

H. W. Barlow To Head New Engineering Department

Howard W. Barlow, one of the nation's outstanding aeronautical engineers and consultant for aircraft manufacturers, has accepted a position as head of the Department of Aeronautical Engineering of Texas A. & M. College, it was announced today by Dean Gibb Gilchrist, head of the School of Engineering.

Approximately 700 students including 400 freshmen, have signified their intention of studying aeronautical engineering at A. & M. this year, Dean Gilchrist announced, and Mr. Barlow is now getting the various courses under way. Students may enter A. & M. until October 3.

The aeronautical engineering curriculum will include courses in every phase of aviation from ground school to theory of flying and from aerodynamics to airport construction and management methods. Freshmen beginning the course will pursue largely the mechanical engineering curriculum, specializing in the third and fourth years to qualify for the degree of bachelor of science in aeronautical engineering. A fifth year course will earn for them the degree of bachelor of aeronautical engineering. Graduate engineers in other branches may return to A. & M. for intensive specialization in aeronautical engineering to qualify themselves for designation as junior aeronautical engineers.

The aeronautical engineering curriculum will feature such subjects as airport design, airplane design, airways management and accounting, advanced aeronautical design, aerodynamics and airways traffic management and radio communication.

RECEIVED B. S. AT PURDUE

Mr. Barlow's interest in aviation has taken him through many years of study and practical experience. He received his degree of bachelor of science in mechanical engineering at Purdue University in 1927, master of science in aeronautical engineering at University of Minnesota in 1934 and is now a candidate for the degree of doctor of engineering science.

From 1927 to 1930 he served as staff engineer for the Glenn L. Martin Company at Baltimore; in 1930 was staff engineer for the consulting firm of Gazley and La-Sha, Inc., at Washington and in 1931 was president of National Aircraft Engineers, Inc., a consult-

ing firm in Washington. Since 1936 Mr. Barlow has been consultant for various aircraft manufacturers including Porterfield Aircraft & Engineering Corp., Col. Roscoe Turner, Argonaut Aircraft Corp., White Aircraft Corp., Milwaukee Parts Corporation and others. In 1937 and 1938 he was a member of the timing staff of the National Air Races.

A busy man in the aircraft industry Mr. Barlow has found time to teach elementary aerodynamics at the National School of Aeronautical Engineering, was instructor, assistant professor and acting head and later associate professor in charge of CAA program of the University of Minnesota department of aeronautical engineering. He is author of a number of aviation articles and laboratory manuals and has done research in airplane design, aircraft structures, aircraft structural materials and airways meteorology.

Mr. Barlow holds memberships in the Institute of Aeronautical Sciences, Royal Aeronautical Society, American Meteorological Society, Tau Beta Pi, Scabbard and Blade, National Aeronautics Association and is listed in America's Young Men, Who's Who in Engineering and Who's Who in American Education.

\$360,000 AIRPORT IN SETUP

The complete aviation setup of the Texas A. & M. College which now includes a proposed \$360,000 airport, the first part of which is now established. Civilian Aeronautics Authority basic and advanced flight training, an application for a Reserve Air Corps unit and the aeronautical engineering curriculum is the result of months of effort on the part of Dean Gilchrist to gear the A. & M. School of Engineering to fit into plans for complete national defense and the educational needs of engineering students.

Recently the department of chemical engineering has been segregated and a stronger curriculum installed; and another phase of engineering has been covered by appointment of Julson Neff to head the new department of industrial engineering.

Of the approximately 6500 students at A. & M. College for the 1940-41 session, half of them are in the various branches of the School of Engineering, Dean Gilchrist announced.

Aggieland Band To Play Tonight At First Corps Dance of Year

Today after the game, starting at 9 p. m. in the annex of the old mess hall, the Aggie Orchestra will begin its annual swing and sway session for the 1940-41 season.

This year brings many new personalities to the band to replace last year's graduating members. This year the band's new maestro is Ed Minnock. Ed hails from Galena Park and is playing his last year with the band. Ed's brilliant sax work entitles him to the first chair sax in the band. His interesting clarinet choruses and "ad lib" sax work will be featured much more this year. Ed has played in

Houston with many of the ranking musicians of that city, and has also been a member of the Aggie Band for four years. From all of this credit he is really deserving of the position of director. And incidentally to all you uneducated people who don't know, Ed is the ranking grade point man of the Mechanical Engineering Department, which really deserves a hand from all you guys who know the hard spots in M. E. as well as managing and directing a dance band.

In the brass section we find old faithful, Henry "Botsie" Baushausen who for the past six years

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Eight High School Bands To Play For A & M-A & I Game

Unusual color will be in store for the Aggies this afternoon when eight high school bands perform at the half. With the prancing drum majorettes and the flashy uniforms of the bands, plus the Aggie music furnished by A. & M.'s 216-piece band the show should be well received and will add extra color over previous opening games. According to an estimate of E. W. Hooker, Secretary of the Athletic Council, the largest opening game crowd in A. & M.'s history will be out this afternoon.

