

GOVERNMENT EXPERT TALKS ON RESEARCH

Mr. D. J. Price, Engineer in charge of the Development Work for the Bureau of Chemistry, Department of Agriculture, at Washington, delivered a very interesting lecture in Room 200, Engineering D, on Friday to the students of engineering, on the subject "A New Industrial Engineering Service". The address was very enlightening to all in attendance and the speaker revealed discoveries heretofore unknown to many. The speech was intended to convey the relation which engineering has assumed with research work in the government laboratories at the Capitol City and representative samples of the products were used to illustrate the subject. The research work, as Mr. Price outlined it, has been directed towards the utilization of waste farm products. A large number of processes have been discovered which must be commercialized and it is by the aid of the engineering profession that the chemists are to achieve this end. The two questions foremost in their minds are, first, "What does it cost?" and second, "What will it sell for?" These are to be answered by the engineer. When the process is found to be of value to the consumer the engineer will be needed to aid in the promotion of the discovery. If the cost figures and market values can be determined, the markets awaiting the products can readily be supplied. It is the intention of the department to put on the market at a fair price to the consumer and which would prove especially valuable to him. The question of commercializing the product must be decided by the engineer while the discovery of the product is the task of the chemist. Mr. Price had some splendid samples to show to what extent the department work had been carried. A bottle of soap which had been obtained from the sweet potato was shown and candy which was made with the product was given to those in attendance. There were also some samples of dehydrated vegetables and fruits such as, apples, stringless beans, carrots, spinach, corn, cabbage, peas and celery. A container of evaporated soup mixture and one of pumpkin flour were also included in the list of discoveries. New uses to which cobalt compounds are subjected were demonstrated and samples of adhesive and furfural, a liquid used in hardening rubber goods similar to vulcanizing records, were shown in order to inform the audience as to the uses for which waste materials are being utilized. The processes are making these products we also explained.

who substituted for Haines in the latter part of the game, making one. Wolfe's foul shooting percentage also raised as he shot five out of six tries. The final score stood 43 to 16 in Penn State's favor. The line-up was as follows: Penn State U. of Buffalo Wolfe forward Long Wislizen center Siegel Repplogle guard Leicht Killinger guard Goldenson Haines guard Goldenson Field goals Penn State—Wolfe 2, Repplogle 2, Killinger 6, Haines 3, and Koehler, Buffalo—Loner 3, Siegel and Goldenson. Foul goals Wolfe 7 out of 12, Cohen 4 out of 6, and Long 2 out of 3. Substitutions: Koehler for Haines, Haines for Killinger, Levin for Cohen, and Cohen for Leicht. Referee: Tinskeeper. Start time of halves, 20 minutes.

HARVARD VICTOR IN GLEE CLUB CONTEST

(continued from first page) found that Harvard had the highest number of votes, winning the cup for the third time. As their opening piece the Harvard club used a song that few people of the present age have even heard. It was one that was used way back in the seventeenth century and the fact that it was novel, contributed greatly to the scoring of the Harvard team. At the smoker which was given at the Delta Kappa Epsilon Club, after the concert, the Varsity Quartet sang exceptionally well. Here the glee clubs of the various competing colleges, Harvard, Princeton, Dartmouth, University of Pennsylvania, Amherst, Columbia, and New York University became better acquainted. Next year it is almost certain that some changes will be made in the manner in which the contest is run. Yale, Cornell and Syracuse are to be admitted to the competition and it is quite likely that the University Club of New York City will insist upon preliminary contests being held between members of the association located in the same section of the country. The winners of the preliminaries will then meet in Carnegie Hall, New York City, where the finals during the next four years will be held on the first day of March. Next year a new cup will be given to the winner of the contest.

WRESTLERS TRIUMPH OVER CORNELL TEAM

(Continued from first page) to Penn State a souvenir in the form of a beautifully blazoned eye which he accidentally received during his bout. One of the most intensely exciting bouts that has taken place on intercollegiate mats this season was the one in the 125 pound class, between Mowrer, of Penn State, and McBride, of Cornell. It will be remembered that the latter defeated Mowrer at the Intra-collegiate championships at Penn State last Saturday night, but only after a terrific battle. From start to finish, the men mixed it up fiercely, and during the course of the bout, "Tip" really won, lost and re-won the contest. For a time, he seemed to have

