Stengle Named to Post At Lister Hill Center

Dr. James M. Stengle has been named deputy director for Medical Affairs, Lister Hill National Center for Biomedical Communications, a part of the National Library of Medicine. There, he will develop and coordinate medical programs and provide liaison with the medical community for evaluating projects.

Dr. Stengle was formerly chief of both the Blood Resource Branch and the Thrombosis and Hemorrhagic Diseases Branch, National Heart and Lung Institute.

Received PHS Medal

He is a graduate of Oberlin College, and received his M.D. from Northwestern University. His honors include the Nuffield Fellowship in Hematology from Oxford University in England, and the PHS Meritorious Service Medal for his achievements in national and international hematology programs.

Dr. Stengle came to NIH in 1953 as a clinical associate, Laboratory of Clinical Investigations—now NIAID. His NIH career from 1954 to the present has included assignments in the Division of Biologies

(See DR. STENGLE, Page 2)

PHS Officers, CSC Employees at NIH Are Honored During Awards Ceremony

The sixth Annual NIH Honor Awards Ceremony was held yesterday (Monday, May 20) in the Masur Auditorium. Ten PHS Commissioned Service Medals, and 32 Civil Service Superior Service Honor Awards.

The medals and certificates were presented by Dr. Robert S. Stone, NIH Director.

Leon M. Schwartz, Associate Director for Administration, delivered a welcoming address, introduced the employees, and read their citations.

After the ceremony, a reception was held in the CC lobby for those who received awards, and their families and friends.

The Record Marks 25th Year; Stone Congratulates Staff

With this issue, the Record is beginning its 26th year of publication (see pages 4-5).

"The NIH Record, which this week celebrates its 25th year of continuous publication, reflects the growth of NIH," Dr. Robert S. Stone, NIH Director, said in a congratulatory message to the employee newspaper.

"Over the years, the Record has reported historical happenings as well as everyday NIH activities. That it has been successful is evident by the many awards it has received for excellence in reporting scientific and other newsworthy events.

"We congratulate the staff on the consistently high quality of its coverage of important NIH events, and wish the NIH Record continued success in the future."

(See NIH AWARDS, Page 8)

Dr. Wallace Rowe Given Another Honor—Second in 2 Months—the Ricketts Award

Dr. Wallace P. Rowe, National Institute of Allergy and Infectious Diseases, will receive the 1974 Howard Taylor Ricketts Award of the University of Chicago this Thursday (May 23). Dr. Rowe is chief of the Laboratory of Viral Diseases.

The Ricketts Award, given for significant medical research, will be presented to Dr. Rowe in the auditorium of Billings Hospital in Chicago. Following the ceremony, he will give the annual Howard Taylor Ricketts Lecture. His topic is Viruses as Genes in Mammalian Cells.

Dr. Leon O. Jacobson, dean of the University’s Division of the Biological Sciences and the Pritzker School of Medicine, will present the award which was established in memory of the University of Chicago scientist who demonstrated that Rocky Mountain spotted fever is transferred among men by ticks.

(See DR. ROWE, Page 8)

Dr. Orloff Will Direct NHLI Intramural Studies Succeeding Fredrickson

Dr. Orloff has authored many scientific papers and co-edited the volume, "Renal Physiology."

Dr. Jack Orloff was recently named director, Division of Intramural Research, National Heart and Lung Institute.

Dr. Orloff is succeeding Dr. Donald S. Fredrickson, who will assume the post of president, Institute of Medicine of the National Academy of Sciences.

Dr. Orloff’s appointment will become effective July 1.

The new director has been a member of the Institute’s scientific staff since 1950, and has served as chief of the NHLI’s Laboratory of Kidney and Electrolyte Metabolism since 1962.

Was Fellow at Yale

Dr. Orloff received his M.D. at New York University College of Medicine in 1943.

After serving 2 years in the Army, he was a Research Fellow at Yale University School of Medicine 1948-1950 and then joined the staff of NHLI.

