New Institutions Eligible For Research Support Under DRFR Program

Approximately 200 new institutions will become eligible to receive general research support grants during Fiscal Year 1963 through expansion of the NIH program by the recently established Division of Research Facilities and Resources.

The newly eligible institutions in elite accredited schools of pharmacy, nursing, veterinary medicine, hospitals, and other non-profit organizations already heavily engaged in health-related research.

During FY 1962, eligibility for a General Research Support Grant was limited to schools of medicine, dentistry, osteopathy, and public health.

Criteria for the expanded grants assistance program are:

1. The organization must be a "not-for-profit" organization.
2. Each organization must have received $100,000 or more in NIH research grants in its own right during FY 1962 (omitting grants for research training, research fellowships, research career awards, research construction, NIH-sponsored special resource centers which are regional in nature, and NIH-sponsored primate centers); and
3. Each organization must possess a current Internal Revenue Service tax-exemption letter or other equivalent evidence indicating it is a "not-for-profit" organization.

Brain Tumors Produced By SV-40 Inoculations

The first occurrence of gliomas (tumors of the brain) following intraocular inoculation of a virus, has been reported by Dr. Ruth Kirschstein, Chief of the Section on Pathology; and Dr. Paul Gerber, Chief of the Section on Tissue Culture, Division of Biological Standards. The tumors in newborn Syrian hamsters occurred in the ependyma—the lining of the brain ventricles.

The study was undertaken in the light of earlier work by Dr. Kirschstein, and Dr. Alan S. Rabon, of the Pathologic Anatomy Branch, National Cancer Institute, which showed the newborn hamster's marked susceptibility to the induction of tumors following intracerebral inoculation of polyoma virus.

Monkeys Studied

Subsequently, Dr. Bernice Eddy, Chief of the Section on Experimental Virology, DBS, and her associates reported that extracts of rhesus monkey kidney cell cultures produce subcutaneous sarcomas when inoculated into newborn hamsters, and later, that similar subcutaneous sarcomas in hamsters can be induced by inoculation of

(See BRAIN TUMORS, Page 3)

Reorganized Program Planning Office Includes 4 Branches, 6 Sections

Reorganization of the Office of Program Planning, Office of the Director, was approved August 31 by PHS Surgeon General Luther L. Terry. Under the revised structure, OPP will consist of the Office of the Chief and four branches—the Program Analysis and Statistics Branch, the Legislative Reference and Liaison Branch, and the Resources Analysis Branch.

In requesting the reorganization, Dr. James A. Shannon, Director of NIH, stressed the need for strengthening the overall capability of the National Institutes of Health in the area of program analysis and operating statistics, to add a greater measure of deliberation to the NIH role in the further development of Federal medical research activities.

Continues as Chief

Joseph S. Murtaugh, who has been Chief of the Office of Program Planning since September 1960, will continue to hold that responsibility in providing the analyses and assessments forming the basis for NIH policy and program determinations, and in advising on the nature, scope, and magnitude of NIH programs for the conduct and support of research.

Peyton Stapp, Regional Statistician and Director of the Statistical Division of the United Nations' Economic Commission for Latin America in Santiago, Chile, will be the Chief of the Program Analysis and Statistics Branch.

Responsibilities Outlined

Three sections will be included in the Branch: the Operating Statistics Section, Program Studies Section, and the Analysis and Design Section.

The branch will assume the responsibilities of the now defunct Program and Special Studies Section. Additionally, the functions and staff of the Design and Analysis Section, Statistics and Analysis Branch, Division of Research Grants, will be transferred to the new OPP branch.

Danny Kaye Film Is First In R&W Winter Series

"The Inspector General," starring Danny Kaye, will be the first attraction in the fall series of free films presented here under the auspices of the Recreation and Welfare Association of NIH.

Screenings are scheduled for Saturday and Sunday, September 15 and 16, at 8 p.m. in the Clinical Center auditorium.

Employees, their guests, and CC patients are invited to attend.

NIH Employee Health Service Schedules Flu Shots During Next Three Weeks

The NIH Employee Health Service has announced that all employees wishing to receive influenza vaccine will be given inoculations during the next three weeks.

According to Dr. John M. Lynch, Chief of EHS, two injections, two months apart, are necessary for immunization. Those who were immunized last year, however, will need only a single booster injection this year.

NIH employees, with the exception of those in Bldg. 31, may be vaccinated next week, Monday through Friday, from 1:30 to 4:30 p.m., in the Clinical Center Health Unit, Rm. B2A06. EHS has established the following schedule, as determined by the first initial of the last name:

A-D September 17
E-H September 18
I-L September 19
M-P September 20
Q-Z September 21

Bldg. 31 employees are requested to report to the North Health Unit, Rm. B2B34, for their shots on September 25 and 26, from 1:30 to 4:30 p.m.

