors and bridges gaps hitherto very conspicuous. Facilities in the past few years have been very limited, necessitating a change upon the scope of the work done. The new Armour Development Plan has definitely provided a department of research covering two main divisions: first, the work on the commercial products, and second, the

Making Plans for A.S.M.E. Meeting

The Armour Branch of the American Society of Mechanical Engineers will hold a business meeting next Friday, April 6, in the Electric Lecture room at 10:30 a. m. Mr. R. R. Leonard, midwest secretary of the A. S. M. E., will be present to help discuss plans for the coming convention of the engineering society in Chicago. Activities will center around the Allerton House on April 23 and 24. The two local chapters of the society, Armour and Lewis Institute, will be hosts.

The contest to find who Armour's official representative will be, is still open. The best fifteen minute paper on any subject pertaining to mechanical engineering will be the basis for this selection, and the paper will be read at the convention.

The papers on air conditioning, for the Charles T. Main awards, are due June 30, 1934. They should be typewritten and not less than two thousand words in length. Any one interested in further details should see Professor Peebles.

Engineer to Lecture to A.I.E.E. Members

Mr. A. E. Peterson, an engineer of the Common Edison Company, will address the members of the A. I. E. E. in Science hall at 10:30, Friday, April 6. The subject of the talk, "Long Line Transmission and Methods of Interconnection of Power Systems" will be supplemented by charts and slides.

Structural Plant to Be Visited by Civils

An inspection trip to the McClintock-Marshall Corporation, located on 84th Street and Stewart avenue, will be made tomorrow by juniors and sophomores in the civil department. Here the visitors will have an opportunity to see the complete operation in fabricating structural steel. The firm, which was already visited by the present senior civils, is the largest structural bridge plant in Chicago.

personal research of the professors made possible by endowments or under the direction of scientific institutions. This will be something akin to the type of organization in existence at Massachusetts Institute of Technology.

In the civil department, graduate students are endeavoring to determine the effect of reagents upon coagulation and precipitation in water of varying turbidities. Although there are no graduate students at work now in the science department, there is a great deal of work being carried on by the physics department. Professors Thompson, Colvert, and Wilcox are cooperating in the study of the dielectric properties of insulators, testing the qualities of commercial paints, and examining the physical properties of lubricating oils. Professors Thompson and McCormack are studying the radio-active content of ores. The field of radio finds itself in the foreground, being also under the consideration of the above named professors. Professor Thompson teaches a graduate course in electronics at night school where the different types of radio tubes are under survey.

The chemical department has the greatest number of graduate students at work. Under the direction of Professor McCormack some men are conducting researches on the organic derivatives of chlorobenzol, and some on the pyrolytic reactions of ammonium sulfate with metallic

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Junior Marshals Pick Assistants

With the choosing of six assistant Junior Marshals, plans for Junior Week are well under way. These assistants are J. H. De Boo, S. S. Granger, A. E. Lachukis, J. V. O'Connor, W. C. Peterson, and P. V. Smith, one man being picked from each department. The date decided for Junior Week, May 14 to 18, Marshals R. L. Friede, W. W. Henning, and T. P. Jones are supervising the plans, which await the approval of the deans. As in other years, new events will be added to the program. Several surprises are promised by the committee.

Modern Cars for Street Railways

What is undoubtedly the greatest single research project that has been undertaken by the transportation industry was described by its director, C. F. Hirschfeld, chief engineer of the Electric Railway Presidents' Conference Committee, before a joint meeting of the W. S. E. and the Chicago section of the A. I. E. E. last week in a talk entitled "Modernizing the Street Car."

Modern Cars Developed
The Presidents' Conference undertook, about four years ago, to develop a new type of car that could successfully compete with gasoline and trolley buses. After exhaustive tests and numerous investigations, they are prepared to design light weight cars mounted on resilient wheels and rubber cushioned trucks. These cars, which will be capable of rapid acceleration and deceleration, will be well ventilated, well lighted, and very quiet. Entirely new braking and electrical equipments have been designed. The talk was illustrated with numerous slides.

