



By A. M. Zarem

WITH THE RETURN of spring it is only natural that a great many people will focus their attention on that great American sport—baseball. The vast majority, however, will be more interested in a different kind of nine man team—the Supreme Court of the United States.

EVER SINCE THE week of February 5 when President Roosevelt first raised the issue, the "Court Reorganization Plan" has made the front page in nearly every newspaper throughout the country. Innumerable articles have been written "pro" and "con" and the wonder is that not very much has been said. Every day the same accusations are hurled, and the same threats are repeated, and the same denials are made. In fact, it seems that both parties (those for—and those against) are so concerned with their quibbling that it is very difficult, if not impossible, to understand the situation by reading only the newspapers.

JUST WHAT IS it that seems to irk those who oppose the President's Plan? Is it really the threat of dictatorship that is causing all the furor? Only the extremely brave (or foolish) would attempt a "yes" or "no" answer. No one will deny that the point at issue revolves about whether or not the Executive is trying to gain control of the Supreme Court—but the "real" reason for all of the "rebellion" is that Mr. Roosevelt's proposal is entirely unconstitutional! Nowhere in our Constitution is there any statement which limits the number of Supreme Court justices.

ANOTHER ARGUMENT which deserves our consideration is the one which concerns itself with our system of "checks and balances". It is charged that President Roosevelt's plan is an attempt at a new way to amend the Constitution. But this argument fails by virtue of the fact that we do have a system of checks and balances. The President can check Congress with his veto power. Congress may check the President by over-riding his veto. (Do you recall the recent Bonus Bill?) The Supreme Court may check on both by declaring laws unconstitutional. *But even* (Continued on page four)

Musical Clubs Plan Concerts

Continuing their activity headed by the recent Goodman Theater concert, the Armour Musical clubs are planning several concerts and a trip this semester. A committee representing a commercial concern heard the performance February 25, and approved tentative arrangements for a radio program. The firm has programs booked for two months, so the clubs do not expect to appear until near the end of April.

Both orchestra and glee club are planning a concert to be held on Friday evening, March 19, at the Chicago Beach Hotel. They are to be the guests of a group of girls, and a dance will be held afterward. Several new numbers are being worked on, among which is "De Animals a' Comin'," a Yale glee club song.

It is hoped that proceeds from the semester's concerts will be sufficient to finance a trip to Detroit. If possible, plans will be made for a three-day trip by bus, with inspection of automobile plants included.

With continued regular attendance and interest in the new songs, the confidence of the clubs is increasing and performances are showing it. No financial report has been made to the club on the Goodman concert, but a sellout indicates a ledger still in the black.

Scholarship Test to Be Given on May 22

Ten full one-year scholarships to Armour Institute will be available to public and private high school graduates of 1937. The scholarships totaling \$3,000 will apply for the 1937-38 college year.

The awarding of the scholarships will be determined by a competitive examination, and the personality, scholastic record, extracurricular activities, and general fitness of the candidate. The examination will be written and consist of English, physics, chemistry, and mathematics. It will be held Saturday, May 22, 1937. All candidates must be interviewed in the Registrar's Office between March 1 and May 20.

Chapman to Play at Frosh Dance

With the selection of Jack Chapman's orchestra, plans are complete for the Green Cap Ball scheduled for April 2 at the Bal Tabarin of the Hotel Sherman.

Jack Chapman's versatile band is well known throughout the middle west for its arrangements and sophisticated harmonies. This orchestra has played in the leading hotels of Chicago, Milwaukee, Cincinnati, and the Twin Cities; and has been featured over both the Columbia and National Broadcasting networks.

Since the affair will not be a table dance, the entire room will be used for dancing. Recently, the new type of spring dance floor was installed in the Bal Tabarin, and spacious lounges surround the dance floor.

Bids for the dance will be placed on sale and as an added inducement one free bid will be given to every student selling seven bids.

Harper to Be Heard On Design by F.P.E.S.