Vaccinations will be available to Robin Bldg. employees on October 3, from 10 a.m. to 1 p.m. The location in the Robin Bldg. will be announced there later.

Night-duty personnel may report to Health Units for vaccination in the mornings at the end of their duty hours.

DBS Biometrics Section Headed by Dr. Maloney

Dr. Clifford J. Maloney, Chief of the Biometrics Division, U. S. Army Chemical Corps Biological Laboratories, Fort Detrick, Md., has been appointed Chief of the Biometrics Section, Division of Biological Standards.

In his new position, Dr. Maloney will establish a statistical group which will apply biometric techniques and theory to all phases of the DBS program. He will also advise staff members to insure that the Division's work conforms with accepted statistical practices.

Before joining the Army Chemical Corps Biological Laboratories in 1947, Dr. Maloney was a Research Associate at Iowa State University.

A native of North Dakota, he received his B. S. degree from North Dakota State University in 1934 and his M. S. degree from the University of Minnesota in 1937.

Dr. Maloney

Responsibilities Outlined

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The responsibilities of the branch include:

- The summarization, presentation, and analysis of operating statistics and program data to meet (See REORGANIZATION, Page 5)
Mary Meyer Appointed Head of New OD Unit
To Provide Improved Conference Management

Mary Meyer, Administrative Assistant to Dr. James A. Shannon, NIH Director, has been appointed Manager of a newly established unit, Conference Services, within the Office of Dr. Stuart M. Sussman, NIH Deputy Director.

The new unit will provide improved management and supportive services to approximately 144 external advisory groups which hold periodic conferences and seminars at NIH.

These groups include the National Advisory Councils, Boards of Scientific Counselors, NIH Study Sections, Institute Fellowship Review Panels, NIH Training Committees, and various ad hoc advisory groups.

The unit will provide typing and duplicating services to the conferences; make arrangements for special meetings with the Surgeon General and other PHS officials, the White House staff, scientific groups within the Washington area, provide transportation to and from off-reservation meetings, and confirm plane and train reservations.

It will also provide coffee during meetings and make full-course dinner arrangements.

Mrs. Meyer came to NIH in 1947 as a secretary in the Microbiological Institute, a forerunner of the National Institute of Allergy and Infectious Diseases. In 1948 she became secretary to Dr. H. Trendley Dean, then Director of the National Institute of Dental Research. In 1950 she was named secretary to Dr. Rella E. Dyer, Director of NIH from 1942 to 1950.

Following Dr. Dyer's retirement, she served as administrative assistant to his successor, Dr. William H. Sebrell, Jr., and has served as Dr. Shannon’s administrative assistant since his appointment as NIH Director in 1955.

Mrs. Meyer's offices are in Conference Room 1, Bldg. 31, and in Stone House. The telephone extensions are 6161 in Bldg. 31, and 5881 in Stone House.

2nd Army Showmobile To Bring Circus to NIH

The United States Second Army will present its Showmobile production, "A World of Wonder," in the CC auditorium September 18 at 8 p.m. Although the performance has been arranged especially for CC patients, NIH employees, their families, and friends are invited to attend free of charge.

The musical will feature marches and melodies of the circus. All the excitement of the Big Top is promised, including clowns, gypsies, and sideshows.

This will be the third visit to NIH of the Second Army's Showmobile. Earlier presentations were "A Persian Fantasy" and "Impressions in Time."

The musical will feature marches and melodies of the circus. All the excitement of the Big Top is promised, including clowns, gypsies, and sideshows.

This will be the third visit to NIH of the Second Army's Showmobile. Earlier presentations were "A Persian Fantasy" and "Impressions in Time."

Plant Safety Branch urges NIH employees to use eye-protection devices when exposed to the hazards of ultraviolet light, corrosive liquid splashes, missiles from explosions, glass from implosions, and lathes and drill turnings. Corrective lens glasses, shields, and piano spectacles may be obtained by calling Miss Hargett, Ext. 4245.

BRAIN TUMORS
(Continued from Page 1)

a preparation containing SV-40.

In this study, reported in Nature magazine, large doses of SV-40 Strain 777 were injected into the right cerebral hemisphere of each newborn hamster of a single litter; another litter served as control.

On the 100th day two of the virus-inoculated hamsters became weak and lethargic. This condition rapidly progressed to complete paralysis of all limbs. A third hamster developed similar paralysis 11 days later.

Examination revealed brain tumors in the three paralyzed hamsters and in one apparently healthy hamster. In each animal the tumor filled the lateral cerebral ventricles of the brain. The tumors were classified histologically as ependymomas—true gliomas of the brain.

