

# the NIH Record

U. S. DEPARTMENT OF  
HEALTH EDUCATION, AND WELFARE

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NATIONAL INSTITUTES OF HEALTH

## Dr. Kirkpatrick to Head New Section in NIAID, Initiates Allergy Studies

Dr. Charles Harvey Kirkpatrick, internist and clinical immunologist, has joined the staff of the Laboratory of Clinical Investigations, National Institute of Allergy and Infectious Diseases. He will head the newly established Allergy and Hypersensitivity Section.

Dr. Kirkpatrick, a native of Kansas, will initiate the Institute's clinical program in investigation of allergic disorders.

The initial studies will be a continuation of research he began at the University of Kansas Medical Center to clarify the mechanisms of aspirin hypersensitivity.

### Studies to Be Expanded

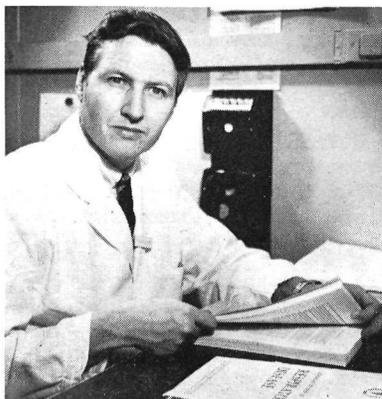
Subsequently, the studies will include patients with other drug reactions. Announcements to the medical profession concerning patient referrals will be made soon.

In addition to the clinical studies, the laboratory investigations of this section are focusing on problems of lymphocyte biology in humans and experimental animals.

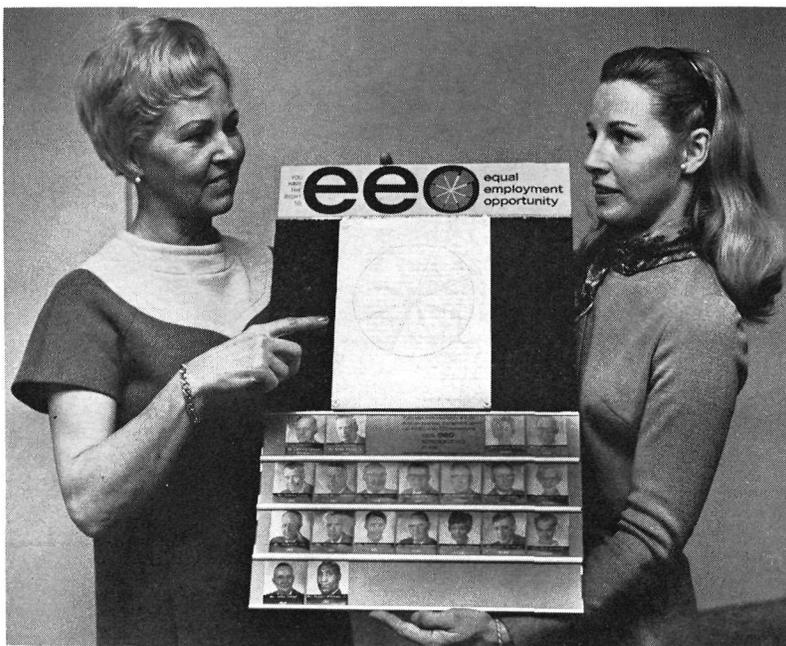
Chickens, deprived of their immune responses, by thymectomy or bursectomy, are being studied as models of the immunological deficiency diseases of humans. In particular, the mechanisms of gene activation as a response to antigenic stimulation are under study.

Referrals of patients with diseases of immunologic deficiency, es-

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Dr. Kirkpatrick will continue research started at the U. of Kansas Medical Center, to clarify mechanisms of aspirin hypersensitivity.



Posters identifying NIH Equal Employment Opportunity Program Planning Council members are going up this week on official bulletin boards. Jeni Arliss, NINDS and a council member (left), discusses the first poster with Elaine Hamilton, DRS artist who designed both the poster and the EEO symbol. The poster points out that employees may learn more about the NIH program by contacting council members.

## International Conference On Rubella Immunization Opens Today at CC

An International Conference on Rubella Immunization opened today in the Clinical Center auditorium. Dr. Robert Q. Marston, Director of NIH, welcomed the group of some 400 physicians and investigators from as far away as Australia.

Focus of meetings scheduled for the next 3 days (Feb. 18-20) will be on progress in the development of an effective rubella vaccine.

