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PUBLIC HEALTH SERVICE

Dr. Fredrickson Addresses Meeting Of Cardiologists

Dr. Donald S. Fredrickson, Director of the National Heart Institute, spoke on decisions involved in planning for future Federal research support in the cardiovascular field.

He was addressing some 3,000 physicians and scientists attending



Mr. Johnson



Dr. Fredrickson

the 16th Annual Scientific Session of the American College of Cardiology last week.

The scientists and physicians had received a complete status report on current aspects of treating, diagnosing and preventing heart disease.

The opening session featured cardiac clinics and demonstrations, including Clinical Center discussions. (See DR. FREDRICKSON, Page 3)

Dr. Lipsett Appointed NCI's Breast Cancer Task Force Chairman

Dr. Mortimer B. Lipsett, Chief of the Endocrinology Branch, National Cancer Institute, has been designated Chairman of the Institute's Breast Cancer Task Force.

The Breast Cancer Task Force was formed early in 1966 to coordinate an intensified program of research into the causes, diagnosis, treatment, and possible control of breast cancer.

The group succeeds an advisory committee appointed by the Director of the National Cancer Institute to formulate general guidelines for breast cancer investigations.

Eleven members of the Task Force are from 6 medical research institutions in addition to the National Cancer Institute, and represent a variety of disciplines including medicine, chemotherapy, surgery, radiology, virology and epidemiology.

Impetus for the Task Force approach to breast cancer research (See LIPSETT, Page 4)



Dr. Lipsett

Rep. Flood Chairs House Appropriations Subcommittee, Succeeds Rep. Fogarty

Rep. Daniel J. Flood (D-Pa.) has been appointed Chairman of the House Appropriations Subcommittee, which handles \$16 billion for health, education, welfare and labor programs, including NIH appropriations.

Mr. Flood, a member of the subcommittee since early 1965, succeeds John E. Fogarty (D-R. I.) who died Jan. 10.

Rep. Flood's appointment was announced on Feb. 3 by House Appropriations Chairman, George H. Mahon (D-Tex.), who at the same time named four new members to the subcommittee. They are, in order of seniority, Reps. William H. Natcher (D-Ky.), Neal Smith (D-Iowa), W. R. Hull Jr. (D-Mo.) and Robert R. Casey (D-Tex.).

Flood Is From Pennsylvania

The new chairman of the subcommittee represents Pennsylvania's 11th District and makes his home in Wilkes-Barre. A graduate of Syracuse University, with A.B. and M.A. degrees, Mr. Flood also attended Harvard Law School and Dickinson School of Law, Carlisle, Pa.

He received the LL.B. degree in 1929, and was admitted to the bar of the various State and Federal Courts in 1930. In addition to practicing law in Pennsylvania, Mr. Flood also held several state appointive offices before being elected to the 79th Congress, Nov. 7, 1944.

Rep. Flood served in the 81st Congress, the 82nd Congress and the 84th Congress, and was reelected to the succeeding Congresses.

Assignments Listed

Mr. Flood is a former Vice Chairman of Special Committee to Investigate the Katyn Massacre (murder of Polish officers by Russians) and a present member of the Appropriations Committee and the Department of Defense Subcommittee.

Rep. Natcher, a lawyer from Bowling Green, Ky., was elected to the 83rd Congress, Aug. 1, 1953, and has served in succeeding Congresses. He is a member of the Committee on Appropriations and Chairman of the D. C. Appropriations Subcommittee.

Rep. Smith, a lawyer and farmer



Rep. Daniel J. Flood, Chairman of the House Appropriations Subcommittee.

from Altoona, Iowa, was a former chairman of the Polk County Board of Social Welfare (a civic board whose members served without pay and distributed several million dollars per year to needy families and elderly citizens). He was elected to the 86th Congress, Nov. 4, 1958, and reelected to succeeding Congresses.

Rep. Hull is a businessman from Weston, Mo., and a former mayor of that city. He was elected to the 84th Congress on Nov. 2, 1954, and reelected to the 85th and succeeding Congresses.

