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Degrees, Gold Bars Highlight Week

3 Profs Given Top Awards In Engineering

Dr. Charles H. Samson, Charles W. Crawford and Norman F. Rode were named award winners Wednesday at the annual A&M College School of Engineering Faculty Awards meeting.

Samson received the General Dynamics - Fort Worth Award of \$1,000 for outstanding teaching. He is a professor of aeronautical and civil engineering.

H. W. Hinkley, chief engineer-air frames, for General Dynamics, and M. F. Towsley, engineering administrative group supervisor, General Dynamics, presented the award to Samson. The professor was selected by a faculty committee for the honor.

Crawford, professor of mechanical engineering and associate dean of engineering, and Rode, professor of electrical engineering, each received \$100 for "Distinguished Service to the School of Engineering."

At the same time, a large wall plaque was unveiled which will be known as the "Charles W. Crawford Award for Distinguished

Service to the School of Engineering." The first two names engraved on the plaque are those of Crawford and Rode.

All the awards and the Crawford wall plaque came as complete surprises to the recipients.

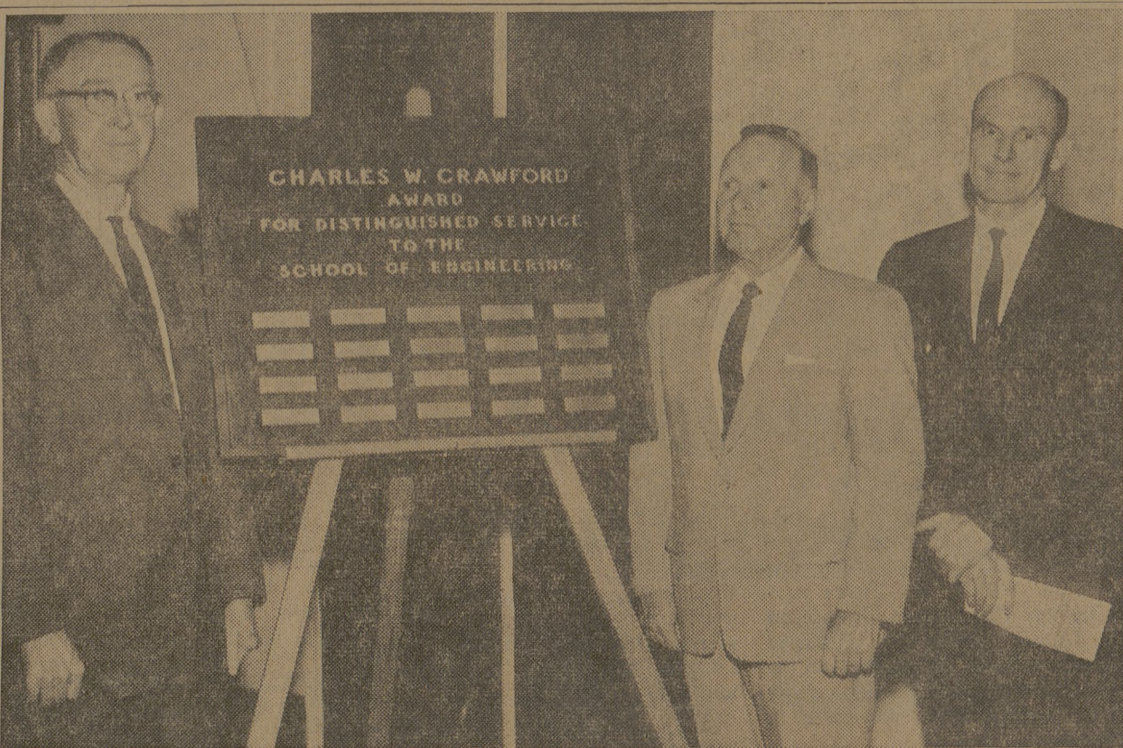
School of Engineering Dean Fred Benson, who presented the honors to Crawford and Rode, said the award may be given to any member of the faculty and staff in engineering, including the Texas Engineering Experiment Station and the Texas Engineering Extension Service.

Samson's distinguished teaching award came after only two years at A&M. He was formerly employed by General Dynamics. He received his BS degree and MS degree in 1947 and 1948 at Notre Dame University, and his doctorate at the University of Missouri in 1953.

Six engineering students also were named award winners for outstanding achievement.

