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# Miscellany

#### NAS-NRC Space Science Board

A sixteen-member Space Science Board has been formed by the National Academy of Sciences-National Research Council "to survey in concert the scientific problems, opportunities, and implications of man's advance into space". The Board will serve to centralize NAS-NRC activities connected with spacescience research and is expected to coordinate its work with appropriate civilian and government agencies both in this country and abroad, particularly the National Aeronautical and Space Agency, the National Science Foundation, and the Advanced Research Projects Agency.

The functions of the Board will include studies of research opportunities and needs created by the advent of rockets and satellites, advice and recommendations on space science to interested agencies and institutions, stimulation of research interest in the rocket and satellite fields, and cooperative activities in this area with academies and similar institutions abroad. Still another task before the Board will be a program to gain the further cooperation of the International Council of Scientific Unions and other international organizations in the prevention of undesirable and unnecessary contamination of moon and planet surfaces and atmosphere with alien particles of energy and matter introduced from earth by space vehicles.

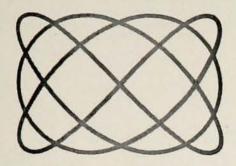
Lloyd V. Berkner, president of Associated Universities, Inc., and of the International Council of Scientific Unions, has been named chairman of the Space Science Board. Twelve ad hoc committees have been organized to carry out the work of the Board. These committees, together with their chairmen and vice chairmen (who comprise the membership of the Board)

1. Geochemistry of Space and Exploration of Moon and Planets: chairman, Harold C. Urey (University of California, La Jolla); vice chairman, Harrison S. Brown (California Institute of Technology).

2. Astronomy and Radio Astronomy: chairman, Leo Goldberg (University of Michigan).

3. Future Vehicular Development (beyond vehicles immediately available and including possible space stations and interplanetary vehicles for scientific research): chairman, Donald F. Hornig (Princeton University).

4. International Relations Field (coordination with ICSU and other national scientific bodies on problems in international sharing of payloads, international cooperation in space activities and advice on the formulation and effects of regulatory policies): chairman, W. A. Noyes (University of Rochester).



## PHYSICISTS

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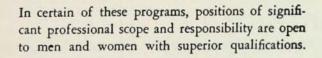
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SOLID STATE

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5. Immediate Problems (space laboratories, orbits, currently feasible research projects, and liaison with the Technical Panel on the Earth Satellite Program of the US National Committee for the International Geophysical Year during terminal phases of IGY): chairman, R. W. Porter (General Electric Company).

6. Space Projects (analysis of advanced space research proposals and long-range planning); chairman, Bruno B.

Rossi (Massachusetts Institute of Technology).

7. Ionosphere (experiments pertaining to auroral and ionospheric effects, including whistlers and special propagation phenomena): chairman, A. H. Shapley (National Bureau of Standards, Boulder).

8. Physics of Fields and Particles in Space: chairman. John A. Simpson (University of Chicago); vice chairman,

James A. Van Allen (Iowa State University).

9. Future Engineering Development Beyond Available Facilities (telecommunications, telemetry, guidance, enviromental conditions, and advanced laboratory requirements): chairman, O. G. Villard, Jr. (Stanford University).

10. Meteorological Aspects of Satellites and Space Research: chairman, Harry Wexler (US Weather Bureau).

11. Psychological and Biological Research: chairman, H. Keffer Hartline (Rockefeller Institute for Medical Research); vice chairman, S. S. Stevens (Harvard University).

12. Geodesy: chairman, G. P. Woollard (University of Wisconsin).

Hugh Odishaw, executive director of the US National Committee for the IGY, has been named executive director of the Space Science Board.

### Programs and Facilities

The Department of Biophysics of the Sloan-Kettering Division of the Cornell University Medical College is again offering a graduate-student program in radiological physics, for which a limited number of fellowships is available. The curriculum includes formal courses in physics, biology, physiology, chemistry, and radiation physics. Extensive laboratory training in treatment planning, implant dosimetry, applications of radioactive isotopes, measurement and calibration of isotopes and other radiation sources, and radiation protection is offered. For further information write to Department of Biophysics, Sloan-Kettering Institute, Memorial Center, 444 East 68th Street, New York 21, N. Y.

Solar energy studies, basic and applied, are to be carried out at new laboratories in Princeton, N. J., under programs announced in August by the Curtiss-Wright Corp. and New York University. The Curtiss-Wright solar radiation program will be concerned primarily with the development and production of commercially salable solar products and will be centered at the firm's Princeton Division facilities, where a complete "Sun Court and Solar Laboratory" is now under construction. Included will be a solar-heated house and swimming pool, as well as furnaces, batteries, stills, driers, cooking equipment, radios, and foodprocessing equipment-all dependent upon direct energy from the sun for their operation. New York