

"Still
The Second
Best Thing
About Payday"

Shannon, Fogarty, Hill Led NIH's Modern Development

By Jim Bryant

(Second of two installments marking the 25th anniversary of the Fogarty International Center)

Dr. James A. Shannon is widely recognized as one of the most outstanding NIH directors. He served at a key time in NIH's history, from 1955 to 1968. During that time, the NIH budget increased 13-fold—from \$81 million to almost \$1.1 billion.

This was due in no small part to Shannon's careful nurturing of the congressional leaders most responsible for NIH's oversight and funding, Rep. John E. Fogarty of Rhode Island and Sen. Lister Hill of Alabama, chairmen of the House and Senate appropriations subcom-

Scholars Program Brings

World's Top Scientists to NIH

The Fogarty International Center's Scholars-in-Residence Program, which brings leading scientists from around the world to Bethesda to interact with the NIH scientific community, is—like the center itself—observing its 25th anniversary this year.

When the Executive Order establishing the Fogarty Center as NIH's international arm was signed in 1968, it spoke of facilitating "the assembly of scientists and others in the biomedical, behavioral and related fields for discussion, study and research relating to the development of health science internationally." The Scholars-in-Residence Program was instituted that same year in response to this executive mandate. Since then, the program has brought about 200 of the leading scientists from 28 nations and the U.S. to work for up to a year with their NIH counterparts on research topics of mutual interest.

The program has two objectives: to enhance the scientific and intellectual milieu at NIH by enabling interaction between scholars and the scientific community, and to foster the conduct of studies of impor-

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mittees responsible for the NIH budget. They agreed that because of its unique position in biomedical and behavioral research, NIH could play the most important role of any organization in the world in improving public health.

Shortly after arriving at NIH in 1949, Shannon—then associate director of the National Heart Institute—met Congressman Fogarty, a member (though not then chairman) of the House appropriations subcommittee on labor, health and human resources. Shannon

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The NIH Record

SPECIAL AWARDS ISSUE



Robert Gray (l), executive director of the Children's Inn at NIH, and Timothy Boggs, senior vice president of public policy at Time Warner Inc., were joined recently by Bugs Bunny, Sylvester the Cat, Daffy Duck and a number of children for the presentation of a new van to the Children's Inn. The van, decorated with Warner Brothers' Looney Tunes characters, was donated by Time Warner Inc. to help transport children and their families while staying at the inn.

Labor of Love

Everheart's Artistry Evokes Life of Maryland Convent

By Anne Barber

It was like stepping back in time," says Leslie Everheart of her photography exhibit depicting the daily life and traditions of the All Saints Sisters of the Poor, a small Episcopal religious community located in Catonsville, Md. The exhibit called "New Every Morning" contains 52 color photographs. In addition, a diary-like journal has been published containing more photographs. The study was 3 years in the making and the exhibit has been travelling around the area, most recently on display at All Souls Church on Woodley St., N.W. in Washington.

Everheart, a personnel specialist with ORS, says that it was unusual for a convent to allow a photographer to come in to the extent that she did.

"Although I grew up in Baltimore, less than 10 miles away from the site of the convent," says Everheart, "I never realized it was there. About 5 years ago on a weekend retreat at the convent, I became fascinated with the place and its history. After about a year of many more visits, the Mother Superior approached me with the idea of photographing the hilltop so that they might publish a book that could be sold to support their hospice.

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Opens March 1994

NIH To Open Day Care Facility in Nearby Area

NIH is in the process of leasing a 25,000-square-foot day care facility to supplement existing on-campus day care services. There are currently four sites under consideration, all within a 5-mile radius of the NIH campus. The new facility is slated to open in March 1994 as a state-of-the-art day care facility for some 220 children of NIH employees.

The facility, to be open from 7:30 a.m. to 6 p.m., will accept infants and children up to age 13, and will include both a before and after school program, said Paul Horton, director of the Division of Space and Facilities Management, ORS.

Costs for employees will range from \$125-\$185 per week for infants. The weekly cost for preschoolers is \$100. Registration will be on a first-come, first-served basis. Space not claimed by NIH kids will be offered to children of other federal employees, said Horton.

The facility, which has yet to be renovated, is to be "the largest leased day care facility in the General Services Administration's nationwide inventory," Horton claimed. It will be managed by the Nettie Ottenberg Memorial Child Care Center, which has run a similar program at the old Aylawn school in Bethesda for many

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DAY CARE

(Continued from Page 1)

years.

Amenities under consideration at the new center include ample parking, shuttle service between the center and the NIH campus so that parents may drop in on their children during the day, and an emergency ride home service for commuting parents who need to claim their children quickly for doctor's visits or emergencies. The latter service is to be provided by a local taxi company, with which NIH will have a contract.

Horton said NIH's day care committee was instrumental in planning the new facility. "They helped put together a program of requirements and needs for the center," he explained. "They also had input into our use agreement. They will continue to provide oversight once the center is up and running."

NIH already has an on-campus infant center in Bldg. T-39 run by ChildKind, Inc., and a day care center in Bldg. 35 run by Parents of Preschoolers, Inc. (POPI); together these operations care for some 90 children. At the moment, the POPI program has a 2.5-year waiting list, said Horton.

According to GSA estimates, day care is needed by about 2 percent of a given employer's workforce. With some 16,000 employees, NIH needs around 320 day care slots. According to Horton, the new facility coupled with the existing day care centers will meet NIH's needs for day care.

Applications for slots in the center will be accepted in January 1994.—Rich McManus □

Healthy Volunteers Sought

Healthy male or female volunteers between the ages of 18 and 35 are needed for studies of cognitive functioning. Participation is reimbursed. Ask for Beth at 67874. □



These stalwart NIH'ers are smiling because they are participating in the NIH Fitness Center's 10th anniversary "Indoor Triathlon." Rigors include workouts on the center's stairmaster, stationary bicycles, rowing machine, treadmill, and cross-country skiing machine. Some 40 employees participated in the 5-week event, which concluded recently. At left is Brian Beddow, fitness center associate director. Director Jan Forlenza (fourth from l) runs the facility.

Host Families Sought for Students

Host families are being sought for three medical students from Kyoto University in Japan who will be spending their elective research rotation in laboratories of the National Cancer Institute this summer and fall. Dr. Kenneth H. Kraemer of the Laboratory of Molecular Carcinogenesis, Dr. Dolph Hatfield of the Laboratory of Experimental Carcinogenesis, and Dr. Yves Pommier of the Laboratory of Molecular Pharmacology will host 22-year-old students Kenji Mizuseki, Masato Inoue and Yasuko Fukuhara in the fourth year of this exchange program between NIH and Kyoto University.

Dr. Michael Fordis, director of the Office of Education, stated that the program "has been very successful. Our program with Kyoto University Faculty of Medicine is serving as a model for future exchanges with other universities."

While the primary purpose of the students' visit is to engage in a research project, the students hope to become familiar with the American way of life by living with a family. These students are responsible for the funding of their 2-month visit beginning in early August. Reimbursement of host families for room will be made. Families living close to NIH are preferred as the students will have no transportation of their own.

If you are interested in hosting one of these medical students, call Kraemer, 69033, as soon as possible. □

Herpes Patients Needed

Healthy men and women ages 18-55 with confirmed genital herpes for more than a year are needed for a placebo-controlled study at NIAID of a herpes vaccine. For information call 61836. □



Dr. Ada Sue Hinshaw, director of the National Institute of Nursing Research, recently was named Health Leader of the Year by the Commissioned Officers Association of the U.S. Public Health Service. Established in 1987, the award recognizes individuals who have made notable contributions to the health of the nation. Hinshaw received the award at the USPHS Professional Association's 28th Annual Meeting in Scottsdale, Ariz., where she presented a talk on "Quality of Life: A Nursing Focus." She was chosen for the award by a unanimous vote of the Commissioned Officers Association's executive committee.