Rep. Casey, a Houston lawyer, served as county judge of Harris (See SUBCOMMITTEE, Page 3)

Aseptic DRS Animal Caretakers Provide Pathogen-Free Species for Scientists

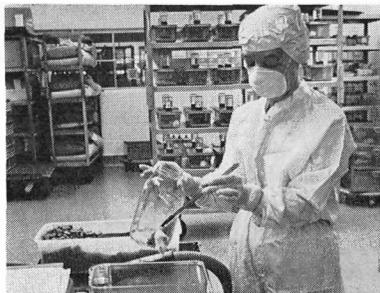
By Kathleen DuBois

The life of an animal caretaker in Building 14G is not an easy one. Every day at work before starting his duties, he has to shower, scrubbing with a sterile brush and germicidal soap, brush his teeth, gargle, clean his nails, and change to a sterile uniform, complete with face mask, cap, rubber gloves, and canvas shoes. And when he returns to his job from lunch, he has to repeat the entire process.

Cleanliness Necessary

Why all this super-cleanliness? It's part of the routine devised by the Division of Research Services for providing the NIH medical investigator with another of today's highly refined laboratory tools: the pathogen-free animal.

At present, the Laboratory Aids Branch, under its new Chief, Dr. (See CARETAKERS, Page 4)



Animal caretaker Bessie Brown adds the new arrivals to a pathogen-free mouse production room.—Photo by Jerry Hecht.

DRS Engineering Lecture Set for Today at 2:30

The DRS Engineering Lecture today at 2:30 in the Clinical Center auditorium highlights the Division of Research Services' observance of National Engineers Week.

Guest lecturer, Dr. William W. Akers, Director of the Biomedical Engineering Laboratory, Rice University, Houston, Tex., discusses "Engineering in Medicine—Case Report."

the NIH Record

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NIH Record Office.....Bldg. 31, Rm. 4B13. Phone: 49-62125

Editor E. Kenneth Stabler

Staff Correspondents

Tony Anastasi, DRS; Linda Kieffer, NCI; Bowen Hosford, CC; Mary Anne Gates, NIAMD; Marie Norris, NIDR; Art McIntire, NIMH; Bari Attis, NINDB; George Bragaw, NHI; Faye Peterson, DBS; Wanda Wardell, NIGMS; Beverly Warran, DRFR; Dick Turlington, DRG; Martha Mader, NIAID; Loretta Navaroli, OAM; Dan Rogers, NICHD; Betty Kuster, DCRT; Dale Carter, DRMP; Dorothy Lee, DEHS.

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NEWS from PERSONNEL

'66 HEALTH BENEFITS COSTS

Because employes do not receive a statement of deductions with every paycheck, the '66 health benefits costs totaled below may be helpful in itemizing deductions on income tax returns.

The Blue Cross-Blue Shield (Service Benefit) Plan—Enrollment Cost, High Option: \$72.12 for self only; \$195.08 for self and family. Low Option: \$33.80 for self only; \$87.84 for self and family.

The Aetna (Indemnity Benefit) Plan—Enrollment Cost, High Option: \$87.04 for self only; \$218.93 for self and family. In the low option, the totals were \$33.80 for self only and \$81.12 for self and family.

The Group Health Association Plan—Enrollment Costs, High Option: \$130.36 for self only; \$335.22 for self and family. Low Option totaled \$79.92 for self only; \$213.80 for self and family.

The '66 figures are less than the total costs for calendar year 1965 because, beginning July 1966, the Government made a greater contribution toward enrollment costs, and consequently, the cost to the employe was decreased.

OFFICIAL PERSONNEL FOLDERS

Often an employe completes a course or receives a degree which enhances his qualifications. Unless this information is included in his Official Personnel Folder, it cannot be used as promotional evaluation.

To update his folder, an employe should obtain an SF 58 (Supplemental Experience and Qualifications Statement) from his I/D personnel office. He should indicate on this form any qualifications which are not already recorded in his

Zeal of Blood Donors Turns Cold Day Warm

According to Dr. Paul J. Schmidt, Blood Bank Chief, and members of his staff, the recent cold snow had its heart-warming side.