A reception and dinner will be held tomorrow night at the Washingtonian Motel. Principal speaker will be Dr. William H. Stewart, Surgeon General, PHS, whose subject is "The Problem and Prevention of Birth Defects."

Dr. Albert Sabin, Distinguished Service Professor, University of Cincinnati, will serve as toastmaster.

In addition to the United States, countries represented include: Sweden, Norway, Israel, Belgium, Ireland, Finland, Germany, Japan, South Africa, Iran, Denmark, Eng-

## Joseph Brown Receives Commendation Award

Joseph M. Brown, Jr., chief, Radiation Safety Section, Department of Nuclear Medicine, Clinical Center, has been presented with the PHS Commendation Award.

The gold medal and certificate were presented to him by Dr. Jack Masur, CC Director, who was acting for the Surgeon General.

Mr. Brown received the honor "In recognition of sustained high quality performance and initiative in the management of a difficult surveillance program in radiation physics for the protection of patients and staff members."

As Radiation Safety Officer with the rank of Sanitarian Director, USPHS Commissioned Corps, he administers safety programs for the NIH scientific staff who use radioactive materials.

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land, Canada, Italy, Jamaica, Mexico, Chile, France, Switzerland, The Netherlands, Brazil, Czechoslovakia, USSR, Australia, and Taiwan.

Attendance is by invitation only.

## Dr. Roth Awarded Title: 'Distinguished Scientist,' For Research on Insulin

The discovery that plasma insulin in man is composed of "big" and "little" insulin helped win for Dr. Jesse Roth the Maryland Academy of Sciences' 1968 "Distinguished Young Scientist" award.

Dr. Roth is head of the section on Diabetes and Intermediary Metabolism, National Institute of Arthritis and Metabolic Diseases.

He shared the title with two other scientists: Dr. Raymond D. Mountain, a physicist at the National Bureau of Standards, and Dr. Chao-Cheng Wang, associate professor of mechanics at The Johns Hopkins University.

Winner of the award for the "Outstanding Young Scientist," was Dr. Howel G. Pugh, who was honored for his experiments on the structure of nuclear systems and



Dr. Roth found plasma insulin in man present in the circulation in two forms: "little" and "big" insulin.

their reactions. He is associate professor of physics at the University of Maryland.

In his research Dr. Roth found that the endogenous plasma insulin in man is present in the circulation in two distinct forms: "little insulin" and "big insulin."

In light of this, previous concepts of insulin physiology may be significantly revised.

Further studies are under way by Dr. Roth to determine the biological activity and physiological importance of "big insulin" and its relationship to "little insulin."

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NIH Record Office ..... Bldg. 36, Rm. 1C-18. Phone: 49-62125

Editor ..... Frances W. Davis  
Assistant Editor ..... Fay Leviero

## Staff Correspondents

Tony Anastasi, DRS; Bari Attis, NINDS; Lloyd Blevins, NICHD; Thomas Bowers, CC; George Bragaw, NHI; Katie Broberg, NIAMD; Lawrence Chamblee and Florence Foelak, BHPEMT; Jan Clagett, FIC; Gladys Ganley, DCRT; Mary Anne Gates, NIMH; Sue Hannon, NIDR; Anabel Holliday, ADA; Sheila Jacobs, NCI; Elizabeth Y. James, NIEHS; Marlyn Lebedzinski, NLM; Marion Oakleaf, DRG; Faye Peterson, DBS; Jane Shure, NIAID; Wanda Warddell, NIGMS; Beverly Warran, DRFR.

## CSC Announces Increase In Retirement Annuity Effective March 1

A 3.9 percent cost-of-living retirement annuity increase to be effective March 1969 was recently announced by the Civil Service Commission.

In order to qualify for this increased annuity, persons must be separated or have their pay cease by the close of business Feb. 28. The increase will be reflected in annuity checks received April 1.

Under the provisions of Public Law 87-793, the Postal and Federal Employees Salary Act of 1962, retirement annuities are automatically increased to reflect changes in the cost of living as determined by the CSC from the Consumer Price Index issued each month.

Such increases are made whenever the cost of living, nationwide, rises to a level of at least 3 percent over the consumer price index for the month used as the base (presently February 1968) and stays up for 3 consecutive months.

Employees interested in how long they would need to remain in active employment before their annuity would equal the amount they could get by retiring on or before Feb. 28 should contact I/D personnel offices or refer to notices on the Official Bulletin Boards.

## R&W Seeks Members for '69

The R&W Association is now conducting its annual drive for members.