The NIH Record

Published biweekly at Bethesda, Md., by the Editorial Operations Branch, Division of Public Information, for the information of employees of the National Institutes of Health, Department of Health and Human Services, and circulated to nonemployees by subscription only through the Government Printing Office. The content is reprintable without permission. Pictures may be available on request. Use of funds for printing this periodical has been approved by the director of the Office of Management and Budget through September 30, 1993.

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NIDA Takes New Look at LSD, Hallucinogens

LSD (lysergic acid diethylamide), a drug well known in the 1960's for its powerful and unpredictable mental effects, is back in the news. During the past year, several NIDA surveys and surveillance systems that track drug abuse patterns and identify emerging trends have indicated that there may be some substance to media and anecdotal reports of an increase in the use of the potent hallucinogen.

Prompted in part by these findings and renewed public attention to LSD, NIDA recently assembled a number of leading researchers to discuss the status of research on LSD and other chemically related hallucinogens that produce similar mind-altering effects. The meeting also sought to determine whether these drugs have any potential therapeutic use and how they should best be studied in the 1990's.

Hallucinogens, which may be either natural or synthetic substances, have long fascinated scientists because of their powerful effects on a user's perception of reality and mental activity. For example, extremely low doses of LSD (in micrograms) can produce dramatic changes in sensations and feelings, rapid mood swings ranging from euphoria to panic, hallucinations, distorted time sense, and the impression of hearing colors and seeing sounds.

The fact that LSD consistently produces such powerful effects on mental activity implies that a structure or receptor exists in the brain that fits LSD's specific chemical configuration exactly, says Dr. Geraldine Lin of NIDA's Division of Basic Research. In addition, LSD is structurally similar to serotonin, a naturally occurring chemical that is known to be involved in controlling mood and perception. This means that researchers can use LSD and related hallucinogens as tools to learn more about the basic brain processes that mediate these functions.

Hallucinogens such as LSD, mescaline, psilocybin, and psilocin, were widely used and abused in the 1960's and 1970's. The abuse led to regulatory restrictions that curtailed hallucinogen research with humans for nearly 30 years. During that time, NIDA's ongoing hallucinogen research program relied primarily on animal studies to explore the complex mechanisms whereby hallucinogens trigger neurochemical changes in the brain and exert their behavioral effects.

While considerable progress has been made with animal studies, the human hallucinogen research issue was reexamined at the NIDA meeting, with researchers concluding that there is a need for new human data on this class of drugs, says Lin. Subsequently, NIDA presented the results of the technical review to the drug abuse advisory committee of FDA, which met to reconsider approving clinical investigations of hallucinogens with humans and whether investigational new drug studies should be approved.

The FDA committee concluded that applications to conduct well-controlled human studies of hallucinogens should be evaluated on a case-by-case basis to determine whether they meet the rigorous FDA standards. In fact, the first human study to be approved in many years is a NIDA-funded project that already has begun to yield basic information about the physiological and subjective effects of hallucinogens.

Currently, animal and human studies are attempting to further clarify the mechanisms of hallucinogenic drug actions; determine whether and how the mechanisms are linked to the behavioral and physiological effects of these drugs; identify the primary sites in the brain where LSD and related hallucinogens work; and determine which pathways control the effects these drugs have on vision, perception, cognition, and emotions.

Taken together, these studies could "prove extremely rewarding," says Lin. A better understanding of the ways in which these drugs affect basic brain functions could lead to the development of new medications to treat some of the short- and long-term effects of LSD and other hallucinogens. These effects include acute adverse reactions and long-lasting psychoses, which may be related to past LSD use. Ultimately, hallucinogen research may help researchers gain a better understanding of the way the mind operates and functions in concert with the body to maintain an individual's sense of well-being, say Lin. This could point the way to new psychotherapeutic medications to treat drug abuse and other mental disorders such as anxiety, depression, and schizophrenia.—Robert Mathias □

NEI Scientist Receives Alcon Award

Dr. Deborah Carper, a biologist with the cataract section of NEI's Laboratory of Mechanisms of Ocular Disease, recently received the Alcon Research Institute Award for outstanding contributions to vision research. The work for which she received the Alcon award is titled the "Role of the Polyol Pathway in Diabetic Complications." The Alcon Institute is a foundation dedicated to vision research.

A researcher at NEI for 16 years, Carper received her Ph.D. degree from the University



of Maryland while she continued her research at NEI on the lens and cataract. In 1987, she was awarded the Rohto Cataract Research Award for her significant research contributions in the lens. Currently, she is studying aldose reductase, an enzyme that is suspected of initiating diabetic complications such as cataract, retinopathy, and neuropathy. □



Cassandra Isom, assistant director for development and training in NIH's Division of Personnel Management, was guest speaker at the recent career development seminar, "Succeeding—Not Just Surviving: Success Strategies for the Nineties." A capacity crowd in Wilson Hall heard her presentation on workplace behavior, traits of successful people and tools for achieving success. The talk was sponsored by OEO and the NIH advisory committee for women.

SHANNON

(Continued from Page 1)

was scheduled to testify before the subcommittee, and suggested that Fogarty come out to NIH and "see what it was all about."

In a recent interview at his home in Bethesda, Shannon recalled that event. "So the whole committee came out, and spent all afternoon." Shannon and others showed the committee members the Heart Institute's facilities, and explained the need for animal experiments in heart research.

"That was the beginning of the thing, because I think John felt he finally knew what it was all about," Shannon remembered. "I thought it was my responsibility to share it (knowledge about NIH) with him because he was nice, and he was helpful, but he needed more information."

Both were from Irish Catholic families in the Northeast U.S. that lost their wealth in the Depression and the young men had to go to work. Shannon had worked for a railroad in Long Island for a time, and Fogarty had become a bricklayer in Rhode Island.

"But John was smart, and worked himself up within the organization (bricklayer's union) and they talked him into running for Congress," Shannon recalled. Meanwhile, Shannon received his M.D. and Ph.D. in physiology from New York University.

While directing research at NYU's Goldwater Memorial Hospital, Shannon played an important role in malaria research. He later served as director of the Squibb Institute for Medical Research in New York before joining NIH.

"I left a job making \$30,000 a year...and my wife was a physician...it was one of the top jobs in New York in the Department of Health," he remembered, explaining how he came to NIH. "Now we went down (to Bethesda) leaving two jobs with very high salaries to one job paying only \$10,000."

Fogarty was impressed but puzzled by Shannon's move. "One of the things he couldn't figure out was why I'd give up a job making \$30,000 a year," Shannon said. "I did it because I felt that I was needed—it was as simple as that."

After 2 years as associate director of the National Heart Institute and 3 as deputy NIH director, Shannon was appointed NIH director in 1955—with the blessing of Fogarty, who by then had become subcommittee chairman. It was the beginning of a golden era in NIH's history, and rapid expansion followed.

"They asked a lot of questions," Shannon said. "I spent a lot of time with them. They wanted more information. They never wanted anything that I talked about that I didn't get for them. I think we had a rapport with Congress as will never happen again."

The Shannons spent occasional vacations in Rhode Island as guests of the Fogartys, and

Fogarty often stopped by the NIH campus on Monday mornings en route back to Washington. "John would very frequently ask if he could drop by to talk about some of the things that were bothering him. And to a somewhat lesser extent, Hill would do the same thing."

