

Grants and Fellowships

Applications to the National Science Foundation for senior postdoctoral fellowships or science faculty fellowships will be accepted by NSF through October 15. Both fellowships carry stipends to a maximum of \$12 000 (adjusted to match as closely as feasible the regular salary of the recipients), and they are henceforth to be awarded annually in December rather than biannually as in the past. To be eligible for senior postdoctoral fellowships, candidates must be citizens of the US with special aptitude for advanced training and must have held the doctoral degree for at least five years or have equivalent education and experience. Science faculty fellowships are intended for college science teachers who wish to improve their competence as teachers. Applicants must be US citizens holding the baccalaureate degree or its equivalent who have taught full time in college for at least three years and intend to continue teaching. Application forms can be obtained from the Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D.C.

A second group of NSF fellowships under the regular postdoctoral program will be awarded during 1958, according to the Foundation. The deadline for submitting applications is September 2, and the names of successful candidates will be announced on October 15. The regular postdoctoral fellowships carry stipends of \$3800 per year, and candidates must be US citizens with the doctoral degree or its equivalent in training or experience. Application forms can be obtained by writing to the National Academy of Sciences—National Research Council, 2101 Constitution Avenue, NW, Washington 25, D.C.

Applications for research grants in any field of science, usually in amounts not to exceed \$1500, are being received by the American Academy of Arts and Sciences. Application forms, to be filed by September 1 for early fall awards, may be obtained from The Chairman, Permanent Science Fund Committee, American Academy of Arts and Sciences, 280 Newton Street, Brookline 46, Mass.

Bergen Davis, emeritus professor of physics at Columbia University, died in St. Luke's Hospital in New York City on July 1st following a heart attack. He was eighty-nine. A graduate of Rutgers University, he received his doctor's degree in physics at Columbia in 1901. During the next two years he travelled abroad as a Tyndall fellow, studying first at Göttingen and later at Cambridge. In 1903 he joined Columbia's Physics Department faculty and by 1918 he had become a full professor of physics. He retired from teaching in 1939 because of ill health. A recipient ten years earlier of a Research Corporation medal for his contributions to basic research, Prof. Davis was primarily concerned with investigations in electron physics and x-ray analysis. He was a member of the Optical Society of America and a fellow of the American Physical Society.

PHYSICISTS for advanced work in PROPULSION

Lockheed Missile Systems Division, recently honored at the first National Missile Industry Conference as "the organization that contributed most in the past year to the development of the art of missiles and astronautics," has positions for Ph.D. physicists at its Palo Alto facility in the Stanford Industrial Park, for experimental and theoretical work in advanced propulsion.

The investigation of new ideas for space craft propulsion — electrical and ionic propulsion, plasma jets and solar sailing — is fundamental to the work. A knowledge of nuclear reactors, thermonuclear processes and rocket science is desirable.

Please write to Professional Placement Staff, Lockheed Missile Systems Division, Sunnyvale 9, California.

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