Meteorology Research To Use Differing Radar Wavelengths


| Moyer and two other men returning to College Station by light plane had a fearful flight. <br> "High frequency radar displays echo from light or small-drop rainfall that is not detected by radar of lower frequency," Moyer explained. But the 3.2 -centimeter or high frequency radar impulses may be attenuated or absorbed by heavy rain. The 10 -centimeter radar impulse is such that not even record-sized raindrops, about onefourth of an inch, will attenuate them, but these impulses pass through light rain without detecting it. <br> "If we can say there is no attenuation in the $10-\mathrm{cm}$ signal, then we can use that to evaluate the attenuation in the $3.2-\mathrm{cm}$ signal and from this we can evaluate the statistical drop sizes in the echo," Moyer said. <br> This evaluation plus data on drop sizes could add up eventually to the ability to use radar to probe a mass of rainy weather and give insights into the moisture distribution in the clouds. Not only would this be useful in expanding knowledge of cloud physics, but it would have a practical application in hydrology and design of dams. <br> "And the radar operator stays inside where it's nice and dry," Moyer pointed out. |
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A Handshake Between GOP Rivals New York Governor Nelson Rockefeller and seeking the Republican Presidential nominaArizona Sen. Barry Goldwater shake hands tion at the GOP National Convention.
as they met at sessions of the Governors Watching the meeting at left is Arizona
Conference in Cleveland, Ohio. Both are Gov. Paul Fannin. (AP Wirephoto)
May Graduate Wins Contest

Scence Lecture Set Thursday


| William W. Martin of Amarillo, who received his bachelor's degree from $A \& M$ University last month, is $\$ 1,000$ richer today after winning the "Discovery Toys Competition." <br> Martin's entry, a tubular "Reflecto Magic" device, received the highest award in the nationwide contest sponsored by the Creative Playthings Foundation of Princeton, N. J. <br> Students from Wayne University, Maryland Institute College of Art and Cranbrook Academy of Art took honorable mention honors. <br> The winning entries will go on display in July at the New York World's Fair in the Protestant | and Orthodox Center. They are also scheduled for exhibit at colleges, museums and art institutes. <br> Martin's entry was created as part of a class assignment in the School of Architecture. <br> By looking through the "Reflecto" tube one sees unusual threedimensional and vari-colored designs. <br> "One particular effect," Martin explains, "is a series of 'inner rooms,' vanishing at oblique angles to infinity, like gazing into a mine with colored walls." <br> Martin graduated from Amarillo High Scool in 1955 and enrolled at A\&M that fall. After two years at A\&M he went to the University | of Denver to acquire a degree in advertising design. <br> He returned to A\&M for his degree in architecture. For the past two years, he also has been employed by Matthews and Associates, architects and engineers, in Bryan. <br> "Sports Car Center" <br> Dealers for <br> Renault-Peugeot <br> British Motor Cars <br> Sales-Parts-Service <br> "We Service All Foreign Cars", <br> 1422 Texas Ave. <br> TA 2-4517 |
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## $\Rightarrow$ AMONG THE PROFS

 Chemistry Prof Receives Welch Foundation Grant| Trustees of the Robert A. Welch Foundation of Houston have announced a $\$ 30,000$ grant to Dr. | University Department of Dairy Science made two talks Thursday in San Antonio. |
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| Dwight C. Conway of A\&M University for chemical research applying to the study of space and to radiation chemistry. <br> Dr. Conway is an associate profesor of chemistry and a member of the Texas A\&M Cyclotron Institute. <br> The two-year grant will supplement university funds for a mass spectrometer and other equipment | The professor spoke at the June Dairy Month Barbecue at noon in MacArthur Park on the topic Modern Dairy Developments and Research." <br> Thursday evening in the Bluebonnet Hotel, Leighton addressed the South Texas Dairy Technology Society, discussing "Agricultural Problems in Pakistan." |
| Conway's studies concern the | The scientist returned recently |



Godfrey's Restaurant
Good Food *For Aggies-that's all!"


Jean \& Bob Godfrey '55

ege, will lecture on "Engineering \begin{tabular}{l}
Dr. Geddes, born in Scotland and <br>
on Medicine", at A\&M University <br>
educated in Canada, has a doctor <br>
p.m. today, in the Biological Sci- <br>
of philosophy degree from Baylor <br>
once Building.

 

Medical College. He has published
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70 scientific papers.

