and Astronomy at the State University of Iowa. The presentation was made by Theodore von Kármán, director of the International Academy of Astronautics, which administers the award, during the XIII Congress of the International Astronautical Federation, held at Varna, Bulgaria, from September 23 to 29.

The award carries a prize of $1000 and is given annually to an individual who has made outstanding contributions to the progress of astronautics during the preceding five years. Last year's recipient was Sir Bernard Lovell. Dr. Van Allen was honored for his development of recording and measuring instruments for US space probes, for his discovery of the radiation belts which bear his name, and for his efforts in planning and promoting the International Geophysical Year.

Bruce Medal

The 1962 Bruce Gold Medal of the Astronomical Society of the Pacific has been awarded to Grote Reber, known for his pioneering work in radio astronomy. He received his bachelor's degree at the Illinois Institute of Technology in 1933, after which he did graduate work in physics at the University of Chicago. His interest in the sources of radio noise led him to construct a radio telescope in 1937, and for several years he was the only investigator engaged in the new field of radio astronomy, which had been opened by Karl Jansky in 1932.

Mr. Reber is now in Tasmania, organizing the development of a steerable antenna array for radio-astronomy observations at a wavelength of 141 meters.

The Lawrence Award

The General Advisory Committee to the US Atomic Energy Commission is receiving nominations for the 1963 Ernest Orlando Lawrence Memorial Award. The award, which was established in 1959, is given to not more than five US citizens in each year and consists of a medal, citation, and a monetary prize of not less than $5000, awarded in recognition of "recent, especially meritorious contributions to the development, use, or control of atomic energy, including medicine and engineering". The 1963 award will be given to persons who have not reached their 46th birthday by July 1, 1963.

Previous recipients of the Lawrence Award have been: (1960) Harvey Brooks, John S. Foster, Jr., Isadore Perlman, Norman F. Ramsey, Jr., and Alvin M. Weinberg; (1961) Leo Brewer, Henry Hurwitz, Conrad L. Longmire, Wolfgang K. H. Panofsky, and Kenneth E. Wilzbach; (1962) Andrew A. Benson, Richard P. Feynman, Herbert Goldstein, Anthony L. Turkevich, and Herbert F. York.

Nominations for the 1963 award should be received by the Chairman, General Advisory Committee, US Atomic Energy Commission, P.O. Box 3528, Washington 7, D. C., not later than November 1, 1962. A nomi-