The visiting bands from Calvert, Caldwell, Hearne, Navasota, Marlin, Madisonville, Hemstead, and Bryan will spell out TEXAS A. & M. and them the "M" will drop into an "I" for Texas A. & I. This will be the first time all the the schools have had a chance to practice together. At a meeting of the representatives of the bands Tuesday night it was decided to play two selections while on the field.

Because of the short length of practice time it has been the custom for the A. & M. band not to march at the opening game each year. Pete Wehner, Band Major, and Pat Ledbetter, Drum Major, have been selected to lead and direct the visiting bands.

Yell Stand Plan Put Before Pres Walton

Another step toward the completion of the project for a new yell stand was made yesterday by the yell staff, when it presented its plans to President Walton for approval.

Head yell leader "Buster" Keeton announced that as soon as the plan is approved, construction of a temporary stand on the east side of Guion Hall facing Colonel Moore's former home will begin. If it will be possible to use the stand which is used at Commencement time the project will be completed before the Tulsa game next week.

The new yell stand will replace the Y steps traditionally, and it will be in a much more convenient location for both sides of the campus. The new location also affords the use of the flood light and public address system from Guion Hall.

Many members of the senior class have expressed their desire to contribute to the financial end of the campaign for a permanent structure next year.

Providing that the president's office does approve the plan, the College Athletic Council has pledged its support and assistance.

250 Senior Ring Orders Placed for October 1

October 1 senior ring orders total 250 according to Mrs. Bowers of the registrar's office.

The total number of rings ordered at this time is 363. Orders will continue to go off throughout the year on the first and fifteen of each month.

Last year at this time the total ring orders totaled 250.

Serge Slacks To Be Worn Until Spring

At the Organization Commanders Meeting Thursday night it was found necessary to alter the khaki uniform ruling made by the senior class. Due to the fact that there is a scarcity of supply of khaki slacks at the business houses in college and in Bryan, it would be practically impossible for the members of the corps to obtain the two or three pairs of slacks necessary to comply with the ruling within a reasonably short while. The Commandant is concerned with getting the corps in uniform dress at meal formations within a short while whether it be khaki or wool, and in order to meet the situation that exists, it was decided at the meeting to make wool uniform regulation for all meal formations this fall. This decision was reached because of the fact that it would be a matter of probably two weeks before the students could obtain their necessary number of slacks, and in a short while wool would be required at drill and meal formations due to cold weather.

Next spring when the weather permits, khaki for drill and meal formations will be required, as the ruling of the senior class voted that it should be.

By this arrangement, the business houses will be able to make available any amount of slacks required and the members of the corps will have ample opportunity to buy the khaki slacks for spring wear. It also solves the problem of having the corps in uniform dress for meal formations, which was a difficult matter in complying with the original ruling.

The regulation on the khaki uniform, as it now stands, is that khaki is optional for wear during the day, and required only for drill. Only wool slacks are regulation for meal formations, at athletic events, in Bryan, and while highwaying to or from college.

Organization Of Fish Discussion Groups Started

The first steps toward organizing the freshman discussion groups for this year has just been taken by a committee of YMCA cabinet members under the chairmanship of Tom Power. Letters were placed in each organization commander's box asking for his suggestions, and whom he would select to talk to his freshmen.

In past years these discussion groups have been helpful to the freshmen in getting themselves oriented to Aggie college life and helping with their problems. Plans are that the freshmen in each organization shall have a meeting one night a week for six weeks to discuss with the speaker and selected topics.

Organization commanders are requested to select their own speakers and the night most suitable for their meeting and turn the letter in to the Y. M. C. A.

Board Votes To Build Six New Dormitories

Questionnaires To Be Sent Out By Placement Bureau

The A. & M. Ex-Students Placement Bureau is again following the policy they started last year of making personnel records of all graduating seniors. Approximately 1000 blank questionnaires will be sent out to members of the senior class within the next three weeks to be filled out and returned to the placement office. These records will be studied and then made into personnel booklets to be used by graduating seniors as a leaflet of introduction to prospective employers next spring. The placement bureau and personnel booklets were met with eager approval last year with more than 95% of the senior class subscribing for the booklets.

It is suggested by the placement bureau that all seniors have their Longhorn pictures made so that these pictures may be used on the personnel record. The placement bureau here is something new in southwestern college circles as a means of placing graduating seniors with business concerns after graduation. The A. & M. placement bureau works in cooperation with the various other departments of the college in facilitating the hiring of graduates.

Cravens and Reed Added To Agricultural Eco Department

The appointments of Dr. M. Eugene Cravens as an assistant professor and Mr. A. Doyle Reed as an instructor in the department of Agricultural Economics has been announced by J. Wheeler Barger, head of the department.

