

Civilian counselor hall assignments set

Residence hall assignment of six civilian student counselors for the 1971-72 school year have been announced by Dean of Students James P. Hannigan.

Counseling services for 20 halls, university-operated apartments and day students are provided by Don E. Williams, Richard L. Denham, Kirby D. Blevins, Robert L. Chapman, Jack D. Thomas and Malon Southerland.

Blevins, 26, of Eunice, N. M., has Schumacher, Walton, Hotard and Milner Halls. Denham, 35, was assigned Crocker, Davis-Gary, Moore and McInnis.

A former school superintendent, Chapman, 55, serves Moses Hall, university apartments and day students. Thomas, 36, has Henderson, Keithley, Hughes, Fowler and Legett Halls.

Law, Puryear, Hart and Mitch-

ell halls are the responsibility of Williams, 26. Southerland has B. E. White, Utay and half of Harrell Hall, in addition to some Corps of Cadets units. Williams will have Mitchell Hall for the fall semester only. It is expected to be razed next spring to make way for a new University Hospital.

"Our main purpose is to serve the student," Chapman explained. "It may take the form of personal problem assistance or discussing financial matters. In some instances, a student just may need someone to talk to."

Civilian counselors also assist the Housing Office.

The counselors, whose offices are located in lounges near the halls they serve, have a combined 63 years teaching and counseling experience. They are members of

professional organizations such as the American College Personnel Association and the American Personnel and Guidance Association, among others.

Three have the master's degree and the others are in graduate programs.

Blevins completed psychology and sociology studies at West Texas State in 1968. He came to A&M the following fall as assistant housing manager. Assigned as a counselor in 1969, he is doing graduate work in educational psychology. Blevins attended Eunice, N. M., schools.

Formerly of Hemphill and Nacogdoches, Chapman received degrees at Stephen F. Austin State in 1937 and 1955. He holds state teaching certificates, principal, superintendent and professional administrator. He was

superintendent of Hemphill schools 10 years and at Iola three before coming to A&M in 1968.

Denham served two years with the Navy before enrolling at New Mexico State at Las Cruces on a football scholarship. He graduated from Baylor in 1959 and received the master's in physical education and education in 1964. Denham taught and coached in Waco junior and senior high schools eight years. He chaired and taught physical education at Waco's Paul Quinn College before coming to A&M.

Thomas, working toward a Ph.D. in educational psychology at A&M, taught in Texas, Oklahoma and New York schools 11 years. The Hollis, Okla., native

studied music and education at Abilene Christian College, with the degrees awarded in 1958 and 1963.

A graduate of East Texas State with degrees in history-business administration and counseling and guidance, Williams taught two years at Bland. He has done work beyond the master's in educational psychology here and is member of the University Traffic Committee.

Southerland, 28, completed management studies here in 1965 and returned after two years Army service as civilian counselor in the Military Science Department. His numerous corps and civilian duties include chief sponsor of the Fish Drill Team.

Ag-exes save boater's life

Two 1967 graduates of Texas A&M University, both currently Air Force officers stationed at Maxwell Air Force Base, Ala., are credited with saving the life of a man involved in a boating accident.

Quick thinking by Capt. John H. Bonner of San Angelo and 1st Lt. Sammy W. Pearson of Calvert led to the dramatic rescue on the Coosa River in Alabama.

The two long-time friends witnessed two men thrown from another boat and saw the boat hit one of the victims. Pearson drove his boat to give aid when the pair noticed the runaway boat

was making a tight circle and was about to hit the second man.

Pearson headed his boat between the runaway boat and the victim in the water. Bonner was pulling the second man into Pearson's boat when the runaway boat hit at an angle which permitted Pearson to jump aboard and stop the engine.

The first victim hit by the boat died and his body was recovered two days later. Bonner and Pearson, however, organized other boaters in a search of the area for the first man.

Both Aggies were members of

Squadron 10 at Texas A&M, with Bonner serving as executive officer and Pearson a flight leader.

Bonner is a Squadron Officer School student at Maxwell and has permanent assignment at Mather Air Force Base, Calif., with the 3541st Navigator Training Squadron.

Pearson is simulation analyst at the Air Force Data Systems Center at Gunter Air Force Base.

