

# Kentucky Alumnus

Volume X

LEXINGTON, KY., JANUARY, 1941

Number 2

## U.K. Men, Machines Aid National Defense

### Many Departments Assist Aid National Defense

With the nation keyed as it is to the work of national defense, it will be of particular interest to alumni of the University of Kentucky to know that their alma mater is serving its country efficiently and expeditiously, along these lines.

A brief survey of the many phases of national defense work on the University campus shows that many departments and colleges have placed their equipment and personnel at the service of the government, with many of them making outstanding contributions in the building for national defense.

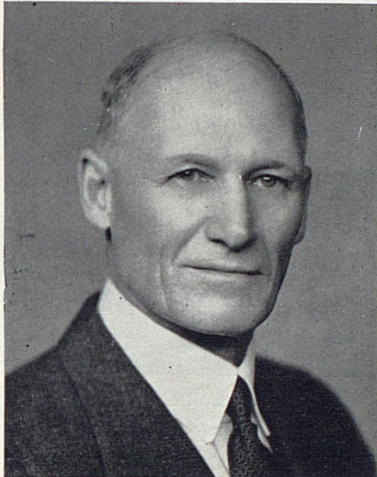
In the College of Engineering the department of Mining and Metallurgy is working on manganese and tin deposits in this region for the Navy. Outstanding in the College of Engineering's defense work is the Axel L. Wenner-Gren Aeronautical Research Laboratory, where aviation motor research will be done.

#### College of Agriculture

The College of Agriculture has created a nutrition committee which has reported on the facilities of the college and the contribution it may make to defense. The department of Home Economics is cooperating on both state and national nutrition programs. Interesting also is the work on the Salmonella center in accordance with the request of the Army Medical School, Army Medical Center, Washington, D. C.

The department of Agricultural Extension is looking after matters of nutrition in farm homes. The department of Agronomy is teaching farmers how to improve and conserve the soil and how to use it for maximum production when such production is called for. The department of Farm Economics and Rural Sociology is giving help in organizing and operating farms for greater effectiveness in providing materials for national defense. In the department of Markets and Rural Finance the staff is hard at work directing and speeding up present research to an analysis of basic data relating to agricultural prices and production in anticipation of possible increased demand

## President Cooper



for such information in the near future.

In agricultural extension a series of farm leader meetings in dark tobacco growing sections are being held to discuss the possible adjustment in farming to meet the difficult situation growing out of the loss of the foreign markets for dark tobacco.

One member of the Agricultural Engineering staff is a member of the state National Defense Advisory committee of the educational program that is being set up for youths from 17 to 21.

The University of Kentucky library is cooperating with the American Library Association in the preparation of a Guide to Library Facilities in National Defense. The department of Social Work will cooperate with the National Red Cross in offering a course to social workers of the state in April, regarding ways in which they may cooperate in the Red Cross home service program.

The Bureau of School Service of the College of Education is serving in a consultative capacity in assisting the State Department of Education and the school systems of central Kentucky in planning training programs for occupations essential in national defense. The director of this service is also a member of the state advisory committee on Education and National Defense. The department of Agriculture Education is assisting with the rural and non-rural youth de-

fense training program, and the department of Vocational Industrial Education has prepared a basic omnibus course which is to function in the training of instructors in technical national defense training classes.

These and numerous other defense measures, too numerous to list have been undertaken by the personnel of the University of Kentucky.

#### College of Engineering

The College of Engineering at the University of Kentucky has been preparing for national defense since the close of the first World War. For the last 20 or 21 years graduates of the College of Engineering have been engaged in preparing for this crisis by their constant efforts to build, to improve, and to find more efficient and more economical ways to make something better than before. They have been building and improving so as to prolong, safeguard, and add to the comforts of living.

National defense is a thing of the present. Preparedness must be immediate. Although there are a number of ways in which educational institutions may take their place in the general program, there are two concrete instances in which their talents may best be utilized. These are in the field of research and in the training of men for defense needs. In both the College of Engineering is cooperating with the Federal Government.

