BIOLOGICS STANDARDS DIVISION ESTABLISHED; LARSON NAMED CHIEF

By a Departmental Order dated June 8, Secretary Hobby created a new organization at NIH—the Division of Biologies Standards. Established to reflect the expanded NIH program in biologies control, the Division replaces the former NMI Laboratory of Biologies Control. The new program has divisional status (comparable organizationally to an institute) and thus will be responsible to the NIH Director.

In making the announcement, Surgeon General Leonard A. Scheele explained that the creation of the new Division "has become necessary...in order to deal with increasingly complex problems in the biologies field, among them the virus vaccines." The need for an expanded program was highlighted by problems encountered in the testing and clearing of the Salk poliomyelitis vaccine.

The reorganization will result in an augmented professional staff for the new Division, expansion in the amount of testing and plant surveillance conducted by NIH, expansion of research related to the development and control of biological products, and strengthening of supporting services such as administration, records management, and statistics.

Dr. Carl L. Larson, Director of the NMI Rocky Mountain Laboratory, in Hamilton, Mont., has been

Polio Vaccine Report

The PES's role in the much-publicized poliomyelitis vaccine situation is thoroughly explained in the Surgeon General's Technical Report, issued early this month. Copies of the Report are on file in the NIH Library.

MARYLAND INCOME TAX DEDUCTIONS TO BEGIN

Starting in July, Maryland State Income Tax will be withheld from the salary check of each NIH employee. This is in accordance with an agreement signed May 18 by the U. S. Treasury Department and the State of Maryland. The deduction will apply to all officers and employees working regularly in the State, regardless of their place of residence.

First paychecks to be affected by the change will be issued to Civil Service employees on July 26 and to Commissioned Officers on July 31. With this check, each employee will receive a deduction statement and an explanation of the new policy.

A record of total earnings and deductions for State tax, similar to that prepared for the Federal tax, will be sent to each employee at the end of the year, or at the time the

LENGTH OF SERVICE AWARDS PRESENTED

Fifty-two NIH employees received Length of Service Awards at the fourth annual ceremony held June 13 in the Clinical Center Auditorium. Mr. Bradshaw Mintener, Chairman of the DHEW Board on Employee Awards, was guest speaker. Dr. W. H. Sebrell, Jr., presented two 30-year and fifty 20-year awards, and commended the 206 ten-year winners, who will receive their awards at separate Institute ceremonies. Dr. Bert R. Boone, Chairman of the NIH Board on Employee Awards, was chairman of the program.

Dr. Sebrell introduced winners of awards presented in ceremonies at the DHEW Auditorium in April. He congratulated Mr. Albert F. S. Siepert, NIH Executive Officer, who received the Distinguished Service award, and the three winners of

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By means of a transparent chamber technique, it is possible to make microscopic observations in living animals on grafts of tumor tissue. The development of a blood supply for the graft, the growth of the tumor, and its reaction to treatment by physical or chemical agents can be observed.

Adaptation of this technique to mice was first accomplished by scientists in NCI's Laboratory of Biology. Studies in the application of the transparent chamber technique to problems related to cancer are being conducted by Drs. Glenn H. Algire and Ruth Merwin, assisted by Mr. Roy Moore, Miss Mary Borders, and Mr. Wesley Williams.

The chamber (a window) is introduced into a skin fold of an anesthetized mouse. Three modifications of the technique are used. In the first, transplants of normal or cancer tissues are placed close to the blood vessels of the skin. The observer can see the development of the blood supply as the tissue grows, and can compare the blood vessels of normal and malignant tissues as they react to various experimental procedures.

In the second type of chamber, designed for detailed study of physiologic and pathologic events in individual cells, an extremely thin space into which transplanted cells may migrate is provided. This method facilitates studying the spread of cancer cells and their invasion of normal tissues.

A third type of chamber has been developed recently, known as the "diffusion chamber," in which a membrane filter is used to separate implanted tissues from blood vessels or cells of the host. Although isolated from host tissues, grafts of tissue in these chambers survive and grow for long periods of time, nourished by fluids from the animal. Further improvements in the design of diffusion chambers now make it possible to use phase microscopy for observation of living cells in vivo.

The transparent chamber technique has been used to separate the role of various factors in the total response of tumors to irradiation. It has also been used to study the action of tumor-damaging chemicals on tumors, the localization of dyes or other diffusible substances in normal and malignant tissues, and the cellular or vascular reaction to cancer-producing agents.

N. I. H. RECORD

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At its June meeting, the R & W Executive Council voted to buy two 48-cup aluminum coffee makers to be used by employee groups. They are now located in Top Cottage and may be obtained by calling Mrs. Farmer on ext. 2422.

The appointment of Ann Shahan, NIAMD, as co-chairman of the Social Committee was also announced at the meeting. Ann will fill the vacancy left by Joan Doniger, CC, who has joined the staff of the Neuropsychiatric Institute at the University of Michigan.

The first floor cloakroom in the Clinical Center has been designated the pick-up point for the new film developing and printing service. The Service, which features 24-hour delivery, is scheduled to begin early next month. It will be open from 11:30 to 1 p.m. each workday.

The NIH Softball Team is continuing its winning ways this season, with a record of 12 wins and 5 losses to date. The team holds second place in the Montgomery County League and third in the D.C. League. If you want to see the team in action, you will find them at the Polo Grounds every Monday evening. The Montgomery County League games are played every Tuesday and Thursday at 6 p.m. Britt Smith, ext. 2460, may be contacted for more details.

