

MICROWAVE SPECIALIST

Physicist or engineer for the expansion of a small group concerned with research and development in advanced microwave techniques. This group is responsible for the theoretical solution and experimental verification of special electromagnetic or boundary value problems.* Test facilities and a precision microwave shop are available for the test and fabrication of experimental equipment. Both recent graduates and experienced people capable of accepting primary responsibility for the solution of problems of varying degrees of complexity are required.

Excellent opportunities for advancement and advanced study. Salary commensurate with experience and educational level.

*Included in the current investigations are problems in microwave optics; transmission in dielectrics; and antennas, duplexing systems, broadband components, etc., in the millimeter field.

Please send a brief resume to:

Personnel Director

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Research Laboratories

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POSITION OPEN

Physicist

With college or industry background in atomic energy, for challenging position on editorial staff of atomic energy magazine. Send complete resume, state salary desired. Box PT 402, 221 W. 41 St., New York.

POSITIONS WANTED

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(Starting September '54)

Physicist-PhD, with experience. Write Box 154C, 57 East 55 St., New York 22, N. Y.

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As ass't Prof., or allied position wanted. (Ph.D., experience.) Box 254, 57 East 55 St., N. Y. 22, N. Y.

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Education

University faculty members interested in unusual research facilities in physics and mathematics are invited to apply for places in the Research Participation Program carried out by the Oak Ridge National Laboratory and the Oak Ridge Institute of Nuclear Studies. Through this program, faculty members may carry out research in Oak Ridge, principally at the National Laboratory, for periods of three months to one year. In general, according to the Institute, participation should be for six months or more to be of maximum value both to the faculty member and the laboratory concerned. Payment while a person is on leave for research participation at Oak Ridge is equivalent to his university salary. Application should be made approximately six months prior to actual participation. Application forms and additional information may be obtained from the University Relations Division, Oak Ridge Institute of Nuclear Studies, P. O. Box 117, Oak Ridge, Tenn.

California Institute of Technology has decided to experiment with a "3-2 plan", similar to programs carried on at other institutions, whereby students may enroll in certain liberal arts colleges for an agreed-upon three-year program. On the recommendation of his college, the student will then be admitted to Caltech as a junior, and upon satisfactorily completing two more years of work at Caltech he will receive simultaneously the bachelor of arts degree from the college and the bachelor of science from Caltech. For the present, the plan will be limited to not more than five colleges (including Occidental, Pomona, and Whitman College, and two others with which negotiations are now in progress). It has been indicated that the number of participating institutions may be increased if the plan works out to the mutual benefit of the students and the colleges.

The Department of Physics at the University of Pittsburgh has established the O. H. Blackwood Memorial Award to recognize and reward effective teaching by its graduate assistants. The annual award includes a cash prize of one hundred dollars and the payment of dues for the initial year of membership in the American Association of Physics Teachers. The committee for the award will take into consideration student attitudes and the opinion of supervising members of the senior staff in evaluating a candidate's effectiveness as a teacher, his originality, knowledge of physics, integrity and dependability, and qualities of leadership. The fund for the award was provided by friends of O. H. Blackwood, late professor of physics at the University of Pittsburgh, as a memorial to his work as a teacher, as an author of textbooks, and as an active member of the AAPT.

New Facilities

In Brazil, the Universidade do Rio Grande do Sul, located in Porto Alegre, has announced the establishment of a new physical research center (Centro de