On Feb. 18, 19, and 20 volunteers will sell 1969 membership cards outside of the cafeterias of Bldgs. 1, 10, and 31, and the lobby of the Westwood Building. Membership cards may also be purchased from I/D representatives.

## NIH Television, Radio Program Schedule

### Television

#### NIH REPORTS

WRC, Channel 4  
Sundays—4:25 p.m.

Feb. 23

Dr. Lester Goodman,  
chief, Biomedical Engineering and Instrumentation Branch, DRS  
Subject: Monitoring Body Functions

March 2

Dr. Samuel Baron,  
Laboratory of Viral Diseases, NIAID  
Subject: Potential Use of Interferon Inducers

### Radio

#### DISCUSSION: NIH

WGMS, AM-570—FM Stereo  
103.5—Friday Evenings—  
About 9:15 p.m.

Feb. 21

Dr. W. French Anderson,  
head, Section on Human Biochemistry, NHI  
Subject: Genetic Surgery: Possible Correction for Genetic Defects

Feb. 28

Dr. Robert I. Levy,  
head, Section on Lipoproteins of Molecular Disease Branch, NHI  
Subject: What Do High Blood Levels of Cholesterol Mean?

Both interviews take place during intermission, Library of Congress Chamber Music Series.

## Role of Nurse in Clinic Discussed at CC Conference



The four CC nurses who opened the 1969 series of Clinical Nursing Conferences recently are, from left to right: Ruth J. Metka, Claudia A. Seipp, Ida L. Millar, and Lessie M. McCain.

The "Changing Role of the Nurse in the Outpatient Clinic" was discussed at the first Clinical Nursing Conference of 1969 recently in the Clinical Center auditorium.

The Conference, one of seven scheduled annually for each nursing service, is part of the CC Nursing Department's educational program.

Participants were members of the CC Outpatient Department staff. Their audience included physicians, nurses, hospital executives, and administrators.

### Nursing Needs Discussed

Ruth J. Metka, chief, CC Admissions and Followup Nursing Service, opened the conference and pointed out the need for a good working relationship with the staff. She discussed nursing skills, and the need for rotating tours of duty in order to meet research goals.

Ida L. Millar, a clinical nurse in the CC Outpatient Clinic, spoke of the changing role of the nurse in outpatient care during the period, 1953 to 1963. She touched on the increase in research projects, and complex medical procedures, and nursing responsibilities.

Claudia A. Seipp, head nurse, CC Outpatient Clinic, described the nurse's role in the National Cancer Institute's Special Ambulatory

Care Program established 3 years ago for selected outpatients.

Lessie M. McCain, a clinical nurse, CC Outpatient Clinic, discussed present day NIH research projects in the clinic and pointed to the need for keen nursing judgment.

## CC Reports Blood Donors In January Gave 244 Units

The Clinical Center Blood Bank reports that 244 units of blood were received from NIH donors in January, and CC patients received 1,490 units of blood.

Two donors joined the Gallon Donor Club. They are Louis D. Bourgeois, CC, and Donald L. Wood, DRFR.

Make an appointment to donate blood today. Call the CC Blood Bank, Ext. 64506.

## Drivers, Riders Wanted By BHPEMT Personnel; Check Locator Map

NIH employees living in Virginia or Washington, D.C., are urged to check the Carpool Locator Map for drivers and riders among the employees of the Bureau of Health Professions Education and Manpower Training and its Divisions.

Several hundred BHPEMT personnel are moving from the Tower Building in Arlington, Va. to Bldg. 31 on the NIH reservation.

### Cards on File

Virginia and D.C. residents have filed carpool cards which have been placed in appropriate boxes near the Locator Map at NIH. The numbered squares on the map in the Tower Building are identical with those on the NIH map.

Prompt action in filling out and filing carpool cards will help everyone concerned in the move.

## Cafeteria in Bldg. 35 Opens

The cafeteria in Bldg. 35, which offers a view in addition to food, was opened Feb. 3.

The new cafeteria can seat 412 persons at one time, according to Mrs. Magdalene Wilson, manager of the cafeteria for Government Services, Inc.

The cafeteria hours are:  
7:30 to 8:30 a.m.  
9 to 10:30 a.m.  
11 a.m. to 1:30 p.m.  
2 to 3 p.m.