They were John H. Striegler of Stephenville, majoring in chemical engineering; Edward N. Pitruha of College Station, electrical engineering; Thomas C. Paul of Albuquerque, N. M., mechanical engineering; Elmer E. Goins of MeGehee, Ark., aeronautical engineering; Walter R. Frazier of Dallas, architecture and civil engineering; and Robert K. Wright of College Station, aeronautical engineering.

Crawford, who came to A&M in 1919, will retire as associate dean of engineering in August. He will then go on modified service in the M.E. Dept.



Top Engineering Profs

These three professors were named award winners Wednesday at the annual School of Engineering Faculty Awards meeting. From left are Charles W. Crawford, Norman Rode and Dr. Charles Samson. Samson received

a \$1,000 award for outstanding teaching. Crawford and Rode were given \$100 prizes for distinguished service to the School of Engineering.

Cushing Exam Schedule Attracts 'Nightowl' Aggies

Cushing Memorial Library, turned into an air-conditioned study hall by its midnight closing hour, during dead week has attracted a large nightly attendance of Aggies seeking a quiet, comfortable place to prepare for final exams, according to Robert A. Houze, library director.

The 8 a.m.-midnight service which began Monday will extend through final week and end Friday. One exception will be Sunday when the library will be open from 1 p.m. to midnight. On Saturday, the last day of finals, the library

will be open from 8 a.m. until noon.

Library staff members reported good attendance up until shortly before closing time during the first part of the week, stated Houze.

"As finals draw nearer, all seats will undoubtedly be filled each night until midnight. It is hoped that everyone will benefit from this extension of the library's schedule," Houze said.

During the 10 p.m.-midnight hours a skeleton staff will remain in the library to provide loan, periodical and required reading service. Although the reference and document rooms will be open, but no reference or document service will be offered after 10 p.m.

The library's exam schedule began last semester and proved to be a success despite January's ice

and snow. The extent to which students take advantage of the special service will determine whether it will be continued, Houze indicated.

Rose Named Top Physics Beginner

Douglas N. Rose, freshman physics major from Amarillo, was recently named the outstanding beginning student in the physics department by J. G. Potter, head of the department.

Awarded to Rose was a copy of the 42nd Edition of the Handbook of Chemistry and Physics, a 3,000 page table of quantitative information on every conceivable aspect of physics and chemistry said Potter.

President, General Featured Speakers

Over 890 candidates will gather in G. Rollie White Coliseum Saturday morning at 9 to receive their degrees, beginning a weekend full of activities.

About 800 of the candidates will receive baccalaureate degrees, while more than 90 will receive advanced degrees. The graduates and visitors will hear Rice President Kenneth S. Pitzer deliver an address entitled "Opportunity and Responsibility."

Pitzer is an internationally known chemist who was associated with the University of California at Berkeley before coming to Rice University. He was appointed by the president to the General Advisory Committee of the Atomic Energy Commission in 1958 and has served as its chairman since 1960.

Eugene B. Darby, president of the Board of Directors of the A&M System, Chancellor M. T. Harrington and President Earl Rudder will hold key roles in the commencement exercise.

Following the commencement, at 1:30 p.m., Lt. Gen. Carl Henry Jark, commanding general of the Fourth Army, will deliver the principal address to over 220 Army and Air Force cadets as they receive their commissions in the Coliseum. Thirteen Marine Corps commissions will also be given.

A native of Nebraska, Gen. Jark graduated from the U.S. Military Academy with the Class of 1929 and was commissioned a second lieutenant in the field artillery. He has been in command of the Fourth Army at Fort Sam Houston since December, 1959.

Gen. Jark has served in various areas of the nation, in the Orient and in Europe during his Army career, and held several assignments during World War II before moving into the European Theater as executive officer of the 63rd Division Artillery.

New Officers Assume Senate Posts Tonight

Student Senate officers for the 1962-63 school year will assume their positions in the last meeting of this year's Senate Thursday at 7:30 p.m. in Room 3-D of the Memorial Student Center.

The change of officers and reports from Senate committees are the only items listed in the Senate agenda.

Sheldon J. Best, '63 from Miami, Fla., will take over the Senate's top post from out-going Student Body President Malcolm Hall.

Other new officers will be Gregory H. Laughlin, vice president; James W. Carter, parliamentarian; Thomas R. Arnold, recording secretary; Douglas G. Hotchkiss, student issues chairman; Joel B. Terrell, public relations chairman; Jerry E. Vion, student life chairman; and William K. Stanton, student welfare chairman.

