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"to meet an urgent need for basic research relevant to underground nuclear test detection". Stewart W. Smith, assistant professor of geophysics at Caltech for the past year, has been appointed to the new post with the title of Air Force Office of Scientific Research Professor of Geophysics. For the first ten years, the Air Force grant will finance the professorship, after which Caltech will continue it without further assistance. In awarding its first such long-term grant, AFOSR said that it will "consider establishing positions at other universities where basic research advances required for Air Force technological progress are severely limited by short-term support and can be attained only by long-term support".

Fellowships

The fall announcement of *Fellowship and Research Opportunities in Mathematics*, prepared by the Division of Mathematics of the National Academy of Sciences—National Research Council, calls attention to the availability of specific fellowships and support programs for basic research in mathematics at both the predoctoral and postdoctoral levels to be awarded during 1962–63. Copies are available from the Division of Mathematics, National Academy of Sciences—National Research Council, 2101 Constitution Avenue, Washington 25, D. C.

Additional sources of support in mathematics and the sciences are included in the bulletin, *A Selected List of Major Fellowship Opportunities and Aids to Advanced Education*, which is available from the NAS-NRC Fellowship Office.

Two fellowships for women holding doctoral degrees are being offered by the American Association of University Women. The Marie Curie fellowship in radiology, physics, or chemistry carries a stipend of \$5000 and is open to women who are French or American citizens. The Sarah Berliner fellowship in physics, chemistry, or biology also carries a \$5000 stipend and is open to women of any country represented in the International Federation of University Women. The deadline for applications is December 1. Prospective applicants should write to the Fellowships Office, AAUW Educational Foundation, 2401 Virginia Ave., N.W., Washington 7, D. C.

Fourteen students have been named recipients of Daniel and Florence Guggenheim Fellowships for graduate study during 1962–63 in jet propulsion, spaceflight sciences, and flight structures. The awards provide full tuition and stipends (up to \$2000) for study at Princeton University, the California Institute of Technology, and Columbia University. The fellowships are awarded annually by the Daniel and Florence Guggenheim Foundation of New York City to students who are residents of the United States or Canada and who are interested in rockets, jet propulsion, flight structures, or astronautics.