As to research, the Wenner-Gren Aeronautical Research Laboratory at the University has been constructed. Officials understand the fact that the national defense program calls for an expansion of the aircraft industry. But airplane plants have been pushed to the limits in production. These same officials also know that much research remains to be done in order to keep American aviation products of the highest quality and performance. This is one of the purposes of the Wenner-Gren laboratory. Research will be conducted on combustion, lubrication, cooling, and mechanisms by means of single cylinder engines. Other than this the laboratory will be used for teaching, training, and testing in and on the aircraft engine. Undergraduates will be taught the laboratory technique and procedure used in aircraft engine plants. Graduates wishing to specialize in this line will

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## U. K. Aids In Defense

(Continued From Page One)

be trained as observers and engine laboratory assistants. Full scale engines, large and small, will be intensively and extensively tested on the dynamometers, while endurance tests may be performed under propeller load. The Wenner-Gren laboratory is indeed an asset to the Federal Government for the part it is to play in national defense.

### Department of Mining Engineering

The College of Engineering is also proud of the research being carried on by its Department of Mining and Metallurgical Engineering. Due to the fact that the College has recently been completely equipped with modern laboratory apparatus which may be utilized in such research work, it has been asked by the Navy to systematically investigate the extent and probable value of the workable manganese and tin deposits of the United States.

Other than research, the College of Engineering is taking a part in the training of men for specific types of work through the medium of specialized short courses. The College has pledged all its laboratories and machine shops for the use of the Air Corps United States Army for the graduate training of mechanical engineers in aeronautics.

### Air Pilot Training

News that the University of Kentucky would receive federal aid for the training of air pilots was wired to Acting President Thomas P. Cooper, Tuesday, February 4, by



**SECRETARY McCLAIN**  
University Publicity Bureau

G. Lee McClain, Bardstown, Ky., prominent Kentuckian and alumnus of the University of Kentucky, was appointed alumni secretary of the state university at the January meeting of the executive committee of the general association.

Congressman Virgil Chapman. Congressman Chapman, an alumnus of the University in the Class of 1918, wired that he had been authorized by Grove Webster, director, Civilian Pilot training of the Civil Aeronautics Authority, to announce the fact that instructions had been sent to Chicago for the inclusion of the University of Kentucky in the spring program for civilian pilot training.

The names of more than 212 students on the campus were presented to President Cooper, indicating their desire to participate in this training.

### The College of Education

The College of Education is contributing to the Federal Program of Defense Preparation primarily through its Department of Vocational Education and its Bureau of School Service. Two of its faculty members, Prof. Maurice F. Seay, Director of the Bureau of School Service, and Miss Kitty Conroy, Sixth Grade Critic Teacher, are members of the State Advisory Committee on Education and Defense.

The local pre-employment training in woodworking, electricity, auto mechanics, and sheet metal work for out-of-school youth in rural communities and small towns in Kentucky is under the direction of the teachers of vocational agricul-

Mr. McClain, who served as adjutant general of Kentucky during the administration of Gov. A. B. Chandler, is past Commander of the American Legion, department of Kentucky, and a member of the Lions Club, the Pendennis Club of Louisville, and the Kentucky Education Association.

He is a member of the University of Kentucky chapter of Kappa Alpha social fraternity, and was a charter member of the University chapter of Alpha Delta Sigma, honorary advertising fraternity, while a student at the state university, from which he was graduated in 1919.

In the editorial columns of the Lexington Herald, Thomas R. Underwood commented on Mr. McClain's appointment as follows: "He is one of the state's leading citizens, who has never been willing to accept a political office except to try to do the necessary work well. This is evidenced by the fact that he resigned from what, at the time he relinquished it, was considered one of the choicest berths in the state."

"The University of Kentucky, however, has been the first interest of Lee McClain for many years," continues the editorial, "and he has given devoted service to its interests before legislatures and state officials in Frankfort without title or recompense."

The staff in agricultural education of the College of Education has held six district meetings in the State to explain the Defense Program to these agriculture teachers and to principals and superintendents. These staff members have also drawn and made out bills of materials for 40 new ship buildings; have planned the remodeling of many others; and have helped select the equipment.

The staff members in industrial education of the College of Education have directed in-service education for instructors of approximately 85 courses in Ashland, Fayette County, Kenton County, Louisville, Mayo State Vocational School, Owensboro Trade School, Paducah, and West Kentucky Vocational Training School for Negroes. Teaching materials and course outlines have been prepared for the teachers. These classes are to give adults specific training for jobs in defense industries, and to up-grade workers already employed in such industries. To date, 330 men have been placed in initial employment, and approximately 1,600 given training supplementary to their occupations.