Final Exam Schedule

Date	Hours	Classes
May 28, Monday	8-11 a.m.	Classes meeting MWF 8
May 28, Monday	1-4 p.m.	Classes meeting TThSF1
May 29, Tuesday	8-11 a.m.	Classes meeting MWF9
May 29, Tuesday	1-4 p.m.	Classes meeting MWTh1
May 30, Wednesday	8-11 a.m.	Classes meeting MWF1
May 30, Wednesday	1-4 p.m.	Classes meeting TF1 or TF1-2:15
May 31, Thursday	8-11 a.m.	Classes meeting MThTh10
May 31, Thursday	1-4 p.m.	Classes meeting MWTh2
June 1, Friday	8-11 a.m.	Classes meeting MWF11
June 1, Friday	1-4 p.m.	Classes meeting MATTh11
June 2, Saturday	8-11 a.m.	Classes meeting TTh9F2
June 2, Saturday	1-4 p.m.	Classes meeting TF2 or TF2-3:15

Wire Review

By The Associated Press

BERLIN — Soviet forces held up a west bound U. S. Army convoy nearly six hours Tuesday after letting this divided city's tensions ease off for two months.

The convoy was finally allowed to go on its way after a stiff protest. But it was the first interference within Berlin traffic since the Soviet Union dropped its harassing tactics in the air corridors last March. It also was the longest delay on the Autobahn since the Communists built their wall through the city last August.

PARIS — A French special military tribunal Wednesday convicted ex-Gen. Raoul Salan of treason and sentenced him to life imprisonment.

The court found there were extenuating circumstances that moved the judges to spare him from the death penalty.

U. S. NEWS

WASHINGTON — President Kennedy invoked emergency powers Wednesday authorizing the admission of refugees from Communist China, and disclosed that several thousand now in or near Hong Kong have been cleared for entry.

The Justice Department said the flow would start in about two weeks.

Officials disclosed that Kennedy met with Raymond F. Farrell, associate commissioner of immigration and naturalization, to put the machinery in motion.

WASHINGTON — Chairman Wayne Aspinall, D-Colo., of the House Interior Committee said Wednesday he expects his group will approve, in about two weeks, a bill to authorize a national seashore area on Padre Island off the Texas Gulf coast.

The measure was approved Tuesday by an Interior subcommittee.

Aspinall said some questions might be raised before the full committee about one or two provisions in the bill but that he thought it would be approved substantially as it now stands. The measure provides for a park 74 miles long.

New Seniors Don Boots For Dance

The Class of '63 will celebrate becoming seniors at the annual Boot Dance Saturday from 8:30 p.m. to midnight in Sbis Dining Hall.

Tickets for the occasion are \$3 per couple, and are on sale at the cashier's window of the Memorial Student Center, and at the door.

Dress for dates will be semi-formal. Cocktail dresses and short formal will be appropriate. Civilian students should wear suits and ties, and members of the corps should wear Class A summer uniforms with boots.

Corrections Made In Summer Bulletin

The following corrections and revisions in the summer registration bulletin have been announced by H. L. Heaton, director of admissions and registrar:

FIRST TERM

Additions: Education 601, daily 11-12; Marine Transportation 101, daily 1-2:30; Mathematics 685, daily 7-8 and 11-12; Mechanical Engineering 310, TTh 1-5:30; Mechanical Engineering 599, daily 9-10 and 1-2 TTh 4, Daily 7-8 and 1-2 TTh4.

Drops: Education 638, daily 11-12:30; Mechanical Engineering 309, TTh 1-5:30

SECOND TERM

Additions: Education 638, daily 11-12:30; Marine Engineering 102, daily 1-2:30; Mechanical Engineering 600, daily 7-8 and 10:30-12, TTh4.

Drops: Education 601, daily 11-12; Mechanical Engineering 310, MWF 2-5.

Decorations for the event will include two boots over five feet tall. Music will be furnished by the Aggieband Orchestra.

The Boot Dance committee consists of the new senior class officers. The new president is Charles Blaschke; Charles Nichols is vice-president; Reggis Richardson is the social secretary; Jim Scott is the treasurer; Brooks Bader is the historian, and the entertainment manager is Randy Jones.

"This is the first dance of the social schedule planned for the new seniors, and we want to make it a large success," Blaschke said. "It is to be more or less an informal get together for the seniors to show off their new boots, and to review events of the past year."

Blaschke expects a large turnout of about 300 couples for the dance.

Outdoor Swimming Pool Opens Again

The new outdoor swimming pool has reopened after a temporary shutdown according to Carl Tishler, head of the Department of Health and Physical Education.

