

Physical Sciences. The current membership of USANC is:

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Elmer Hutchisson, American Institute of Physics	American Institute of Physics
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J. H. Van Vleck, Harvard University	Vice President of IUPAP

The USANC, and its individual members, seek to represent and to serve the physicists of the United States and their professional organizations in this forthcoming international assembly and on a continuing basis in other activities of IUPAP. They can best do so if you will communicate with them directly or through your professional society. They especially encourage, at this time, comments and information pertinent to the above agenda.

The USANC plans to use the pages of *Physics Today* to report more frequently on its activities. Readers may find a more complete description of this Committee's program in the article "International Cooperation in Physics", which appeared in the *American Journal of Physics* of May 1958.

**R. D. Huntoon**  
*Secretary, USANC of IUPAP*

#### *Bionics*

**E**NGINEERING applications of biological principles will be discussed at a symposium on "bionics" to be held September 13-14 at the Dayton Biltmore Hotel, Dayton, Ohio, under the sponsorship of the Air Research and Development Command's Wright Air Development Division. (Bionics is described by the meeting's organizers as "a science of man-made systems which function after the manner of, or in a manner characteristic of or resembling, living systems", and the objective of research in that science is defined as being "to apply principles discovered in the study of biological systems to engineering design".) At the present time the most promising applications are expected to be found in such aspects of information handling as acquisition, processing, storage, and utilization of data.

Persons interested in attending the symposium should communicate with the Commander, Wright Air Development Division, Attn: WWRDA (Major J. E. Steele), Wright-Patterson Air Force Base, Ohio.

## PHYSICISTS

Schlumberger Well Surveying Corporation maintains a program of long-range industrial research projects at its Research Laboratory in Ridgefield, Connecticut.

The program includes such scientific fields as nuclear magnetic resonance, electromagnetic theory, nuclear physics, electronic systems, physical chemistry, wave propagation, data processing, sonics, and physical electronics.

In order to implement our diversified program we have openings for two professional staff members on a permanent staff of more than 100.

## MATHEMATICAL PHYSICIST

The position requires a scientist with a Ph.D. in physics, applied mathematics or electrical engineering, with a strong interest in theoretical work. The applicant should have at least two years of experience in the use of mathematical techniques for the formulation and solution of physical problems.

Knowledge of transport theory, wave propagation or information theory are particularly useful. Specific projects cover a wide spectrum from rather short feasibility studies to long term research programs in the fields mentioned.

## PHYSICIST FOR ACOUSTICS

This scientist should have an advanced degree in acoustics or geophysics with at least three years practical experience in ultrasonics, sonar or seismology.

The research program underway covers experimental and theoretical work in the measurement of acoustical properties of materials, particularly geological formations.

Our Laboratory is located in a small Connecticut town about 60 miles northeast of New York City. The facilities at the Laboratory are extensive and modern. Working conditions and fringe benefits are consistent with the highest industrial standards. Please send brief resume to:

**MR. J. J. McNAMARA**  
**SCHLUMBERGER WELL**  
**SURVEYING CORPORATION**  
**P. O. Box 307**  
**Ridgefield, Connecticut**