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POSITIONS OPEN

PHYSICISTS

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THE UNIVERSITY OF ALBERTA announces vacancies for three LECTURERS or ASSISTANT PROFESSORS OF PHYSICS

effective September 1, 1956, at beginning gross salaries of \$4,000 or higher, depending on qualifications and experience. Appointments are for two years initially with the prospect of tenure on the satisfactory completion of this probationary period.

Applications should be addressed to the undersigned before March 15, 1956, and should contain biographical details, transcripts of academic record, the names of at least three references, and a recent photograph or snapshot.

**Walter H. Johns, Dean
FACULTY OF ARTS AND SCIENCE
University of Alberta, Edmonton, Canada**

(Daudel, Kimball, McWeeny, Mueller, Shull, Sponer); π -electron theory (Hall, Pariser, Parr, Pople, Pullman); spectra (Coulson, Kasha, Longuet-Higgins, Löwdin, McClure, McConnell, Platt, Ruedenberg, Simpson). Also participating were Crawford, Daily, Duncan, Ellison, Frost, Hornig, Jaffe, Kuhn, Mayer, McMillen, Meckler, Moffitt, Mulligan, Nagakura, Pauling, and Slater. The conferees agreed to the formal statement quoted below:

"The International Conference on Molecular Quantum Mechanics, convened at Austin, Texas, on December 9, 1955, unanimously approves the following recommendation:

"WHEREAS, the past contribution of high-speed electronic computers to the calculation of properties of molecules is impressive, and

"WHEREAS, these properties are of extreme importance to chemistry, physics, and biology, and

"WHEREAS, progress of this work is greatly hampered by the fact that, due to the great cost, high-speed computers are unavailable to most scientists in this field,

"this Conference recommends that governments, industries, foundations, and private philanthropists give special attention to the problem of providing more high-speed computing facilities for use in molecular problems."

F. A. Matsen

The University of Texas

Low-Temperature Crystallography

A conference on low-temperature crystallography is being held in England at the Clarendon Laboratory, Oxford, from April 11-13, 1956. It is being arranged jointly by the x-ray analysis group of the Institute of Physics and the low-temperature group of the Physical Society. The aim of the conference is to bring together x-ray crystallographers and low-temperature physicists in order to explore fields of application of x-ray methods in low-temperature research. Additional information can be obtained from the local secretary: Dr. H. M. Rosenberg, Clarendon Laboratory, Oxford, England.

X-Ray Microscopy

The International Union of Pure and Applied Physics is sponsoring a symposium on x-ray microscopy and microradiography to be held August 16-21 at the Cavendish Laboratory, Cambridge. The symposium will include all techniques of microscopy which employ x-rays, with emphasis placed on physical methods, in theory and practice. Sessions are planned on the reflection method, the contact method, and the projection method, as well as on applications in biology, medicine, metallurgy, and other fields. Those wishing to participate in the symposium should write at the earliest possible date to Dr. W. C. Nixon, Cavendish Laboratory, Cambridge, England.