## Raymond Dixon to Retire Spent Almost 47 Years In Fed., State Service

Raymond F. Dixon, Director, Division of Health Manpower Educational Services, Bureau of Health Professions Education and Manpower Training, will retire Feb. 28 after almost 47 years of combined Federal and State health service.

He has spent over 12 years in the Public Health Service.

He will be honored by friends and associates at a party to be held Feb. 28 at the Naval Gun Factory.

Dr. Leonard D. Fenninger, Bureau Director, paid tribute to Mr. Dixon for "his keen insight into training needs in the many health professions and occupations short of manpower, and his astute administration of programs supporting education in these fields."

Mr. Dixon was appointed Division Director in January 1967, when the former Bureau of Health Manpower was established under a PHS reorganization.

From 1956 to 1961, he served in the Division of Community Health Services, first as Public Health advisor, and later as deputy chief of the Public Health Traineeship Unit.

Mr. Dixon received the DHEW

## DRS Develops Portable Kit to Monitor Bacteriological, Physical Environment

An inexpensive hand-portable environmental monitoring kit to test the bacteriological and physical environment of facilities has been developed by the Biomedical Engineering and Instrumentation Branch, Division of Research Services.

This is the first time such basic equipment has been assembled in a portable carrier at a price that small hospitals and health departments could afford.

It was assembled by DRS from "off-the-shelf" components, and has been field-tested.

### Kit Contains Apparatus

The kit contains a temperature indicator, a relative humidity indicator, bacteriological contact culture plates, swab test tubes, and smoke tubes for evaluating air circulation patterns.

This apparatus permits accurate testing of sterilizers, mechanical dishwashers, water supply temperatures and bacteriological surface cultures, as well as the examination of air humidity and circulation patterns.

The kit was developed for the Health Facilities Planning and Construction Services, Health Services and Mental Health Administration.

Plans and specifications for the kit are being published so hospitals and other health agencies can assemble it at a minimum cost.

These plans are described in an article appearing in the February 16 issue of *Hospitals*, Journal of the American Hospital Association.

Dr. Lester Goodman, chief of BEIB, stated that the kit "is an excellent example of how straightforward engineering design can serve to satisfy comprehensive needs of long standing."

### NIH Employees on Military Leave to Receive 'Record'

All NIH employees now on military leave will soon be receiving copies of the *NIH Record*.

A personal letter from Clifford F. Johnson, Director of NIH Office of Information, will accompany the initial mailing.

As other employees go on military leave, they, too, will be placed on the *Record's* mailing list.

In 1953 he was made deputy commissioner for Administrative Services.

Mr. Dixon was one of the organizers of the Kentucky Public Health Association, and served as its President in 1955-1956.

Between 1948 and 1953, he also held concurrent positions as assistant secretary to the Kentucky Medical Association, associate editor of the *Kentucky Medical Journal*, assistant secretary for Medical



Marshall Turner, former DRS engineer, reads the temperature-meter in the environmental test kit which records the wash and rinse temperatures registering from the sensing element inside the machine. Mr. Turner is now studying for his M.A. at Harvard.

## DR. KIRKPATRICK

(Continued from Page 1)

pecially hypogammaglobulinemia, will be requested.

A 1954 graduate of the University of Kansas, Dr. Kirkpatrick received his medical degree from that University's Medical Center in 1958.

He was a Fellow in Allergy and Immunology at the University of Colorado School of Medicine and, later, a member of that institution's faculty.

### Taught at Medical Center

Immediately prior to coming to NIH, Dr. Kirkpatrick was head of the Clinical Immunology Section and associate professor of Medicine, University of Kansas Medical Center.

He is a member of a number of societies, including the American Academy of Allergy, the American Thoracic Society, and the American Association of Immunologists.

## A-Negative Canine Blood Available for Research

The canine blood donor colony is now capable of producing an excess of A-negative blood for research, according to the Division of Research Services.

Thus far, the National Heart Institute has been the greatest user of this type of blood.

Researchers in other Institutes and Divisions who require canine blood should phone the NIH Animal Center, 948-5517.

Licensure, Kentucky State Board of Health, and assistant secretary, Kentucky Medical Research Commission.

## Cancer-Specific Antigens React Against Patients' Malignant Melanoma

National Cancer Institute scientists have taken the first step toward proving the existence of cancer-specific antigens in human neoplasms.

The team of NCI investigators were Drs. Donald L. Morton, Elbert C. Holmes, and Alfred S. Ketcham, of the Surgery Branch, and Dr. Richard A. Malmgren of the Laboratory of Pathology.