When asked how this relationship resulted in the generous increases in NIH's budget year after year, Shannon replied: "It was very simple, really. One, the country needed it (NIH) really badly, and Hill and Fogarty were very intelligent people and you didn't try to sell



During his tenure as NIH director, Dr. James Shannon (l) teamed with Sen. Lister Hill and Rep. John Fogarty to oversee a mammoth increase in NIH's scope and funding.

them anything—you tried to explain what your attitude is, and why...I felt if they didn't know as much as I could tell them as chairmen, we'd never get the amount of support. And I think each of them appreciated it. I took the time to

SCHOLARS-IN-RESIDENCE PROGRAM DRAWS CREAM OF RESEARCH CROP TO NIH

(Continued from Page 1)

tance to biomedicine and international health.

This prestigious award is by invitation only. Candidates must be nominated by senior NIH staff or current or former scholars and reviewed by a scholars advisory panel and the FIC advisory board. Final selections are made by the FIC director.

Nominees must be recognized by their peers as being outstanding contributors to one of the disciplines relevant to NIH's mission, have international stature, and possess high potential for effective interaction with NIH staff and other scholars. While the award is for 1 year, it can be divided into three terms of at least 3 months each. Currently, eight persons are invited each year. The scholars have office space and FIC staff support in the Lawton Chiles International House (Stone House).

The first scholar, Dr. Uriel Littauer of Israel, was invited to work in the laboratory of Dr. Marshall Nirenberg, chief of the Laboratory of Biochemical Genetics at NHLBI, in 1969.

Nirenberg recalled those days in an interview several years ago. "Uri set high standards for those who came later on," he said. "He worked all day in the lab and at night he wrote 14 papers while he was here! He was tremendously productive."

Being at NIH was also valuable to Littauer.

Dr. Philip E. Schambra is the fifth director of the Fogarty International Center, which currently supports foreign researchers from 80 nations working at NIH.



help them understand what we were doing and why, and roughly how fast we could grow without any diminishing in quality."

The rapport was close on all sides. "We never had arguments, either, between Fogarty or Hill," Shannon said. "These were always discussions, with one or the other kind of giving way. This was a delightful experience. I enjoyed it, and I have a sense of satisfaction."

During that halcyon period, the three—Hill, Fogarty and Shannon—oversaw a mammoth increase in the scope, responsibility, and funding for NIH, from under \$100 million to more than \$1 billion. This explosive growth in effect created the modern NIH and made it the world's premier biomedical research enterprise.

Shannon now acknowledges his role in history. "There's no doubt that I developed the

"At the time, genetics was being introduced into molecular biology," he remembered. "It was my introduction to neurobiology. I learned a great deal from Marshall and his staff, and out of that I established a new department of neurobiology at the Weizmann Institute on my return."

While Littauer was a scholar at NIH only from October 1969 to September 1970, he and Nirenberg have continued their scientific collaboration ever since.

Scientists participating in the program have represented a wide range of disciplines, with biochemistry, biophysics and microbiology being predominant. In the past decade, an increasing number of scholars have been molecular biologists and neurobiologists.

While at NIH, they become deeply involved in collaborative research on topics of great interest to NIH. For example, Dr. Peter Perlmann of the University of Stockholm, a world renowned leader in immunology and father of the ELISA technique, worked closely with NIAID scientists to identify antigens of the malaria parasite that elicit protective immunity and are therefore candidates for incorporation in a malaria vaccine.

Another scholar, Dr. Kaare Berg of the University of Oslo, one of the world's leading geneticists, collaborated with NCI and NHLBI scientists to study the genetics of cancer and atherosclerotic disease, and while at NIH

modern NIH," he recalled, "and I think I did a good job."

This triumvirate ended tragically when Fogarty—who had a long history of heart problems—died suddenly of a massive heart attack on the opening day of Congress in January 1967.

Almost immediately, the question arose among Fogarty's many friends how best to recognize in a permanent way his immense contributions to NIH. Fogarty had proposed an international center at NIH, and it was decided to consolidate NIH's international activities in a new center to be named in his honor. "It was the one thing we could do that was completely independent," Shannon

recalled. "It was something special that separated it from the domestic control—and gave the center more prestige than it would otherwise get."

The John E. Fogarty International Center for Advanced Studies in the Health Sciences

officially began operation on July 1, 1968. Coincidentally, Shannon resigned his NIH directorship at the end of that same month.

organized important conferences on both topics.

Berg and other scholars have also held discussions with NIH colleagues in the emerging field of research ethics, especially ethical and legal questions in the area of predictive genetic testing.

Four of the scholars have been Nobel laureates: Daniel Bovet of Italy, Ragnar Granit of Sweden, Sir Hans Krebs of England, and Rita Levi-Montalcini of Italy.

Countries most represented in the program are the United States, Israel, England, Sweden, Japan, Italy, Germany, France, and Australia.

The principal results of the program have been:

- Publication of hundreds of scientific papers and books—products of the scholars' studies while on campus;
- Valuable day-to-day dialogue between scholars and intramural staff, often leading to redirection of research and long-term collaboration;
- Scores of scholar-organized international conferences, involving the participation of many of the world's leading biomedical scientists.

Senior NIH staff wishing to nominate candidates or to learn more about the program should contact Dr. Jack Schmidt, chief of the Scholars-in-Residence Branch, 64161.

Stone House—NIH's International Symbol

A symbol of NIH's commitment to international activities—and the Fogarty Center's most visible physical presence—is the elegant stone mansion atop the hill on main campus between the Bldg. 1 complex and the National Library of Medicine. Known since the 1940's simply as "Stone House," Bldg. 16 was recently named the "Lawton Chiles International House" for the former U.S. senator and current Florida governor.

Stone House is the home of the Scholars-in-Residence Program of the FIC, in which eminent scientists, mostly foreign, are invited to the NIH campus to interact with the scientific community and conduct studies of international interest and importance to contemporary biomedicine.

The building is also the site of numerous receptions and small conferences. It is used for international intramural activities, and has been a favorite reception site for HHS secretaries and the U.S. surgeons general.

The building is a classic example of the early 20th century estates that once lined Rockville Pike between Bethesda and Rockville. Designed in Colonial Revival style, it sits on a hill with four two-story Corinthian columns facing to the east, though it is approached from the west.

Built of locally quarried bluestone, the structure was constructed in 1930 at a cost of approximately \$133,500 by the Rev. George Freeland Peter, canon of the Washington Cathedral. The residence's designer, Walter G. Peter, was a noted Washington architect and Canon Peter's brother.

Prominent for generations in Georgetown business and political affairs, the Peter family had owned land in the vicinity of what is now NIH since about 1760. In 1836, Dr. Armistead Peter built a summer home called Winona on the site of what is now the National Library of Medicine. The house stood until at least 1919. Dr. Armistead Peter was the head of the smallpox hospital during the Civil War. On his death in 1902, his 200-acre estate was divided among his five children, including 47.9 acres for son George Freeland Peter. On this site, Canon Peter's home, also called Winona, was built, and there the Peter family lived until after World War II ended and NIH began expanding. The Peter estate was acquired by the U.S. Government on Feb. 14, 1949, for \$505,000, and the building became known simply as Stone House.

Originally, partitions were used to divide the building's rooms for conference and office space. In the late 1960's, however, the interior was restored to its present appearance.

