PROMINENT FARMERS TO COUNTY BOYS COMING HERE FOR CONFERENCE

President Thomas and Prominen "Y" Officials Will Address **Rural District Lads**

As the culmination of this year's ac-tivities in the movement for the devel-opment of teal leades among boys in rural districts, the First Annual Older Boys Conference of Cente County will meet at State College for three days, beginning on May twenty-sixth. Delo-gates, ranging from sixteen to twenty years in argor, will topresent every tom-munity in the 'county'. An interesting and unusand program has been plan-ned for the confusence President Thomas, Professor W. V. Dennis, Asso-clate Professor - G Rural Sociology of Penn State, and prominent Y. M. U. A officials from New York and Pennsyl-vania will be among the speakers at the meetings ation of this year's a

of mains from Now York and Poinsyl-vania will be among the speakers at the meetings
of the sime previously been at-sin over, differing from any utual data inge of rural communities "About. fifty with "the purpose of limits up Centre dations for the existent and state at the time units of the sime of the college and make recommen-dations for the existence of the sime of the sections of the site of the college and make recommen-dations for the existence of the sime of the sime of the sime of the college have particle and the sime of the college of the sime one of the interested visitors who will be present and the sime and the sone as the sime of the interested visitors who will be present at the time he was a student ber of the interested visitors who will and the an interest distors who will be present at the time he was a student be the interest distors who will and the an interest distors who will be present at the time he was a student ber the sime ind the size and the size of the interest distors who will be present the size of the size of the size of with the Assilicitual is being cher here. While in college he state of the of the interest distors who will previde the size of the size of the size of with the Assilicitual tain of the interest distors who will previde the size of with the Assilicitual tain of the interest distors who will previde the size of the size

LANCASTER CO. CLUB TO TELECT OFFICIES FOR YEAR

* LECT OFFICIES FOR YIAR * A special meeting of the Lancaster County Club will be held in Room 33: Void Main this evening for the purpose of electing officers for the coming year and to serve for the coning year president, O R Strittmatter, 23, se itary-and ress Agent, J R. Bossler 25 tary and Press Agent, J R. Bossler 25 * The spring seeding of the experime * The spring seeding of the experime * The spring seeding of the spring * The spring seeding of the experime * The spring seeding of the experime * The spring seeding of the spring * The spring seeding of the spring * The spring seeding of the experime * The spring seeding of the experime * The spring seeding of the experime * The spring seeding of the principal * The spring seeding of the spring * Th

PENN'STATE WAS FIRST

PENN'STATE WAS FIRST TO TEACH FLOUIS MILLING The Safe of logo courses for training nour milling engineers to be established of in America was organized at the Penngylvania State College a number of the kind in the castern part of the country. The course was established through the aid of millers of Penngyl-vania and mill muchiney men and builders, who contributed about \$12,000 worth of equipment, more than half of the machinery necessary to train men to manage flour milling plants The limited number of graduates from this Penn State course have always been in demand both in trade and in govern-ment service Milling schools established in recent

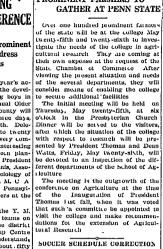
Mathematic book in the book of the second Milling schools established in recent years in two western agriculture col-leges have followed the lead established at the Pennsylvanh State College en-gineering school. Adequate state ap-propriations have caused these schools a to develop much faster than the one at Penn State. Milling has been recog-nized as a basis industry, ranking per-haps second only to agriculture in the importance of food products and their preparation for consumption

PENN'S NEW STADIUM IS

PERNOR NEW STADULM 15 NOW UNDEL CONSTRUCTION The Old Franklin Fleid stands which have witnessed many mighty battles are to be no more. The erection of a new stadum estalling the latest in Italian architecture and design will replace the old weathered, word; and warped boards of the nest. About thirty below scheme

All available space beneath the ner stands is to be used for athletics an obvoical education. In addition to tw stands is to be used for athletes an physical education. In addition to two enormous team rooms with lockers shower and drying rooms there will be diusted, at the gymnasium side of the north and south