### Immunologic Factors Evident

They sought to demonstrate in the serum of cancer patients antibodies that react specifically with tissue from the patients' own tumors (autologous tumor tissue).

Malignant melanoma was the form of cancer chosen for study because it shows evidence of immunologic factors, such as an unexpectedly high rate of spontaneous regressions, and regressions in recipients of transfusions of blood from patients with spontaneous regressions.

The sera of 27 patients with melanoma and 25 normal sera were tested for reactivity against tissue specimens of 7 different melanomas.

### Sera Reactivity Studied

The reactivity of the autologous sera against the 7 melanomas was studied either against living cell suspensions or acetone-fixed tumor preparations.

In indirect immunofluorescent tests (acetone-fixed preparations), all of the autologous sera gave positive reactions against their own melanomas, indicating the presence of specific antibodies.

In addition, 61 percent of the sera from other melanoma patients (homologous sera) gave positive reactions against the melanoma test specimens, but only 20 percent of the normal sera were positive.

These studies suggest that most malignant melanomas contain a common tumor antigen which is immunogenic in patients with this neoplasm.

The scientists noted that animal neoplasms induced by a virus contain the same tumor-specific antigens. They suggested that the sharing of antigens among human melanomas might similarly indicate a common virus etiology.

### Employee Health Unit Opens To Serve Buildings 36, 37

The Employee Health Service announces that an auxiliary health unit is now open in Bldg. 37, Rm. B-105.

This unit will serve employees of Bldgs. 36 and 37.

All employees should report and receive treatment promptly for occupational injuries.



Mr. Dixon was awarded honorary membership in the Association of American Medical Colleges Group on Student Affairs for work in developing and administering Federal Aid Programs for Medical Students.

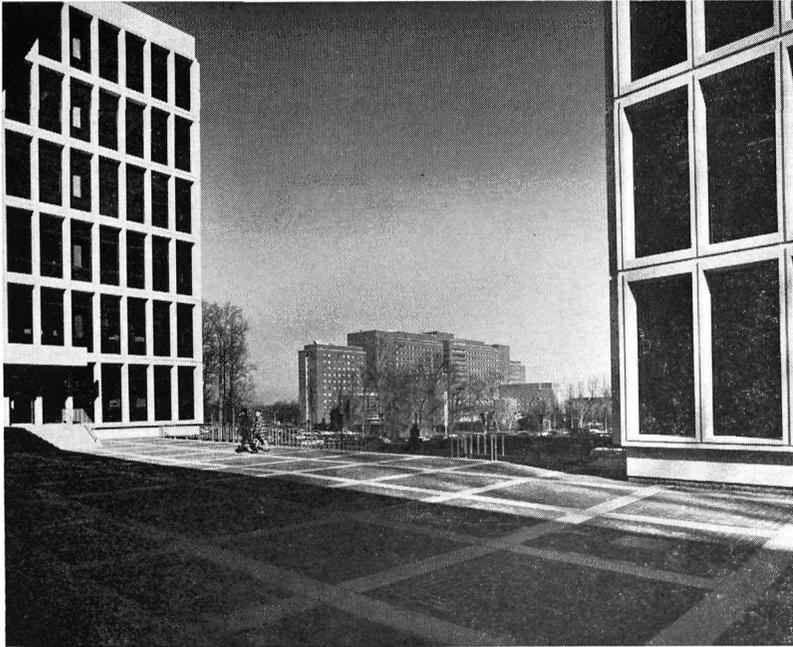
Superior Performance Award in 1963 and the Superior Service Award in 1967.

He was also awarded, in 1968, honorary membership in the Association of American Medical Colleges Group on Student Affairs, the first to be so honored.

He was cited for his excellent work in the development and administration of Federal financial aid programs for medical students and medical education.

A native Kentuckian, Mr. Dixon first entered Government at the State level in 1948, when he became executive assistant to the Commissioner, Kentucky State Health Department.

## The New Lab Buildings Embody Functional Design With Symmetry — Plus a View From the Terrace



Some 530 employees have already moved into two recently completed laboratory buildings—36 (National Institute of Neurological Diseases and Stroke and the intramural staff of the National Institute of Mental Health) and 37 (National Cancer Institute).

The two buildings, each planned for approximately 700 employees, are linked together by corridor tunnels, which are also connected with the cafeteria in Bldg. 35.

Construction cost of the three buildings, exclusive of equipment, was in excess of \$16 million.