After 10- to 12-inches of snow fell on the Washington area, February 6 and 7, volunteer donors began calling the Clinical Center Blood Bank. A typical offer began: "I know some of your scheduled donors won't be able to get there."

On the day of the snow and the 2 days following, 30 volunteers donated. They came from the CC and other buildings on the NIH reservation, the Barlow and Wiscon buildings, and the Naval Ordnance Laboratory. The blood was used for transfusions of platelets and for helping patients undergoing surgical procedures.

Files Improvement Course To Be Offered Here Soon

The Management Policy Branch, Office of Administrative Management has arranged for a files improvement course. The course will be given by the Government Services Administration Institute at the NIH in mid-April.

This workshop consists of 4 half-day sessions, all in one week, for NIH employes at any grade level responsible for organizing, arranging or maintaining official files.

For further information contact your I/D Personnel Officer.

folder and send it to the Program Services Section, PMB, Bldg. 1, Rm. 6. This form substitutes for certificates of courses completed, transcripts of grades, copies of diplomas, etc, in the file.

"The Extra Step" to Have First Run Here March 2, 3

"The Extra Step," a new 30-minute color film on improved service to the public, will be shown in the Clinical Center auditorium March 2 and 3 at 11:30 a.m. and 1 p.m.

The film was produced exclusively for the U.S. Civil Service Commission. Its aim is to increase awareness of the importance of public service both for the Government and for the employe.

The Civil Service Commission has stressed that every Federal employe should have an opportunity to see this film.

40 New Contracts Aim At Specific Objectives

Forty new research contracts totaling \$1,955,807 were let during October, November and December 1966 by the National Institutes of Health.

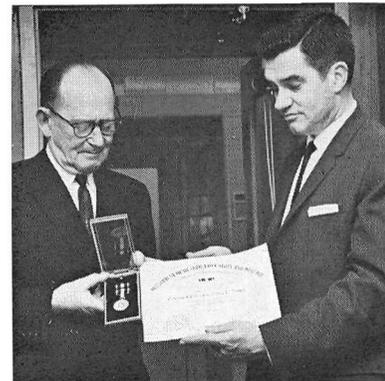
In addition, supplemental agreements amounting to \$8,114,156 were executed during the same period on another 45 research contracts already in effect.

The contracts were let to 37 organizations including university medical schools, pharmaceutical laboratories, and similar research facilities in 18 States, the District of Columbia, Canada and Lebanon.

NIH officials pointed out that the research contract mechanism is used for research and development activities with limited, highly specific objectives which can best be performed outside the laboratories of NIH, and permit utilization of highly specialized facilities.

Dr. Tripp Gets Award, Retires and Assumes New Post With DBS

Dr. John T. Tripp, Special Assistant to the Director, Division of Biologics Standards, received the Public Health Service Meritorious Service Medal "for his outstanding



Dr. John T. Tripp, Special Assistant to the Director, DBS, receives the PHS Meritorious Service Medal from Dr. Stuart M. Sessoms, NIH Deputy Director.—Photo by Ralph Fernandez.

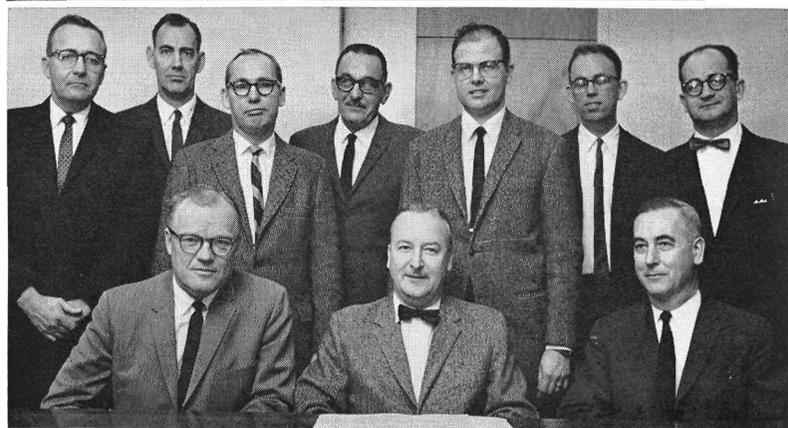
leadership in the development of the enforcement aspects of the Service's biologics control program."

