Drs. Gallo, Rapp Receive Research Awards in N.J.

A new area, hypertension, has been added to the US-USSR's joint agreement to exchange knowledge between the two countries.

Agreement-signing ceremonies at cooperation, and paved the way for joint meetings and scientist exchanges on a public health problem-high blood pressure-affecting over 23 million Americans and probably as many Russians as well.

Dr. Julius B. Richmond, Assistant Secretary for Health, HEW, and Dr. Dmitri D. Venedictov, Deputy Minister, USSR Ministry of Health, signed the agreement.

Citing previous cooperative research on herpes viruses and certain human cancers.

Dr. Rapp's award cited his work on the role of herpes viruses in transforming normal cells to tumor cells, providing additional stimulus to research on herpes viruses and certain human cancers.

US-USSR To Cooperate in Hypertension Studies and Continue Ongoing Research

NIH on Oct. 28 marked 5 years of search, Dr. Richmond noted, "These have been productive years beginning with problems of exploration in oncology, cardiovascular disorders, environmental health, arthritis, and now schizophrenia."

"We look forward to continuing efforts in behalf of scientific health endeavors, and hope we will work for improvement of health of people throughout the world.""Satisfied With Cooperation

Dr. Richmond expressed deep satisfaction with results of the past 5 years, saying these results were far more helpful than if working alone.

Dr. Venedictov said he also hoped that the cooperation between the two countries would improve the welfare of people throughout the world.

At the present time, 75 joint projects are under way in all areas of cooperation.

In the 5-year period, over 500 visits to the USSR were made by American specialists, totaling approximately 370 man-months. In the same period, over 400 Soviet visits to the U.S. were conducted.

(Continued on page 4)

15 Arthritis Centers

To Coordinate Activities In Rheumatic Projects

The award of $2.5 million in grants by the National Institute of Arthritis, Metabolism, and Digestive Diseases will support 15 Multipurpose Arthritis Centers throughout the country.

These Center grants will coordinate activities in education and training, research, and community projects in the field of rheumatic diseases.

Arthritis, the Nation's number one crippler, along with other rheumatic and connective tissue diseases, affects more than 22 million people in the United States at a cost of at least $13 billion a year.

In its report to the Congress in April, 1976, the National Commission on Arthritis and Related Musculoskeletal Diseases called for intensified action to apply currently known treatments, to teach necessary professional skills, to demonstrate and stimulate prompt and effective application of available knowledge for treatment of patients, and to develop new knowledge through Multipurpose Arthritis Centers.

As recommended, the Centers have been established in many parts of the country to provide for equitable geographical representation.

The institutions awarded the initial grants are: University of Alabama School of Medicine, University of Arizona College of Medicine, Boston University School of Medicine, University of California School of Medicine in San Francisco, Dartmouth Medical School, Harvard Medical School, and Indiana University Foundation in Indianapolis.

Other Centers Supported

Also, Johns Hopkins University School of Medicine, Louisiana State University School of Medicine in Shreveport, University of Michigan School of Medicine, Medical University of South Carolina, Stanford University School of Medicine, University of Texas Health Science Center, and Washington University School of Medicine, St. Louis, Mo.
Golf Teams Win Match, Stroke Play Titles

Mashies team members include, l to r: Marshall DePue, Rufus Seabron, Carlton Sullivan, Dr. Walter Schneider, Dr. Cosimo Ajmone Marsan, co-captain Ralph Stork, Dr. Theodore Otani, and team captain David Rogerson. Eight other members are not in photo.

The R&W-sponsored NIH Golf Association has just completed its 13th season.

Competing on various area courses during the first half of the season, the Westwoods, captained by Jim Stoneon, won the 1977 stroke play title by compiling the lowest net scores over 4 field days.

In individual four-ball competition against the Association’s other six teams, the Mashies, captained by David Rogerson, won the 1977 match play title on a variety of local courses during the second half of the season.

Plaque in FAES Social Center Placed in Honor of Bress Gift

The Foundation for Advanced Education in the Sciences has placed a plaque in memory of David G. Bress at the Social and Academic Center.

The Bress Family Foundation donated $2,500 to FAES to be used in support of students in the cooperative FAES-Johns Hopkins doctoral program.