the best of the argument, but when the bout had progressed about seven minutes, he got into bad straits and it began to look as though he would be defeated. However, he "came back" strong, got on top of McBride, offset his time advantage and acquired enough margin of time to gain the decision. The defeat of Spangler by a decision in the 175 pound class caused keen disappointment in the Penn State ranks. In this bout Spangler met Wright, of Cornell. Spangler took his opponent to the mat with a chancier hold, which was broken by the referee so that the men could get back to the mats, which they had partly left. In resuming the bout, Wright got the advantage over Spangler, who was unable to break away until a time margin had been established to his discredit. He lost the bout by the narrow margin of twelve seconds. Penn State's second fall of the evening was achieved by "Tiny" Mahon over Hansen in the heavyweight class. In some respects the bout was sluggish and neither man put up a remarkable exhibition. MacMahon had a slight weight handicap over his opponent, Hansen weighing one hundred and eighty pounds. After eight minutes, and twenty-four seconds, MacMahon pinned Hansen's shoulders to the mat with a neck and body hold. Final score: Penn State 19; Cornell, 6. Referee, Thomas.

UNIVERSAL DAY OF PRAYER OBSERVED

Penn State took part in the Universal Day of Prayer for students last Sunday. Both the college preachers, Dr. C. G. Jordan, and Mr. R. Blanshard, who gave a talk in the Auditorium in the evening, devoted part of their time in speaking of the day and telling of the World's Student Christian Federation which is back of the movement. The ministers of the borough also gave part of their time in speaking from their pulpits about this organization and of the day of prayer. Over two hundred thousand students and professors of about sixty nations in all parts of the world observed Sunday in this way. Students of the globe are bound together by the World's Student Christian Federation. Geographical barriers and obstacles of language, race and religion have been overcome by the growing power of brotherhood. The potential leaders of the world are in this manner bound together. A real fellowship between the students of all of the nations is now a fact. This union, it is hoped, will be the forerunner of world peace. It is a most practical demonstration of the feasibility of a league of nations. Even Germany, Austria, Turkey and India are included in the Federation. Let us in carrying out its work, the body has

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BISON CITY CAGEMEN BOW TO VARSITY FIVE

(Continued from first page) Soon after the opening whistle, the Penn State scoring machine got into action and rumbled the ball to the opposing end of the floor, where Wolfe, Wilson and Killinger shot the successive goals. After this lead had been established, the Buffalo aggregation took the offensive. Long shooting the basket. This ended the Buffalo score as soon as it began, except for three fouls caged by Cohen. The Bison captain and running mate of Long, The Penn State score mounted steadily until the close of the half, Haines, Killinger and Wolfe contributing additional points until the 15 to 5 lead was made. Wolfe was somewhat off in his foul shooting in this period as he made two out of six chances. In the final half of the conflict, the New York quintet braced and made a more successful attempt at scoring. Long, Siegel, and Goldenson, each figuring in the tally, but in the face of the Nittany total, the attempt was useless. Every Blue and White man scored. Killinger making three tallies in this period, Wolfe and Repplogle caging two, and Wilson, Haines and Koehler

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The Letter Box

New York City, Feb 23, 1921. To the Editor of the COLLEGIAN: As a loyal alumnus of Penn State, I want to express in no uncertain terms my admiration for the performance of the Penn State Glee Club in the annual Intercollegiate Glee Club Concert, held here last night. In common with every other Penn State man who heard our boys sing, I was sorely disappointed when the judges failed to proclaim Penn State victor, and I speak on who kept his care for a comment, the decision was far from being in accord with the views of the audience, to many of whom it came as a very great surprise. Be that as it may, however, the distinctive, natural and unusually harmonious rendition of the prize song by the Penn State boys, was, in my mind above reproach, and deserving of a victor's laurels. Both Dean Robinson and the members of the Glee Club deserve unstinted praise. Sincerely yours, C. M. ARTHUR, '13

JUNIOR PROM PLANS PRACTICALLY COMPLETED

Although the Junior Prom will not be held until the eighth of April, plans for it have been almost completed by the committee in charge and all indications point to it being one of the most successful affairs of its kind ever given at this institution. The fact that no other activities will occur on the same evening insures a large gather-

ing and extensive preparations are being made to accommodate a record crowd. Booths will be provided in which all the couples may rest between the different dance numbers, played by Brown's Orchestra, and the floor of the Army will be waxed diligently to provide smooth dancing. The Army will likewise be decorated artistically with the College and Junior class colors and when thoroughly completed will present a most pleasing appearance. Arrangements have been made whereby the women students may attend the dance without it counting as a social function on their semester's record and at the same time they may remain at the Prom until its completion, which will probably be at one o'clock. The patronesses for the dance will be as follows: Miss Sparks, Mrs. Watta, Mrs. Stoddard, Mrs. Warnock, Miss Knight, Mrs. Moore, Mrs. Beards, Mrs. Fleming and Mrs. Sackett. The Junior Prom will be formal as in former years.

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