The structure contains 17,476 square feet of space on three levels. On the main floor, the former living room extends the length of the south wing, with double French doors opening onto a spacious veranda and formal walled



garden. Today that room is used for conferences, meetings and seminars of up to 75 persons. Also on the main level are an elegant drawing room with grand piano and a large dining room. Throughout the building are crystal chandeliers and fireplaces.

Leading from the main to the second level is a freestanding, elliptical stairway with a mahogany railing.

Originally, the second floor contained seven bedrooms with individual bathrooms, a maid's room, morning room, sitting room and sewing room. The third floor was used for storage. The second and third floors are now used as offices for the scholars-in-residence, a seminar room, Dr. Jack R. Schmidt, the chief of the scholars program and his staff, and Rita Singer, the building's manager.

The scholars lived in second floor suites from 1970 to 1978, when the program was expanded and the house ceased to be a common residence.

The building is surrounded by elegant landscaping, which includes a rose garden enclosed by American holly hedges extending from the south wing porch. Adjacent to the garden is a Japanese stone lantern that was presented to NIH by Japan as a symbol of longstanding U.S.-Japanese collaboration in biomedical science.

Corrections

The story about the late Rep. John Fogarty in the June 22 *NIH Record* incorrectly stated that the NIH budget doubled each year between 1949 and 1967. The correct figures are an increase from \$43.5 million in 1949 to \$1.06 billion in 1967, a 24-fold increase. Also, Fogarty's age at the time of his death was 53.

NIH'ers Win Director's Awards and HHS, PHS Honors

D r. Bernadine Healy presented awards at the annual NIH Honor Awards Ceremony to the following recipients of the NIH Director's Award, the Outstanding Service Medal, the Harvey J. Bullock, Jr. Award for Equal Opportunity Achievement and the NIH Equal Employment Opportunity Award of the Year. The ceremony was held June 16.

NIH Director's Award

Clinical Center

Group Award

Thomas S. Reed
Supervisory Personnel Management Specialist
Office of Human Resources Management

C. John Slovikosky
Fiscal Resources Officer
Office of the Director

"In recognition of your superb leadership and resourcefulness, and innovative approaches in managing the FTE of the Clinical Center, National Institutes of Health."

James F. Rafferty
Chief, Respiratory Care/Physiological Monitoring Section
Critical Care Medicine Department
"In recognition of your superb leadership, outstanding educational efforts, and exemplary support of clinical care and research at the Clinical Center, National Institutes of Health."

Division of Computer Research and Technology

Dennis A. George
Computer Systems Analyst
Data Management Branch
"For your superior contributions in support of the development and use of the National Institutes of Health Administrative Data Base."

David Songco
Chief, Personal Computing Branch
"In recognition of your outstanding leadership and innovative approaches in managing significant DCRT programs."

Division of Research Grants

Caroline L. Grabner
Lead Grants Technical Assistant (Office Automation)
Referral and Review Branch
"In recognition of superb leadership, initiative and resourcefulness in the technical support of the initial peer review of grant applications in the clinical sciences."

Dr. Gerald A. Greenhouse
Scientific Review Administrator and Referral Officer
Referral and Review Branch
"In recognition of superb leadership, initiative and innovative approaches in managing the initial peer review of grant applications in the biological sciences."

National Cancer Institute

Mary Ann Anderson
Supervisory Grants Management Analyst
Grants Administration Branch
"In recognition of your initiative, creativity, leadership, and contribution to the quality of grants management within the National Cancer Institute, NIH, and the grantee community."

Dr. Robert W. Miller
Chief, Clinical Epidemiology Branch
"In recognition of your novel concepts and leadership in clinical epidemiology, which have opened new avenues of laboratory research into cancer causes and prevention."

Dr. John A. Sogn
Chief, Cancer Immunology Branch
"For outstanding leadership and scientific direction of the Cancer Immunology Branch in addressing research areas of high priority to the NCI and the NIH."

Dr. Steven R. Tronick
Chief, Gene Structure Section
Deputy Director, Laboratory of Cellular and Molecular Biology
"In recognition of your pioneering work on human oncogenes and animal lentiviruses, and for your effectiveness as a manager of personnel and resources."

Susan J. Waldrop
Chief, Planning and Analysis Branch
"For exceptional initiatives in program operations and planning in the Division of Cancer, Biology, Diagnosis, and Centers."

National Center for Human Genome Research

Dr. Bettie J. Graham
Chief, Research Grants Branch
"For extraordinary contributions to the establishment of the National Center for Human Genome Research and inspired leadership of the Research Grants Branch, NIH."

National Center for Research Resources

Dr. Murray Eden
Director, Biomedical Engineering & Instrumentation Program
"In recognition of your outstanding contributions to the advancement of biomedical engineering and instrumentation and to its application to a broad spectrum of biomedical research."

National Eye Institute

Terrence Gillen
Deputy Assistant Director for International Program Activities
"In recognition of your superb leadership, resourcefulness, and innovative approaches in managing the National Eye Institute's International Program."

National Heart, Lung, and Blood Institute

Dr. Susan P. Banks-Schlegel
Deputy Branch Chief
Airways Diseases Branch
"In recognition of your exceptional leadership in managing the cystic fibrosis and asthma programs of the Airways Diseases Branch, Division of Lung Diseases, NHLBI."

Dr. P. Boon Chock
Chief, Metabolic Regulation Section
Division of Intramural Research

"For contributions to understanding metabolic regulation by covalent modification, the role of dynamic electric field in energy transduction and oxidative damage at the molecular level."

Hillel Soclof
Administrative Officer
Administrative Management Branch
"For your leadership in the planning and design of the Bone Marrow Transplant Unit and the 5 Research Court Animal Research Facility."

National Institute on Aging

Michael P. Lockard
Chief, Administrative Management and Computer Services Branch

"For your exceptional contributions in the area of administrative and space management for the National Institute on Aging."

Dr. Teresa Sluss Radbaugh
Chief, Dementias of Aging Branch
"In recognition of your outstanding scientific leadership and superb administrative skills in developing cross-cultural research on Alzheimer's disease in underserved minority populations."

Jane E. Shure
Public Information Officer
Public Information Office
"In recognition of your effectiveness in developing and administering an outstanding program of information dissemination to the public and health professionals for the NIA."

Bertha M. Voelker
Administrative Officer
Gerontology Research Center
"In recognition of your extraordinary dedication and sustained, effective management of the administrative affairs of the NIA Gerontology Research Center."

National Institute of Allergy and Infectious Diseases

Claudia R. Goad
Committee Management Officer
Division of Extramural Activities
"For unwavering dedication and exemplary leadership in overseeing NIAID's committee management activities."

Alan S. Graeff
Deputy Chief
Information Technology Branch
Office of Administrative Management
"For leadership in developing strategies for a major upgrade and installation of LAN Manager networks at NIAID, NIH, and other government agencies."

Dr. Stephanie L. James
Chief, Parasitology and Tropical Diseases Branch
"For leadership in establishing the International Centers for Tropical Disease Research."

Dr. Michael J. Lenardo
Senior Staff Fellow
Laboratory of Immunology
Division of Intramural Research
"For exceptional work on the regulation of interleukin-2 gene expression and on the role of interleukin-2 in inducing sensitivity to apoptosis."

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National Institute of Child Health and Human Development

Dr. Vincent Jeffery Evans
Health Scientist Administrator
Demographic and Behavioral Sciences Branch
"For your exceptional scientific and administrative leadership in developing a program of research on families and households in the population sciences."

Dr. David B. Gray
Deputy Director
National Center for Medical Rehabilitation Research
"For outstanding achievements in establishment and implementation of a national program for the support of research and research training in medical rehabilitation."

