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Henry DeWolf Smyth, Joseph Henry Professor of Physics at Princeton, has been named as the board's chairman and will have the rank of dean.

Science Education

A new experiment in cooperative education, combining graduate studies and research in engineering and the physical sciences, will be initiated this fall at the University of Cincinnati in its College of Engineering and Graduate School of Arts and Sciences. The program will combine study for master's and doctor's degrees with basic research under fellowships sponsored by industry. The graduate researchers will work on basic problems selected in a field of mutual interest to both the University faculty and the industry sponsor. Doctorates in physics and in chemical and metallurgical engineering will be offered first. It is hoped the program may be expanded later into other areas. A second University of Cincinnati program to be started this September involves industry-sponsored applied research projects to be carried out by engineering juniors and seniors.

Western Reserve University in Cleveland has received a \$19,180 grant from the National Science Foundation to assist in inaugurating its undergraduate research participation program in the sciences. The program's objective is "to determine if by providing superior undergraduates with an opportunity for actual research participation, they can make an important contribution to science education". According to the Foundation the success of the venture will be judged in terms of the educational experiences offered to the undergraduates, each of whom will be under the supervision of experienced scientists. Members of the Western Reserve Physics Department who will help to direct the program include John K. Major, William T. Achor, Stefan Machlup, John D. Nixon, Berol L. Robinson, and Gerald E. Tauber.

The Atomic Energy Commission expects to start a new program this fall which will provide students in small colleges with the opportunity for specialized training in the techniques of using radioisotopes. A 35-foot, bus-type, mobile training laboratory will be moved from campus to campus for presentations of two-week concentrated courses on the basic techniques of handling radioisotopes. Scientists and technicians from the Oak Ridge Institute of Nuclear Studies, which will administer the program for the Commission, will accompany the mobile radioisotope laboratory to lecture and direct laboratory experimentation. Available initially to colleges in the South and Southeast, the course will be a condensed version of one that has been conducted in Oak Ridge by the Institute since 1948. The mobile laboratory will be equipped with hoods and sinks and will be able to accommodate six students at a time. Dual laboratory sessions, alternated with lectures, will permit 12 students to participate in each course. The number to be trained at a particular institution will be

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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