### Dr. Falkner Appointed Acting Assoc. Director Of NICHD Program

Dr. Frank Falkner has been appointed acting associate director for Program Planning and Evaluation of the National Institute of Child Health and Human Development. The appointment was announced by Dr. Gerald D. LaVeck, Institute Director.

Dr. Falkner replaces Dr. Dwain N. Walcher who is leaving Federal service.

#### Will Assess Institute Needs

Dr. Falkner will direct activities for program development and evaluation for the Institute's present and future needs.

He will remain Director of the Perinatal Biology and Infant Mortality Branch until a successor is named.

Dr. Falkner came to NICHD in 1968 from the University of Louisville's Department of Pediatrics. There, he was head of the Department, professor of Pediatrics, and Director of the university's Child Development Unit.

He has also been chief of staff at the Louisville Children's Hospital.

#### Income Tax Return Help Available in 3 Locations

There are now three locations where employees may obtain income tax information and assistance in computing returns:

L. Ramelli, Bldg. 31, Rm. B1B-35, Monday through Friday, 9:30 a.m. to 4 p.m. For information via telephone call Ext. 62550, 8:30 to 9:30 a.m. or 4 to 5 p.m.

Charles Gaba, Westwood Building, Rm. 332, Tuesday and Thursday, 12 noon to 5 p.m., Ext. 67306.

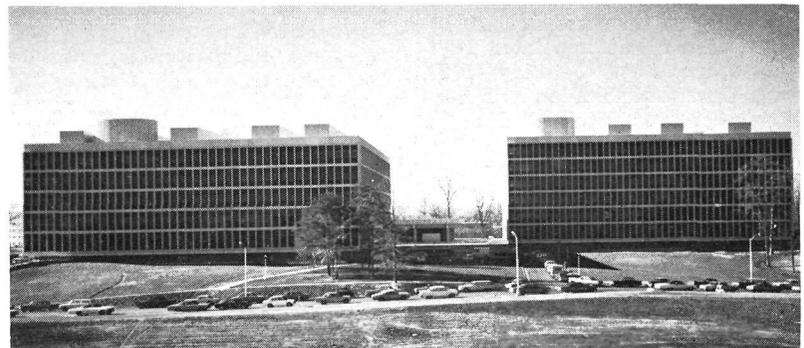
Charles Gaba, Bldg. 10, Cloakroom off Main Lobby, Wednesday and Friday, 12 noon to 5 p.m., Ext. 62469.

When assistance is required a draft copy of the tax return should be completed and brought to the tax assistant.

He is an alumnus of Malvern College, England, and received his M.D. degree in 1945 from Corpus Christi College, Cambridge University, and the London Hospital Medical College.

He was Chief Resident at the London Hospital, and received special training at the Children's Hospital in Cincinnati, Ohio, and Guy's Hospital in London.

Photos by Ed Hubbard



### MR. BROWN

(Continued from Page 1)

Mr. Brown prepared the NIH Radiation Safety Guide which delineates safety procedures followed by scientists here. The manual has been adopted in several other large institutions.

Under his leadership, the Radiation Safety Section has pioneered in developing methods for safe disposal of radioactive waste at sea.

In collaboration with the U.S. Coast Guard, he guided the development of these methods so that NIH was granted one of the first



Joseph M. Brown, Jr., chief of the CC Nuclear Medicine Department's Radiation Safety Section (center), receives a PHS award from Dr. Jack Masur, CC Director. Mrs. Brown proudly takes part in the ceremony honoring her husband.

### 2 Acting Branch Chiefs Named by Dr. DeWitt

Dr. Anton M. Allen has been named acting chief, Laboratory Aids Branch, and Warren V. Powell, acting chief, Environmental Services Branch, both in the Division of Research Services.

The appointments were announced by Dr. William B. DeWitt, Acting Director of DRS.

Dr. Allen, also chief of the Comparative Pathology Section, came to LAB in 1959; Mr. Powell, with ESB since 1961, is chief of the Biomedical Control Section.

They replace Dr. Raymond Zinn and Edwin Lamphere, now with the Environmental Control Administration.

licenses given by the AEC for this type of disposal.

Mr. Brown has also served on special duty with other Federal agencies, such as AEC Task Force on Eniwetok in 1951, and an Armed Forces Special Weapons Project in 1956.

Mr. Brown holds a B.S. degree from The Citadel. He has attended the University of Tennessee, George Washington University, and American University graduate schools for advanced training in radiation chemistry, physiology, biology, entomology, and cytology.