

POSITIONS OPEN

PHYSICIST—SENIOR STAFF POSITION

Primary responsibility to supervise routine isotope laboratory and some resident training. Research is encouraged and supported. Desire experience in clinical uses of radioisotopes. Ph.D. preferred, not essential. Salary dependent upon qualifications. For application or further information, please write: Dr. J. S. Laughlin, Department of Physics, Memorial Center for Cancer and Allied Diseases, 444 East 68th Street, New York 21, New York.

**The Departments of Mathematics and of Physics
The University of Manitoba, Winnipeg, Manitoba, Canada
WILL MAKE TWO APPOINTMENTS IN EACH DEPARTMENT**

in the ranks of
LECTURER, ASSISTANT OR ASSOCIATE PROFESSOR
(initial salaries in the range \$4500-\$7700)

APPOINTMENT TO BEGIN SEPTEMBER 1, 1958

Please write to:

Dr. J. W. Lawson, Chairman, Department of Mathematics.
Dr. B. G. Whitmore, Chairman, Department of Physics.

Electrical Engineers interested in an academic position combining teaching and fundamental experimental research. Assistant professorship available for a recent Ph.D. or equivalent background, higher rank in accord with qualifications. Write D. C. Drucker, Chairman, Division of Engineering, Brown University, Providence 12, Rhode Island.

Department Head—For Physics Department. Applicant must have Ph.D. Minimum salary \$7500 for academic year. Additional dependent upon qualifications. Write Box 258, Physics Today, 335 East 45 Street, New York 17, New York.

Physicists, Chemists, and EE's
for research on nuclear-electric batteries, radiation effects, and dielectrics. Radiation Research Corporation, 1114 First Ave., N.Y. 21, N.Y.

standards, technical applications of high-intensity ionizing radiation, reactor safety and location, oceanographic meteorological aspects of the large-scale use of atomic energy, experience in radiological protection, biological effects of radiation, radioactive and stable isotope production and distribution, and the uses of isotopes in agriculture, medicine, and in biology and physiology, as well as in research, control, and industrial technology.

Series 4 (twelve sessions) will consist of papers on raw material supplies, processing of uranium and thorium ores, separation of isotopes, fabrication of fuel elements, and processing of other materials useful in atomic energy.

In its closing sessions the conference will consider the development of international collaboration in the fields of atomic energy in the last few years and also the supply and training of scientific personnel.

Optical Society

THE 1958 spring meeting of the Optical Society of America will be held March 27-29 at the Sheraton Park Hotel in Washington, D. C. In addition to the usual sessions of contributed papers, the program committee, under the chairmanship of John A. Sanderson, is arranging a series of invited papers, listed as follows: "An Observational Approach to Solar Hydrodynamics", Leo Goldberg, University of Michigan Observatory; "Atomic Spectra in High-Temperature Shock Tubes", A. C. Kolb, US Naval Research Laboratory; "Interaction of Radiation and Matter", Frederick S. Brackett, Section on Photobiology, National Institutes of Health; "The Control of Plant Growth by Radiation", Sterling B. Hendricks, Mineral Nutrition Pioneering Research Laboratory, US Department of Agriculture; "Obliquity Effects in Interferometry", C. F. Bruce, National Standards Laboratory, Sydney, Australia; "The Photographic Zenith Tube and Dual Rate Moon Camera", William Markowitz, US Naval Observatory; "The Spectroscopy of Excited Gases", G. H. Dieke, The Johns Hopkins University; and "Coatings for Ultraviolet and Infrared Optics and for the Satellite", Georg Hass, US Army Engineer Research and Development Laboratories.

The Society has indicated that nonmembers who are interested in attending the meeting will be welcome; they may receive copies of the final program by writing to Dr. Stanley S. Ballard, Scripps Institution of Oceanography, San Diego 52, Calif.

Spectroscopy

SEMINARS on selected topics in instrumental analysis and papers in the fields of emission spectroscopy, flame spectroscopy, x-ray spectrography, and infrared, near-infrared, visible, and ultraviolet spectroscopy will be offered by the American Association of Spectrographers at its Ninth Annual Symposium on Spectroscopy. The symposium, to be held June 9-11 at the Pick-Congress Hotel in Chicago, will also include "problem panels" and a display of new instrumentation. Further information can be obtained from Henry J. Hettel,

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