Mr. Bress was a prominent attorney in the Washington area who was a patient in the NIH Clinical Center. The Bress plaque was placed at the Center in appreciation for the generous gift.

Faster Bus Schedule Set For Columbia Commuters

A new, faster schedule is now in effect for the 4-year-old commuter bus service from Columbia, Md., via Route 29 to NIH and Bethesda.

For further information and schedules, contact: Ann Shallowitz, Ext. 61762; or Carter’s Bus Service, (301) 465-9839.

During 5-Day Seminar NIAID Secretaries Hear About Role They Play

The National Institute of Allergy and Infectious Diseases recently held its second annual seminar for secretaries.

During the 5-day program, they were counselled in five areas: The Impact of Communications; The Agency Image; The Art of Organizing; and The “I” in Human Relations.

It was stressed that today’s secretary must first have the tools for her position. These include the ability to communicate—not only verbally but non-verbally.

Special importance was given to consideration of the image projected by employees of NIAID and instruction was given in time-saving methods, planning, and goal setting.

Also discussed was how to make the most of references and resources, and how to put human relations skills to work for job success.

Lectures Planned for Nov. 17
At History of Medicine Society

Pity the Poor Surgeon’s Mate: Medical Environment of the Early U.S. Navy, 1798-1815 will be the topic of Dr. Harold Langley of the Smithsonian Institution on Thursday, Nov. 17, at a meeting of the Washington Society for the History of Medicine.

Discusses 19th Century Statistics

Dr. James H. Cassidy of the National Library of Medicine will also speak on Fertility by the Numbers: The Motivations of 19th Century American Birth Statistics.

The meeting will be held at 8 p.m. in the Billings Auditorium, NLM, 8600 Rockville Pike, Bethesda, Md.

Guests are welcome. For information, call 496-5961.

Mime Performance Nov. 19:
SHER Legal Fund To Benefit

Tickets for the Saturday, Nov. 19 performance of “Off the Wall” by the Street 70 Mime Troupe will benefit the Self Help for Equal Rights organization at NIH. The production will be held at 8 p.m. at the Rockville Civic Center (Baltimore Road at Edmondson Drive).

Contact Dorothy Moore, Bldg. 37, Room 4C-17, Ext. 65320, for advance sale tickets at $4.50 each.

SHER’s weekly meetings at noon on Tuesdays continue to be held in Bldg. 10, Room 1S-213.

SHER members are currently selling pens—and will be selling calendars before Christmas—to raise additional funds to support current legal suits regarding sex discrimination.

Smookey the Bear dropped by to visit Clinical Center patient Pam Kerns as he made his rounds of the nursing units and clinics during Fire Prevention Week, Oct. 9-15. Smookey, played by NIH Fire Department operator Charles E. Lindsay, handed out fire hats to all the children.

Experts To Review Health Plan Coverage on Nov. 21

A panel of experts representing the various health plans in the Federal Employees Health Benefits Program will review their respective 1978 contract coverage on Monday, Nov. 21, from 2 to 4 p.m. in Bldg. 1, Wilson Hall.

All employees are invited, but permission to attend should be cleared with super-

During the Health Benefits Program’s “Open Season,” Nov. 14 through Dec. 9, eligible employees may enroll in one of 13 different plans, change option, type of enrollment, or any combination of these.

Staff Correspondents

ADA, Judy Fouche; CC, Susan Gerhold; DCRT, Mary Hodges; DRG, Sue Meadows; DRR, Jerry Gordon; DRS, Arthur F. Moore; FIC, George Presson; NCI, Dr. Robert M. Hadassell; NEI, Julian Morris; NHLBI, Bill Sanders; NIA, Ann Shallowitz; NIAID, Jeanne Winnick; NIAMDD, Pat Sheridan; NICH, Tina McIntosh; NIDR, Sue Burroughs; NIEHS, Julian Morris; NHLBI, Bill Sanders; NIMH, Betty Zubovic; NINCDS, Carolyn Holstein; NLM, Roger L. Gilkeson.

November 15, 1977

THE NIH RECORD

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Scientists Discuss China Visit at Nov. 30 Forum; Note Changed Date, Time

Three NCI scientists recently back from a 24-day visit to the Peoples Republic of China will present a slide-illustrated report on cancer in that country at the NCI monthly forum on Nov. 30 at 1 p.m. in Bldg. 31, Conference Room 10, 6th floor.