Sandra J. Ott
Clinical Trials Program Assistant
Pediatric, Adolescent and Maternal AIDS Branch
"In recognition of outstanding dedication, initiative, competence, and energy in performing duties as Clinical Trials Program Assistant in the PAMA Branch of the NICHD."

Dr. Keiko Ozato
Microbiologist
Laboratory of Molecular Growth Regulation
"For outstanding contributions to our understanding of the regulation of gene expression in the immune system, with particular regard to major histocompatibility complex genes."

Rosemary J. Riggs
Animal Resources Program Administrator
Section on Research Animal Management
"In recognition of continued outstanding administrative support and service to the NICHD Intramural Research Program and exceptional contributions to the field of laboratory animal science."

National Institute of Dental Research

Carol M. Beasley
Personnel Officer
Office of Administrative Management
"In recognition of your superb leadership and excellence in directing the personnel management program of the National Institute of Dental Research, National Institutes of Health."

Dr. Paul E. Kolenbrander
Microbiologist
Laboratory of Microbial Ecology
"For your important contributions to the area of Oral Microbial Ecology through studies of cell-to-cell interactions of oral bacteria."

Dr. Larry M. Wahl
Senior Investigator
Laboratory of Immunology
"For your exceptional contributions in research on signal transduction in monocytes/macrophages and its relationship to the pathogenesis of chronic inflammatory disease."

National Institute of Diabetes and Digestive and Kidney Diseases

Dr. Griffin Platt Rodgers
Medical Officer
Chief, Molecular Hematology Unit
Laboratory of Chemical Biology
"In recognition of outstanding contributions to understanding the pathophysiology of, and developing new therapies for, the genetic diseases of hemoglobin."

Group Award: Division of Intramural Research

Linda A. Adams
Chief, Administrative Management Branch

Patsy R. Frye
Chief, Administrative Operations Section A
"For exemplary service in coordinating and managing the Institute's occupation of Building 5 as a part of the National Institutes of Health round robin."

National Institute on Drug Abuse

Dr. Zili Amsel
Associate Director for Planning and Services Coordination
Division of Clinical Research
"In recognition of your outstanding work in advancing the field of drug abuse prevention research."

Donna M. Jones
Program Analysis Officer
Planning and Financial Management Branch
"In recognition of your exceptional performance in support of the reorganization of the National Institute on Drug Abuse and the transfer of functions to the National Institutes of Health."

Dr. Lisa Simon Onken
Research Psychologist
Treatment Research Branch
"In recognition of exceptional leadership, creativity, and effectiveness in advancing research on behavioral treatments for cocaine dependence."

National Institute of Environmental Health Sciences

Dr. Andres Negro-Vilar
Chief, Laboratory of Molecular and Integrative Neurosciences
Division of Intramural Research
"For your outstanding scientific leadership in research efforts designed to unravel the complex neural mechanisms that control reproductive functions in both animals and humans."

Diane G. Rice
Inventory Management Officer
Office of Management
Administrative Services Branch
"In recognition of your many contributions on a variety of special group projects, as well as your superior responsiveness to your customers' requirements."

National Institute of General Medical Sciences

Evelyn L. Fine
Program Specialist
Office of Program Activities
Office of the Director
"In recognition of your exceptional initiative and proficiency in administering the National Research Service Award Payback Program."

Dr. John C. Norvell
Health Scientist Administrator (Biological Sciences)
Office of the Director
"For your exceptional commitment to, and leadership of, activities in the areas of biomedical research training and structural biology."

Dr. Anthony A. Rene
Health Scientist Administrator (Biological Sciences)
Office of the Director
"In recognition of superb leadership, interpersonal skills, and scientific expertise in stimulating the participation of minorities in National Institutes of Health grant programs."

National Institute of Mental Health

Barbara P. Merchant
Administrative Officer
Intramural Research Program
"For providing innovative research support to mental health scientists which is distinguished by its extraordinarily high quality, its creativity and its timeliness."

Pamela J. Mitchell
Grants Program Assistant
Mood, Anxiety and Personality Disorders Research Branch
"For volunteering and successfully servicing two grant programs (MAPDRB and EPRB) over a prolonged period."

Bruce L. Ringler
Chief, Grants Management Branch
"For your exceptional leadership and sustained performance exhibiting stability and unusual competence in the area of grants management relevant to the NIMH mission and objectives."

Trudy C. Welsh
Secretary (Steno)
Intramural Research Program
"For sustained superior performance marked by the exercise of an extraordinary sense of responsibility for ensuring that necessary work is accomplished."

National Institute of Neurological Disorders and Stroke

Dr. John M. Hallenbeck
Medical Officer (Research)
Stroke Branch
"In recognition of your innovative guidance and leadership in the establishment of the first NIH Branch dedicated to the treatment of human stroke."

Dr. Ralph M. Garruto
Research Biologist
Laboratory of Central Nervous System Studies
Division of Intramural Research
"For your outstanding and original contributions to the study of chronic neurodegenerative disorders and your invaluable expertise in a multitude of disciplines."

Dr. Michael A. Rogawski
Medical Officer
Epilepsy Research Branch
"For development of an outstanding program of investigations into the basic mechanisms of epilepsy in the Neuronal Excitability Section of the Epilepsy Research Branch."

National Library of Medicine

Dr. Dennis E. Black
Supervisory Contract Specialist
Office of Acquisitions Management
Office of Administration
"In recognition of your exceptional contributions to the NIH and the NLM acquisition activities, and the professionalism you bring to your career field."

Office of Research Services

Howard L. Hochman
Deputy Space Management Officer
Division of Space and Facility Management
"In recognition of your decisive and exemplary leadership in dealing with critical problems as Deputy Director of the Division of Space and Facility Management."

(Continued on Page 8)

Morris Johnson
Occupational Safety and Health Specialist
Occupational Safety and Health Branch
Division of Safety

"In recognition of 35 years service to the National Institutes of Health and exceptional leadership in the area of asbestos abatement oversight."

Mildred E. Steward
Chief, Work Reception
Program Management Office
Division of Engineering Services
"For dedication to duty and outstanding contributions to the design and implementation of new DES and NIH-wide automated data management systems."

Division of Engineering Services, William H. Natcher Building Phase I Management Team

James H. Carscadden, General Engineer
F. Anthony Clifford, Jr., Supervisory General Engineer
Richard E. Hughes, Supervisory General Engineer
Ernest G. Lunsford, Jr., Supervisory General Engineer
Clyde L. Messerly, Architect
Juanita M. Mildenberg, Supervisory General Engineer
John T. Morris, General Engineer
John J. Pallas, Supervisory General Engineer
Stella Serras-Fiotes, Architect
Robert H. Sheridan, Supervisory General Engineer
Cyrena G. Simons, Program Analyst
Jorge R. Urrutia, Supervisory Civil Engineer

"For outstanding and resourceful team performance in providing leadership and management of the planning, design, and construction process for the William H. Natcher Building."

Hurricane Andrew Emergency Task Force Division of Engineering Services

Harry E. Hill, Engineering Equipment Operator
Gerald W. Lawson, General Engineering Technician
Elmer M. Lazarus, Foreman
Peter A. Manuel, Carpenter
Philip W. McGee, Equipment Mechanic
Robert E. Merry, Maintenance Mechanic Leader
James T. O'Neil, Mechanical Engineering Technician
Leo G. Paladini, Mason
Jonathan Roundtree, Electrician
Roy L. Wright, Electrician

"In recognition of outstanding and resourceful team performance in providing expeditious emergency cleanup and repair to the NIH Perrine Primate Center following Hurricane Andrew's destruction."