Dr. Stuart M. Sessoms, NIH Deputy Director, presented the award on behalf of the Surgeon General Jan. 27 at an informal DBS reception honoring Dr. Tripp on his retirement from the PHS Commissioned Corps.

Dr. Roderick Murray, DBS Director, announced that Dr. Tripp would remain with the Division on Civil Service Status as a Special Assistant to the Director.

Dr. Tripp has served as an Assistant Director in charge of li-

(See DR. TRIPP, Page 3)



Members of the Biohazards and Containment Section, NCI, and the Engineering Design Section, Plant Engineering Branch, DRS, recently received a group award for Superior Work Performance. Commended for maintaining a rigid schedule without sacrificing quality in the preparation of preliminary and working drawings for the NCI's Emergency Virus Isolation Facility, now under construction, are, standing, 2nd row, L to R: Billie Myers, Alfred L. Perkins, John Pavlides and Frank Liposky, all of DRS; 3rd row, Milan W. Walker and John W. Saari, DRS, and William Z. Penland Jr., NCI. Seated in the front row are Chris A. Hansen, Chief, DRS; Dr. Carl G. Baker, Associate Director for Program, NCI; and Dr. William W. Payne, Deputy Scientific Director for Etiology, NCI.—Photo by Tom Joy.

The Young At Heart

Second of a Series

By Margaret George

Attractive Anne Baur, 24, is a laboratory technician in the Heart Institute's Laboratory of Biochemical Genetics. Working under Dr. Marshall Nirenberg and Dr. Thomas C. Caskey, Anne does comparative studies of nucleic acids from different parts of the cell.

Excitement in the Lab

Exciting things are happening in Dr. Nirenberg's lab. It was he and his associates who performed the famous experiment of protein synthesis in cell-free systems that "cracked" the genetic code.

A 1963 graduate of Goucher College, where she majored in biology, Anne worked at the Research Institute for Advanced Studies in her native Baltimore for more than two



Darlene Levenson (left) and Anne Baur of the Laboratory of Biochemical Genetics Branch, NHI, discuss an experiment scheduled for the day. Apparently, even such a weighty matter as the genetic code has its lighter side.—Photo by Ralph Fernandez.

years before transferring to the Plant Research Laboratory at Michigan State University. At Michigan her work involved the study of plant nucleic acids. She has been at NHI for a year.

A bride of 8 months, Anne shares her husband's avid interest in the theatre. Some day they hope to start an amateur dramatic group and try their luck at producing a play. Meanwhile, they hold weekly play readings in their Rockville apartment with a group of other drama enthusiasts.

Anne's special interest is transfer RNA, whose function in protein synthesis is to deliver individual amino acids to messenger RNA. Each species of transfer accepts one specific amino acid, of which there are 20.

Then, with its amino acid in tow,

Members of Appropriations Subcommittee

(Continued from Page 1)



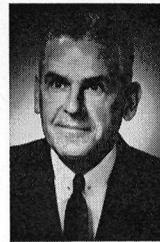
Mr. Smith



Mr. Hull



Mr. Laird



Mr. Natcher



Mr. Shriver



Mr. Casey



Mr. Michel

County, Texas for six years before being elected from the newly created 22nd District to the 86th Congress on Nov. 4, 1958. He was re-elected to succeeding Congresses, and during the 88th Congress served on the Science and Astronautics Committee.

Completing the appropriations subcommittee are Reps. Melvin R. Laird (R-Wis.), appointed to the subcommittee during the 85th Congress; Robert H. Michel (R-Ill.), appointed during the 87th Congress, and Garner E. Shriver (R-Kan.), appointed during the 89th Congress.