Dr. Orloff’s many contributions to the field of renal and electrolyte physiology include studies on the acidification of urine, the metabolism and excretion of ammonia, electrolyte metabolism in the kidney, and the mechanism of ADH, the hormone responsible for renal regulation of water balance.
Dr. R. McCauley Leaves Gov't After 30 Years

Dr. R. McCauley

Dr. Robert H. McCauley, Jr., training officer, Office for Program Activities, National Institute of General Medical Sciences, recently retired after 30 years of service with the Federal Government.

Dr. McCauley began his Government career in 1944 as an entomologist with the Technical Development Division of the Communicable Disease Center in Savannah, Ga. He was transferred to the CDC in Mannon, S.C., in 1950 and after one year went to the Pacific Northwest Drainage Basins in Portland, Ore., as the CDC representative.

From 1954 to 1956, Dr. McCauley returned to the CDC Technical Development Laboratories in Savannah as a toxicologist.

After 2 years there, he went on assignment to the Pan American Sanitary Bureau as an entomologist in Puebla, Mexico.

Dr. McCauley joined NIGMS (then the Division of General Medical Sciences) in 1958 as executive secretary of the Anatomical Sciences and Genetics Training Committee.

Later, he served as deputy chief, Research Training Grants Branch, and in 1973, with the Institute's reorganization, he became OPA training officer.

Dr. McCauley received his A.B. from Washington and Lee University and his Ph.D. in zoology from Cornell University.

At a farewell luncheon held at Normandy Farm, friends and coworkers gathered to present him with several gifts, including a large volume of his favorite author, Shakespeare, and a companion dictionary.

NIAID, Krin Larson; NIAMDD, Pat Gorman; NICHD, Bill Sanders; NINDS, Carolyn Holstein; NLM, Fran Patrick.

Publications Win STC Awards in Several Categories

Payroll Errors at NIH Decrease Since Use Of Automated System

During the past 2 years payroll errors at NIH have decreased dramatically.

A new automated time and attendance system has replaced the manual system that was used in the past.

In April of this year only 345 payroll errors were reported. (In the middle of 1972 as many as 3,000 payroll-leave errors were found.)

NIDR, NIEHS, FIC, and DRR had no backlog of errors last month.

Two NCI Offices Hold Seminar On How to Assist Employees

The personnel and administrative offices of the National Cancer Institute held their first workshop on ways in which the staffs of both offices can further assist NCI employees. The 2-day seminar held on April 24-25 discussed how methods of communication can be improved.

The meetings, organized by O. H. Laster, NCI training officer, were opened by Calvin B. Baldwin, Jr., executive officer. Seminars were headed by Rosemary Williams, NCI personnel officer, and Dr. Leon Nadler, a professor of education at George Washington University.

William H. R. McConnell Dies; Former Photographer at NIDR

William H. R. McConnell, a former employee of the National Institute of Dental Research, died on April 30 in Washington, D.C.

Mr. McConnell, a photographer with NIDR’s Laboratory of Histology and Pathology, retired in 1970 after 33 years in Government.

Prior to joining NIDR in 1944, he had worked with the Treasury and Navy Departments.

Mr. McConnell is survived by his wife Bernice, his parents, two daughters and a son.

NIH did well in this year’s Society for Technical Communications awards competition: first place honors went to the CC Nuclear Medicine Department for its Radiation Safety Book in the category for manuals and handbooks.

In the brochure category, the National Eye Institute publication, Cataraacts, won second place, and Facts about Nutrition, issued by the National Institute of Arthritis, Metabolism, and Digestive Diseases, received honorable mention.

Frank Holz, Division of Dental Health, BHME, won honorable mention in the technical reports category. These reports were issued while BHME was a component of NIH. It is now the Bureau of Health Resources Development.

Dr. R. McCauley

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NIH AWARDS  
(Continued from Page 1)
rector, Extramural Programs and associate director NINDS, "... outstanding efforts and services as Director, Extramural Programs and as Associate Director, National Institute of Neurological Diseases and Stroke, ..."

Dr. ALBERT Z. KAPIKIAN, assistant chief, Lab. of Infectious Diseases, and head, Epidemiology Sec., National Institute of Allergy and Infectious Diseases, "... skillful use of immune electronmicroscopy to reveal the causative agents of two diseases of major importance: infectious hepatitis and acute infectious non-bacterial gastroenteritis."

