

# Penn State Collegian

Published semi-weekly during the college year by students of the Pennsylvania State College, in the interest of the Students, Faculty, Alumni and Friends of the College.

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FRIDAY, JANUARY 7, 1921

News editor this issue J. W. Sclover

### DID YOU SAVE FOR THAT PLEDGE?

The campaign conducted directly before the close of college for the Christmas recess for the relief of students in central Europe netted a sum total of \$2000 with approximately six hundred students participating. At that time it was asked that each student take it upon himself to give aid to the sufferers in foreign lands, making up the amount he pledged by foregoing some pleasure while at home during the holidays. As previously stated about one-fifth of the student body were courageous enough to take this matter upon their hands. Noteworthy among this number are two hundred girl students who participated. In other words, one-third of the number of students who pledged support were girls. Twenty members of the faculty gave four hundred dollars. Less than four hundred men students out of approximately twenty-eight hundred pledged themselves to provide on the average five dollars per man to this relief work.

Where are the other twenty-four hundred men students? Where do they classify themselves? Apparently they could not forego a single pleasure while at home. Evidently they could not find some means of obtaining a few dollars to aid some needy student in central Europe to combat the perils of a life which to him has become a horror because of the very lack of the essentials of life. While we students were enjoying the comforts of home, partaking of the joys of the yuletide season, men and women students in Europe were perishing daily for want of the very nutrients required to hold body and soul together. Any heart that failed to keep in touch with the agonies of men and women across the waters, during that period when the world rejoiced in the fact that there was at one time born Him Who is the Son of Man, lost the full significance of the Christmas spirit.

But the opportunity for aid still lies open. Those who pledged sums of money to aid these unfortunates may make good their pledges by paying the same this week end. Those who did not pledge themselves at the appointed time before the holidays may yet play a part in this great relief work. Let us fervently hope that out of the remaining four-fifths of the student body who have not been heard from in this matter, aid will be forthcoming. In a matter of this kind self-consideration is not the prime point. Service to others, especially in such a worthy cause as this is, makes for a demonstration of the highest type of Christian fraternalism.

### FIFTY MINUTE PERIODS

The general faculty of the college, in its December meeting, voted to return to the former schedule of classes and the conventional fifty minute period. This change was not made, as might be supposed, as a punishment upon the students for failing to make the best use possible of the extra hour granted for athletics, but for a very good educational reason. This college has always been placed among the very highest in the country on the fifty-minute class hour basis. To have remained all year at the temporary schedule observed last fall would have meant a loss of this highly desired position; in fact the college would have been seriously discredited among other educational institutions of the country.

That the general faculty believes an earlier closing hour to be the best for academic as well as athletic reasons is demonstrated by the fact that a special committee was appointed to look into the matter of devising, if possible, a plan whereby the college could go on a seven-period per day basis and thus close the day's work at four-thirty and permit of an hour for mass athletics.

However, to maintain the college's standing, this change has very wisely been made. The student body is always in sympathy with any movement to keep Penn State at a level with other educational institutions to enable them to obtain the best results possible in their course of study and so the fifty minute period is adjudged the best. Whether a seven-hour day, as proposed, will be feasible with the present student body and facilities, is a matter of concern. It is apparent that a curtailment of the length of the school day will be beneficial because it will permit of an hour each day for athletic purposes. Students manage to obtain sufficient exercise during the fall and spring months but during the winter season, they are unable to receive this aid to health and it is without question that the seven-hour school day will make this possible. The faculty is ever considerate of the students and the college in matters of this kind and its findings and decisions will be awaited with interest.

The Athletic Association is to be commended on the splendid football schedule arranged for the season of 1921. Each succeeding season finds Penn State playing athletic contests with institutions that have never before met in that sport, and each in its turn finds the athletic relationship between this institution and others raised to higher levels than ever attained before. The scheduling of a contest with Harvard marks the return to former relations between the two institutions. For the next three seasons the Naval Academy will be met. Georgia Tech is another new arrival. There is but one conclusion to be drawn from the appearances of these institutions on the gridiron schedule. Penn State is becoming recognized more and more throughout the country and her fame the past two years is but indicative of her success in years to come.

### FRATERNITIES RESUME CAGE GAMES TOMORROW

The Interfraternity basketball league resumes its schedule tomorrow afternoon after several weeks' intermission on account of the Christmas holidays. Considerable rivalry has developed among the Greek letter houses and the remainder of the schedule should see some lively competition.

