NEW COUNCIL MEMBERS NAMED

Surgeon General Scheele has announced the appointment of two prominent men to the National Advisory Council--Dr. Gail M. Dack, Director of the Food Research Institute of the University of Chicago, and Dr. Wallace M. Yater, Washington clinician.

Dr. Sidney Farber, scientific director of the Children's Cancer Research Foundation in Boston, was appointed to the National Advisory council. Another new member of the Cancer Council is Donald E. Johnson, a Michigan publisher.

Drs. Howard A. Rusk and Maurice C. Pincoffs were named to the National Advisory Arthritis and Metabolic Diseases Council. Dr. Rusk is chairman of the Department of Physical Medicine and Rehabilitation, New York University College of Medicine. Dr. Pincoffs is professor of Medicine, University of Maryland School of Medicine.

Five new members were appointed to the National Advisory Heart Council. Dr. E. Cowles Andrus is associate professor of Medicine at Johns Hopkins University Medical School. Another is Dr. Owen H. Wangenstein, Chief of the Department of Surgery at the University Hospital, Minneapolis. The other members--Mrs. Edward Curry, Louis E. Leverone, and Daniel Sherby--are well-known in business and public affairs.

Dr. Roland P. Mackay, professor of Neurology at the University of Illinois, and Mr. Hamilton S. Putnam were named to the National Advisory Neurological Diseases and Blindness Council.

Two noted psychiatrists, Drs. Howard P. Rome and Maurice Levine, were among four new members of the National Advisory Mental Health Council.

A Study in Perspectives

The north side of the Clinical Center makes an interesting geometrical pattern in this view, taken from the rear of Building 2.

CC BLOOD BANK & RED CROSS SIGN DONOR PLAN

An agreement was signed recently by the Montgomery County Chapter of the American Red Cross and the Clinical Center Blood Bank, establishing a donor recruitment plan for the Clinical Center.

Under provisions of the agreement, the Montgomery County Chapter of the American National Red Cross will recruit from the nearby Montgomery County communities and among National Institutes of Health personnel. Clinical Center physicians will solicit blood contributions from friends and relatives of the patients, and the Clinical Center Blood Bank will also recruit donors at the National Institutes of Health.

The blood from volunteer donors will be used to treat patients. It will not be used for laboratory purposes, nor will it be distributed to other hospitals except in an emergency.

Donors who report to the Clinical Center may receive their choice of a Red Cross or an NIH donor card. The Red Cross card indicates participation in the regional program, and if the donor subsequently requires blood for himself or his relatives, the Washington Regional Center will meet these needs as they arise. Blood donated at the Clinical Center will accrue to the Montgomery County blood quota. The Red Cross Bloodmobile will continue to make its periodic visits to NIH.
"A man is as old as his arteries," Sir William Osler is reported to have said. Age changes in the arteries are quite evident, but their meaning and implications to health are far from clear in all cases. Studies in the physiology of arteries young and old are being carried on at NHI's Gerontology Section at the Baltimore City Hospitals, under the direction of Dr. Nathan W. Shock.

A new approach to this field was devised and developed by Dr. Milton Landowne, Associate Chief of the Section. A special instrument creates small waves or vibrations in the blood vessel walls of a living person, and the pattern and propagation of these waves are studied by sensitive blood pressure recorders registering at high speed. Instruments of unusually high fidelity were found necessary for this purpose, and complicated standardizing techniques have had to be developed. Some interesting findings of this group are based on studies of over 100 patients, from 12 to 92 years of age.

Although the beating of the pulse in your wrist may feel as though remarkably large changes in size are taking place with each beat, you are actually feeling changes in pressure rather than in size. Calculations reveal the pulsations to be extremely small, changing the diameter of the vessels by only a few percent.

While the behavior of vessels changes with age, this may be due to changes in dimension as well as changes in elastic structure.

In addition to pumping a quantity of blood, the heart beat generates a wave of pressure. It is the distensibility of an artery that governs the speed with which this pressure pulse wave travels from the heart out to the smallest arteries. To complicate matters, the distensibility of blood vessels changes as they are normally stretched or extended by the cyclic changes in blood pressure causing each pulse. The distensibility diminishes at higher pressures, increases at lower pressures. This explains why the pulse wave travels fast in cases of high blood pressure and slowly in some conditions of low blood pressure.