Dr. CARL F. T. MATTERN, senior investigator, Lab. of Viral Diseases, NIAID, "... contributions to fundamental knowledge of viruses, including his discoveries... crystallization of animal viruses and the existence of viruses infecting protozoa."

Dr. ROBERT H. PURCELL, senior investigator, Lab. of Infectious Diseases, NIAID, "... contributions to knowledge of the causes of viral hepatitis... dynamic leadership of research teams..."

ROBERTA E. PEAY, chief, Heart Social Work Section, Clinical Center, "... leadership in directing an NHLI program... in clinical care... activities related to patients and their family members."

Superior Service Honor Awards: 
GENEVIEVE L. GARNER, special assistant to the Deputy Associate Director for Administration, NIH, "... outstanding work performed and sustained high level effectiveness in administrative matters..."

EDWARD E. NICHOLAS, Jr., assistant director for Operations, OPM, "... sensitive... creative contributions to personnel management... providing a consistently high level of advice... assistance to the senior management of NIH."

Dr. SOLOMON SCHNEYER, director, Office of Program Analysis, OD, "... important and continuing contributions to the development and strengthening of program analysis, program evaluation, ... program planning at NIH."

HELEN R. SCHROEDER, assistant Policy and Procedures officer, OD, "... impeccable judgment... outstanding contributions... development of policies and procedures affecting... extramural programs of NIH."

ALEX SMALLBERG, director, Office of Contracts and Grants, ADA "... demonstrated expertise, leadership, and staff assistance in... program of contracting and related management improvement... administration of grants and contracts..."

NIH Employees to Receive Supplemental Paycheck

Most white collar workers at NIH will be coming into a windfall on or before June 30. Retroactive salary checks—ranging from $54 to $430 (before taxes)—will be paid to employees who were on the payroll during the last quarter of 1972.

The delayed 5.14 percent pay hike was for the period from Oct. 1, 1972 until Jan. 1, 1973.

STORM WHALEY, Associate Director for Communications, NIH, "... leadership, professional skill, and wisdom in directing the complex communications program of NIH."

ARTHUR J. BROERING, deputy associate director for Extramural Programs, National Library of Medicine, "... contributions to the guidance and development... NLM grant programs... direction and growth... Regional Medical Library System."

KENT A. SMITH, assistant director for Administration, NLM, "... exceptional competence as an administrator... contributions to the management of NLM dedication to... highest traditions of public service."

Dr. MONES BERMAN, head, Mathematical Biology Section, National Library of Medicine, "... contributions to mathematical biology... mathematical modeling of physiological processes."

Dr. STEPHEN K. CARTER, associate director for Cancer Therapy Evaluation, NCI, "... leadership in planning, coordinating... implementing... collaborative clinical trials program supported by the Division of Cancer Treatment, NCI."

Dr. PAUL B. CHRETIEN, head, Tumor Immunology Section, and assistant chief, Surgery Branch, NCI, "... contributions to surgical cancer treatment."

NATHAN MANTEL, formerly senior research mathematical statistician, NCI, "... development of a philosophial and mathematical base for... safety testing of possible carcinogens... phenomenal productive activity as an applied mathematical statistical consultant."

Dr. ROBERT W. MILLER, chief, Epidemiology Branch, NCI, "... superior performance as branch chief... noteworthy research achievements in the field of epidemiology."

At a recent Government-wide kickoff to promote the U.S. Savings Bond Campaign, Ted Bessros (l), star of television's "Kojak," greets Ronald Melia, a programmer, who is savings bond coordinator for the Division of Research Resources.

Monkeys, Awards, and Dedication Mark Harry Diehl's 40 Years of NIH Service

By Pat Gorman

One spring day in 1934, passersby in downtown Washington witnessed the unlikely spectacle of monkeys swinging in trees.

Mr. Diehl has co-authored a number of papers with members of NIAID's professional staff for publication in the scientific literature.

preparation of the cultural medium in which the Salk vaccine virus is grown.

Because of his great dedication to his research, Mr. Diehl has worked here for a number of months on his own time to complete a publication on this work.

A native of McGeheesville, Va., Mr. Diehl is currently a resident of Rockville. He is an active member of the Flower Hill Church of the Brethren where he has taught adult Sunday School classes for 25 years.