GREAT 5¢



WHEREAS, we believe that Pen wanta is financially able to and mi bound in its observance of the for land and grant act to maintain as University, and WHEREAS, every_state, south wets of Pennsylvania maintains a University for the instruction of youth without paying tuiton, and WHELEAS, we to give State G has shown itself worthy of greater port and worthy of a chance to es and become still further useful it with the both the unreferences and the

the Sophomore coach. JOINSTOWN CLUB ELECTS OFFICIES FOR NEXT SLAR The Johnstown Club held its annual election of officers on Tuesday scon-ing when the following students vero-named to serve for the coning year. President, W R Auman, 23; vice-president, W R Auman, 23; vice-president, O R Siritimatter, 23, sec-teary-treasurer, E M Leonard, 23, club reporter, C S Simmons, 24.

TESFED BY PENN STATE

tal plots for soils research at Snows in Centre County, at Springfield Bradford County, and in Washing J. W. F White Holtman of the

Distant Control and the vision goal of the second s

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S. ANARGYROS.

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nest Turkish-None but the highest rgrade and personally se-lected Turkish tobaccos .usiused in MURAD. To enjoy (100% pure Turkish at ,its VERY BEST-to ;reach the PEAK of Cgarette Qual-ity-you have but ... - smoke MURAD-MURAD

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THE PENN STATE COLLEGIAN

sibilities for Agricultural De velopment Shown By Hon. Fred Rasmussen

al Husbandry ire interest of the Keyston Sirloin Club c prod was held

J. M. Thomas's plan State the State Uni-endorsed by the lead-of the State and is favor in larger and was demonstrated at iversity Club Wedn IIn sday, Ma

annual Sirioin Club banquet held in the University Club Wednesday, May third The newly organized Fenna)-vania Hereford Breeders' Association joned with the students in making the affair extremely successful. Minay beef cattle feeders from over the state who were at the college to study the re-centiz completed steer feeding experi-menta, were also in attondance K G Balley of the senior class in-troduced a number of speakers promi-nent in the agricultural work Presi-dent John M. Thomas spoke of his im-pressiona: a, year at Penn State and gave, promise of great things for the college in the immediate future, prais-ing the Animal Husbandry Department for its successful research and instruc-tional work Mr. R R. Miller, repre-senting the American Hereford Breed-ers' Association told of the eastward movement of Agriculture, Honorable Fred.Rasmussen, aby covered the sub-fect of the possibilities of agricultural development in. Pennsylvania, pointing out hat ywa have spinered to be dis-Secretar, Fred. Rasmussen, ac., feet of the possibilities of agra-development in Pennsylvania, p wit that what have appeared to commit conditions, and rece Ject of the prime in Pennsylvania, pointing development in Pennsylvania, pointing out that what have appeared to be dir-couraging, economic conditions, have really, resulted in the rapid recognition of farm and livestock problems by law makers and consumers G H. Bedell, eastern editor (of the National Stock-man and Farmer and a former Penn State student, urged the undergradu-tates to enter college activities and thus better prepare thomselves as aervants of the Commonwealth and leaders in their respective communities

of the Commonwealth and leaders in their respective communities -Professor W. H Thomhave told what the one hundred and ninety-two grad uates in Animal Husbandry in the pas-ten years, are doing, and showed tha sixty-one per cent of them are engages in work in Pennsylvania With the ex-ception of a very few, all are follow ing livsubok or allied, work Dean B ng itystock or allied work Dean i.e. Wattis, expressed, his confidence he future livestock business and lented, ten medals to Freehimen Freo Year Agricultural students for iclency in the annual judging cont

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/ that Miss Tinkes an fishin werms wood-ent mix well so dont worry bo takin her out fishin except drown her Altra you glad I ill usted. Pansy old biossom, me bein so uwom an no 3-feared of home-made

instef, Fange hansom an not 4-fearen Lakes or nothin? Write quick, Im waitin JASPER DEAN SACKETT ATTLNDING

DEAN SACKLITH ATTINDING INPORTANT CONFERLINCES Dean R L Sacket, Hend of the School of Engineeing, is attending the annual conference of the American Wat-er Works in Philadolphia At the close of this conterence, Dean Sackett will ge to New York where he will attend a conference on chumical engineering