Rep. Laird of Marshfield, Wis., began his political career as a Wis-

consin State Senator in 1946. He has served in the House of Representatives since his election to the 83rd Congress Nov. 4, 1952. He is a member of the House Appropriations Committee and the Defense Subcommittee.

Rep. Michel of Peoria, Ill., served as administrative assistant to his predecessor, Congressman Harold Velde from 1949-56. He was elected to the 85th Congress, and reelected to succeeding Congresses.

Rep. Shriver, a Wichita, Kansas lawyer, served as a State Representative and State Senator before his election to the 87th Congress Nov. 8, 1960. He has served in each succeeding Congress.

Daily Mass at CC Offered At More Convenient Time

Father Armand J. Guicheau, Clinical Center Catholic chaplain, announces that Mass is now offered at 11:15 a.m. Tuesday through Saturday.

Confessions will be heard at 11 a.m. The change to a later hour than before is designed to make it more convenient for patients to attend.

The place remains the same, the 14th floor chapel of the Clinical Center. Mass will continue to be carried by the bedside communication system.

There is no change in the Sunday schedule for Mass. Hours are 7:15 a.m. and 8:30 a.m.

the transfer "homes in" on a specific codon in the messenger RNA strand. This brings its amino acid into proper alignment for incorporation into the protein chain.

Anne's work is concerned with comparing the properties of these different transfer RNAs.

DR. FREDRICKSON

(Continued from Page 1)

sions on current topics in cardiovascular research chaired by Dr. John Ross Jr. of the NHI Cardiology Branch. Nine other clinical discussion panels met at various other medical facilities throughout the Capital.

The keynote of the meeting was provided by the presentation of the college's first Distinguished Service Award to President Johnson for his support of heart disease programs and the annual convocation lecture given by Vice President Humphrey.

Featured at the 5-day program was a symposium on the partnership between Federal agencies and physicians who specialize in treating cardiovascular diseases.

After opening remarks by AMA President Dr. Charles L. Hudson of Cleveland, Ohio, the FDA Commissioner Dr. James L. Goddard and Dr. Philip R. Lee, Assistant Secretary, DHEW, discussed the need for "creative federalism" and "creative public care" in the health

NIAMD Co-Sponsors Conference at NIH On Digestive Diseases

A conference to evaluate the importance of digestive diseases as a national health problem and to draw plans for intensifying research and research training in this field was held at the National Institutes of Health, Feb. 5-7.

About 70 representatives of professional, scientific and industrial agencies participated in the conference, sponsored by the National Institute of Arthritis and Metabolic Diseases, the American Gastroenterological Association, and the Digestive Disease Foundation (the voluntary agency in the field).

Disorders Widespread

Gastrointestinal disorders such as peptic ulcer, liver cirrhosis, disorders of the gall bladder, gastritis, enteritis and colitis, are highly prevalent among the U. S. population.

The full impact of these diseases on the productivity of our population, however, has never been fully assessed.

In spite of some remarkable examples of scientific progress in gastroenterology during the past 15 years, the sponsoring agencies both governmental and private, believe that progress in this field would be advanced more rapidly through a concerted effort.

Objectives Given

During the 3-day meeting, the conferees attempted to measure the importance of digestive disease as a health problem, using all possible sources of information.

They also attempted to define the major unmet needs for further research and development; to explore the opportunities for interagency collaboration in overcoming obstacles to progress in this field, and to draw up a list of national objectives as a guide and incentive to further work.

A substantive report on the conference proceedings will be issued in the near future.

DR. TRIPP

(Continued from Page 2)

censing, inspections, and investigations since 1964. In his new position, he will serve as Assistant to the Director in regulatory matters. He has been with the Service since 1950 and actively engaged in the field of biologics standards.

partnership of public and private resources.

Others addressing the meeting included Dr. Irvine H. Page, Cleveland Clinic Foundation, and Dr. E. Grey Dimond, Director of the Institute for Cardiopulmonary Diseases, Scripps Clinic and Research Foundation.