During his retirement, Mr. Diehl plans to continue his work in the ministry.

Federal Women's Program

More women than men received full-time GS appointments at NIH last year, but most of them were in the lower grades.

A FWP analysis of hiring during 1973 shows that 584 out of 852 new appointments were women. Ninety-six percent of them came in at Grades 9 and below. Only 20 women—half as many as the previous year—received appointments to higher grades.

The analysis also shows that 75 percent of all men appointed to GS positions at NIH were in GS 9 and below. Forty-eight men or 23 percent came in at grades 10 and above.
World-Renowned Scientists Assemble at Fogarty Center

NLM Dedicated: Speakers Include Hill and Ribicoff

NIEHS Established As Tenth Institute

Dr. Jack Masur Named CC Director

Dr. Marshall W. Nirenberg Is First NIH Nobel Laureate: 2 Grantees Share Prize

NIAMD Cracks RNA Genetic Code: Work Seen of Major Importance

Biomedical Engineering Plays Increasing Role in Research

Dr. Julius Axelrod, NIMH Researcher, Shares Nobel Prize With Two Others

Chinese Scientists, Physicians Visit NIH

Intensive Five-Year Plan for Fighting Cancer Announced

NIH to Implement U.S.-U.S.S.R. Agreement To Collaborate on Research in 3 Areas
Meritorious Service Medals

NIH AWARDS
(Continued from Page 3)

Dr. LEVENTHAL, Dr. ORLOFF, Dr. VAUGHAN, Dr. ZUKEL,

Dr. DR. Purcel, Ms. PEAY, DR. TOWER, DR. GOLDSTEIN, DR. KAPIKIAN, DR. METTERNICH

Parasite Growth and Differentiation Section, NIAID, "... contributions to the methodology of nucleic acid separation and isolation ... development of a program in molecular carcinogenesis."

Dr. ELBERT A. PETERSON, head, Protein Chemistry Section, NCI, "... pioneering conceptual and experimental studies on chromatographic resolution of complex protein mixtures, including development of techniques ... employed in macromolecular biochemistry."

Dr. MICHAEL D. WALKER, associate director, Baltimore Cancer Research Center, NCI, "... contributions to the therapy of brain tumors ... effective leadership of ... Brain Tumor Study Group ... development ... Baltimore Cancer Research Center."

EVELYN L. ATTIX, administrative officer, NHII, "... high ability as an administrator in balancing and adapting resources to program needs in ... research environment of NHII."

Dr. RUDOLPH E. JACKSON, chief, Sickle Cell Disease Branch, NHII, "... launching ... guiding an innovative program of research and education and service related to Sickle Cell Disease."

Dr. CLAUDE J. M. LENFANT, director of Lung Diseases, NHLI, "... leadership in developing/directing a new program against lung diseases ... efforts in working with ... biomedical community to implement the program's goals."

LYMAN MOORE, executive officer, NIH, "... superior performance and leadership ... administrative implementation of the National Heart, Blood Vessel, Lung and Blood Program."

Dr. SAMUEL M. SCHWARTZ, associate director for Review, NHII, "... role in developing the modular education system of the Staff Training-Extramural Programs Committee."

LAVERNE C. EDMONDSON, head, Section for Data Collection, NINDS, "... effectiveness and dedication to the management of the data collection activities and research efforts of the Perinatal Research Branch."

Dr. MICHELANGELO G. F. FUORTES, chief, Lab. of Neurophysiology, NINDS, "... significant fundamental contribution to the neurophysiology of vision ... led to understanding how light generates an electrical signal in visual receptors."

Dr. WILLY BURGDORFER, head, Rickettsial Diseases Section, NIAID, "... research on the dynamics of rickettsial infections in arthropod vectors, as related to the epidemiology and control of rickettsial diseases."

