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William Russell Awarded Geology Grant for 1961-62

The Board of Foreign Scholarships, U. S. Department of State, has announced the awarding of a grant to Prof. William L. Russell, professor of geology at Texas A&M.

The grant provides for Professor Russell to lecture during the 1961-62 school year in petroleum geology at Cairo University, Egypt.

"This is one of more than 500 grants given under the terms of the Fulbright Act for lecturing and advanced research abroad during the academic year 1961-62," Dr. J. M. Nance, head of the College's Department of History and Government, and campus Fulbright advisor, said today.

This award comes in "recognition of the leadership and outstanding research that Professor Russell has shown in the field of petroleum geology," Nance says. Born in New Haven, Conn., Professor Russell received his BA (1920), MS (1922), and Ph.D. (1927) in petroleum and structural geology from Yale University. He

has worked with numerous governmental and private concerns as a geologist, ranging from field work with the U. S. Geological Survey in New Mexico in 1920; a study of oil fields for the New York State Geological Survey, 1921-23; structure and mapping subsurface studies in eastern and western Kentucky, eastern Ohio, western Kansas, Tennessee, Michigan, South Africa and Oklahoma, to prospecting for uranium for the atomic bomb for the Canadian government in northern Canada in the summer of 1944.

His first full-time teaching was at the University of South Dakota as an assistant professor in 1924-25. In 1947 Professor Russell joined the staff of the Geology and Geophysics Department of Texas A&M, as an associate professor, rising to the rank of professor in 1951. He also serves as research geologist of the Texas Engineering Experiment Station.

Professor Russell has published more than 40 articles in professional journals in his field and two books, Principles of Petroleum Geology (1951) and Structural Geology for Petroleum Geologists (1955), both by McGraw-Hill Book Company.

Dr. John Graff To Assume Duties As Instruction Dean

Dr. John Graff Jr. has been named the dean of instruction at Texas A&M and will assume his duties on Aug. 1.

Graff was the former chairman of the Department of Mechanical Engineering at Southern Methodist University where he had worked since 1956.

Graff holds B.S. and M.S. degrees from A&M in mechanical engineering and a Ph.D. in mechanical engineering from Purdue. He has also attended Oak Ridge School of Reactor Technology.

He has taught engineering at A&M, Purdue, and at SMU where he became head of the department.

He also had five years of industrial experience including work at Convair and has published numerous articles in his related field.

Graff is a member of Sigma Tau, Pi Tau Sigma and Sigma Chi, American Men of Science and served as a navigator and radar operator in the U. S. Air Force.

Summer Cruises To Conduct Sesimic Studies

Cruise 61-H-12 departed from Galveston on July 12, the Department of Oceanography and Meteorology, Texas A&M, announced. Chief scientist will be John Antoine.

The objective will be to conduct a series of seismic refraction stations along three separate lines from the central to the northern Gulf involving the Hidalgo, the Department's vessel, that left from Galveston Bay on July 12 and the Taurie, a vessel leased for the period of this cruise, that left from New Orleans July 10.

Other scientific personnel on the cruise will be Oscar Chancey, Frank O'Hara, Dan Kelly, Worth Nowlin, Ed Vos, Hal Delaplaine, Moe Waters, Louis Andrus, Edwin Kelly and Billy Vannatta.



Problems

The mailman has been unusually busy at Texas A&M delivering more than 1200 letters of nomination to the Century Council. The college's board of directors selected 100 from the list at the board's regular meeting in Austin July 11. Seated at the desk and looking over some of the nominations is Robert L. Hunt, Jr., Century Study director, and standing is Dr. Wayne C. Hall, dean of graduate studies and general chairman of the group which will conduct an extensive self-study of the College and its programs.

A&M Receives \$100,000 Grant

Texas A&M has been granted \$100,000 by the National Science Foundation to be used in the construction of doctoral and post doctoral level laboratories in the school's new Plant Sciences Building, College President Earl Rudder has announced.

Dr. Wayne Hall, dean of graduate studies, said the laboratories will be used for basic research in the plant sciences.

A&M had previously received from the Department of Health, Education and Welfare a \$45,000 grant to supplement the fixed equipment and construction costs of plant pathology and physiology research laboratories.

Total cost of the new Plant Sciences Building, now under construction, is about \$2.3 million.