CARETAKERS

(Continued from Page 1)

Raymond D. Zinn, raises two pathogen-free species: BALB/c mice and Sprague-Dawley rats.

Outwardly, the PF animal appears to be no different from his conventionally raised cousins. He lives at LAB in the same kind of plastic cage, in a room lined with racks of such cages. But the differences lie both inside the animal and outside the room.

Guarding the suite of "clean" rooms is a barrier through which nothing and no one can pass before first submitting to the elaborate decontamination procedure.

All personnel—caretakers, veterinarians, even repairmen—must go through the same 30-minute cleaning routine, and must repeat the routine each time they enter a different animal room.

Everything Decontaminated

Supplies and equipment, too, are decontaminated at the barrier by passing through a walk-in double-doored autoclave 7' x 7' x 5'.

Material is put into the autoclave on the "dirty" side of the barrier and is subjected to 250° F until sterile. A buzzer signals the caretaker on the clean side to open his door to the autoclave and remove his supplies.

Articles that cannot withstand steam are sterilized with ethylene oxide gas.

And how is the pathogen-free animal different internally? First, by his heritage. His ancestors were delivered by cesarean section, foster nursed by germfree mothers, and maintained in isolators, using germfree techniques. But then they were given four species of bacteria to provide experience in the intestinal tract with relatively harmless microorganisms.

Environment Controlled

Next, sealed in a glass jar, they were brought from the breeding isolator room, through the barrier via a "dunk tank" of germicide, and into the clean room, there to beget a colony of PF animals.

Once inside the barrier, their pathogen-free condition is maintained by strict control of the environment: food is pasteurized; cages and bedding are sterilized; water is treated with small amounts of hydrochloric acid to combat bacterial growth, and air is filtered, with the room maintained under positive pressure to keep bacteria from entering.

To determine that they remain free from unwanted contamination, animals are monitored weekly. Even the caretaker's scrubbed and gloved hands never touch these mice and rats—only a pair of rubber-tipped forceps which are dipped in a germicide before handling the animals within one cage.

After they are issued to a laboratory, PF animals can be kept

NHI Audience Participation Exhibit on Stroke Shown at Cardiology Meeting

An NHI audience-participation exhibit, recently shown for the first time at the American College of Cardiology, reviewed the findings of a 14-year study of factors possibly associated with development of strokes.

The exhibit, "The Epidemiology of Stroke," is based on the reports of Drs. William B. Kannel and B. L. Troy of the Framingham (Mass.) Heart Study.

It pinpoints possible relationships of such factors as ECG abnormalities, elevated blood pressure, impaired cardiac function, and abnormal carbohydrate metabolism to increased risk of strokes.

As part of the exhibit to be shown to professional societies and meetings, the audience will actually participate in a demonstration of how Framingham data is gathered.

Blood pressure, ECG, and vital capacity determinations will be taken on the spot from visitors by Framingham and the exhibit staff members.

Prevention Stressed

The theme of the exhibit is tuned to the preventive approach to cerebrovascular disease. Since Framingham studies have shown the close similarity between factors increasing susceptibility to stroke and those increasing susceptibility to coronary heart disease, it is clear that vascular disease of the brain is merely part of the larger problem of cardiovascular disease in general.

Thus, measures indicated for prevention of stroke are generally the same as those for prevention of coronary heart disease. They pinpoint those factors associated with increased risk and correct or ameliorate them where possible.

The new exhibit was produced

in a simple filter cage system or under conditions approximating those in the production colonies.

The pathogen-free program, begun in 1963 as a pilot study, is now a permanent and growing part of LAB's activities, as more and more NIH scientists express their preference for these animals for many kinds of experiments.

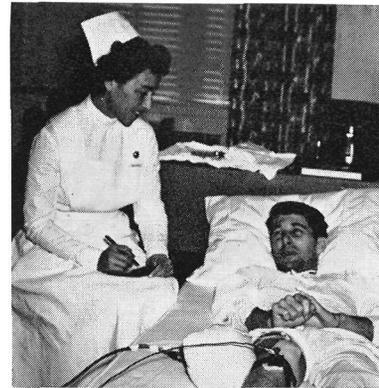
Dr. Miller attributes a large measure of the program's success to the dedication of the caretaking staff. This hand-picked staff of nine, instead of considering their restricted working conditions a hardship, take pride in their extra responsibilities of maintaining the barrier and guarding the health of their small charges.