Dr. LOUIS S. DIAMOND, head,
Superior Service

Honor Awards

Ms. Garner  Mr. Nicholas  Dr. Schneyer  Ms. Schroeder  Mr. Smallberg
Ms. Tong  Dr. Goodman  Mr. Norn:
Mr. Whaley  Mr. Brocning  Mr. Smith  Dr. Berman  Dr. Carter  Dr. Chretien  Dr. Goldin
Dr. Heston  Dr. Johnson  Mr. Mantel  Dr. Miller  Dr. Oliverio  Dr. Peacock  Dr. Peterson  Dr. Walker
Dr. Jackson  Dr. Lefant  Mr. Moore  Dr. Schwartz  Ms. Edmondson  Dr. Fuortes  Dr. Burgdorfer
Dr. Diamond  Dr. Gross  Ms. Leonard  Dr. Paul  Dr. Woodside  Dr. Kupfer  Mr. Kahn  Dr. Kinoshita
Dr. Bennett  Dr. Roth  Dr. Tjio  Ms. Brocard  Dr. Martin  Dr. Alter  Ms. Badger
Ms. Brown  Dr. Doppman  Ms. Thompson  Dr. Bergmann  Dr. Heming  Ms. Tong  Dr. Goodman  Mr. Norris
Satellite Planned for Health Communications Experiments In Alaska and Pacific Northwest to Be Launched May 30

The ATS-F is the most complex, versatile, and powerful communication research satellite ever developed. The ATS-F is a compact unit in launch configuration (1). Once in space, the solar booms release (2) and extend to full deployed (3). The electrical power is supplied by two semi-cylindrical solar panels on the end of each arm. Fully deployed, the 3090-pound spacecraft expands its 30-foot reflector antenna. Contained in the ATS-F is an Earth Viewing Module which is connected to the antenna. The satellite is a Fairchild Industries, Germantown, Md., under contract to the National Aeronautical and Space Administration's Goddard Space Flight Center.

By Robert B. Mohnert

Staffers at NLM's Lister Hill National Center for Biomedical Communications will be holding their breath the morning of May 30. Barring any last minute hitches, that's the date NASA will launch the Application Technology Satellite-F (ATS-F) communication experiments in Alaska and the Pacific Northwest. In its geosynchronous orbit some 22,300 miles above the equator, the ATS-F will match Earth's 24-hour rotational period and thus remain over a fixed point on the globe.

The new spacecraft, to be renamed the ATS-6 when in orbit, will be used to test a variety of new space communications concepts—in all, more than 20 scientific experiments.

The first of the ATS series, the ATS-1, has been used by the Library since 1971 for an experimental medical communication network.

Memorial Lecture Delivered By Fredrickson in Madrid

Dr. Donald S. Fredrickson, National Heart and Lung Institute, delivered the Jimenez-Diaz Memorial Lecture yesterday (Monday, May 20), in Madrid, Spain.

Dr. Fredrickson, director of NHLI's Division of Intramural Research, was presented with a medal that is given to the scientists who are invited to speak in memory of Prof. Carlos Jimenez-Diaz.

Dr. Jimenez-Diaz was professor of internal medicine at the University of Madrid from 1926 until his death in 1968. He founded the Institute for Medical Research there, and taught many of Spain's most prominent physicians.

Dr. Fredrickson's lecture was entitled Lessons About Plasma Lipoprotein Derived From Tangier Disease and Other Mutants.

Dr. Ricketts died in 1910 of typhus fever—he was doing research on the organism that causes the disease.

Dr. Rowe is known for his research on mammalian viruses, particularly tumor virus studies.

His honors include the Eli Lilly Award, the Esther Langer-Bertha Teplitz Award, the U.S. PHS Meritorious Service Medal, the Rockefeller Public Service Award, and the G.H.A. Clowes Award.

Honored Last Month

Last month, Dr. Rowe was further honored with four other NIH staff members at a DHHS Honor Awards Ceremony. He received the Distinguished Service Medal and was cited "For his studies of the genetic transmission of murine leukemia viruses and for his distinguished leadership of research programs in fundamental virology."

The Ricketts Award has been given to a number of the world's most distinguished scientists including Dr. Jonas E. Salk, and Dr. Albert B. Sabin who is now doing research on mammalian viruses, particularly tumor virus studies.

The ATS-6 will add two-way video communication to the voice link provided by ATS-1. Thus, health aides at several remote villages will be able to "present" patients to a physician at the Indian Health Service hospital in Tanana and receive professional guidance based on the doctor's "examination."

Consultations Facilitated

The hospital will even be able to call for consultation with specialists at the Alaska Native Medical Center in Anchorage, who will likewise be able to see the patient.