Office of the Director

Patricia A. Abell
Director
Division of Management Policy
Office of Administration
"For recognition of your outstanding leadership, resourcefulness, and innovative approaches in conducting management reviews and initiatives to enhance the National Institutes of Health operations."

Nicholas J. D'Ascoli
Lead Purchasing Agent
Division of Procurement
Acquisitions Branch
Office of Administration
"For outstanding leadership and service in providing responsive purchasing support to the National Institutes of Health community."

Donna D. Adderly
Budget Analyst
Division of Financial Management
Budget Formulation and Presentation Branch
Office of Administration
"For demonstrated diligence, resourcefulness, thoroughness, and commitment in managing the financial aspects of National Institutes of Health's AIDS Program."

Diane E. Armstrong
Director
Office of Equal Opportunity
"For outstanding leadership in directing the NIH Equal Opportunity Program and direct contributions to ensure a more harmonious working environment for all at NIH."

Robert L. Hunter
Chief, Operations Accounting Branch
Division of Financial Management
Office of Administration
"In recognition of superior leadership and expertise in managing the functions of the Operations Accounting Branch."

Elizabeth T. Hopkins
Secretary
Division of Contracts and Grants
Office of Administration
"For dedication and professionalism in representing the Division of Contracts and Grants, Office of the Director."

Dr. Patricia E. McKinley
Program Analyst
Economic and Resource Studies Branch
Office of Science Policy and Technology Transfer
"For sustained excellence as Editor of the National Institutes of Health Data Book in communicating the NIH biomedical research mission."

Dr. Walter T. Schaffer
Director
Research Training and Special Projects Office
Office of Extramural Programs
Office of Extramural Research
"In recognition of outstanding service in the Office of Extramural Research in directing NIH's extramural programs of biomedical and behavioral research training."

Dr. James A. Schuttinga
Health Economist
Economic and Resource Studies Branch
Office of Science Policy and Technology Transfer
"In recognition of efforts to enhance the public debate about bioscience policy issues through the development and application of innovative economic analysis."

Steven R. Gearinger
Computer Specialist
User Services and Assistance Section
Computer Center Branch
Division of Computer Research and Technology
"For outstanding contributions to the establishment of the National Institutes of Health EdNet Electronic Bulletin Board System."

Oliver B. Morton
Computer Specialist
Computer Center Branch
User Services and Assistance Section
Division of Computer Research and Technology
"In recognition of outstanding leadership in the design, development and implementation of the National Institutes of Health centralized Electronic Bulletin Board System."

J. Emmett Ward
Chief, Data Management Branch
Division of Computer Research and Technology
"For outstanding design and implementation of NIH administrative computing systems, in particular for a uniquely successful correspondence tracking system in the NIH Executive Secretariat."

Joel R. Hedetniemi
Executive Officer
National Institute of Child Health and Human Development
"In recognition of superior performance as Acting Deputy Associate Director for Administration, NIH, assisting in the review and evaluation of numerous management issues at NIH."

Office of the Director Group Award

Office of Administration, Division of Financial Management

John Wayne Berry, Chief, Federal Assistance Accounting Branch
Lawrence J. Fanning, Supervisory Computer Systems Analyst
John P. Roberts, Chief, Assistance Accounting Branch
Sidney A. Dalis, Systems Accountant
Pamela Jones, Senior Systems Analyst
Patricia A. Jones, Lead Accounting Technician
Barbara H. Wilson, Accounting Technician

"In recognition of resourceful and innovative approaches in managing the delayed grant funding process during Fiscal Year 1992."

Office of the Director Group Award

Office of Science Policy and Technology Transfer

Dr. James J. Anderson, Health Scientist Administrator (NIGMS)
Dr. Julie A. Campain, Senior Staff Fellow (NCI)
James C. Cassatt, Director, Biophysics and Physiological Sciences Branch (NIGMS)
Dr. John F. Finerty, Health Scientist Administrator (NCI)
Dr. Jean L. Flagg-Newton, Health Scientist Administrator (NIGMS)
Dr. Carl C. Floyd, Grants Associate (DRG)
Steven R. Gearinger, Computer Specialist (DCRT)
Joyce A. Hunter, Physiologist (NHLBI)
Chamelli Jhappan, Senior Staff Fellow (NCI)
Alfred C. Johnson, Special Expert (NCI)
Dr. Catherine Lewis, Health Scientist Administrator (NIGMS)
Dr. Mitchell B. Max, Clinical Pain Program Coordinator (NDPR)
Dr. Anthony A. Rene, Health Scientist Administrator (NIGMS)
Dr. John A. Sogn, Supervisory Health Scientist Administrator (NCI)
Dr. Adolphus Toliver, Health Scientist Administrator (DRG)
Dr. Nancy J. Trun, Staff Fellow (NCI)

"For leadership, initiative, and enthusiasm in promoting excellence in elementary school science education and serving as valued resources for teachers through the NIH Science Alliance Program."

Office of the Director Group Award

Charlotte P. Bronson, Secretary
Shirley A. Everest, Special Assistant
Dixie L. Kanagy, Secretary
Kimberly S. Kurilla-Gray, Secretary
Linda C. McCleaf, Secretary

"In recognition of your outstanding performance and superb teamwork in support of the Director, National Institutes of Health."

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Outstanding Service Medal

Clinical Center

Capt. Daniel R. Masys
Director
Lister Hill National Center for Biomedical Communications
"For your continuing effective leadership of a multi-technology based research and development program that gives realistic expectation of achieving the 'virtual library.'"

Capt. Kathryn L. McKeon
Associate Director, Clinical Center
Director of Nursing
"For distinguished service in the U.S. Public Health Service in your capacity as Associate Director for Nursing at the Clinical Center of the NIH."

Cdr. Frederick P. Ognibene
Senior Investigator
Chief, Pediatrics Section
Critical Care Medicine Department
"For sustained and outstanding administrative service essential for the clinical mission of the Critical Care Medicine Department of the Warren G. Magnuson Clinical Center."

Capt. Mark Howard Zweig
Assistant Chief
Clinical Chemistry Service
Clinical Pathology Department
"For major contributions to Clinical Chemistry Service, NIH, in clinical chemistry through management, method development, and research in immunoassay procedures and medical decisionmaking."

Division of Computer Research and Technology

Cdr. John I. Powell
Senior Engineer/Project Leader
Laboratory and Clinical Systems Section
"For leadership and dedicated service integrating diverse computing resources and processing voluminous DNA sequence data produced by Receptor Biochemistry and Molecular Biology Group, NINDS."

National Cancer Institute

Capt. Leslie Ford
Chief
Community Oncology Rehabilitation Branch
"For outstanding contributions to the public in the area of women's health through the institution of the Nation's largest breast cancer chemoprevention trial."

Cdr. Rochelle E. Curtis
Senior Biomedical Statistician
Radiation Effects Branch
Epidemiology and Biostatistics Program
Division of Cancer Etiology
"For epidemiologic investigations that have clarified and quantified the risk of leukemia following specific chemotherapeutic agents used to treat breast cancer."

National Center for Research Resources

Capt. Don C. Gibson
Director, Regional Primate Research Centers Program
Comparative Medicine Program
"For outstanding leadership, administrative management and planning which have contributed significantly to major accomplishments of the Regional Primate Research Centers."

National Heart, Lung, and Blood Institute

Capt. Rodney L. Levine
Chief, Protein Function in Disease Section
Laboratory of Biochemistry
Division of Intramural Research
"For fundamental contributions to an understanding of the role of metal ion catalyzed oxygen-free radical damage to proteins in pathological disorders."