The scientists are Dr. William Terry, chief of the Immunology Branch, and Dr. Chou-Chik Ting, Laboratory of Cell Biology, Division of Cancer Biology and Diagnosis; and Dr. Robert W. Miller, chief of the Clinical Epidemiology Branch, Division of Cancer Cause and Prevention.

They made their trip under the auspices of the National Academy of Sciences' Committee for Promotion of Scholarly Communication with the Peoples Republic of China. They visited hospitals, research institutions, and medical schools in Canton, Shanghai, and Peking, and also saw commune health stations in rural areas.

At the forum meeting, Dr. Terry will speak about the diagnosis and treatment of cancer in China. Dr. Miller will report on the etiology and epidemiology of cancer in that country, and Dr. Ting will discuss cancer prevention.

Will Show Slides

Each will speak for about 15 minutes. Their slides will show not only aspects of clinical cancer, but also interesting aspects of the Chinese lifestyle.

Please note that this forum meeting will be held on the fifth instead of the fourth Wednesday of November, at 1 p.m. instead of at noon. All interested NIH employees are invited.

Camera Club Demonstration, Competition Planned Nov. 16

The NIH Camera Club, sponsored by the Recreation and Welfare Association, will hold a pictorial competition on Wednesday, Nov. 16, at 8 p.m. in Conference Room 4, Bldg. 31. Guests are welcome to attend.

Before the meeting, at 7 p.m., a demonstration will be given on methods for mounting prints. No materials are necessary—only interest.

For information on the Camera Club and requirements to enter competitions, call Kenneth Edwards, Ext. 66750.

Tulane Univ. Cites Dr. Held

Dr. Joe R. Held, Director of the Division of Research Services, has been named 1977 outstanding alumnus of the Tulane University School of Public Health and Tropical Medicine.

Dr. Held graduated from Tulane in 1959.

Clinical Pathology Dept. Forms 'Tech Councils' For Democratic Approach

The Clinical Pathology Department of the Clinical Center has taken a democratic approach in managing its operations. With a staff of over 200 employees, tasks can get complicated. Communications may break down, and one section may have no idea what another section is responsible for within the department.

To combat these problems, the Clinical Pathology Department has formed a committee called a "Tech Council" made up of technologists and support personnel.

Sections Have Councils

The three laboratory sections—Chemistry, Hematology, and Microbiology—each has its own Council of five technologists and one support staff member. Each Tech Council meets once a month during lunchtime to iron out its own problems. They have proposed and had accepted new methods of operation.

Also, a primary concern of all three Councils is the promotion of continuing education programs and planning of new training sessions.

Plan Ahead for Move to ACRF

The Councils' working relationship will greatly facilitate the transition when the department takes over an entire floor in the Ambulatory Care Research Facility.

Dr. Ronald Elin, department chief, meets each month with the chief section technologist and two representatives from each Council in a combined meeting. His support has led to significant improvements in operations.

The Councils are now forming a new safety committee within the department to study laboratory safety and hazards, and are meeting with the Nursing Department Administrative Council to discuss methods of insuring the quality of specimen collections.

M.C. Aids Its Children With Impaired Vision

Any child in Montgomery County, birth to 18 years, whose vision is believed to be so impaired that it might interfere with his/her successful development or functioning in school or in his environment should be referred to Dr. Rosemary O'Brien, supervisor of Vision Services, telephone 942-6050 or 657-8292.

Services offered free of charge in M.C. public schools include parent-infant intervention with demonstration and home teaching by vision teachers.

Offers Services at Home

Also offered are social services for these children and their parents including counseling and parent education seminars, and Learning Center classes for children 3 years old to school readiness.

Transportation is provided to all programs in Montgomery County public schools.

Jim Fordham, writer-editor at NIAMDD, and his wife Andrea, came to WNED-TV in Buffalo, N.Y., for taping of the "Ethics in America" program for educational TV. The Fordhams have also appeared in numerous television talk shows in the Washington area since publication in July of their book, "The Assault on the Sexes."
Atlas Gives Pictorial Monograph on Oral, Facial Development

A monograph, presenting detailed photographs of the normal and defective development of the oral-facial complex, has been published under the sponsorship of the National Institute of Dental Research.