Dr. Cravens is a native of Kentucky and was graduated with distinction from Kentucky University. He completed his work for a doctor's degree at Cornell University. He also served for five years as an assistant in research and teaching in that institution. He is in charge here of the courses in farm management and farm records.

Mr. Reed received his bachelor and master degrees at Kansas State College. He was also engaged as research and teaching assistant for two years, during which time he had published three bulletins concerning taxation, tenancy, and recent trends of agriculture in Kansas.

Olsen To Lecture Here Wednesday, October 7

A lecture on marketing by Oscar W. Olsen will be given on Wednesday, October 7 at 11 a. m. under the auspices of the Department of Agricultural Economics, according to J. Wheeler Barger, head of the department.

The lecture will be open to students majoring in any department in the college.

ASAE To Hold First Meeting Monday Night

The initial meeting of the year of the A. & M. student chapter of the A. S. A. E. will take place after yell practice Monday night, September 30, in the Agricultural Engineering lecture room. A cordial invitation to attend this meeting has been extended to all students taking Ag. Engineering, especially freshmen and sophomores.

The local chapter is affiliated with the National Parent Society whose offices are in St. Joseph, Michigan. The national society was founded in 1907 and has expanded to a country-wide membership of 1,500.

The local society sponsors many lectures throughout the year by leading American agriculture men. One of its principle activities is the dance it presents each spring in the form of a barnyard frolic. A. & M. has one of the largest student branches in the country, and it is believed that the local membership will exceed one hundred this year.

F. W. Peikert is the faculty sponsor of the club. The officers are R. M. Magee, president; Lloyd Mayfield, vice president; J. C. Bloodworth, secretary-treasurer; and J. C. Cook, scribe.

Saddle & Sirloin Club To Hold Rodeo October 18

The Saddle and Sirloin Club will present their annual rodeo on Oct. 18, which is the Friday before the T. C. U. football game.

In a meeting this week the members of the club selected the various men to head the show. Graham Purcell was chosen as King of the Rodeo. R. T. Caperton and M. R. Callihan are to be dukes in the king's court. "Shorty" Fuller is director of the show, Johnny Hardin is advertising manager, Tommy Stewart is program manager, and Victor Loeffler is ticket manager. Students in charge of the various rodeo events are Jake Hess, calf roping; Travis Richardson, steer riding; W. L. Pendleton, bareback bronc riding. Jack Cleveland, Bill Hampton, and Bill Ward are in charge of building the pens and chutes, and Fred Dalby is the equipment manager.

Anyone interested in entering any of the above mentioned events should contact the man in charge of that particular event. Any freshman desiring to enter the contests must have two upperclassmen to vouch for his cowboy ability. This is being done to avoid any unnecessary accidents.

The Saddle and Sirloin Club is striving to make this rodeo one of the best ever. The rodeo is usually one of the highlights of the school year and should be even more so this year.

Site To Be Close To Assembly Hall

Pfeuffer and Other Halls To Be Used As Classrooms

With \$600,000 already promised by the Reconstruction Finance Corporation for four new dormitories, the Board of Directors voted to increase the loan application to \$900,000 and build six \$150,000 dormitories instead of four as planned. The new dormitories were located tentatively in the area adjacent to the College Hospital and the Assembly Hall. Two residences will be removed from the allocated site.

Record enrollment of approximately 6500 students at Texas A. & M. College today had resulted in swift action of the Board of Directors to take steps to alleviate problems presented by the overcrowding of housing facilities, shortage of classrooms and need for additional instructors.

ADDITIONAL EMPLOYEES

The Board approved employment of some twenty additional employees as instructors, graduate assistants and clerks to assist in handling the record enrollment. In addition to these new employees the college will employ six reserve army officers as instructors in military science and tactics to handle those students electing to take advanced military science, but who do not have Reserve Officers Training Corps contracts. It was believed that congress would grant additional R.O.T.C. funds at a forthcoming session, and the act of providing additional instructors was line with the policy of facilitating every phase of national defense at the College.

To alleviate classroom shortage it was decided to make use of several campus residences recently vacated for instruction purposes during the 1940-41 session. Pfeuffer Hall also will be used as classrooms. These buildings will be pressed into service as soon as possible.

The Board also purchased the residence on the campus occupied and owned for many years by the late Dean Charles Puryear. This building will be used as a ladies clubroom and restroom for campus visitors. The purchase price was \$500.

NEW GOVERNMENT OFFICE

Construction of a School of Agriculture office building to house government agencies headquartered at the College will be delayed pending approval of an enabling act by the State Legislature, it was announced. It is planned to locate this building at the north entrance to the campus across the street from the new U. S. post-office building.

The Board of Directors voted to accept for the College an oil portrait of W. B. Mitchell of Marfa, one of the foremost Hereford cattle raisers in the state. A group of friends and business associates will unveil the portrait in Dallas October 9 at the banquet of the Breeder-Feeder association. It probably will be even more so this year.

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As \$185,000 Worth of Construction Work Nears Completion