Similar help has been given to teachers in the training program for NYA workers. Extension assistance has been given the State De-

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# Class Reunion Plan Offered

partment of Education in promoting the educational programs for defense.

The officials of the Bureau of School Service have served in a consultant capacity to the program of education and defense which is being sponsored by the school systems of central Kentucky and administered as a part of the Lafayette High School of Fayette County. This program provides training in trades essential to national defense.

The Department of Home Economics Education of the College of Education is preparing mimeographed materials to be used by teachers of home economics in the State in promoting the national defense program. It includes suggestions for promoting a better "live-at-home" program, namely, production and preservation of food in the home, good nutrition, health, and home care of the sick.

## THE DIX PLAN

The so-called "Dix Plan" of reunion was that of the late Edwin Asa Dix, an alumnus of Princeton University, and secretary of his class. His reflection was that where reunions are held at five-year intervals, which is perhaps usual in most colleges, the reunion classes never have the opportunity of meeting the men of other classes who were in college at the same time, but only those who preceded or followed them. Essentially the Dix Plan involves the idea of a joint reunion of four classes which were in college at the same time, at intervals of five years. Each time a different group of classes meets, so that during a cycle of four reunions any given class will have met with four groups of classes which correspond with the four college years. Thus, the first group would be the classes in college in its freshman year, at the next interval those in college in its sophomore year, and so on.

"The purpose of the Dix Plan is to bring back to alumni reunions those classes which were in college at the same time, and this will be accomplished in a cycle of four reunions. The plan is based upon the American traditional system of five-year reunions, but it takes varying number of years before each graduating class is 'in step' with the system, and when a class is 'in step' the cycle of reunions will come as follows: 5 years, 5 years, 5 years, 4 years, then repeat the same over again."

At the annual meeting of the Alumni Association of the University of Kentucky in June, 1940, it was made mandatory that the members of the Alumni Association be permitted to vote on the two plans for class reunion, that is, the Dix Plan and the Five-Year plan.

Over a period of years there has been a question in the minds of some of the alumni as to whether or not the five-year plan, which has been followed, is productive of the desired results. The two plans are explained on this page, a blank form is included in order that you may signify your choice and return it to the office of the secretary of the Alumni Association.

In order that the proper arrangements may be made for the class reunions at the June meeting commencement week, it will be necessary to return your selection to this office by Monday, March 3. Why not make our choice and sign our name right now so there will be no further delay?

## THE FIVE-YEAR PLAN

The Five-year plan provides reunions for classes as of "0" and "5", "1" and "6", "2" and "7", et cetera. It is the system used in a number of institutions, some of which in our correspondence with alumni offices have noted that the five-year plan allows for organization of class committees which can work as a unit. Many consider it an easier plan to remember and it is thought to be less expensive.

The tradition of class reunions has, according to all opinions collected by the Alumni Office, greatly influenced each year's meeting and it seems that the happiest arrangement would be for each "reuning" class to influence other alumni to return to the University in spite of the fact that it was not definitely their reunion year.

The number of alumni and how widely the membership is scattered, the loyalty of the individual to the University, rather than to a group of old friends, greatly influences the size of the "homecomers" registration list.

## BALLOT FOR REUNION PLAN

..... DIX PLAN

..... FIVE YEAR PLAN

Please indicate your choice by marking in the proper space. Return to Alumni Office, U.K.

Name ..... Class .....

(If married woman, give maiden name)

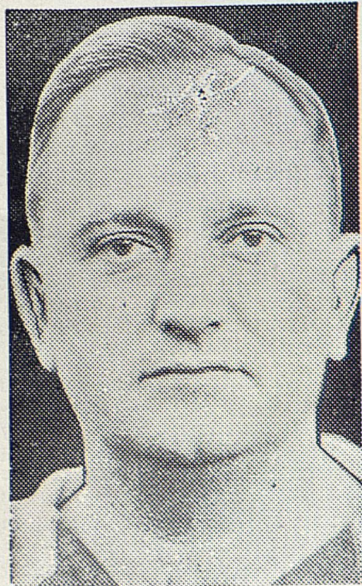
Residence Address .....

Business Address .....