Collaboration with Dr. Hideo Nishimura of the Central Institute for Experimental Animals and the department of anatomy, Faculty of Medicine, Kyoto University, Japan, made possible this publication of a 12-year systematic study of normal and abnormal human development.

With the assistance of hundreds of Japanese obstetricians, a large number of embryonic and fetal specimens from normal pregnancies were studied under the Eugenics and Maternal Protection Law of Japan.

Much progress has been made in techniques to correct congenital craniofacial malformations, particularly in children. Although rehabilitative efforts must continue, it is increasingly evident that major emphasis must be on prevention of congenital disfigurement.

Research in Many Directions

Research into the etiologic factors of these malformations is proceeding in many directions, including human genetic and cytogenetic studies, environmental research, and teratologic experimentation.

Morphologic investigations of human development extend our present knowledge of timing, direction, and amount of growth—details most important in both etiological research and in the habilitation of children with craniofacial growth problems.

A limited number of copies of Prenatal Development of the Human with Special Reference to Craniofacial Structures are available upon request to Dr. Richard L. Christiansen, chief, Craniofacial Anomalies Program Branch, NIDR, Room 520, Westwood Bldg., Bethesda, Md. 20014.


NFFE, Local 1776, Elects Officers at NLM for 2 Years

The National Federation of Federal Employees, Local 1776, which holds exclusive recognition for non-professional employees in the National Library of Medicine recently elected officers to serve 2 years:

President, Charles Drinkard; 1st vice president, Gerald Garner; 2nd vice president, William Roberts; 3rd vice president, Frances Davis; secretary, Mary Thomas; treasurer, Iona Solomon; and chief steward, Louella Thomas.

Strict Diet, Insulin Control May Prevent Kidney Damage Among Diabetic Patients

Researchers in a General Clinical Research Center at the University of Minnesota Hospitals have begun a 5-year study to determine whether strictly regulating the diet and insulin medication of diabetic patients with kidney transplants can prevent the recurrence of blood which physician take a biopsy of their kidneys to look for small vascular lesions which usually indicate the onset of damage due to diabetes.

If the biopsies begin to show kidney vascular lesions present in the research group not under strict control, but no lesions in those patients who have been closely regulated, it would indicate that a diabetic is not predisposed to suffer vascular damage and eventual kidney failure.

Such evidence would suggest that kidney damage can be avoided if the diabetic is placed under the strict control of a physician rather than self regulation.

Dr. Goetz emphasizes the importance of a unit like the General Clinical Research Center in the long term study with its sophisticated laboratories, diet kitchen, and personnel trained to provide quality health care while at the same time carrying out meticulous research protocols.

The investigation will be led by Dr. Jose Barbosa, endocrinologist in the department of medicine, in close collaboration with Dr. John Najarian's organ transplant program.

US-USSR AGREE ON HYPERTENSION STUDIES

(Continued from Page 1) for a total of approximately 400 man-months.

As a result of the joint work of U.S. and Soviet scientists, over 300 scientific papers have been published in the medical literature of both countries and the proceedings of joint symposia.

In 1977, one joint monograph, in English in the U.S.A. and in Russian in the USSR, was published within the Program, Methods of Development of New Anticancer Drugs.

Within this period, 92 working meetings were held in both countries to disseminate the results of specific areas and to develop detailed plans of work for future efforts.

The materials of these meetings were examined and approved at the previous sessions of the Joint Committee.

Yearly detailed reports of the progress of all priority areas were attached in the annexes of the corresponding Memoranda of the Joint Committee Sessions.

Both Dr. Richmond (1) and Dr. Venedictov expressed hope that the cooperation between their two countries would benefit people throughout the world.

NIH Visiting Scientists Program Participants

10/2—Dr. Winston Edwards, Jamaica, Carcinogenesis Testing Program. Sponsor: Dr. Richard A. Green, NCI, Bg. 37, Room 3A18.

10/17—Dr. Christiane Kruger, Germany, Section on Cellular and Molecular Physiology. Sponsor: Dr. Herbert L. Cooper, NCI, Bg. 10, Room 5B51.

10/18—Dr. Pierre G. Milhaud, France, Laboratory of Molecular Biology. Sponsor: Dr. Michael Gottesman, NCI, Bg. 37, Room 4B03.