Departments in the botanical sciences category receiving the \$100,000 grant are botany (a division of the Biology Department) Horticulture, Plant Physiology and Pathology and Range and Forestry.

Dr. Hall said the funds will be used to aid in the construction of

the following facilities for the four departments:

Botany: Laboratories for research in morphology, microtechnique, cytology, nematology and mycology, post doctoral research laboratories, and a supply and preparation room.

Horticulture: Environmental laboratories, graduate research laboratory, and research preparation room.

Plant Physiology and Pathology: Infrared laboratory, physiology and pathology environmental laboratories, nematology research, radiochemical research, regulator and herbicide laboratory and growth room, mineral nutrition research laboratory, cotton pathology research laboratory, cotton physiology laboratory, graduate physiology laboratory, and media preparation room, and graduate pathology research laboratory.

Range and Forestry: Environmental laboratories; taxonomy, microtechnique and herbarium laboratories; soils research laboratory, and ecology research laboratory.

Board Names 100 To Century Council

Members Selected From 1200 Applicants

The Texas A&M System board of directors at its July 11 meeting in Austin selected 100 men and women from more than 1200 nominations to serve on the College's Century Council.

The board considered each nominee individually. It made every effort to see that all geographic areas of the state are represented, as well as a good cross section of the various vocations such as business, agriculture, science, education and the legal and medical professions, etc.

Robert L. Hunt Jr., director of the Century Study, this week said the caliber of the nominees was unusually high. "The board had a difficult task in selecting only 100 from this group," Hunt said. Response to nominations has been good, he explained, with an average of 20 a day being received during a 2-month period.

Wide Acceptance

"This large number, to me, indicates a wide acceptance by Texans of the idea that careful planning for higher education will help to meet the critical challenges Texans will face during the next 15 years," Hunt said.

The Century Council will spearhead an extensive search of the century to determine (1) what kind of citizen shall the College aspire to graduate during the next 15 years, (2) what shall be the mission of the College and its components in tomorrow's world, (3) to what levels of academic excellence, scholarship and professional preparation shall the faculty and staff aspire and (4) what shall be the scope and size of the College by its 100th anniversary in 1976?

Those selected to serve on the Century Council will be named Aug. 1, with the first executive meeting of the Council to be held in early September, followed by a general meeting Sept. 20-21.

Concurrently with the Century Council study effort will be an internal evaluation of the College and its programs under the general guidance of Dr. Wayne C. Hall, dean of graduate studies.

Work of the two groups will be completed by September 1962, and presented to the board of directors in the form of recommendations which the board can use to blueprint the progress of the College.

89 High School Grads Awarded Scholarships

Eighty-nine high school graduates have been named winners of four-year Opportunity Award Scholarships at Texas A&M, it was announced today by Dr. G. M. Watkins, director of agricultural instruction at the College. Dr. Watkins is chairman of the Faculty Committee on Scholarships.

An additional 17 students have been listed to receive other scholarships.

Winners of the Opportunity Awards were chosen by the Faculty Committee on Scholarships of the College following statewide competitive examinations given to more than 600 candidates on Apr. 29 and May 6.

Opportunity Awards are valued at from \$800 to \$1,200, recipients receiving \$200 to \$300 a year for four years plus part-time employment provided by the College. Winners are chosen after consideration of each candidate's scholastic record, character, evidence of leadership in high school and financial circumstances.

The plan was started at Texas A&M 15 years ago and is supported by The Association of Former Students of the College, clubs, business corporations, foundations and individuals.

Turn-in Those Mattress Covers! Before You Leave

Any student who will not register for a dormitory room the second six weeks of summer school including graduating seniors must turn in his mattress cover before the end of the first summer term. Covers will be turned in to the B & CU warehouse at once. Turn-in should be completed by July 14. Students failing to turn in covers will be charged for same.

'Bunch Disease' Discussed At Annual Pecan Meeting

A relatively new virus disease of pecan trees, if it keeps spreading, may become a limiting factor in a major portion of the South's pecan production areas.

Known as "bunch disease" because of the way it causes leaves to bunch together, the ailment was discussed at the 40th annual Texas Pecan Growers Association meeting July 11-12 at Texas A&M.

John R. Cole, pathologist at the U. S. Department of Agriculture Pecan Laboratory, Albany, Ga., said the disease is now serious in Texas, Louisiana, Oklahoma, Arkansas and Mississippi. All pecan varieties appear to be susceptible.

