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SOUTHWEST CENTER FOR ADVANCED STUDIES

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NEWS ADVISORY
April 19, 1968

Al Mitchell, Info Services
(Extension 215)

- Tuesday, April 23 - SCAS will have Dr. Flavian Abramovici, Weizmann Institute, Israel; TAGER-TV seminar, seems to be a highly-technical earth sciences subject. Seminar time (LIVE) is 3:30 p.m.
- Wednesday, April 24 - SCAS will have Dr. W. M. Alexander, Department of Physics, Baylor University; TAGER-TV seminar about micrometeorites in space. Would seem to involve question of hazard to space vehicles; Dr. Francis S. Johnson of SCAS has had recent coverage on this subject, in his talk made at New Orleans. Seminar time (LIVE) is at 4 p.m.
- Thursday, April 25 - Dr. Francis S. Johnson speaks at 17th Annual Student Engineering Banquet, Baker Hotel. See ATTACHED summary.
- Friday, April 26 - Dr. Dimitrij Lang of the SCAS Biology Division will be on TAGER-TV (TAPED) with a discussion of how he uses the electron microscope. Spreading out DNA molecules so they are "flat" -- one molecule thick is regarded as a big achievement in methods. The TAPED seminar is at 4 p.m. Might make a news peg for a feature. I plan to take notes. Clip reproduced below is from April ADVANCE.

Tuesday, April 30 - SCAS will have its spring Board of Trustees and Advisory Council Meeting at 9:30 a.m. There will be some items related to expansion of graduate education. We have also invited, but to date do not have all acceptances, a panel of science and education top-notchers. They will talk on changing aspects of research support. Invited: Dr. Detlev Bronk, President, Rockefeller University; Dr. J. Herbert Hollomon, President-Designate, Oklahoma University; Dr. Herbert E. Longenecker, President, Tulane University; Dr. Julius A. Stratton,

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x x x Stratton, Chairman of the Board, Ford Foundation; Dr. Frederick Seitz, President, National Academy of Sciences, and Dr. Fred Terman, President SMU Foundation for Science and Engineering.

Even half of these is a major gathering of leaders in science and education; Bronk formerly headed Johns Hopkins, for example; Hollomon has been high in federal government circles; Stratton formerly headed M.I.T.; Terman formerly was provost of Stanford, and was a leading educator in electrical engineering; in addition, his father was one of the originals in psychological testing (Stanford-Binet tests).

"An Anytime Feature" - Dr. Kenneth G. McCracken, who started the SCAS cosmic ray program with balloon flights -- through the first launch of interplanetary instruments in the Pioneer family -- is now located at the University of Adelaide, South Australia. He is still working on the Pioneer data. To permit discussions directly, we are trying out an amateur radio "circuit"; McCracken has his own station in Adelaide. We are using a station operated by Lavon Lewis of Richardson, who is SCAS physical plant engineer. I'm going to join them at the Lewis home in Richardson at 7 a.m., Saturday, April 20, when Dr. Frank Allum of SCAS Space Sciences trades research notes and questions with McCracken. Notes and pictures upcoming.

Guess the angle is "far flung research" -- three instruments in interplanetary space, and scientists talking over results between Dallas and Australia?

If this step works out (there has been one successful hookup so far), we want to try to reach Dr. U. Ramachandra Rao at Ahmedabad, India, where the Physical Research Laboratory has a ham station; see if it can be worked as a three-way? Rao was also a member of the McCracken group here. Both of them are still "visiting faculty".