5. Form PHS-1912, which provides for the approval of overtime, must be submitted in duplicate to the authorizing official prior to the scheduled overtime.

maximum rate of GS-15.

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REORGANIZATION
(Continued from Page 1)

OD requirements, and the provision of technical direction for the development of data processing at NIH;
• Coordination of the data collection activities of DBG and other NIH Institutes and Divisions with requirements of the OD; and
• The maintenance of liaison with PHS, DHEW, and other agencies concerned with the collection and utilization of data on research and research training activities.

Under present plans, the DRG Statistics and Analysis Branch will have continuing responsibility for data collection and processing in relation to grants and awards for general information purposes. A later redesignation of the branch name will reflect its revised functions.

Chief of the new Special Projects Branch will be George L. Payne, presently Head of the Program Analysis and Special Studies Section.

Functions Described

Functions of the new branch include:
• The preparation of staff documents covering major NIH programs and policy development for internal use, the Surgeon General, the DHEW staff, the Congress, and other agencies;
• The preparation of testimony and statements for use of the NIH Director or Deputy Director in appearances before Congressional committees and other groups requiring formal knowledge of NIH policy, program plans, or operational viewpoints;
• The coordination of activities and materials relating to the public appearances and participation of the Director and Deputy Director in national and international conferences;
• The general direction of the activities of the historical functions at NIH; and
• The development of program materials, charts, slides, and exhibits covering—for analytical use—the nature and scope of NIH programs.

The two other branches in the reorganized OPP have been elevated from section status.

Studies External Conditions

The Resources Analysis Branch, under its Chief, Dr. Herbert H. Rosenberg, Head of the former Section, will conduct studies of the external conditions, trends, and influences significant to the health sciences, and will serve as the prime source of intelligence within the Federal Government on infor-

NEW HEART VALVE IN USE AT CC

Five people from widely diversified walks of life look with interest at a small 'gadget' that they all share in common. The 'gadget,' held by Dr. Lynn Fort, Clinical Associate in the National Heart Institute's Surgery Branch (second from left), from West Palm Beach, Fla., is an artificial heart ball valve. In each of these five persons' hearts, a floating silicone rubber ball like the one Dr. Fort is holding, has replaced a faulty mitral valve, thus facilitating flow and preventing backflow of blood between the two left heart chambers. The valve, developed in 1961 by Dr. Albert Starr of the University of Oregon, has been in use at the National Heart Institute for the past nine months. Others in the photograph are (from left), Morris Schaff, a salesman from North Miami Beach, Fla.; Mary Ruth Grant, Soncora, S. C.; Emil Bentley, a coal miner from Littcrr, Ky.; and Candy Conedera, a dancer from Tampa, Fix.—Photo by Jerry Hecht.

Dr. Kraybill Is Director,
Committee on Smoking

Dr. Herman F. Kraybill, Special Assistant to the Associate Director for Field Studies, National Cancer Institute, has been named Executive Director of Surgeon General Luther L. Terry's Advisory Committee on Smoking and Health. He will continue to hold his position with NCI while serving on the committee.

Plans for the investigation, the first Government-sponsored study of the effects of smoking on health, were announced recently following a meeting of Dr. Terry with representatives of Federal agencies, medical groups, and the tobacco industry.

Medical Coordinator for the group will be Dr. Peter V. V. Hamill, Chief of Epidemiologic Investigations, PHS Division of Air Pollution Control.

Hobby Show Scheduled

The Clinical Center Patients' Annual Occupational Therapy and Hobby Show will be held in the CC 14th floor assembly hall Thursday, September 20, and Friday, September 21. Exhibit hours are 6:30 p. m. to 9 p. m. on the 20th, and 9:30 a.m. to 4:30 p.m. on the 21st. NIH employees are invited to visit the displays to see examples of patients' accomplishments while participating in the NIH research program.

Mechanism Discovered For Synthesis of AMe

The mechanism of the synthesis of the methyl group donor, (-) -S-adenosyl-L-methionine (AMe), important in a majority of the naturally occurring methyl transfer reactions in all forms of life including the production of such neurohormones as epinephrine and choline, has been discovered by Dr. S. Harvey Mudd of the Laboratory of Cellular Pharmacology, National Institute of Mental Health.

Although the importance of AMe has been known for years, the mechanism of its synthesis remained unexplained. Using a newly developed method of separation, Dr. Mudd discovered the intermediate steps in the enzymatic synthesis from ATP and methionine and presented a three-step pathway for the synthesis, catalyzed by the methionine-activating enzyme. The only intermediates involved in this pathway are bound to the enzyme with great specificity.

