

Last year was one of the most interesting ones that the NCA Juniors have ever had the chance to participate in. In the area Science Fairs the astronomers did very well. Two entrants, Rick Falwell and myself, won grand prizes, an expense - paid trip to the National Science Fair in Seattle, Washington. There are many other N C A'ers who did well at home; Ed Lusby, June McGuirato, Butch Goodwin, and Bob Price. Four were awarded Senior division regional awards last spring.

Just as the Science Fairs served their most valuable purpose in allowing practitioners of the same hobby to converse and exchange ideas, the Middle East Regional Convention was a valuable chance for astronomers of many states to get together. Juniors convened in unheard-of numbers and exchanged impressions of the Naval observatory. I would like to personally thank three of our own Juniors for their assistance in that tour. They are; Dave McLean, Kit Harvel, and Phil Hodge.

From the Juniors' point of view, however, the most interesting event was the Junior Convention held June 2 in the Dept. of Commerce Auditorium. There were about 25 in attendance. The most important single action was the election of officers for 1962-63. They are; Chairman, Guy Blair, Jr.; Co-ordinator - Md., Butch Goodwin; Co-ordinator - Va., Doug Lind; Secretary, Ellie Matter; and Data Keeper, Ed Cragg. Our congratulations to the new officers. The Junior schedules for this year look very much the same as last year, except that there is likely to be more special group activities. In addition, it appears that with Robert Price and Ed Cragg around for next year, there will be greater emphasis on observational and research programs.

Christopher Walker, Junior Editor

COURSES OFFERED

The University Of Maryland has opened a new Astronomy Department. The courses offered this semester are Elementary Astronomy, Descriptive and Analytical Astronomy, Introduction to Radio Astronomy, Dynamics of Stellar Astronomy, Physics of the Solar System, and a seminar. More information may be had by calling WA 7-3800 X 398.

★ STAR DUST

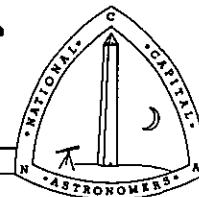


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STAR DUST



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OUR GALAXY



Our Galaxy will be the topic for the September lecture to be given by Dr. Uco Van Wijk from the University of Maryland, Dept. of Astronomy. This semester he will be teaching courses "Descriptive and Analytical Astronomy" and "Dynamics of Stellar Systems."

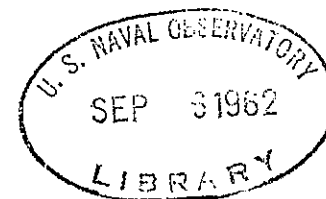
Dr. Van Wijk received a BS from Harvard in 1948 and his PHD from Harvard in 1952. Since that time he has worked as an Instructor and as an assistant Professor at Princeton, and as an Instructor at the Harvard Summer school.

His research has been mainly on the theory of stellar dynamics and in experimental development of Photo-electric amplification methods for telescopes. He has recently given a series of lectures at the Goddard Space Flight Center.

His papers include "Applicability of the Virial Theorem to Galactic Clusters," "On the Dynamics of Galactic Clusters," and "Origin of High Velocity Stars."

CALENDAR FOR SEPTEMBER

- 7 EXPLORING THE SKY 8:00 P.M. at Ft. Reno Park, 40th and Chesapeake Streets, N.W.
- 8 OUR GALAXY by Dr. Van Wijk, Department of Commerce auditorium, 8:15 P.M. Business meeting follows.
- 15 MD - DC JUNIORS meeting 2:15 at the Chevy Chase Community Center. Call Leith Holloway 362-1961 for more information.
- 17 MEETING OF EXECUTIVE BOARD AND TRUSTEES at the home of Mrs. John Stolarik, 7805 Canyon Drive. Time 8:00 P.M. Call RE 6-4321 for directions.
- 18/25 TELESCOPE MAKING CLASS at Chevy Chase Community Center 7:30 P.M. with Hoy Walls.
- 21 OBSERVING AT THE FIVE INCH 8:00 to 10:30 PM at the Naval Observatory with Larry White.



22 DISCUSSION GROUP SATELLITE PREDICTION AND TRACKING led by Ellis Marshall 8:15 at the Dept. of Commerce, Room 1851.

30 EXPLORING THE SKY 8:00 P.M. at Ft. Reno Park.

MAKSUTOV CLUB will continue meeting every Friday at the Chevy Chase Center.

MEET THE NEW OFFICERS



The new president, Ellen Stolarik, has served NCA for the past two years as secretary and last year as Editor of STARDUST. She received an AS degree from Wittenberg University in Math and Physics, and then attended the University of Maryland graduate school in Physics. Ellen joined the NCA while a student at Maryland.

She is the mother of four small children and works part time as a research assistant to Dr. Opik at the University of Maryland in the field of meteor physics. Other activities include Goddard Garden Club, Pres.; Editor of DOPSTICK (put out by the Gem and Lapidary Society); Goddard

Wives Club, Sec., and Citizens Association, Sec. Her main hobbies are sewing, ceramics, art work, and gardening.

The Vice-President, Ellis Marshall, has been a member of the NCA since 1957. His chief NCA activity has been participation in exploring the Sky sessions at Ft. Reno Park. Astronomy and amateur radio have been major hobbies since 1929. During the war years, he was a communications officer in the Signal Corps and served in the CBI Theater of operations. From 1958 through 1960 he served as a Communications Specialist in Iran for the DOD.



ELLIS MARSHALL



Roger Harvey joined the NCA while attending Falls Church High School. Before his graduation in 1958 he was President of Astronomy Club there and host to frequent star parties.

Roger attended the University of Virginia for three semesters in the College of Arts and Sciences, working for a BS in Physics. The next two years he worked at Page Communications Engineers, a company that designs scatter communications. Last February he enrolled at George Washington University in the school of Mechanical Engineering and plans to get a BME there. Drag racing is his major hobby. Roger drives a modified Corvette at the local drag strips and has done most of his own engine work.

Morton Schiff, who joined NCA in May of 1948 and has been an active member ever since, will be the new secretary. He became interested in astronomy in 1928 and has a Boy Scout merit badge in Astronomy. He took a course in Astronomy at the Dept. of Agriculture School.

Morton has led many fine discussion group meetings on such topics as Tycho Brahe, Copernicus, and astronomy of the Bible. The last talk he has also given at the MER Convention last spring and to a young peoples group at the synagogue. He led an astronomy club for a group of boys at the Unitarian church.



Morton Schiff