The LAB colonies are now producing enough of the two pathogen-free species—BALB/c mice and Sprague-Dawley rats—to meet immediate needs. By sending an animal request form, NIH-79, to Bldg. 14G, Rm. 101, or by phoning Ext. 65255, any NIH scientist can acquire these highly refined, highly reliable laboratory animals.

by Hanford Moxley of the Exhibits Section of the Heart Information Center. It is scheduled also for exhibition at the American Congress of Physical Medicine and Rehabilitation in Miami, Fla., in August of 1967. A booklet, describing the exhibit in detail, is distributed with the exhibit.

Former CC Head Nurse Promoted in Vietnam

A former Clinical Center head nurse, Anne Pirnie, has been appointed Chief Nurse for the State



Anne Pirnie, R.N., is taking notes concerning a patient during her days at the Clinical Center. She is now Chief Nurse, Agency for International Development, in South Vietnam.

Department's Agency for International Development health program in Vietnam.

Miss Pirnie was promoted to her new position on returning to Vietnam in January after receiving an award on behalf of the AID nurses. She is a PHS commissioned officer on loan to AID.

Here From '54-'59

Miss Pirnie served at the CC from 1954 through 1959 and was Head Nurse of the Surgical Unit, Neurology Nursing Service. Associates remember her for her efficiency and sunny disposition.

Thousands of visitors have seen her portraying a typical CC nurse in the NIH orientation film, narrated in six languages, presented almost daily at the CC. Miss Pirnie visited the Clinical Center just before returning to Vietnam.

She is stationed in Saigon but spends most of her time in the provinces, supervising nurses on duty at civilian hospitals sponsored by AID and the South Vietnamese government. The 86 American nurses help the Vietnamese adapt

141 Blood Units Donated in January; 10 in Gallon Club

The Clinical Center Blood Bank reports that 141 units of blood were received from NIH donors in January. During the same period CC patients received 1,453 units of blood.

Ten NIH staff members joined the Gallon Donor Club. They are John Bailar, NCI; Hugh H. Connolly, DRS; John B. Debnam Jr., OD; Vernon Forrester, DRS; Daniel Francois, NIAMD; Marian I. Gundy, DRS; Edward W. Harvey, NIAID; Alfred R. Stanley, NCI; Jay B. Wells, NINDB, and Steven B. Zimmerman, NIAMD.

DR. LIPSETT

(Continued from Page 1)

was provided by progress achieved by the National Cancer Institute's Acute Leukemia Task Force, established in 1962.

In spite of the results of past research, breast cancer is still the most common form of malignant disease in women.

In 1967, it is estimated that the disease will be diagnosed in 64,000 patients and will claim 27,000 lives.

Dr. Lipsett came to the NCI in 1957 from the Sloan-Kettering Institute for Cancer Research, New York City. He was appointed Assistant Chief of the Endocrinology Branch in 1960 and Chief of the Branch in 1965.

Dr. Lipsett also serves as an Associate Clinical Professor of Medicine at Howard University Medical School.

Born in New York City, he received his B.A. degree from the University of California and his M.S. and M.D. degrees from the University of Southern California.

Dr. Morales Named to Natl. Advisory Council

Dr. Manuel F. Morales, cancer investigator and Professor of Biochemistry at the University of California, San Francisco, has been appointed a member of the National Advisory Research Resources Council of the Division of Research Facilities and Resources.

The appointment for a term ending Sept. 30, 1970, was announced by Surg. Gen. William H. Stewart, of the PHS.

modern nursing methods and upgrade general nursing care.

The award that she received was presented in a New York City ceremony by Mademoiselle Magazine to her and her colleagues as being a group of "The Most Exciting Young Women of 1966."