



PHYSICISTS AND RESEARCH ENGINEERS

UNUSUAL OPPORTUNITIES FOR PROFESSIONAL CAREERS. CHALLENGING PROBLEMS IN:

- High Altitude Physics
 - Nuclear Weapons Effects
 - The Theory of Learning
 - System Planning Studies
 - Theory of Communications
 - Magnetohydrodynamics
 - Informionics
- Owned and Managed by Employee-Scientists
 - Southwest Climate • Advanced Degree Desirable
 - Wide Range of Benefits Including Profit Sharing
 - No Production • No Hardware Development

ADDRESS INQUIRIES TO:

THE
Dikewood
CORPORATION

4805 Menaul Blvd. N.E.

Albuquerque, N. M.

PHYSICIST

THE RADIATION LABORATORY OF
THE JOHNS HOPKINS UNIVERSITY
HAS A POSITION FOR A QUALIFIED
PHYSICIST IN THE FIELD OF:

MAGNETOHYDRODYNAMICS

WITH EMPHASIS ON ELECTROMAGNETIC PROPAGATION AND THE GENERATION OF NOISE IN MAGNETICALLY CONFINED PLASMAS

Favorable Arrangements for Doctoral and Post Doctoral Study in the University Graduate Schools

Faculty Privileges for Senior Staff

Excellent Laboratory Facility Located Near the University Campus

Broad Opportunities for Personal Development

Address Inquiries To:

RADIATION LABORATORY
THE JOHNS HOPKINS UNIVERSITY
Homewood Campus Baltimore 18, Md.

Nominations are made by the students' professors, and candidates are screened by 15 regional committees before the final selection is made. Sir Hugh Taylor, president of the foundation, estimated the total value of this year's awards at \$3 million.

Grants totaling more than \$1.4 million have been awarded to 159 universities and colleges under the Du Pont Company's annual aid-to-education program for 1961-62. The program disburses funds for unrestricted fundamental research in universities, for strengthening science teaching, and for aid in financing new buildings and equipment or the renovation of existing facilities for science education or research.

Radio Corporation of America has awarded sixty-three undergraduate scholarships for the current academic year. The list includes thirty-one RCA Scholarships, ten of which were awarded to physics majors, thirty RCA Science Teacher Scholarships for students preparing to teach science, and two scholarships for graduates of RCA Institutes. Several fellowships for graduate research and study in physics and electrical engineering have also been awarded by RCA. Each includes full tuition, \$2100 for living expenses, and a grant of \$750 to the student's university.

Geophysics Film Series

The National Academy of Sciences has announced the completion of its "Planet Earth" film series. Produced under a grant from the Ford Foundation, the collection includes thirteen 27-minute, 16-mm educational films covering topics in geophysical research which were stressed in connection with the International Geophysical Year. Although inspired by the IGY, the series reviews the development of man's knowledge of the earth since ancient times. Hugh Odishaw of the NAS acted as director of the series, and it was produced by Lothar Wolff of Louis de Rochemont Associates, Inc. The series was issued by the Academy in cooperation with the WGBH Educational Foundation of Cambridge, Mass.

The titles of the films are: (1) The Hidden Earth (seismology); (2) The Shape of the Earth (geodesy); (3) The Force of Gravity; (4) The Inconstant Air (weather and climate); (5) Secrets of the Ice (glaciology); (6) Challenge of the Oceans (oceanography); (7) Our Nearest Star (the sun and solar activity); (8) The Flaming Sky (aurora); (9) Magnetic Force (the earth's magnetic field); (10) Radio Waves (including the ionosphere and radio astronomy); (11) Cosmic Rays; (12) Research by Rockets; and (13) Science in Space (satellite and space probe research).

McGraw-Hill Book Company, Inc., will distribute the films either severally or in sets, both in the United States and abroad, to educational and research institutions at a price of \$80 for black and white prints and \$150 for color prints. The entire series is available for preview at McGraw-Hill Text Films, 330 West 42nd St., New York, N. Y.