National Institute on Aging

Capt. Elliot A. Shefrin
Computer Scientist
Longitudinal Studies Branch
"For exemplary leadership, innovativeness, and diligence in the synthesis, design, and implementation of a state-of-the-art computer system of extraordinary cost effectiveness."

National Institute of Diabetes and Digestive and Kidney Diseases

Capt. R. Daniel Camerini-Otero
Chief
Genetics and Biochemistry Branch
"For developing a powerful method for cleaving the human genome precisely and providing outstanding leadership of the Genetics and Biochemistry Branch."

Capt. Jurrien Dean
Chief, Mammalian Developmental Biology Section
Laboratory of Cellular and Developmental Biology
"For leadership in innovative studies of mouse and human ovarian protein genes having implications for gene expression mechanisms, developmental biology and contraceptive strategies."

National Institute of Mental Health

Capt. Edward I. Giins
Chief, Section on Molecular Neurogenetics
Clinical Neurosciences Branch
"For innovative contributions to improved understanding and treatments for genetic disorders affecting the nervous system."

Cdr. Thomas R. Insel
Staff Scientist
Laboratory of Neurophysiology
"For substantial contributions in both clinical and basic research on the brain and behavior."

Cdr. Pearson T. Sunderland, III
Chief, Section on Geriatric Psychiatry
Laboratory of Clinical Science
"For significant contributions to research in geriatric psychiatry and for leadership in the field of Alzheimer's Disease research."

Capt. Steven J. Zalcman
Chief, Neuroimaging and Applied Neuroscience Research Branch
"For outstanding leadership of the Neuroimaging and Applied Neuroscience Research Branch of the National Institute of Mental Health."

Office of Research Services

Cdr. Robert G. McDonald
Facilities Design and Construction Chief, Team 1
Special Assistant to the Chief for Extramural Projects
Design and Construction Branch
Division of Engineering Services
"For outstanding leadership in providing facilities support for biomedical research and implementing a national program to review the design of laboratory and animal facilities."

Harvey J. Bullock, Jr. Award for Equal Opportunity Achievement

Ada E. Brooks
Biological Laboratory Technician
Laboratory of Immunology
Division of Intramural Research
National Institute of Allergy and Infectious Diseases
"For significant contributions to the principles of EEO through outstanding leadership of the NIAID EEO Advisory Committee and by serving as an exemplary role model for students participating in training programs in NIAID."

NIH Equal Employment Opportunity of the Year Award

Elva Ruiz
Program Director
Division of Cancer Prevention and Control
National Cancer Institute

"For significant contributions to the principles of EEO by exceptional efforts in maximizing the participation of women and disadvantaged populations, particularly Hispanics, in NCI- and NIH-sponsored research and research training programs."

Fifty Years of Service Award

Dr. Mary S. Harper
Coordinator
Long Term Care Program
Mental Disorders of Aging Research Program
National Institute of Mental Health
"For fifty years of service in research on the chronically ill and disabled and the recruitment and retention of minority and disadvantaged investigators to careers in research."



DHHS Honor Awards

The DHHS Honor Awards Ceremony was held on May 18. Dr. Jay Moskowitz, NIH deputy director for science policy and technology transfer, substituted for Healy in assisting the Secretary in presenting the awards to the following recipients:

Distinguished Service Award

Dr. Philip S. Chen, Jr.
Associate Director for Intramural Affairs
Office of Intramural Research
Office of the Director
"For the implementation of the Federal Technology Transfer Act of 1986 at the NIH, and the development of an aggressive program promoting industry/Federal collaborations."

Dr. Judith L. Rapoport
Chief, Child Psychiatry Branch
National Institute of Mental Health
"For innovative contributions to the treatment and understanding of childhood psychiatric and developmental disorders and their biological substrates."

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Distinguished Service Award (Biomedical Research)

Dr. Clarence J. Gibbs, Jr.
Deputy Chief, Laboratory of Central Nervous System Studies
Basic Neuroscience Program
Division of Intramural Research
National Institute of Neurological Disorders and Stroke
"For his discovery that human brain dementia and degeneration are transmissible cerebral amyloidosis caused by degradation of self-replicating host normal precursor proteins."

Secretary's Award for Exceptional Achievement

Dr. Michael Fordis
Director, Office of Education
Office of Intramural Research
Office of the Director
"For vision, creativity, and leadership in designing and implementing programs to develop the next generation of biomedical scientists."

Secretary's Special Citation for Ten Outstanding Employees of the Year

Margaret A. Faile
Program Assistant, Pediatric Branch
Clinical Oncology Program
Division of Cancer Treatment
National Cancer Institute
"For extreme dedication to providing outstanding administrative assistance to the Pediatric Branch by managing the complex and overburdened Personnel Actions Office."

Secretary's Distinguished Volunteer Service Award

James H. Wilson
Engineering Technician
Clinical Center
"For 30 years service as a fire fighter in the Montgomery County Department of Fire and Rescue Service."



PHS Honor Awards

Dr. Jay Moskowitz, NIH deputy director for science policy and technology transfer, substituted for Healy in presenting the 1993 Honor PHS Awards to NIH recipients. The PHS ceremony was held on June 24 at Thomas S. Wootton High School in Rockville. Following are the PHS award recipients:

Superior Service Award

Dr. Faye C. Austin
Associate Director, Extramural Research Program
Division of Cancer Biology, Diagnosis, and Centers
National Cancer Institute
"For exceptional leadership in support of cancer research programs which are essential to major advances in public health."

Dr. Peter H. Bennett
Chief, Phoenix Epidemiology Clinical Research Branch
National Institute of Diabetes and Digestive and Kidney Diseases
"For distinguished contributions to the understanding of non-insulin dependent diabetes mellitus and its complications, particularly as they affect Native Americans."

