



PHYSICISTS ENGINEERS

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Electrical engineers or physicists. Graduate study and experience in digital techniques in data transmission and telemetry.

Ball Brothers Research Corporation, a subsidiary of Ball Brothers Corporation, Muncie, Indiana, offers opportunities to advance professionally in a technically oriented organization of proven competence. Excellent working conditions in new laboratories. Suburban living conditions in university community, mild climate, outstanding summer and winter recreational areas nearby.

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Mrs. S. H. Kimberlin

Ball Brothers Research Corporation

Boulder, Colorado

SCIENCE EDUCATION

According to statistics issued by the US Office of Education, the number of bachelor's degrees granted in scientific fields in 1958-59 increased only 8.25% compared to a 9.5% increase the previous year. The rise in the number of bachelor's degrees in all fields was 5.3% in 1958-59. However, there was an increase of 30% in the number of mathematics baccalaureates, and the physical sciences overtook biology by a small margin in the number of degrees granted.

Within the physical sciences classification, chemistry with 7308 graduates retains an approximate two-to-one numerical lead over physics, the next highest group, with 3809. The increase in chemistry bachelors over the corresponding totals for 1957-58, however, amounted to approximately 4%, while the number of bachelor's degrees awarded in physics rose more than 19%. Engineering graduates increased nearly 8% in 1958-59. There were 28 graduates in astronomy. Master's degrees in physics numbered 915 and doctorates 482. Astronomy had 21 masters and 17 doctors.

The Academic-Year Institutes Program of the National Science Foundation will be continued in 1961-62 with the participation of 43 colleges and universities. The program was started five years ago with the aim of helping science teachers improve their subject-matter knowledge through a year's advanced study on a full-time basis, with emphasis placed on the newer developments in science and mathematics. Approximately 1500 secondary-school science teachers and 75 teachers from liberal arts colleges, teachers colleges, and junior colleges will attend the institutes next year. College teachers participating in the program will be chosen from among those who are primarily responsible for the training of prospective science and mathematics teachers in their own institutions.

Twenty-four of the institutes will specifically include training in physics and, of these, three of the six institutes which are to be centered in physics departments will be open to college teachers as well as to high-school teachers. The Foundation has awarded grants totalling \$9.8 million to the 43 participating institutions. These grants provide for individual \$3000 stipends, with additional allowances for dependents, books, and travel.

All requests for information and application forms should be addressed to directors of individual institutes. A complete list of the 1961-62 institutes is available from the National Science Foundation, Washington 25, D. C. The following partial listing includes only those institutes offering physics training. The name and department of the director is given in each case, and