

ters and supporting material in triplicate should be sent to Dr. Robert S. Morison, Room 5500, 49 W. 49 St., New York 20. The closing date for applications is 1 Mar.

■ A Swedish-American exchange fellowship program to promote closer coordination in cancer research has been established by the American Cancer Society and the Swedish Anti-Cancer Society. An agreement was signed on 21 Jan. at the American group's headquarters in New York.

The arrangement provides for \$10,000 from the American organization and a like amount from the Swedish body to finance the program. Arne Tiselius, former president of the Swedish society's research board, and Mefford R. Runyon, executive vice president of the American society, signed the commitments. The project was initiated as the result of a recommendation by the Committee-on-Growth of the National Research Council.

■ A prize contest for engineers and designers for the best new applications of thin gage and/or high-precision tolerance stainless steel strip has been announced by the American Silver Company. Complete information and entry blanks may be obtained from the Chairman, Prize Awards Committee, American Silver Company, Flushing 54, N.Y. Thirty-one separate cash awards will be made in the contest, which closes at *midnight, 30 May 1956*. First prize is \$350.

In the Laboratories

■ The Atomic Energy Commission has announced approval of a program to encourage private industry to build and operate plants for the chemical processing of irradiated fuel elements from research and power reactors. Chemical processing plants perform the operations of recovering the fissionable and fertile materials present in the irradiated fuel elements for re-use, and of converting the radioactive fission products into disposable or usable forms. So far these operations are being performed only by Government-owned plants at various AEC sites.

To encourage industry to build its own plants for these purposes, the AEC will make available (i) commission technology in the field of chemical processing, and (ii) limited amounts of certain irradiated fuel materials from AEC reactors for processing by industry.

Firms must submit acceptable proposals to the commission at a date to be specified, probably approximately 18 months from now.

AEC facilities may be utilized by private firms for research and development and training in connection with the chemical processing field. The full costs of such utilization would be defrayed by the user.

In evaluating the proposals, the commission will take into consideration such factors as the advancement of chemical processing technology that will result from construction and operation of the proposed plant, reasonableness of prices, size, and start-up date of the commercial plant, and assurances against abandonment of the project.

Another criterion on which proposals will be evaluated is the manner in which the waste disposal problem will be handled. This criterion has been established in order to give industry the greatest possible incentive to reduce the cost and risks connected with this operation and to develop economical uses for the radioactive materials that are now generally regarded as waste products.

On the basis of its evaluation, the commission may select one or more of the proposals that it receives, or it may reject all of them. Further details about the program, together with certain classified information useful in the preparation of the proposals, will be made available to all interested and qualified companies.

■ The International Business Machines Corporation has established a new independent research organization. The new group will remain within the company's research and engineering department in Poughkeepsie, N.Y., but will be independent of its parent. It will be headed by Ralph L. Palmer, formerly I.B.M. director of engineering.

I.B.M. has also announced that a portion of the company's present engineering operations at Poughkeepsie will be reorganized into a product development laboratory. The new laboratory will be directed by Horace S. Beattie, former manager of the Poughkeepsie Engineering Laboratory.

Miscellaneous

■ The first issue of a new monthly bulletin, *Progress in Health Services*, has been issued by the Health Information Foundation, an organization that is sponsored by 200 companies in the drug, pharmaceutical, chemical and allied industries. This leaflet will interpret health statistics for the layman.

■ The Iranian Ministry of Education invites applications from qualified teachers to lecture in the provincial colleges of Tabriz, Shiraz, and Mashad, and at the University of Teheran. Openings are in

the following subjects: internal medicine, anatomic pathology, microbiology, serology, anatomic physiology, psychiatry and nervous diseases, chemical biology, preventive medicine and hygiene, parasitology, histology, microbiology, physics, chemistry, physiology, animal biology, and urology.

Maximum salaries in the colleges are approximately \$380 per month; at the university, \$625, with an additional allowance for rental. The Ministry of Education will also pay traveling expenses for the teachers and their families to and from Iran. Inquiries and applications should be addressed to the Iranian Embassy, Washington 8, D.C.

■ The University of Melbourne, Melbourne, Australia, has open a position as professor of agriculture. Closing date for receipt of applications in Australia is 15 Mar.

■ Drawings and models of the inventions of one of the colorful figures of the late 18th and early 19th centuries—Benjamin Thompson (Count Rumford)—are on display this month at Harvard University. Count Rumford devoted much of his research to the development of an efficient and simple coffee maker and is generally credited with being the first to produce a drip-type coffee pot. A description of this invention was carried in his essay "Of the excellent qualities of coffee" published in 1809.

Count Rumford's scientific curiosity covered a wide range: he conducted research in photosynthesis; he devoted a number of years to experiments that resulted in improvements in oil lamps; and he developed a portable cooking stove that freed housewives from their complete reliance on the fireplace.

■ N. R. Brewer, veterinarian at the University of Chicago, is interested in obtaining dogs with leukemia, dogs with symptoms of muscular dystrophy, dogs with certain types of cancer, dogs with anemia, diabetic dogs, dogs with pancreatic disease, and dogs with senile cataracts. These animals are needed to try specific treatments still in the research stage. They will be used for no other purpose. The University of Chicago will make arrangements for transportation, and there will be no charges involved for the treatment of any of these cases.

Ample funds are available for transporting dogs with symptoms of leukemia or muscular dystrophy from any part of the country. Limited funds are available to transport dogs with cancer, anemia, senile cataracts, diabetes and pancreatic disease. Those who wish to help this project should communicate with Brewer at 951 E. 58 St., Chicago 37, Ill.