The pathologist, who first described the condition in 1937, said the disease starts by attacking the leaves and then current growth of wood. It gradually works its way into the heavier wood and eventually kills the tree.

There is no known control, Cole said. Insects are suspected as the virus carriers. The only treatment so far is to remove affected limbs, or destroy the whole tree.

The speaker also said the best control for pecan tree scab is dodine (Cyprex) applied as a spray at the rate of a half-pound to 100 gallons of water in three applications during the middle of the season. Dodine is not toxic to any variety except Moore and Van Deman.

If scab is found on new foliage or nuts, increase the strength of the spray to 1 pound to 100 gal-

lons of water, he recommended. Dodine also will control brown leaf spot, leaf blotch and downy spot.

When Moore and Van Deman varieties are scab-infested, Cole said control can be obtained with six applications of zineb at 2 pounds to 100 gallons of water, plus 1 quart of summer oil emulsion.

The pecan growers honored L. D. Romberg of Brownwood, USDA associate horticulturist "for his devoted service to the pecan industry and the development of new and promising pecan varieties." He has been with the USDA for 30 years.

Romberg, vice president of the TPGA, was presented a plaque in behalf of the association by Fred Brison, head of the A&M Department of Horticulture.

W. S. Price Jr. of Kerens told the group that the widespread building of dams strictly for water conservation is posing a serious threat to the Texas pecan business by flooding rich bottomlands where trees do their best.

Citing the Columbus dam project on the Colorado River, he said the dam, if built, would cause water to cover about 8,000 acres of actual pecan land. Around the lake would be another 5,000 acres which would be unfit for pecans because of soil waterlogging. Still another 3,000 acres, which could be planted to pecans, would be affected one way or another by the lake.

The total is approximately 16,000 acres, Price said. In 1959, this area sold 1,250,000 pounds of pecans worth about \$480,000.

Increased pecan production is needed to establish a more stable market, C. L. Smith, physiologist at the U. S. Pecan Field Station, Shreveport, La., said.

The scientist called for a 28 percent increase in production within the next 15 years and a 105 percent boost within the next 50 years. High production, so far, has come mostly from increased acreage, when the actual need is to raise yield per tree and per acre.

Smith said output per tree per year in Texas is a little less than 20 pounds.

"Producers should give their trees the same intensive care they give to other important cash crops," he said.

In other conference activities, plaques were handed out to winners of the 1960 Texas State Pecan Show. Miss Donna Pugh of Eastland was crowned State Pecan Queen for 1961.

A&M speakers included Dr. G. M. Watkins, director of agricultural instruction; Dr. Benton Storey, Horticulture Department and TPGA secretary-treasurer; Blueford Hancock, Extension Service horticulturist; and D. R. King, Entomology Department.

The conference was addressed by J. M. Doerfler of Seguin, TPGA president. H. C. Pape, also of Seguin, conducted a memorial service.

Peace Corps Talks To Be Held Friday In Student Center

The new much discussed Peace Corps will be explained in detail at an open student meeting in the Social Room of the Memorial Student Center, Friday, July 14 at 2 p.m. Ed Ginsburg from the Peace Corps Office in Washington will explain the Corps and answer questions raised by the students.

All students and faculty members who think they might be remotely interested are invited to attend. A limited number of private conferences with Mr. Ginsburg can be arranged after the 2 p.m. Conference. Since all final examinations will be over by 2 p.m., all local as well as many interested non-local students as possible are urged to attend.

President Earl Rudder has asked Daniel Russell, Professor of Rural Sociology, to be contact person for the Peace Corps on the campus, and Dr. Jack Gray contact man for the A&M College System. W. R. Horsley of the Placement Office will have information leaflets and application blanks for Peace Corps jobs.

Although Peace Corps jobs are meant largely for college graduates, non-college graduates with special needed skills and ability to teach their skills to others are invited to apply. Among the skills needed are: auto mechanics, mechanized farm equipment operation and repair, dairy or dairy plant operation, poultry or poultry plant operation, lab technician, construction skill of any kind and many others.



"Can-Can"

This is one of many entertaining scenes from the Broadway Musical "Can-Can" presented earlier this week as a part of the regular summer entertainment program. This particular portion of the show was known as the "Apache Dance".