This reaction is one of the few proven cases where an enzyme, in this case the methionine-activating enzyme, preferentially speeds up one direction of a reversible reaction, the synthesis of AMe. The tight binding of the products by the enzyme found to be one cause of the speeding up of the synthesis, may be applicable to other enzymatic reactions.

Post Office, Film Desk
Move to New Quarters
In CC Next Month

The NIH Post Office, operated under the aegis of the Recreation and Welfare Association of NIH, will move on or about October 1 from its present quarters on the B-1 level of the Clinical Center to the area recently vacated by the NIH Federal Credit Union move to Bldg. 91.

Also moving to the new location in Room B1C27 will be the R&W Film Desk, now located in the CC lobby behind the elevators.

In its new location, the post office will operate as an R&W mailing service rather than a contract station of the United States Post Office Department.

All types of stamps—regular, four-cent, and three-cent, special delivery, and special handling, "First Day of Issue," and commemorative stamps—will be on sale as usual.

However, the sale of Postal Money Orders will be replaced by commercial money orders guaranteed redeemable throughout the United States by the issuing corporation.

The handling of money orders will be an R&W innovation. Previously, according to Laurence E. Ring, R&W Manager, "our clerks had to fill out the forms and do all the figuring by hand. We're going to install machines to do the work now.

Speeds Operation

"All the clerk has to do is to punch a few buttons, the money order is written, and the customer will be on his way. We think the speed and ease of this operation will be a big factor in its coming popularity. And the money order will cost no more than they did before," he adds.

Mr. Ring regrets that it will be necessary to discontinue the registration of mail, but he points out that the NIH Post Office has had comparatively little demand for this service and its discontinuance will be more than offset by the greatly expedited handling of parcel post. Automation will take over here by the use of metered postage rather than the time-consuming method of totaling postage due by hand.

The R&W Film Desk move is expected to be a more convenient aid to NIH employees in its new location, to the right of the Barber Shop, the Beauty Shop, the Bank of Bethesda, and the CC magazine stand.

"I'm sure," Mr. Ring says, "that everyone will approve of all of these service departments being brought under one roof. We will have a single line, and besides, congestion will be eliminated on pay days when the Post Office lines won't conflict with the bank lines."
REORGANIZATION
(Continued from Page 3)

Light House Program Benefits Many

Judy Manning of the Public Information Section, Office of Research Information (right), looks over household products made at the Columbia Light House for the Blind, and displayed by Carl Gerhardt, Light House representative (left), in the Bldg. 31 cafeteria. The Columbia Light House, a non-profit organization devoted to the vocational rehabilitation of the blind in the Washington area, periodically maintains sales stands in Government buildings. The blind-made items will again be on sale this week at the entrance to the Bldg. 1 Cafeteria. Among other non-profit services, the Columbia Light House provides NIH with pillow cases through the General Services Administration.—Photo by Sam Silverman.

Medical History Society To Meet Here Sept. 25

The first fall meeting of the Washington Society for the History of Medicine will be held Tuesday, September 25, at 8 p.m. in Wilson Hall.

Following a short business meeting, two papers will be presented, “Some Problems in the History of Health in Ancient Greece,” by Dr. J. Lawrence Angel of the Smithsonian Institution, and “Surgeon General William A. Hammond, Neurologist and Novelist,” by Capt. Lawrence C. McHenry, Jr. of Walter Reed Medical Center.

Officers of the Society for the coming year are Dr. Peter D. Olch, Clinical Center, President; Dr. Edwin M. Lerner, National Institute of Allergy and Infectious Diseases, Vice President; Helen R. Purtle, Army Medical Museums, Secretary; and Dr. William L. Fox, Montgomery Junior College, Treasurer.

Members of the Executive Committee are Dr. Robert B. Livingston, National Institute of Mental Health, Morris C. Leikind, Division of Research Grants, and Dr. John Blake, National Library of Medicine.

An affiliate of the American Association for the History of Medicine, the Society was organized at NIH in February 1961, to stimulate interest in the history of medicine and the biological sciences. It invites membership of anyone in the Washington area interested in the history of medicine. Meetings are held monthly, except during July and August. Annual dues are two dollars.

'Times' Articles Reprints Available in New Supply

A new supply of the picture magazine publication, "Research at the National Institutes of Health," has been received by the Office of Research Information.

Based upon a series of six articles written for the New York Times by Harold M. Schmeck, the publication is illustrated with photographs of NIH in action and presented in a format similar to that of the Times Sunday Magazine.

The first printing proved so popular both here and at other Federal agencies that it was exhausted within a few weeks after publication last May.

Copies of the second printing—published No. 920—may be obtained without charge from Institute and Division Information Offices and from the OKI Public Information Section, Bldg. 31, Rm. 5B35, Ext. 2355.