flexible, depending on the school's need and the auxiliary facilities available on the individual campus. Further information concerning the Mobile Isotopes Training Program is available from University Relations Division, Oak Ridge Institute of Nuclear Studies, P. O. Box 117, Oak Ridge, Tenn.

Fellowships

Applications will be accepted through October 5 by the National Science Foundation for fellowships under the Senior Postdoctoral and Science Faculty Fellowship programs. Awards will be made in the physical, mathematical, medical, biological, and engineering sciences. Annual stipends to a maximum of $12 000, adjusted to match as closely as feasible the salaried income of the recipients, will be awarded under both of these programs. Fellows may engage in study and/or research at any accredited nonprofit institution of higher education in the US or any nonprofit foreign institution of higher education. A limited allowance to aid in defraying the cost of travel for a fellow and his dependents will also be available.

To be eligible for senior postdoctoral fellowships, candidates must be US citizens with special aptitude for advanced training, and must have held the doctoral degree for at least five years or have equivalent education and experience. Senior postdoctoral fellows will be selected on the basis of ability as evidenced by letters of recommendation and other evidence of scientific attainment. Candidates' qualifications will be evaluated by panels of scientists operating under the aegis of the National Academy of Sciences—National Research Council. Final selection of approximately 75 fellows will be made by the Foundation.

The science faculty fellowships are directed toward college teachers of science, mathematics, or engineering who wish to improve their competence as teachers. These fellowships are open to application by any US citizen who holds a baccalaureate degree or its equivalent, has demonstrated ability and special aptitude for science teaching and advanced training, and has taught at the collegiate level as a full-time faculty member for not less than three years and intends to continue teaching. Selections will be based on letters of recommendation, academic records, and other appropriate evidences of professional and scientific attainment and competence. Applicants' qualifications will be evaluated by panels of scientists operating under the aegis of the Association of American Colleges. Final selection of approximately 300 fellows will be made by the Foundation.

Application materials may be obtained from the Fellowships Section, Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D. C.

The Science Foundation will also offer approximately 550 fellowships for graduate teaching assistants in the sciences, mathematics, and engineering for the

summer of 1960. Teaching assistants at the participating institutions will apply through their own schools and, after being screened and evaluated by their faculties, applicants will be evaluated for the Foundation by panels of scientists especially chosen for this task by the National Academy of Sciences—National Research Council. Grants will cover stipends ranging from $50 to $75 per week, tuition, and fees. Application materials may be obtained from the graduate dean of a participating institution, or from the Fellowships Section, Division of Scientific Personnel and Education, National Science Foundation, and must be submitted to the graduate deans by December 11.

Awards

The 1960 Science Teacher Achievement Recognition (STAR) program of awards for teachers is intended to "encourage the reporting and dissemination of outstanding ideas in the teaching of science". The program is being conducted by the National Science Teachers Association under a grant from the National Cancer Institute of the US Public Health Service. Entries, in the form of reports, may be submitted on the following types of activities: teacher demonstration, laboratory exercise, curriculum construction or revision, extra-curricular or co-curricular activity, teacher or pupil projects, science teaching methods, research in science or science education, or an educational program planned and executed jointly by a school and a local community health agency. Recognition will be in the form of cash awards (the first award is $1000), medallions, plaques, and certificates of merit. The closing date for submission of entries is December 15. The official entry form and related materials may be obtained from STAR '60, National Science Teachers Association, 1201 Sixteenth Street, N. W., Washington 6, D. C.

Winners of this year's awards for the best essays on gravity have been announced by the Gravity Research Foundation, New Boston, N. H. The first award of $1000 was given to J. Weber of the University of Maryland for a paper entitled "Gravitational Waves", in which he described the possibility of detecting gravitational signals from distant transmitters by converting them to an electrical signal which could be measured. The second award went to M. E. Rose of Oak Ridge National Laboratory for his essay, "A Proposed Experiment for the Investigation of Antigravity". The third prize was won by H. Bondi of the University of London for his paper, "On the Physical Nature of Gravitational Waves"; the fourth by Huseyin Yilmaz of the Institute for Advanced Study for "Two Master Experiments to Test General Relativity"; the fifth by Maurice Allais of Paris, France, for "New Theoretical and Experimental Research Work on Gravity"; and honorable mention went to O. Costa de Beauregard of the Institute Henri Poincare in Paris for a paper on "The Hypothesis of the Inertial and Gravitational Spin Effects".