**DR. EDDY HONORED**

Dr. Bernice Eddy, Division of Biologics Standards, OD, was awarded an honorary Doctor of Science degree June 6 by Marietta College, Marietta, Ohio.

**TAX DEDUCTIONS Cont’d**

employee leaves NIH. Detailed instructions on filing the tax will be issued by the Maryland government.

The tax deduction will be computed on the basis of the exemption slips now on file for the Federal income tax. It will not be necessary to file an additional exemption form. Any necessary adjustments should be made by the employee when he files his State tax return next spring.

The rate of Maryland taxation is two percent on nonexempted income. An $800 exemption is allowed for each dependent.

The poison ivy bears small white flowers in the spring and white berries in the fall. The fuzzy-textured poison oak leaves are shaped like those of the real oak. Poison sumac has 7 to 13 leaves and drooping clusters of small, white berries all through the year.

If you do tangle with the poison plants, your chances of preventing the pain and discomfort are best if you wash the exposed parts as soon as possible with plenty of hot water and yellow soap. Make a thick lather, and wash five or six times. Afterwards, if you can, sponge with alcohol. It's the oil in the poison plants that causes trouble, so anything that has touched the plants, whether clothes or a pet—should also be washed or cleaned.

Calamine lotion may help relieve the itching, but if you get ivy poisoning that is severe, persistent, and spreading—see your physician.

She also assists in planning meetings and agenda for the National Advisory Health Council.

During her employment in Germany, Jane spent some of her leisure time visiting France, Switzerland, Austria, Czechoslovakia, Belgium, Luxembourg, and the Netherlands. She first met her husband, John, in Nürnberg, while he was in the Army. They were married several years later in Washington, and he is now assistant manager for the Sheraton-Carlton Hotel. They live in Bethesda.

Jane shares her husband's love of sports. They play golf regularly and attend car races, sailing regattas, and baseball games. A loyal Senator fan, Jane hopes to find her team in the first division. Of all sports, her favorite is the new sports car the Knapps bought recently.
CANCER CHEMOTHERAPY COMMITTEE ESTABLISHED

A voluntary program of cooperative research and development in the field of cancer chemotherapy was recently established under the sponsorship of the Nation's leading research organizations in this field.

General guidance of the program will come from the Cancer Chemotherapy National Committee, headed by Dr. Sidney Farber, Scientific Director of the Children's Cancer Research Foundation in Boston. Executive Secretary for the Committee is Dr. Kenneth M. Endicott, NCI. The sponsoring organizations are: the American Cancer Society, Atomic Energy Commission, Damon Runyan Memorial Fund for Cancer Research, Food and Drug Administration, Veterans Administration, and NCI.

Drug and chemical industries are brought into the program through an advisory liaison group, with members from Vick Chemical Company, Burroughs-Wellcome and Company, Merck and Company, American Cyanamid Company, Dow Chemical Company, E. R. Squibb and Sons, and Parke-Davis and Company.

The National Committee will define the scope of the program, develop general policies, assist in obtaining financial support for the work, and coordinate the activities of the sponsoring organizations.

Four technical advisory panels have been established, covering the fields of chemistry, pharmacology, experimental screening of chemical compounds, and clinical studies.

DR. H. A. ITANO, NCI, ADDRESSES AMS GROUP

Dr. Harvey A. Itano, of NCI's Laboratory of Biochemistry, delivered the fifth annual Minot Lecture at the meeting of the Section on Experimental Medicine and Therapeutics, of the American Medical Association, on June 8 in Atlantic City, N. J. Selected as this year's guest speaker in the field of hematology, Dr. Itano spoke on "Clinical States Associated with Alterations of the Hemoglobin Molecule."

B. T. SOCKRIDER DIES

Benjamin T. Sockrider, former NIH employee, died of a heart attack June 5 in Carville, La. Mr. Sockrider retired in 1946 from a position as Associate Technologist in NMI's Biologies Control Laboratory. His NIH employment began in 1914, when he joined the Hygienic Laboratory. After retirement, he moved to Miami, Fla.

AWARDS Cont'd

Superior Service awards: Dr. W. F. von Oettingen, NIAMD; Dr. Frank J. McClure, NIDR; and Mr. Bruce P. Phillips, NMI. Aloysius C. Faber, NMI, and Willie D. Morgan, NCI, were cited for cash awards presented recently.

Mrs. Mabelle O. Nolan, NMI, and Mr. Hobart D. Shope, BMB, were honored for 30 years of Government service.


DR. SEBRELL HONORED BY TWO UNIVERSITIES

Dr. W. H. Sebrell, Jr., NIH Director, was honored recently by two universities for distinguished achievements in medical research. On June 11 he was elected to membership in the Beta of Virginia Chapter of the Phi Beta Kappa Society at the University of Virginia, Charlottesville, and on June 5 he was awarded an honorary Doctor of Science degree by Alfred University, Alfred, N. Y.

HOLIDAY JULY 4

NIH will be closed for business
Monday, July 4, in observance of Independence Day.

L O S T A N D F O U N D

The following articles have been found on the NIH reservation:

- Gold earring
- Keys
- Glasses case
- Scarf
- Wristband
- Change purse
- Pocket watch
- Lady’s belt
- Keys

Scarf  Lady’s belt

Gloves Keys Eyeglasses Wristband

Holiday July 4

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