Street cars are by no means obsolete as a form of transportation, according to Mr. Hirschfeld, but the industry now owns some 22,000 electric railway cars which are more than 20 years old and which should be replaced immediately if the industry is to survive.

New Surface Lines Car Exhibited

Following Mr. Hirschfeld's talk Mr. Adams of the Chicago Surface Lines gave a short account of what his company has been doing along modernization lines. He stated that cars numbered 3322, 3329, 3341, 3342, and 7001 were equipped with many of the features developed by the committee.

After this short talk the meeting adjourned to a nearby street where the Chicago Surface Lines' new streamlined car, number 7001, was on exhibit for the occasion.

F. P. E. S. Smoker Set For Friday Evening

The annual smoker of the Fire Protection Engineering society is to be held next Friday evening, April 6, at the Phi Kappa Sigma fraternity house, 3236 S. Michigan avenue. Among those who are expected to be present are Mr. J. V. Parker, chairman of the scholarship committee, the various members of the engineering faculty, and several honorary members of the organization.

At the meeting, the sophomore fire protect who, at the end of his freshman year, possessed the highest scholastic average of his department and class will be presented a copy of the Crosby, Fiske, Foster "Handbook of Fire Protection Engineering" by C. A. Cunningham, president of Salamander, honorary fire protection engineering fraternity. This handbook award is made annually by Salamander.

Refreshments and entertainment in the form of bridge, pinocle, and perhaps poker will be enjoyed. A. J. Anderson, president of the F. P. E. S., extends a cordial invitation to all fire protect, especially freshmen and sophomores, to attend.

SPRING, SO FROSH GREEN SKYPIECES MAKE COMEBACK

It's An Old Armour Custom—Or Will Be Soon

ENFORCED BY COURT

Yesterday the custom that Armour freshmen wear green hats was resumed after having been suspended for the winter months. This custom was adopted when a public hall conducted by the Tech News last year showed that 92 per cent of the student body was in favor of establishing such a custom.

One year ago the News published the results to be derived from having a prevailing custom such as this, as creating "increased loyalty and interest which is fundamentally important and valuable to every institution of learning." After the ballot of last April decided that this custom be established, steps were taken to provide a place for the purchase of these hats. It was finally decided that these hats be sold for forty cents, and that they be ready for sale at the beginning of the new term (last September) in order that the incoming freshmen might begin wearing them soon after their arrival.

Enforcement Court Appointed

Early in November of last year it was found necessary to appoint a court for the purpose of defining this custom and enforcing its observance. A short time later the court humbly announced that the freshmen would not be required to wear their green hats for the remainder of the winter, due to the slight protection from the weather that the caps afforded.

Now that winter is past, the freshmen are again required to wear these green hats on the campus. The court has defined the campus as the area bounded by the north side of thirty-first street on the north, the south side of thirty-fifth street on the south, the east side of Michigan avenue on the east, and the west side of Wentworth avenue on the west.

Cite Other Rules

This court has also declared that the freshmen shall wear these hats from the first school day in April until the day of the Class Rush, when the hats may be discarded if and only if the freshmen win the Rush. Otherwise, the freshmen must wear the hats until the end of the year.

Perhaps the freshmen feel that they are being treated badly. If so, they are referred to the rules established by the sophomore class in 1906. Some of these rules were as follows: freshmen must stand when speaking to a sophomore, must greet a sophomore with reverence, must give up seat to a sophomore, must not use wash rooms, and must not smoke pipes.

Committee Working On Guide To Reading

In an attempt to make the next issue of the "Student's Guide to Good Reading" as largely as possible the work of students, the committee on College Reading of the National Council of Teachers of English has organized Student Editorial Committees in various colleges. Each committee will have the responsibility of editing one of the sections of the "Guide."

Armour, through Professor Hendricks, has agreed to take over the editing of the sections on Biography and on Science. Members of the class in Advanced Writing will form the committees.

Biography will be taken care of by G. F. Ground, F. Gallagher, B. Gragg, R. Johnson, J. Luce, and B. McMillan. The Science section will be edited by R. C. Colburn, R. Ketcher, A. Lane, G. Ormsby, and R. Peterson.