Waves of different frequency traverse the artery with different speeds and facility. This is because the intimate structure of the living tissues allows them to "give" more under the stress of a slowly rising pressure wave, and causes them to "heat" more when subjected to a wave of higher frequency. These effects are demonstrable over a range of wave frequencies which can occur during usual physiological activity.

The possible importance of differences between static and dynamic behavior of blood vessels has been suspected, but its direct demonstration in living material has not been heretofore accomplished. Other vessels and tissues may be expected to display similar behavior which can be of importance to the way in which they function.
The following items have been found on the NIH reservation:

- Bracelet
- Box of capsules
- Syringe
- Eyeglass case
- Bicycle
- Eyeglasses and case
- Film
- Costume bag and
- White gloves
- compact
- Two earrings

If any of these belong to you, come to the Guard Office in Bldg. 1. All articles not claimed by December 23 will be returned to the finder.

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**MOBILE X-RAY UNIT AT NIH DECEMBER 7-10**

The mobile chest X-ray unit of the Montgomery County Tuberculosis Association will visit NIH December 7-10. All employees are urged to take advantage of this opportunity to have a free chest X-ray.

The unit will be stationed at the loading platform of Building 1 daily except December 8, when it will be located at Building T-6. Hours will be from 9 a.m. to 3 p.m. on December 7 and 8, from 7:30 a.m. to 1:30 p.m. on December 9, and from 11:30 a.m. to 5:30 p.m. on the 10th. Appointments will be made through administrative officers or division and branch chiefs.

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**CREDIT UNION SEeks 18 FORMER NIH EMPLOYEES**

The Credit Union is unable to locate some of their shareholders, whose accounts are no longer drawing dividends because they have left NIH. Under current rules of the Credit Union, employees are required to close their accounts when they leave NIH.

If you know the present address of one of the following people, please send it to Mrs. Zella Boteler, Room B1A24, Building 10:

- Robert L. Cherry
- Lewis J. Cralley
- Dr. Robert D. Dooley
- Dr. H. F. Fraser
- C. A. Glenn
- Irving Gray
- Allyn O. Ike
- Mrs. Frances B. Kaplan
- A. Katz
- Dr. Henry Klein
- William I. Lourie
- Thomas P. Marsh
- Virgil J. Miles
- James L. Mitchell
- Miss Hazel O'Hara
- Miss Martha L. Orr
- Leo A. Sapirstein
- and Thalbert R. Thomas

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**NIH Spotlight**

Glenn Lanier

Naval duty in Bethesda was a turning point in the life of Glenn Lanier, Purchase and Supply Branch. It was here that he learned about NIH, met his wife, and decided to make Bethesda his home.

One of six children, Glenn was born in Texas City, Texas. The family lived in the oil fields in the eastern part of the State, where his father was employed as a pipeline engineer. After spending two years in Florida, where he finished high school, Glenn returned to Texas and took a summer job on a small weekly newspaper. He attended Texas Christian University for a year, and then enlisted in the Navy.

In 1948, Glenn was assigned to the Naval Medical Center, where he received special training in operating room technique. His Bethesda assignment proved educational and interesting, chiefly because he had an opportunity to watch several rare surgical procedures, especially in cardiac surgery.

In 1951, he married the Navy nurse he met in Bethesda. After returning from a wedding trip to Mexico, the Laniers both received travel orders. Glenn was sent to the Mediterranean, and his wife was assigned to the Air Evacuation Service, based in Pearl Harbor. Glenn's cruise took him to Sicily, Italy, France, Switzerland, Greece, Turkey, and North Africa. He particularly remembers Athens, where the King and Queen of Greece came aboard ship for dinner one night, and Switzerland, where he saw his first real snow and experimented with skiing.

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**R&W NOTES**

December 16 will be the date of the annual meeting of the NIH Recreation and Welfare Association. Membership chairman Erv Liljegren announces that the Association now has a new high of 1,233 members, or 45% of all NIH employees. DRG leads with 74% of its employees as R & W members. NIDR and NIMH follow closely with 64% and 60% respectively.

A number of those completing the beginner's dance class are interested in continuing with an intermediate course. It will begin November 23 and will meet on Mondays at 8:00 p.m. The charge for the class will be $6.00 per person. If you would like to join the group, call Erv Liljegren on extension 2767.