10/25—Dr. Kozo Abe, Japan, Laboratory of Neuropathology and Neuroanatomical Sciences. Sponsor: Dr. Maria Spatz, NINCDS, Bg. 36, Room 4B32.

10/25—Dr. Mark Crane, United Kingdom, Laboratory of Parasitic Diseases. Sponsor: Dr. James Dvorak, NIAID, Bg. 5, Room 134.

10/25—Dr. M. Richard Kardish, Canada, Laboratory of Environmental Toxicology. Sponsor: Dr. James W. Woods, NIEHS, Research Triangle Park, N.C.

10/25—Dr. Dan Milder, Australia, Clinical Branch. Sponsor: Dr. David Cogan, NEI, Bg. 10, Room 10N317.

Dr. Cooper Is Sponsor

10/25—Dr. Klaus Resch, Germany, Laboratory of Pathophysiology. Sponsor: Dr. Herbert Cooper, NCI, Bg. 10, Room 5B51.

10/25—Dr. Oskar J. Steinwall, Sweden, Laboratory of Neuropathology and Neuroanatomical Sciences. Sponsor: Dr. Igor Klatzo, NINCDS, Bg. 36, Room 4D02.

11/1—Dr. Amos Frisch, Israel, Laboratory of Molecular Biology. Sponsor: Dr. Ingmar Czerni- Otero, NIAMDD, Bg. 2, Room 307.

11/3—Dr. Krishna Baki, India, Laboratory of Nutrition and Endocrinology. Sponsor: Dr. George Rushizky, NIAMDD, Bg. 6, Room B1-14.

COPYRIGHT

(Continued from Page 1) sign such documents.

The new act does not prohibit Government workers from securing copyrights for their own personal works.

Clarifies Individual Rights

A House of Representatives committee report says, "A Government official or employee would not be prevented from securing copyright in a work written at that person's volition and outside his or her duties, even though the subject matter involves the Government work or professional field of the official or employee." Employees who have questions about copyrights should communicate with the Office of the General Counsel, Ext. 64108, Bldg. 31, Room 2B-50.
New Illustrated Volume Traces Cancer Research Throughout the Ages

A history of cancer research over the past 5,000 years, entitled *Contrary to Nature*, has been published by the National Cancer Institute.

The book was written by a noted cancer scientist, Dr. Michael B. Shimkin, professor of community medicine and oncology at the University of California, San Diego, and former president of the American Association for Cancer Research.

The chronicle points out that cancer was named by the Greeks and ascribed to "an excess of black bile," one of the "four humors" of the body—to the development of modern methods of treatment and a growing understanding of the causes of cancer.

The 498-page book, DHEW (NIH)/76-720, is available from the National Institutes of Health, 800 health-related information centers throughout the United States, 20402, (Stock no. 017-042-00128-5, at $12.75 per copy).

Louise Atwell Cares for a Rare Colony Of Poisonous Frogs, Tests Their Toxins

The colonies of the various frogs, collected in the wild by Dr. John W. Daly of NIAID, require continuing care and attention which Mrs. Atwell has provided meticulously. She feeds them crickets and wingless fruit flies. Under her care, some species of the poison-dart frogs have been bred at NIH.

She often wonders if one of the cardiac stimulants or pain-relieving substances produced by the poison-dart frogs might benefit her directly.

"I don't even want to think about retiring," declares Mrs. Atwell when that subject is broached. "My doctor wanted me to retire after I had coronary artery bypass surgery in April 1975, but I didn't want to then and I still don't want to."
**NIH Alumni Association, Under FAES Auspices, Publishes 1st Newsletter**

The first issue of the NIH Alumni Newsletter, a publication of the newly established NIH Alumni Association, was recently sent to approximately 8,000 former employees, guest workers, and others previously affiliated with NIH, including visiting fellows, scholars-in-residence, postdoctoral fellows, consultants, and members of advisory councils, committees, boards, and study sections.

### Recognized Need

The Alumni Association is sponsored by the Foundation for Advanced Education in the Sciences, which "recognized the need for a mechanism to insure continuing contact between NIH and its many alumni around the world," according to Association president Dr. Robert F. Goldberger, National Cancer Institute.