Bonner's wife, Pamela, is the daughter of Mr. and Mrs. Jim Lindsey of College Station. Lindsey is director of information and publications at Texas A&M.

A&M admitted to AAUW

Texas A&M has been awarded corporate membership in the American Association of University Women, a national organization serving alumnae of more than 1,100 institutions of higher learning.

Mrs. John C. Calhoun, president of the Bryan-College Station Branch of AAUW and wife of Texas A&M's vice president for programs, said corporate membership provides a basis for

college and university participation in the formulation and adoption of AAUW policies in the field of higher education.

AAUW works with the 750 colleges and universities holding corporate membership in the association to improve educational opportunities and programs, with particular attention to the needs of women.

The association's objectives include supporting a \$6 million

fellowships endowment fund, influencing higher education legislation, promoting standards for women and serving college alumnae.

Mrs. Calhoun said two international fellows have studied at Texas A&M within the past five years under grants from the AAUW. They are Dr. Annette Chitzanidis of Greece and Jocelyn Tommerup of Australia.

Mist irrigation helps yields

Application of a mist spray can relieve water deficits in plants and boost yields up to 60 per cent, members of the American Society of Agricultural Engineers learned during their recent annual meeting at Washington State University.

The technique was described in a paper written by T. A. Howell, research associate; E. A. Hiler, associate professor of agricultural engineering; and C. H. M. Van Bavel, soil and crop sciences professor, all of Texas A&M.

Their experiment involved mist irrigation of southern peas grown in soil on which the surface was protected from moisture and only the plant received the spray. The engineers said they have "direct evidence that the plant water balance was effectively controlled by mist irrigation, and mist irrigation relieved internal water deficits, resulting in a large yield response of up to 60 per cent under conditions similar to those in normal fields."

The key to the benefits is the increase in water content of plant leaves, which lose water to the roots by transpiration, even when soil moisture is adequate.

"Although both leaf temperature and leaf water potential were affected simultaneously, we believe that the effects noted should be primarily attributed to reduction of the leaf water deficit, as the temperature effect was not large and the leaf temperatures were at all times close to values normally considered optimal for plant functions," the A&M researchers said.

The experiment was conducted in four sheltered plots, each covered on the surface with a plastic barrier that prevented evaporation losses.

"Since soil water evaporation would then be negligible, water depletion in the crop root zone could be attributed to transpiration, which was measured separately only after subtracting any downward percolation," they explained.

In Treatment 1, plants were mist-irrigated daily between 11 a. m. and 5 p. m. CDT. They were mist-irrigated in Treatment 2 from the time when average leaf temperature increased 2 degrees centigrade over Treatment 1 plants until 5 p. m.

In Treatment 3, mist irrigation began when 4-degree leaf temperature difference occurred and

was continued until 5 p. m. Plants received no mist in Treatment 4, the control plot, but were surface irrigated.

Treatment 2 produced the highest yield of dry peas—a 60 per cent jump in yield of freshly harvested pods as compared with the control plot. Treatment 1 produced a 10 per cent yield increase, while Treatment 2 had a 20 per cent rise.

Howell, Hiler and Van Bavel said in the paper that no previously known work on mist irrigation had documented the reaction of internal water deficit in plants to this technique.

"Agriculture may be unable to enjoy the luxury of an abundant supply of irrigation water in the future," they said. "Therefore, more efficient irrigation methods must be developed by agricultural engineers."

Baylor Med lowers tuition to \$100 for state residents

HOUSTON — Baylor College of Medicine, the state's only private medical school, will reduce tuition charged medical students who are Texas residents from \$700 to \$100 per quarter, L. F. McCollum, board chairman announced.

The rate reduction will become effective upon execution of a contract between the college and The Coordinating Board, Texas College and University System, after the beginning of the state's

fiscal year this September, probably in the second quarter of Baylor's 1971-72 academic year. It will not be retroactive.

The new tuition charge, approved at the board's annual meeting, is the same amount currently charged Texas residents by the state medical schools.

The tuition reduction for the 1971-72 academic year is made possible by a \$2.5 million appropriation from the 62nd session of the Texas Legislature.

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EDITOR DAVID S. MIDDLEBROOKE