

PHYSICIST

A SOLID FUTURE IN RESEARCH DEVELOPMENT & APPLICATION

Expansion in our Crystal Solid State Division creates a unique professional opening for M.S. or Phd level Solid State physicist who is interested in application of insulators and semi-conductors to new and existing devices.

Will plan, design, perform and interpret experiments directed at obtaining an understanding of electro-optical phenomena in insulators and semi-conductors. Will devise measurement techniques for properties of solid state materials in connection with device research and materials preparation. Will study the development and application of devices utilizing photoconductive and photovoltaic properties of materials.

This position carries a good starting salary with excellent professional growth potential—the educational, recreational and cultural facilities are of the finest. Send your resume in confidence to Personnel Director

THE HARSHAW CHEMICAL COMPANY
1945 E. 97th Street Cleveland, Ohio
An Equal Opportunity Employer



Ph.D. — EXPERIMENTAL NUCLEAR PHYSICIST A UNIQUE RESEARCH OPPORTUNITY

If you are looking for a permanent position in industry which offers not only the opportunity for professional advancement, but will use your formal training to the fullest extent, we believe you will be interested in our organization.

Some of the research projects presently under way include:

1. Measurement of cross sections of slow charged particle induced nuclear reactions.
2. Study of 3-body nuclear break-up problems.
3. Investigation of new detector types, and associated electronic circuitry.

The individual we are seeking is not only a competent gatherer of experimental information, but has the ability to draw upon current theory to help him interpret what he sees in the laboratory. We feel that this depth of understanding of a problem is the only way to make our company grow and remain a leader in the nuclear industry.

Please submit your resume describing your training, experience, and publications to:

Personnel Division



333 East Howard Avenue

Des Plaines, Illinois

An Equal Opportunity Employer

scientific community. Comments and observations should be addressed to the Committee on Science and Public Policy, National Academy of Sciences, 2101 Constitution Ave., N.W., Washington 25, D.C.

The present members of the Committee on Science and Public Policy, and their disciplines, are: George B. Kistiakowsky, chairman, chemistry; Philip H. Abelson, geophysics; Lawrence R. Blinks, botany; H. W. Bode, engineering; Frank Brink, Jr., physiology; Melvin Calvin, chemistry; Leo Goldberg, astronomy; Frank L. Horsfall, Jr., pathology and microbiology; A. L. Lehninger, biochemistry; Donald B. Lindsley, psychology; Saunders Mac Lane, mathematics; William W. Rubey, geology; Harry L. Shapiro, anthropology; T. M. Sonneborn, zoology and anatomy; and Alvin M. Weinberg, physics.

Radiation Medicine

The Atomic Energy Commission and the Lovelace Foundation for Medical Education and Research have announced that Foundation personnel have begun to occupy recently completed portions of a new facility for the study of the biological effects of inhalation of radioactively contaminated air. The Fission Product Inhalation Facility, located at Sandia Base, N.M., will eventually consist of twelve buildings and will cost \$3 million. Four of the twelve units are now complete, including two main laboratory structures, a building housing veterinary support work and the central power plant, and one dog kennel. Later units will include administrative offices, a variety of specialized laboratories, and facilities for mice, rats, and guinea pigs. When all facilities are completed and the program is in full operation, there will be research observation of 10 000 small animals and 1000 dogs. The dogs used will be a special breed of beagles.

International Center for Theoretical Physics

Plans for setting up an international center for theoretical physics at Trieste early in 1964 have been announced by the International Atomic Energy Agency. The proposed center has been under discussion by the IAEA General Conference and its Board of Governors since September 1960, and a series of studies were made with the help of theoretical physicists from many countries. The Italian government has offered to construct a new building and housing facilities, to provide staff services and fellowships, and to contribute \$250 000 annually for five years. The IAEA will provide fellowships and professorships up to an annual value of \$55 000 for four years and make additional contributions up to \$110 000 in the same period. It was decided to establish the facility on a provisional basis and to evaluate its work after two years to determine the direction of future activity. A further review would be undertaken after four years to determine if it would be desirable to move the center to a developing country.