### NIH ALUMNI ASSOCIATION NEWSLETTER

Alumni and regular members of FAES will receive the quarterly newsletter, edited by Huly Bray, executive secretary of the Alumni Association and special projects officer, Office of the Director, NIH.

For a nominal annual fee of $5, NIH alumni residing more than 25 miles from the NIH campus are eligible for non-resident membership in both FAES and the Alumni Association.

For alumni located in the immediate area, the regular FAES membership fee is $10 per year. The membership year began on Sept. 1.

### Benefits Received

Alumni dues and donations are maintained in a separate FAES fund and will be used to support the publication of the newsletter and other alumni activities.

The facilities of the Social and Academic Center (located adjacent to the NIH campus on the northeast corner of the intersection of Cedar Lane and Old George-town Road), and of the FAES bookstore and office (Bldg. 10, Room B1-L101) are also available to members of the Alumni Association.

Co-chairmen of the Association's Alumni Committee are Drs. Karl A. Pies, National Institute of Dental Research, and William F. Harrington, McCollum Pratt Institute, Johns Hopkins University.

### Board Members Listed

- Dr. Bruce N. Ames, University of California at Berkeley; Dr. Nathaniel F. Berlind, Northwestern University, Chicago, III.; Dr. Robert W. Berkley, Yale University School of Medicine; Dr. C. Thomas Caskey, Baylor College of Medicine, Houston; Dr. Pedro Cuatrecasas, Burroughs Wellcome Co., N.C.; Dr. Harry Eagle, Albert Einstein College of Medicine; N.Y.; Dr. Charles J. Epstein, University of California School of Medicine, San Francisco; Dr. Leon A. Heppel, Cornell University; Dr. Leroy E. Hood, California Institute of Technology, Pasadena; Dr. Seymour S. Kety, Harvard Medical School; Dr. Arthur Krofters, Stanford Medical School; Dr. Paul A. Marks, Columbia University; Dr. Robert G. Marston, University of Florida, Gainesville; Dr. Alan H. Mohler, Medical College of Wisconsin, Milwaukee; Dr. Arlen Metzler, Cornell University Medical College, N.Y.C.; Dr. Alexander Rich, M.I.T.; Dr. Daniel Steinberg, School of Medicine, University of California, San Diego; Dr. Bert Witter Steffen, Jr., NIH; Dr. Sidney Udendorf, Roche Institute of Molecular Biology, Nutley, N.J.; Dr. P. Roy Vagelos, Merck Sharp and Dohme Research Laboratories, Rahway, N.J.; and Dr. James B. Wyngaarden, Duke University.

### 4 States To Initiate Projects To Show How Hypertension May Be Controlled

The National Heart, Lung, and Blood Institute has awarded contracts totaling over $8 million to four states for the initiation of statewide demonstration projects in hypertension education, screening, treatment, and control.

The recipients of these awards are California, Connecticut, Maryland, and South Carolina.

The demonstration projects, which will be administered by the Institute's Division of Heart and Vascular Diseases are aimed at reducing illness, disability, and death from hypertension and from such common consequences of uncontrolled hypertension as heart attacks, strokes, congestive heart failure, and kidney failure.

Each State will mobilize resources and manpower from State and local health departments; medical and dental societies; voluntary health agencies, such as state and local heart associations; and other agencies and groups—public or private, statewide or local—who desire to participate.

Overseeing the programs in each State will be a Statewide Coordinating Council recruited from major professional and voluntary organizations operating in the State and also including consumer and minority group representation.

Their purpose is to coordinate ongoing education, screening, and treatment activities to avoid needless duplication or fragmentation of effort while insuring the availability of effective methods of hypertension detection and control, not only to communities throughout the State but to rural areas as well.

The programs of each State will have some elements in common with the programs of the other three, but other elements will be specifically tailored to the needs and resources of that particular State.

No State program represents a "Master Plan" for emulation by other States. Rather, the goal is to demonstrate that such coordinated efforts are feasible and effective in improving hypertension control.

The experience of these four States can then be drawn upon by other States in formulating programs best suited to their own needs and capabilities.
Dr. Willie Smith Retires;
Investigated Radiation During 34 Years Here

Dr. Willie W. Smith, research physiologist, recently retired from the National Cancer Institute’s Laboratory of Pathophysiology after 34 years at NIH. Dr. Smith began her career at NIH in 1943, in a laboratory that eventually became a part of the National Institute of Arthritis and Metabolic Diseases.