- Saturday, Jan. 8
- 3:30 p. m. — Phi Kappa Alpha
  - 4:00 p. m. — Kappa Delta Theta
  - 4:30 p. m. — Alpha Tau Omega
  - 5:00 p. m. — Phi Kappa Sigma
- Tuesday, Jan. 11
- 7:30 p. m. — Phi Kappa
  - 7:45 p. m. — Phi Gamma Delta
  - 8:00 p. m. — Sigma Phi Epsilon
  - 8:15 p. m. — Phi Delta Theta
  - 8:30 p. m. — Theta Xi
- Wednesday, Jan. 12
- 8:30 p. m. — Sigma Pi
  - 8:45 p. m. — Delta Sigma Rho
  - 9:00 p. m. — Kappa Theta
  - 9:15 p. m. — Lambda Chi Alpha
  - 9:30 p. m. — Alpha Zeta
  - 9:45 p. m. — Delta Pi
  - 10:00 p. m. — Alpha Chi Rho
- Saturday, Jan. 15
- 3:30 p. m. — Tau Sigma Phi
  - 3:45 p. m. — Delta Sigma Phi
  - 4:00 p. m. — Delta Upsilon
  - 4:15 p. m. — Omega Epsilon
  - 4:30 p. m. — Phi Epsilon Pi
  - 4:45 p. m. — Sigma Chi
  - 5:00 p. m. — Aeneas

### PLAN TO FOLLOW-UP WILSON CAMPAIGN

The follow-up meeting of the J. Stitt Wilson campaign will be held Monday night in the Old Chapel at seven o'clock. Professor Dusham of the Zoology Department will be there to address the gathering and will talk on the scientific principles involved in support of Mr. Wilson's views. The noted reformer based his talks on scientific ideas and Professor Dusham will further explain the supporting theories in the realm of nature. After the discussion, the meeting will be given over to the formulation of plans for further enterprises throughout the various parts of the town and other matters of interest to all men who identified their support of Mr. Wilson in his recent meetings. During the

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### January Clearance Sale

**NOTHING RESERVED**

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ROBISON BLOCK

vacation period letters were mailed to those men who are especially expected to be present at the gathering on Monday night. The committee in charge of this work are busy making arrangements for the future meetings and feel that a big response will be given by the student body. The meeting in the Old Chapel Monday night is the start of the program.

### NEW YORK ALUMNI ENTERTAIN QUARTET

The Penn State Alumni Association of New York held a get together and dinner at the Machinery Club in New York in connection with the A. S. M. E. of that city so as to afford the alumni, faculty, and friends of the college, who were in attendance, an opportunity to meet in a social evening. Dinner was served to one hundred and twenty four members and guests.

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pioneers among New York newspapermen in the recognition accorded Penn State teams. He placed Wav on his All Eastern Football Team this fall. Bozok reviewed the football season just ended and discussed the 1921 schedule.

### PATRONIZE OUR ADVERTISERS

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**What Is Vacuum?**

**IF THE** traffic policeman did not hold up his hand and control the automobiles and wagons and people there would be collisions, confusion, and but little progress in any direction. His business is to direct.

The physicist who tries to obtain a vacuum that is nearly perfect has a problem somewhat like that of the traffic policeman. Air is composed of molecules—billions and billions of them flying about in all directions and often colliding. The physicist's pump is designed to make the molecules travel in one direction—out through the exhaust. The molecules are much too small to be seen even with a microscope, but the pump jogs them along and at least starts them in the right direction.

A perfect vacuum would be one in which there is not a single free molecule.

For over forty years scientists have been trying to pump and jog and herd more molecules out of vessels. There are still in the best vacuum obtainable more molecules per cubic centimeter than there are people in the world, in other words, about two billion. Whenever a new jogging device is invented, it becomes possible to eject a few million more molecules.

The Research Laboratories of the General Electric Company have spent years in trying to drive more and more molecules of air from containers. The chief purpose has been to study the effects obtained, as, for example, the boiling away of metals in a vacuum.

This investigation of high vacua had unexpected results. It became possible to make better X-ray tubes—better because the X-rays could be controlled; to make the electron tubes now so essential in long-range wireless communication more efficient and trustworthy; and to develop an entirely new type of incandescent lamp, one which is filled with a gas and which gives more light than any of the older lamps.

No one can foretell what will be the outcome of research in pure science. New knowledge, new ideas inevitably are gained. And sooner or later this new knowledge, these new ideas find a practical application. For this reason the primary purpose of the Research Laboratories of the General Electric Company is the broadening of human knowledge.

**General Electric Company**  
General Office Schenectady, N. Y.