INTER-UNIT TERNIS CHART POSTED IN ATHLEZIC STORE The Inter-unit tennis churt has been posted in the window at the Co-op The units will play off their matches, post the results, and continue to their next rounds,

tounds, (TINSUS TAKEN OF CARS AT WASHINGTON UNIV. A census was itcently taken of the cans which are parked daily about the campus of Washington University It keems to proce conclusively that Wash-ington is not a ilch man's school, for Folds were by far the most numerous numbering sixty-three, with Buicks and Cheviolets a noor second and third On-by one Pierce-Arrow and two Cadillary represented the more expensive makes

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Jewelers

Nikola Tesla

acting on a stationary magnetic structure. Teihaps other, at that time, also knew these two-facts, but if so, apparently they knew them only as two isolated facts. Tesh considered them in combination and the result was the Tesha motor, or what is now known broadly as the "induction motor." These two facts, in combination, represent a fundamental concep-tion, and all of the many millions of horsepower of, induction motors in use today throughout the world, are based upon these two fundamentals. Naturally, Westinghouse, having, fought single handed to advance the alternating current system, was supremely interested in the new type of motor. What if the new motor did require

polyphase circuits, while all existing dents were single phase? What if it dilaters is lower frequency than any existing counter 'd circuits? These were merely details of the inture universal alternating system. The unportant thing was to obtain an ideally simple type of alternating current motor, which Tesla's inven-tionoffered. Tesla furnished the fundamental idea. He and his expection, much more his West

tionoffered. Tesls furnished the fundamentalidea. He and his associates, working for Mr. West-inghouse, proved that thoroughly operative induction motors could be built, provided suitable frequencies and phases were available. What matter if they did not produce an operative commercial system at the time? What matter if it needed the powerful analytical engineers of later date to bring the system to a truly plac-ticable stage—men with intimate constructive knowledge of magnetic circuits—men on intimate terms with reactive coefficients and other magnetic attributes totally unknown to Tesla, and his coattributes totally unknown to Tesla and his co-workers? In time the motor was made com-mercial, and it has been a tremendous factor in

mercial, and it has been a tremendous factor in revolutionizing the electrical industry. Probably no one electrical device has bad more high-power analytical and mathematical ability expended upon it than the induction motor. The practical result has been one of the samplest , and most effective types of power machinery in use today. Thus Tesla's fundamental idens and Westinghouse's foresight have led to an enormous advance in the world's development.

LNILKOIGE THE NAME of Nikola Tesla vill always be associated will the invention and earlier developments of the induction motor. In fact, at one time this type of apparatus was known almost exclusively as the "Tesla" motor. Tesla devised this motor back near the be-ginnings of the declarical business, when prac-tically everything was built by "cut and try" methods, and none of the accurate analytical proc-sesses of later days hald been developed. It may be said broadly that Tesla knew two fundamental facts—first, that if a magnet were moved across a sheet of conducting metal, it would tend to drag this metal along; and,—second, that the effects of such a moving magnet could be pro-duced by suitably disposed polyphase currents acting on a stationary magnetic structure.

Westinghouse

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STATE UNIVERSITY PLAN

demo..... the Kiwanis

Well-Known Club at York Pa Resolution Favoring Dr. Thomas's Plans

That President J. M. Tho or making Penn State the cersity is heartily endorsed h ng organizations of the St onstantly finding favor in arger quarters, was done

atty inding fa arger quarters, west a tocent meeting.of 1 of Joik, Pennsylvania, passed the following it WHEREAS, we believ Ho school system of Pen-compilete without a Stat. 'Is apox, and WHEREAS anta '

BRONZE STATUE FOR WOMEN

STUDENTS AT DAETMOUTH SIGN UP FOR SUMMER CAMP

SHONZE STATUE FOR WOMEN OF INTERCOLLEGIATE GAMES To the collage which scores the inter-st number of points in the I C. A. A. U. games at the Harvard Stadium on lay twenty-sixth and twenty-seventh s to be awarded a bronze reproduction if a Burghese gladiator California won the title last year and will have nuch opposition in defending the tro-hy on the last week-end of this nonth.

College men from Dartmuth and sur-rounding districts will be encamped at Camp Devon, Mass, during the month of August A four weeks course of in-tensive military training is being offernuth oncampe, ng the month ourse of in-offer ed by the pludes tran and clothe

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