Mr. Stirling H. Harper, instructor in architectural construction and head of the architectural department, will speak on the effect of fire protection on architectural design at the F.P.E.S. meeting next Friday at 10:30 in the physics lecture room.

The problem of the fire protection engineer is not only to reduce the probability of loss by fire by specifying certain features by the design of buildings, but he must consider whether his plans are feasible from the point of view of the construction engineer. In many cases the worth of certain fire protection equipment must be weighed against its ruinous effect on the architectural beauty of the building.

Chess Tourney Held to Find Club Champ

Members of the Chess Club are now engaged in a tournament to determine the club champion. Each member is to play three games with all other members, and the winner will be determined by the total number of games won and lost. Matches are played from 12:30 to 1 o'clock every day.

Men interested in chess are requested to join the club at once, as it is not too late to participate in the tournament. New members were helpful in gaining the club's victory last week over North Clark by the score of 10-0, and additional members will be welcomed in the hopes that they will further bolster the team.

Armour's chessmen will play a match with the University of Chicago Chess Club Friday, April 2nd, at the University. This match, along with a proposed trip in May to Cincinnati, Ohio, to meet the University of Cincinnati, will be the high point of the chess club's program for this semester.

Guild Considers Three-Act Play

Following the procedure of past semesters, the Armour players met yesterday to complete the final plans for the current production which will be presented in the near future. At the meeting, serious consideration was given to several plays, two of which were, "Winterset" and "Adding Machine." One of these two popular plays will be presented to the public as soon as arrangements regarding the time and place are definitely decided upon.

May Not Be Held in Mission

It is possible that the play will be presented at some place other than the assembly hall in Mission as has been done in the past. Seats will be reserved by an advance ticket sale and it is hoped that the Armour student body will help to make this event a successful one.

The play will be in three acts and will be presented sometime early in May as has been the custom for the semester plays.

Well Known Play

"Winterset" was highly regarded in the dramatic world both on the stage and the screen; it would offer an opportunity for the Players to show themselves as dramatic artists, if it is chosen. "Adding Machine", while of less renown, also offers much to both the action and the audience.

Carnegie Steel Will Give A.I.Ch.E. Program

Movies showing "The Story of Iron and Steel" will be presented at the next meeting of the A.I.Ch.E. next Friday morning in D Mission.

The program was arranged through the Carnegie Steel Corporation. A representative of the company will show the film and discuss the various scenes as they are shown. Among the topics to be presented by the motion picture will be the operation of a blast furnace, forging, drilling of steel, billeting, blooming mills, and drawing of wires.

Junior Marshals Will Be Elected

Head Marshal to Be Chosen from Six on Friday

Last Friday the class of '38 met in the Assembly Hall for the chief purpose of paving the way towards the election next Friday of a chief marshal who, with the aid of a representative marshal from each department, will officiate as greeter and organizer during Junior Week.

Hold Preliminary Election

W. J. Chelgren, class president, discussed a preliminary election plan whereby each of the six departments will convene at some convenient time during this week and will elect a marshal to represent each department during Junior Week. The chief marshal will then be elected by the class as a whole at a general election next Friday. The department from which the chief marshal is chosen will then be allowed to choose yet another representative so that there will be seven junior marshals in all. The following men will set the hour and have charge of the election in their departments: H. Heidman, electrical, J. Dunne, chemical, W. F. Schlax, civil, C. W. Dunbar, fire protection, and T. F. Cunningham, architecture.

To Give Truck Medals

As another issue of business, the motion was made and carried to appropriate funds with which to purchase medals for the eighteen juniors who secured points in the interclass track meet which was held in January.

'Location of Leaks' Heard by W.S.E. Friday

Mr. D. E. Downes, engineer in the employ of the city water works, will discuss a newly developed system for the location of underground leaks in water mains at the next meeting of the Western Society of Engineers, Friday, at 10:30. Mr. Downes is a graduate of Armour Institute.