In a related experiment, the Lister Hill Center, working with the Bureau of Health Resources Development, hopes to use the ATS-6 satellite to bring "live" (two-way voice and video) instruction in the basic sciences to students and faculty at the University of Alaska in Fairbanks from the University of Washington.

Lectures, demonstrations, and classroom experiments can originate from both sites, and discussions between students and faculty at both ends is expected.

Another part of the health education experiment will involve third- and fourth-year medical students studying under clinicians at Omak, in central Washington.

The students will present patients (by video and voice transmission) to the medical faculty at the University of Washington.

The faculty, although "seeing" the patient, will be able to respond to the student only by voice link. Students will make both formal and spontaneous case presentations.

After a full year of experimenting with the ATS-6, the Lister Hill Center hopes to have amassed data to study the changes and (presumably) benefits brought to health care delivery in Alaska.

And for its first year in orbit, the satellite will be moved to a station over Africa, from which position the Indian government will conduct large-scale experiments in bringing education to natives in that country's remote villages.

Prof. Ernster Returns As Fogarty Scholar

Prof. Lars Ernster, professor of biochemistry at the University of Stockholm, will resume his activities as a Fogarty Scholar on May 23 and remain in residence through Aug. 9.

After Professor Ernster received his doctorate in biochemistry from the University of Stockholm, he joined the faculty. In 1967 he became a full professor, and in 1970, chairman of the department of biochemistry.

The following year he assumed the additional responsibility of dean, section on chemistry at the university.

Dr. Ernster's principal research interests include biological oxidations, bionergetics, mitochondria, enzymes of the endoplasmic reticulum, drug metabolism, and membrane biochemistry.

He has more than 250 research publications to his credit.

Dr. Ernster has held a number of distinguished appointments, including that of head of the Division of Physiological Chemistry, Werner-Gren Institute, 1955-67.

He has also served in a high official capacity with several eminent scientific societies, and since 1972 has been a member of the Swedish Medical Research Council.

Professor Ernster has received an honorary medical degree from the Medical School of the Karolinska Institute since he was last in residence here as a Fogarty Scholar.

(Continued from Page 1)

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The following year he assumed the additional responsibility of dean, section on chemistry at the university.

Dr. Ernster's principal research interests include biological oxidations, bionergetics, mitochondria, enzymes of the endoplasmic reticulum, drug metabolism, and membrane biochemistry.

He has more than 250 research publications to his credit.

Dr. Ernster has held a number of distinguished appointments, including that of head of the Division of Physiological Chemistry, Werner-Gren Institute, 1955-67.

He has also served in a high official capacity with several eminent scientific societies, and since 1972 has been a member of the Swedish Medical Research Council.

Professor Ernster has received an honorary medical degree from the Medical School of the Karolinska Institute since he was last in residence here as a Fogarty Scholar.

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Dr. Ricketts died in 1910 of typhus fever—he was doing research on the organism that causes the disease.

Dr. Rowe is known for his research on mammalian viruses, particularly tumor virus studies.

His honors include the Eli Lilly Award, the Esther Langer-Bertha Teplitz Award, the U.S. PHS Meritorious Service Medal, the Rockefeller Public Service Award, and the G.H.A. Clowes Award.

Honored Last Month

Last month, Dr. Rowe was further honored with four other NIH staff members at a DHHS Honor Awards Ceremony. He received the Distinguished Service Medal and was cited "For his studies of the genetic transmission of murine leukemia viruses and for his distinguished leadership of research programs in fundamental virology."

The Ricketts Award has been given to a number of the world's most distinguished scientists including Dr. Jonas E. Salk, and Dr. Albert B. Sabin who is now doing research at NIH.

Helen Fletcher, Program Analyst, Dies; Retired From NIH in 1971

Helen Ramoin Fletcher, who had retired from NIH in 1971, died on April 20. Mrs. Fletcher, a program analyst with the Office of Legislative Analysis, OD, headed the Legislative Reference Section. She came to NIH in 1961.

Mrs. Fletcher leaves her husband, Hugh; a son, James; a daughter, Linda, and her father and mother and one sister. Memorial services were held on April 23 in Afton, N.Y.