The Hamsters held a social meeting, with two theatre personalities as honored guests. Mary Crowley Ford, stage, radio, and television actress, gave an interesting history of little theatre development in Washington. A hilarious monologue, "The Lady Explorer," was presented by Marion Sittler, who has appeared with Theatre Guild, San Francisco Municipal Theatre, Olney Theatre, and Arena Stage.

In the fall of 1952, the Laniers got their discharges from the Navy and returned to Bethesda. Glenn's first job at NIH was in Scientific Reports Branch, where he was assigned to a wide variety of clerical tasks in the Office of the Chief. In April 1953 he transferred to Purchase and Supply Branch, where he is a property and stock control clerk. At present he is detailed to NHI, to assist in transferring property into the Clinical Center. This involves recording acquisitions, maintaining property records, and making property inventories.

Glenn now lives in Kensington Gardens with his wife and their nine-months-old son. He enjoys photography and gardening, although he confesses that his "gardening is now confined to several flowerpots on the windowsill." He hopes to find time to participate in the newly formed R & W Camera Club. In the summertime, weekends find him indulging in his favorite sports of fishing and swimming. Future plans for Glenn include a return to college to finish requirements for a degree in hospital administration.
ADMISSIONS & FOLLOW-UP PROVIDES VARIOUS SERVICES FOR PATIENTS

The Admissions and Followup Department of the Clinical Center is daily called upon to provide a wide range of patient services. The Department, under the direction of Dr. Daniel J. Daley, deals with the administrative problems of the patient's admission and supervises the follow-up service for ambulatory and discharged bed patients.

When the patient's physician first inquires about admission to the Clinical Center, the letter is referred by the Department to the appropriate Institute. If the patient meets the eligibility requirements and is accepted for admission, a request form is sent to A & F. In cooperation with the Institute, the Department then contacts the patient, sets a date for his arrival, and makes the necessary local transportation arrangements.

The entire admissions process, from the time the patient arrives until he is in bed, takes an average of fifteen minutes. Upon arrival, the patient is interviewed by the admitting clerk and is escorted to the appropriate nursing unit. The admitting clerk immediately forwards his admission form to the Medical Record Department (via pneumatic tube), and there a medical chart and addressograph plate are prepared and sent to the nursing unit.

In research medicine, it is essential that a careful followup be maintained for varying periods of time on discharged patients. The Followup Service has been assigned three wings on the first floor of the Center, where at present a number of examining rooms are available for the various Institutes at allotted times. In the near future, additional examining rooms will be completed, and equipment installed for fluoroscopic examination, electroencephalography, and electrocardiography. A minor operating room and a laboratory will also be provided.

When the patient is discharged, he is given an appointment in the Followup Service, where he will be seen by the same doctors who treated him when he was an inpatient. Each Institute will also have studies in progress which will involve ambulatory patients, whose illnesses do not require that they be assigned to bed space in the Clinical Center.

NIH BIDS FAREWELL TO WILLIAM R. SCHROEDER

NIH lost a valued staff member and friend with the departure last Saturday of its Personnel Officer, William R. Schroeder. After 18 years of Federal service, he is moving to California to re-enter private business.

Born in Iowa, but a legal resident of Texas, Mr. Schroeder is a graduate of Parsons College, Fairfield, Iowa, and attended Harvard Graduate School of Business Administration. After a few years of private business experience, he accepted a position with the Farm Security Administration. He also worked for the Department of Agriculture, and the Health and Sanitation Division of the Coordinator of Inter-American Affairs. He served in the Navy during World War II, and came to NIH in November 1947.

Mr. Schroeder assisted NIH through its recent period of expansion in facilities and personnel. It has been no small task to coordinate the recruitment of hundreds of professional and technical people needed for the Clinical Center and other expanded programs. He will be sorely missed at NIH, and we wish him success.

COUNCIL Cont'd

Health Council. Dr. Rome is Consultant in Psychiatry at the Mayo Clinic, and Dr. Levine is Director of the Department of Psychiatry at the University of Cincinnati College of Medicine. Mrs. Margaret J. Wright and Mrs. Ruth H. Morrison were also named to the Council. The National Advisory Dental Research Council has two new members. Dr. Harry Lyons is Dean of the School of Dentistry, Medical College of Virginia. The other member is Richard E. Pate, Jr., prominent Denver businessman.