Her first research projects concerned the acute toxicity of DDT, soon to be used by American troops in Italy and North Africa, and of methyl chloride—a substitute refrigerant and ingredient in synthetic rubber.

Later, Dr. Smith guided a young radiologist through some experimental work, after which she began her studies of the effects of radiation. The young radiologist—Dr. Robert Q. Marston—went on to become the Director of NIH from 1968 to 1973.

In those early days of investigating the damaging effects of radiation, Dr. Smith studied the influence of environmental factors (altitude, temperature, hypoxia, exercise), endocrine factors and dietary factors on the effects of radiation and recovery from sub-lethal doses.

She went on to study the role of infection in death from radiation, and the effects of antibiotics and the body’s own cellular defenses in countering radiation.

In the early 1960’s she was invited to witness an atomic bomb test in Nevada and examine the blast area. The test was set up to simulate an A-bomb explosion in a residential area.

Transfers to NCI

In 1953 Dr. Smith and her colleagues were transferred to the Laboratory of Biophysics (later to become the Laboratory of Physiology) in NCI where she continued her studies of the effects of radiation on bone marrow and the production of white blood cells.

“My move in 1943 to the National Institute of Health (the “s” wasn’t added until 1949) was intended to be for the duration of the war, but as you can see, I’m still here 34 years and 1 month later,” she said.

Dr. Smith received her Ph.D. degree from Columbia University in 1938.

She has published extensively in numerous journals, reviewed manuscripts for Radiation Research, JNCI, and Science, and served on numerous professional committees.

In addition to her research work, Dr. Smith is an avid gardener. In keeping with this hobby, she was presented with a hybrid rhododendron as a “graduation gift.”

Today’s Grants Associates Become Tomorrow’s Scientist-Administrators

The NIH Grants Associates Program has proven to be a fertile job market for health scientist administrators—those employees who administer NIH’s grants and contracts.

Nearly two-thirds of the 114 graduates of the program during the last 15 years still remain at NIH. Another 13 (11 percent) are with other Public Health Service agencies and 8 (7 percent) are with Federal but non-PHS agencies; 10 (9 percent) are now with universities or other parts of the public sector.

GA program graduates are an excellent resource for NIH officials seeking experienced scientists with specific training in extramural programs and administration. Moreover, the program offers very good short term professional manpower.

During the year-long program, a Grants Associate takes on a series of assignments, compatible with grades GS 12-14 and usually 1 month in duration, in the extramural area.

GA’s, for example, have helped study sections run site visits or aided permanent staff with the contract review process.

The tour of duty, which includes both on-the-job training and some form of course work, helps GA’s to make some long term career decisions and allows NIH selecting officials to work with a prospective employee.

Although there is no guarantee of a position after completing the program and there is no obligation that the GA remain a Federal employee, mutual needs are met.

A recent survey of 36 graduates shows that each was offered at least one position upon graduation; all but two accepted a position in the PHS.

Fifty-six percent of these graduates became health scientist administrators in areas directly related to their scientific expertise.

The Grants Associates Program was originally conceived as an NIH program to recruit and train scientists in grants administration. In early 1961, it was obvious that the growth of NIH extramural programs required escalated recruitment of competent science administrators.

In response, NIH created the Program in December 1961. Quite soon this original focus was broadened to include training in all aspects of extramural research administration throughout the PHS.

Competition for a GA tour of duty is very high—only 10 slots (GS 12-14) are filled from the nearly 300 annual applicants.

Those applicants whose names are rated at the top of the CSC register in a given discipline may be interviewed by members of the Grants Associates Board (the Program’s governing body).

The Grants Associates Board reviews the candidacy of these applicants and makes a recommendation for selection by the Associate Director for Extramural Research and Training, NIH.

As GA’s near the end of their 12-month training, the chairperson of the GA Board sends a memo of availability of the GA, with a document describing his/her relevant training and experience to senior officials in the PHS who are responsible for hiring science administrators. Those who are interested can then arrange interviews to explore possible positions.