(Check address preferred for alumni mailings)



# U. of K. Spring Sport Highlights



ADOLPH RUPP

## BASKETBALL

Braced by a preview of spring, most of the last semester sports squads at Kentucky are starting to hit on all cylinders. Spring football started on February 10, the harriers are on the cinderpaths, the tennis stars are getting their rackets out of the cases. "Daddy" Boles is almost ready to issue the call for his golfers, and the indoor fencing and swimming teams are going into their schedules. Still the most important objects in the eyes of Joe Sportsfan, however, are Adolph Rupp's basketeers, who, on the last lap of a somewhat erratic season, are beginning to point toward the annual Southeastern Conference tournament—to be held this year on February 27 and 28 and March 1 in Louisville.

A month ago anyone who would have given Kentucky better than a long shot chance to repeat their Southeastern Conference basketball victory of last year would have been termed slightly daft. The Wildcats were coming close; but they were winning all too infrequently. Now the worm has turned.

As the season draws to a close—only three more games are left on the schedule after February 10—Rupp's Rifles are beginning to roll. Their record to date is nine wins against seven losses. Only Tennessee has beaten them in the Conference, however.

## BASEBALL

Kentucky's baseball schedule just about proves that Mr. Doubleday's game is making its return as a collegiate sport.

The Wildcats, who last year played 12 games and ended the season with a .500 average, have already scheduled 17 games. They'll start practice under Coach Frank Moseley just as soon as spring football practice ends and the University workmen can do a repair job on the face of the Stoll Field diamond. As a matter of fact, some of the pitchers and catchers have already started to work out inside Alumni gym.

Following is the 1941 schedule, which, when dates are set for four games with Tennessee, will be complete: April 5—Illinois College, Lexington. April 11—Georgia Tech, Lexington. April 12—Georgia Tech, Lexington. April 18—Vanderbilt, Nashville. April 19—Vanderbilt, Nashville. April 21—Alabama, Tuscaloosa. April 22—Alabama, Tuscaloosa. May 6—U. of Cincinnati, Cincinnati. May 9—Vanderbilt, Lexington. May 10—Vanderbilt, Lexington. May 12—Ohio State, Columbus. May 13—Ohio State, Columbus. May 20—U. of Cincinnati, Lexington.

## SWIMMING

Interest in the swimming team continues to grow at UK despite the lack of an adequate place for the team to practice.

This year, faced with a difficult eight-meet schedule which opened on February 3 with Murray, the squad acquired the use of the YWCA pool twice a week, and with this innovation prospects seem good for an improvement over 1940's four win, four loss record.

Coach Jimmy Shropshire, '29, will have to count on a group of newcomers to form the bulk of his talent, for graduation last year took four of the men who had been keys in Kentucky's five consecutive state championships—Lloyd Ramsey, Bud Scott, Frank Roberts, and Eddie David.

He, however is far from displeased with the season outlook. Here is the schedule: Feb. 3—Murray, Murray. Feb. 12—Tennessee, at Knoxville. Feb. 14—Tusculum, at Knoxville. Feb. 15—Georgia Tech, in Atlanta. February 22—Michigan State at Eastern. Mar. 3—Berea, at Berea. Mar. 7—De Pauw, at Greencastle, Ind. Mar. 8—Loyola, at Chicago.



BERNIE SHIVELY

## FENCING

When Dr. Scott Breckinridge sounded the call to arms for his fencing team this year, he found almost all newcomers in the ranks. The entire first two teams had graduated.

As a result, the struggling swordsmen lost their first two matches, to Ohio State and the University of Cincinnati. But practice sessions continued, and with time and the coaching of "Doc" Breckinridge, the team began to improve. Now they are about to hit the come-back trail. Here is the remaining schedule: Feb. 7—Vanderbilt, at Nashville. Feb. 8—Georgia Tech, at Atlanta. Feb. 15—Charleston Fencers Club, Charleston, W. Va. Feb. 22—Vanderbilt, at Lexington. Mar. 1—Georgia Tech and Cincinnati at Lexington. Mar. 8—Charleston Fencers Club at Lexington. Mar. 15—Open. Mar. 21, 22—South Atlantic Intercollegiate Tournament, Williamsburg, Va., Mar. 29—National Collegiate Athletic Association, Columbus, Ohio.