

Simmons sees computer science courses added to rural areas

"The computer is here to stay and it will be a part of the life work or profession of almost every student now on the campus at Texas A&M University."

Dinner planned for Gen. Smith

A formal dining-in with Maj. Gen. James C. Smith, commanding general of the 1st Cavalry Division at Fort Hood, will be held Dec. 3 for military personnel at A&M and in the Bryan-College Station area.

Invitations to the event have been extended to Brig. Gen. Joe G. Hanover, 420th Engineer Brigade commander; retired general officers at A&M, all officers assigned at A&M for study and university military personnel headed by Col. Thomas R. Parsons.

Seventy participants are expected at the 6:30 p.m. Ramada Inn dining-in.

General Smith also will meet with Army ROTC cadets for discussion of air mobile and TRICAP activities of his division. The 1st Cavalry was redesignated a TRICAP (triple capability) division last spring.

The two-star general will arrive and depart by military helicopter.

Colonel Parsons, A&M commandant and professor of military science, will preside at the dining-in. It was organized by Lt. Col. Stanley D. Cass, senior Army student at A&M. He is working on a master's degree in meteorology.

Center dedicated to A. P. Beutel

Dow Chemical Co.'s Texas Division Administrative Center was dedicated Tuesday evening to Dr. A. P. Beutel, vice president of the A&M University System Board of Directors and first general manager of the Texas Division.

Dr. E. B. Barnes, president of Dow Chemical U.S.A., presided and was main speaker at the dinner that followed.

Dr. Beutel has been a Dow executive for 55 years. He was initiator of the chemical industry's move to Texas and the Gulf Coast and was the founder, among others, of Dow's Texas and Louisiana Divisions and organizer and president of Dowell.

The A. P. Beutel Building is the administrative headquarters for the Texas Division.

Vogel receives geoscience award

Air Force T. Sgt. John Everett Vogel of St. Louis, Mo., is recipient of the College of Geosciences Faculty Achievement Award at A&M.

The award is presented by the college faculty to the outstanding graduating senior, based on academic excellence and leadership.

Vogel, son of E. A. Vogel of 3637 Koeln Ave., St. Louis, will receive the B.S. Degree in meteorology Dec. 11 here. He is a graduate of St. Louis' Cleveland High School.

Dr. K. C. Brundidge, assistant dean for student affairs, pointed out Sgt. Vogel attended several colleges and studied under the Air Force extension program prior to his enrollment in 1970 at A&M. He is a Distinguished Student at A&M.

Dredging Studies to combine with world conference

The annual seminar sponsored by A&M's Center for Dredging Studies will be combined this year with the Fourth World Dredging Conference in New Orleans Tuesday through Friday, announced Dr. John B. Herbich.

Dr. Herbich, center director, said approximately 400 engineers from throughout the world will attend the joint meeting.

The center will sponsor 13 technical papers, including four authored or co-authored by Drs. Roy W. Hann, J. F. Slowey, R. M. Sorensen, D. R. Basco, Richard F. Dominguez and Herbich, all of the Civil Engineering Department.

sage from Dr. Dick Simmons, associate professor of computing science, to students in computing science and those who have not yet realized the immediate need for their enrollment in some courses—for as little as elective credit—in data processing. He said computer science courses can be coupled with industrial engineering, statistics, physics, economics, agriculture, etc.

Dr. Simmons said any student's regular course schedule can be fortified with minimal electives in computing sciences. He specifically listed undergraduate minor courses as introduction to computers, computers in programming, computer organization and data structure. In addition, four new courses have been approved for the computing science option. They are programming languages, (C.S.401), compiler design (C.S. 402), systems programming (C.S. 403) and information processing (C.C.404).

Dr. Simmons said the need for personnel in computer related fields is growing all over the nation. He pointed out that only teachers and engineers exceed in number the computer designers, analysts, programmers and researchers at work in 1971. He said by 1975 the number of computer oriented personnel will almost be equal to those in teaching.

Records show that of the four-year universities in Texas, A&M has taken the lead in establishing a strong computing science program to meet the demand for related personnel. Service courses in computing science have been offered since the first computer was installed late in the 1950s. Since then the master's degree and subsequently the Ph.D. degree have been added. The courses are given in the computer and information science division in the Industrial Engineering Department of the College of Engineering with a staff

of 17 professionals, nine of whom have their Ph.D.'s. To promote academic excellence in computing science, A&M has founded the computing science national honor society, Upsilon Pi Epsilon. At present more than 1,300 students are enrolled in undergraduate computing science courses. A bachelor of computing science degree is in the process of approval and may be offered in the fall of 1972. It will require 124 credit hours. It will also have an

18 credit hour minor in such as marketing, management, nance, accounting, engineering, mathematics, agriculture, or ucation, among others. Seven new courses are proposed for this degree. They are introduction to data processing, introduction to discrete structures, data processing systems organization, mechanical languages, scientific programming seminar and special problems in computing science.



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