Mechanisms of Bone Loss: DRG Workshop Is Today

The first scientific evaluation Workshop on Mechanisms of Localized Bone Loss was co-sponsored by the Division of Research Grants’ Oral Biology and Medicine and General Medicine B Study Sections, is being held Nov. 14-15 at the Shoreham Americana Hotel in Washington.

Presentations will center on current developments in diverse areas relating to mechanisms involved in the pathogenesis of localized disorders of bone. The workshop will consolidate these findings and identify the most promising new directions for future investigations.

The workshop was organized by Drs. Thomas M. Tarpley, Jr., and William F. Davis, Jr., executive secretaries of the sponsoring study sections, and by Dr. John E. Horton, program chairperson.

Workshop proceedings will be published in March/April 1978 as a special supplement in monograph form to the journal, Calcified Tissue Abstracts.

DES Honors Retiring Long-Term Employees

James Young (l), head of the North Buildings Unit, Maintenance Engineering Section, DES, congratulated Mr. Campbell (c) and Mr. Ashby (r) at their recent retirement party, and presented co-workers’ gifts.

Friends and colleagues recently gathered for a double retirement party for Roger Ashby and Massie Campbell of the Maintenance Engineering Section, Division of Engineering Services.

Came to NIH in 1946

Mr. Ashby, who came to NIH in 1946, served as senior building engineer for Bldgs. 3, 8, and 21 for the past 20 years.

Mr. Campbell, an electrician’s helper, joined NIH in 1961. Both men received special farewell good wishes—large color photographs of NIH signed by dozens of their co-workers.

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Mr. Campbell, an electrician’s helper, joined NIH in 1961. Both men received special farewell good wishes—large color photographs of NIH signed by dozens of their co-workers.
Exercise Can Improve Experience of Aging, Researchers Agree

A recent 3-day conference on Exercise in Aging—Its Role in Prevention of Physical Decline and in Aging was jointly sponsored by the National Institute on Aging and the President's Council on Physical Fitness and Sports.

Conferences from across the U.S., Canada, and Western Europe considered this largely neglected area of research on Oct. 27-29 at NIH. Dr. Robert N. Butler, NIA Director, and C. Carson Conrad of the President's Council greeted the conference participants.

As research papers were presented, several important points of agreement emerged:
- Exercise can enable the body to maintain a vital reserve which has a protective effect during stress. Exercised bones do not demineralize, and therefore are less likely to break or lose range of motion.
- Exercised lungs still exhibit the emphysema-like changes of age, but are far less diminished in capacity when compared to sedentary lungs.
- Exercised cardiovascular systems show a similar maximal preservation of function.
- The benefits of exercise in preventing obesity are numerous. Late-onset diabetes is almost entirely reversible with the achievement of ideal bodyweight.
- Regular exercise permits greater caloric intake, thus increasing nutrition while preventing obesity.
- Exercise improves the quality of life. Research comparing exercise to a widely prescribed tranquilizer found exercise to be superior in both relaxing and elevating mood.
- Since anxiety and depression are major problems in the aged, the value of exercise is clear.
- There are definite risks in initiating exercise programs for the sedentary of all ages. A thorough medical examination is, therefore, essential before commencing an exercise program.

Health Science Library Administrative Training Internships Are Available

The new Health Sciences Library Management Intern Program, sponsored by the National Library of Medicine in cooperation with the Council on Library Resources, has been established to broaden the experience of mid-career librarians by involving them in top-level administration at academic health science libraries.

Three Receive Training

The three candidates chosen will spend 1 year, beginning in September 1978, each working with the director and top administrative staff of a major academic health science library.

The host libraries will be chosen by NLM on the basis of the quality of educational experience they can offer.

Interns will receive a stipend equal to their current salary and benefits (up to $25,000) plus travel, moving costs, and incidental educational expenses.

Internship applicants must have at least 5 years of professional library experience and have a demonstrable interest in library administration in the health sciences. The program is open to U.S. citizens and foreign nationals with permanent residence in the U.S.

Deadline Is Feb. 1

Applications must be postmarked no later than Feb. 1, 1978. The names of successful candidates will be announced in the spring of 1978.


Willie Bowles, Jr., has been appointed assistant director for Materiel Management, Division of Administrative Services. Formerly he served as chief of the Materiel Support and Contracts Division, Department of Human Resources, in the District of Columbia.