The pool had been closed due to several minor hindrances, mainly those connected with the landscaping which is being conducted around the pool, said Tishler.

Operating hours for the pool are week-days from 2-5:30 p.m.; Saturdays from 10-12 a.m. and 1:30-7 p.m.; and Sundays from 1:30-5 p.m.

CEREMONY FRIDAY AT 2

Nuclear Center Dedication Set

Dedication of A&M's Nuclear Science Center — designed to provide a ready source of nuclear energy for the use of science and industry — will take place at noon Friday on campus.

Scientists and industrial representatives from throughout Texas will join with faculty and research staff and Bryan-College residents at a dedication luncheon in the Memorial Student Center ballroom.

A 2 p.m. ribbon cutting ceremony at the Nuclear Science Center, located southwest of Eastwood Airport, will formally open the facility that houses one of the larger swimming-pool-type reactors in this region.

Faculty and staff members are invited to attend the dedication luncheon. Tickets will be available at the main desk of the MSC. Price is \$2.50 per person.

The public is invited to attend both functions. Tours of the Nuclear Science Center will be staged during the afternoon so the visitors may see the operating reactor and view the glowing reactor core, down through 27-feet of water in the pool.

Dr. J. R. Maxfield Jr., Dallas radiologist and specialist in nuclear medicine, will be principal speaker at the dedication. His subject will be "The Challenge of a

New Dimension." Dr. M. T. Harrington, chancellor of the A&M College System, will preside at the luncheon.

The idea and goals of the Nuclear Science Center will be discussed by Dr. John C. Calhoun, vice-chancellor for development of the system.

Dr. Robert G. Cochran, head of the Nuclear Science Center and nuclear engineering department head, will preside at the ribbon

cutting ceremony. After talks by President Earl Rudder and E. B. Darby, chairman of the board of directors, the center will be formally opened.

Designed as a high-power research-type reactor that will have an eventual output of up to 5,000,000 watts (5 megawatts), the reactor is presently licensed to operate at a maximum power-level of 100,000 watts.

As a major nuclear facility op-

erated as part of the Texas Engineering Experiment Station, the reactor is available to research scientists in colleges and universities throughout the south and southwest as well as industrial scientists. They will be able to perform neutron radiation and gamma radiation experiments and process materials that will promote new knowledge in this Space Age.

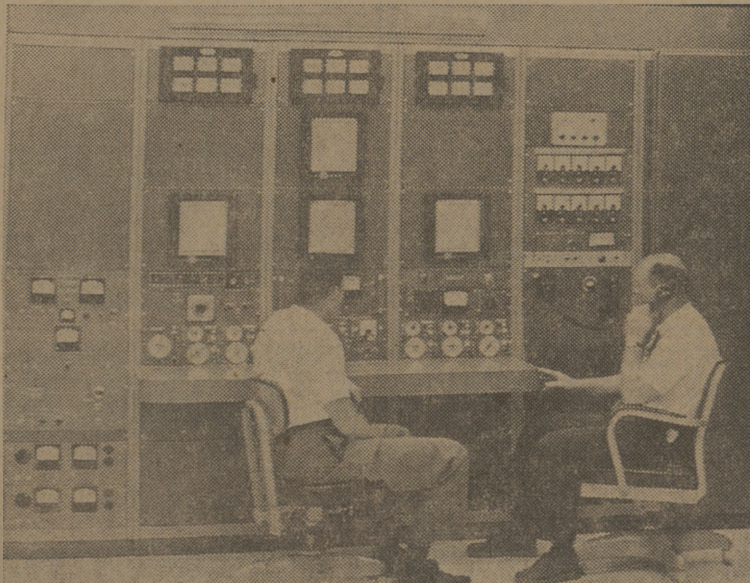
A&M research scientists and faculty are utilizing the Nuclear Science Center for nuclear engineering education and diverse research involving activation analysis and radiation experiments.

Another major research facility at A&M, the Data Processing Center, provides an essential support function for the science center.

Basic studies about low-intensity radiation involving various animal species are being conducted by Dr. Sidney O. Brown, head of A&M's biology radiation laboratory, and scientists in veterinary medicine and animal husbandry.

This research group has contracts with various branches of the Armed Forces to study effects produced by various types of gamma and neutron radiations from the reactor.

The reactor is now operating at 100 kilowatts. With completion of a cooling system, it eventually will operate at power levels up to five megawatts.



DR. COCHRAN (RIGHT) AT CONTROL BOARD ... center operated from huge panel