Motion pictures will illustrate the details of the new system which is likely to effect an appreciable saving if substituted for the former procedure of laborious, street-destructive hunt and seek methods.

Math Members Hear Oldenburger, Zarem

Completing his lecture of the previous week, Dr. Rufus Oldenburger spoke at the meeting of the Math Club last Friday.

Dr. Oldenburger showed slides of various engineering schools in Europe and discussed the political effect on technical education. He pointed out that in 1929 the enrollment of the Berlin School of Engineering was 6,000 while at the present time it is only 2,000.

Following Dr. Oldenburger, Mark Dannis, president of the club, introduced A. M. Zarem, an Armour student, who gave a talk on short cuts in mathematical computations. Zarem gave illustrations in addition showing the principle of looking for combinations of tens, and analyzed various methods of subtraction. He also illustrated the method of quarter squares which is used for multiplication.

At the next meeting, to be held in two weeks, the subject will be "Advanced scales on the slide rule." Further discussions of more advanced methods of computation are planned for succeeding meetings.

Three Graduates Are at Naval Air Station

Three recent graduates of Armour, R. J. Pflum, C.E. '34, R. L. Friede, E.E. '35, and J. G. Waldman, M.E. '36, have been selected for flight training at Pensacola, Florida, in the U. S. Naval Reserve. Those chosen must be graduates of recognized universities or colleges, or have an equivalent education. The training consists of one month of preliminary flight training and eleven months of complete instruction in land and sea-planes.

The pay during the preliminary training amounts to fifty-four dollars per month plus one dollar per day for subsistence. After this period the cadet's pay is seventy-five dollars per month plus the one dollar per day for subsistence besides a \$10,000 insurance policy. After graduation his pay is increased to \$125 per month plus the insurance and subsistence pay.

Having completed the Pensacola course, aviation cadets are ordered to active duty, not to exceed three years, with one of the aircraft squadrons on the Pacific or Atlantic coast. At the conclusion of this period of active duty the cadet will be commissioned as an Ensign. Such a course of training and active duty gives an individual practical experience for the aviation industry.

Anyone interested who feels that he can pass the physical test and educational requirements is requested to see W. N. Setterberg, personnel officer, for further details.

Meet the 'Mailbox'

Next week the *Armour Tech News* will inaugurate a new semi-feature column, the "Mailbox." Quips and queries relating to school affairs will be answered. Even advice to the love-ly will be offered. Oil burning problems and riddles will be solved by a trained staff.

Place your queries in the *News* box above the drinking fountain in Main.

Ninth Annual Armour Tech Relay Carnival To Be Held March 20

June 11 Set for Seniors' Dance

A. G. Dreis, chairman of the senior dance committee, has been actively engaged in formulating tentative plans for the senior dinner dance to be held the day after graduation, June 11.

Although no definite place has been decided upon, all indications point to the swanky grand ballroom of the Medinah Athletic Club. In accordance with precedent, the bid will be gratis, the expense being assumed by the class treasury, except for those who will desire the optional dinner which will be approximately three dollars per couple. Due to this customary policy of depleting the senior treasury at the close of the school year, the affair will be open only to seniors.

In tune with the exclusive surroundings, music will be furnished by an, as yet undetermined band. The committee assures all Fred Astaires that their styles will not be hampered due to a lack of good music, as only the best bands will be considered by the committee.

Miner to Speak About Stokers

"Stokers" will be the subject of the speaker, S. M. Miner, M.E. '37, at the A.S.M.E. meeting to be held at 10:30 next Friday, March 12.

At the last meeting held in the Physics Lecture Room, Friday, March 5, A. M. Meyer, M.E. '37, and V. J. Jandasek, M.E. '37, were the speakers. Meyer had as his subject "Block System Control for Model Railroads." Describing the subject as a hobby and not the childish pastime as the name signifies, he stated that the principles of his subject could apply to prevent the recurrence of the recent disasters of the elevated trains. With the aid of the signals, he showed how it is possible to mechanically control the movements of several trains on a single track quickly and without the danger of collision.

Discusses Transmission

Jandasek's speech dealt with the research and development of a hydraulic transmission, which he is conducting for his senior year in experimental engineering laboratory. The transmission was first conceived in 1913, as a new type of clutch, and was later developed into a new method of transmission, in which the power of the engine is transmitted to the drive shaft by means of a liquid, thus eliminating the use of gears and the necessity of shifting gears.

Bulletin Soon Available

The A.S.M.E. Appointment Bulletin, distributed by the New York Office for the Chicago area, will be available at Prof. D. E. Roesch's office in the automotive laboratory.

Faculty Women Will Hear Professor Sear

"Features of Radio" will be the topics of the speech to be delivered tomorrow at the Faculty Women's Club meeting by Professor Arthur W. Sear. The speech will be illustrated by the use of apparatus which shows the different features which Professor Sear will point out.

The Faculty Women's Club is made up of the wives of the men of the faculty and meets every second Wednesday of each month. The meetings are called for 3 o'clock in Room D after which they adjourn to the Faculty Grill. Mrs. W. E. Hotchkiss, president of the club, is in charge of the club programs and calls a preliminary board meeting for 2:30 o'clock.

U. of C. Fieldhouse Again Selected For Event

Entries to the Armour Tech Relays are arriving daily at Professor John J. Schommer's desk as the date for the ninth annual carnival draws near. Saturday evening, March 20, at seven o'clock, the Armour Tech band will sound the beginning of the field events. The "Relays" will again be held at the University of Chicago fieldhouse.

Awards Purchased

So far, entries have been received from Northwestern University, Wisconsin University, Kansas State College, and Lawrence College. In past carnivals, about thirty colleges and six universities have entered teams. Three large cups for first, second, and third places and medals for the first, second, and third places in the individual competition have been secured.

Last year's relays were designated as the regional tryouts for the Olympic track and field teams to compete in the Olympic games in Germany. The sports classic of this year is expected to be the biggest and best staged by Armour. The Butler Relays will not conflict with the event as was the case last year.

Five Records Set Last Year

At the carnival last year, the crowd was set on edge as Haller of Wisconsin soared to 13 feet 6 3/4 inches, a new height for the Relays, in the pole vault; as Beckett of Marquette broke the record of Hornbostel of Indiana in the half mile run; as Heg of Northwestern chalked up a new 440-yard dash record; as Huntley of Illinois skinned the high hurdles; and as Michigan Normal's entry in the college one-mile relay outdistanced its opponents to lower the record time.

Tickets to the extravaganza of sport will be placed on sale soon. Students will be admitted by presentation of their athletic passes.

Soph Informal Sets New High In Attendance

Attracting about three hundred couples, the Sophomore Informal held last Friday night in the Oriental Room of the Knickerbocker Hotel, was adjudged a complete financial and social success by the sophomore social committee. The committee, headed by B. G. Anderson, social chairman, and consisting of I. M. Footlik, E. C. Mitchell, and W. A. Stuhler, had complete charge of arrangements.

Floor Not Crowded

The large number of couples were accommodated quite well by the Oriental Room; at no time during the evening was the floor excessively crowded. The beautiful balcony was provided with tables and chairs for the comfort of tired dancers.

Entertainment supplementing the splendid music provided by Tweet Hogan and his band was supplied by Dorothy Skelly, an attractive blues singer, and several singing members of the orchestra. On popular request, the orchestra played until 1:30 a. m.

This sophomore dance is, in fact, the largest dance which Armour has seen for years. Its success may be attributed in part to the good choice of site and orchestra, and in part to the opportune date which was selected, an informal dance not being held for several months previous.

Faculty Members Present

Among the members of the faculty present were Dean Heald, Professor Oldenburger, and Mr. Potter. A general invitation was extended to the faculty to attend the dance as guests. The poster contest, which yielded several striking posters, was won by J. J. Lopina, T. F. Cunningham, and G. S. Husmann. The prizes were two full bids and one half bid.