Dr. Maurice Burg Chief, Laboratory of Kidney and Electrolyte Metabolism Division of Intramural Research National Heart, Lung, and Blood Institute <i>"For superior leadership of the Laboratory of Kidney and Electrolyte Metabolism and exceptional contributions in renal research."</i>	Dr. Phil Skolnick Chief, Laboratory of Neuroscience Division of Intramural Research National Institute of Diabetes and Digestive and Kidney Diseases <i>"For studies contributing to an understanding of the molecular bases of neuropsychiatric disorders and the design of novel agents to treat these disorders."</i>
Dr. Lois K. Cohen Director, Extramural Program National Institute of Dental Research <i>"For highly effective management of NIDR's extramural activities and leadership of international health initiatives."</i>	Dr. John R. Stanley Deputy Chief and Medical Officer (Dermatology) Dermatology Branch National Cancer Institute <i>"For pioneering studies that have provided new insights into the pathophysiology and molecular diagnosis of autoimmune skin diseases."</i>
Isabel S. Davidoff Associate Director and Head, Community Development Program Depression Awareness, Recognition, and Treatment (DART) Program Division of Clinical Research National Institute of Mental Health <i>"For outstanding leadership and creative development of the DART Program, the national education program to reduce suffering and improve the treatment of depressive illnesses."</i>	Carolyn E. Storm Chief, Entry Level Recruitment Section Division of Personnel Management Office of the Director <i>"For dedication to and representation of the human resource profession at the National Institutes of Health and the Public Health Service."</i>
Lily Ouyang Engstrom Assistant Director Office of Extramural Research Office of the Director <i>"In recognition of outstanding accomplishments, personal initiative, commitment, effectiveness and excellence, that have contributed significantly to advancing the mission of NIH and the Department."</i>	Dr. Ellen Stover Health Scientist Administrator Director, Office of AIDS Programs National Institute of Mental Health <i>"For exemplary dedication and service in advancing the mission of the Public Health Service to control, eradicate and prevent HIV infection and AIDS."</i>
Dr. Harold Gainer Director, Basic Neurosciences Program and Chief, Laboratory of Neurochemistry Division of Intramural Research National Institute of Neurological Disorders and Stroke <i>"For leadership of the Basic Neurosciences Program and Laboratory of Neurochemistry, NINDS, and major scientific contributions in the fields of cell biology and biochemistry."</i>	Earlene S. Taylor Chief, Financial Management Section Office of Administrative Management National Institute of Dental Research <i>"For sustained excellence and outstanding service in financial management and exceptional leadership in the management of the budget in the National Institute of Dental Research."</i>
Dr. Ronald G. Geller Director Division of Extramural Affairs National Heart, Lung, and Blood Institute <i>"For a career which has exemplified total commitment and dedication to the cause of employing the disabled."</i>	Dr. Martha Vaughan Chief, Laboratory of Cellular Metabolism Division of Intramural Research National Heart, Lung, and Blood Institute <i>"For elucidating the mechanisms of metabolic regulation and signal transduction in mammalian cells and the molecular basis for the pathogenesis of bacterial toxin-mediated diseases."</i>
Dr. Robert A. Goldstein Director Division of Allergy, Immunology and Transplantation National Institute of Allergy and Infectious Diseases <i>"For outstanding contributions in the fields of asthma and transplantation."</i>	Special Recognition Award
William J. Huber Assistant Director for Management Division of Clinical Research National Institute of Mental Health <i>"For outstanding accomplishments in program management and administration throughout three decades of service in the Public Health Service."</i>	Robinson Fulwood Public Health Advisor, Office of Prevention, Education, and Control Health Education Branch National Heart, Lung, and Blood Institute <i>"For outstanding service in developing coordinated and comprehensive educational strategies to improve the health of minority populations."</i>
Dr. Sydney R. Parker Health Scientist Administrator (Biological Sciences) Prevention, Education, and Research Training Branch National Heart, Lung, and Blood Institute <i>"For outstanding contributions in the development, evaluation, and dissemination of programs for asthma health education."</i>	Dr. Richard H. Gracely Research Psychologist Neurobiology and Anesthesiology Branch National Institute of Dental Research <i>"For the design and validation of methods for the objective measurement of analgesia which have resulted in the alleviation of human pain and suffering."</i>
Dr. Marian Radke-Yarrow Chief, Laboratory of Developmental Psychology National Institute of Mental Health <i>"For outstanding career contributions to the field of developmental psychology."</i>	Dr. Bettie J. Graham Director Research Grants Branch National Center for Human Genome Research <i>"For leadership of the Research Grants Branch that has been instrumental in the successes of the Human Genome Program at NIH."</i>

John P. Hartinger
Chief, Financial Management Branch
Office of Administrative Management
National Cancer Institute
"For designing new systems to manage non-appropriated funds."

Dr. Millicent W. Higgins
Associate Director, Office of the Associate Director
Epidemiology and Biometry Program
National Heart, Lung, and Blood Institute
"For outstanding leadership in initiation and stimulation of timely epidemiologic research in cardiovascular and pulmonary diseases and exceptional productivity in publishing significant results."

Dr. Carol H. Letendre
Associate Director for Scientific Programs, Office of the Director
Acting Chief, Thrombosis and Hemostasis Branch
National Heart, Lung, and Blood Institute
"For outstanding and creative leadership in the development of new programs for control and cure of disorders of hemostasis and thrombosis."

Dr. Jay H. Lubin
Mathematical Statistician
National Cancer Institute
"For quantifying the risk of specific types of lung cancer from exposures to tobacco and radon, and for valuable contributions to methodology for epidemiologic research."

Dr. Constance Tom Noguchi
Research Physicist, Section on Molecular Biology and Genetics
Laboratory of Chemical Biology
National Institute of Diabetes and Digestive and Kidney Diseases
"For biophysical and genetic analyses of erythrocytes and their precursors leading to new insights into the pathophysiology and treatment of the hemoglobinopathies."

Dr. Olivia T. Preble
Chief, Microbiology and Immunology Review Section
Scientific Review Branch
Division of Extramural Activities
National Institute of Allergy and Infectious Diseases
"For exceptional commitment to and implementation of innovative teamwork strategies for high quality peer review of applications and proposals in microbiology, immunology, and AIDS."

Dr. Americo Rivera Jr.
Health Scientist Administrator (Physical Sciences)
Biophysics and Physiological Sciences Program Branch
National Institute of General Medical Sciences
"For notable contributions aimed toward increasing the number of underrepresented minority biomedical research scientists through implementation of the new NIH Bridges to the Future Program."

Debra T. Silverman
Epidemiologist, Analytical Studies Section, Biostatistics Branch
Epidemiology and Biostatistics Program
Division of Cancer Etiology
National Cancer Institute
"For outstanding epidemiologic research that has helped clarify the environmental determinants of bladder and other cancers."

Dr. Melvin L. Spann
Biological Science Administrator
Biomedical Information Services Branch
National Library of Medicine
"For outstanding leadership in developing and enhancing toxicological information services at the National Library of Medicine, and ensuring their wider availability to underserved populations."

Dr. Patricia Ann Straat
Deputy Chief for Referral
Referral and Review Branch
Division of Research Grants
"For innovative and creative adaptation of computerized technologies to streamline the referral of research grant applications submitted to the Public Health Service."

O. W. Sweat
Division of Security Operations
Office of Research Services
"For exceptional leadership, organizational skills and dedication to law and security enforcement at the National Institutes of Health."

NIAID Group Award

Dr. Richard E. Hafner
Chief, Opportunistic Infections Treatment Research Section
Medical Branch, Clinical Research Program, Division of AIDS

Dr. Barbara L. Laughon
Senior Scientist, Targeted Drug Discovery Section
Developmental Therapeutics Branch, Division of AIDS

"For outstanding contributions towards advancements made in the diagnosis, treatment, and prophylaxis of opportunistic infections associated with the Acquired Immunodeficiency Syndrome."

NIAID Group Award

Dr. Lawrence J. Prograis
Medical Officer (Internal Medicine)
Division of Allergy, Immunology and Transplantation

Joyce H. Woodford
Supervisory Budget Analyst, Financial Management and Information Systems Branch
Office of the Director

"For exceptional contributions in promoting the health of ethnic and minority populations and fostering increased participation of minorities in health research."

National Institute on Drug Abuse LAAM Clinical Team

Dr. Jamie Biswas
Dr. Nora Chiang
Donald Grille
Dr. Dick Hawks
Susan Herbert
Liza Maghrablian
Jurij Mojsiak
Ann Montgomery
Dr. Frank Voci
Robert Walsh

"For outstanding performance in the clinical development of LAAM."

PHS Special Recognition Award (For Productivity)

Marian A. Emr
Supervisory Public Affairs Specialist
Office of Scientific and Health Reports
National Institute of Neurological Disorders and Stroke
"For outstanding contributions to the operations of the Office of Scientific and Health Reports in NINDS."

Dr. Michael F. Huerta
Chief, Neural Systems Program
Neuroimaging and Applied Neuroscience Research Branch
Division of Basic Brain and Behavioral Sciences
National Institute of Mental Health
"For outstanding creativity, initiative, energy and dedication in transforming the Human Brain Project from a vision to a reality."

Jacqueline E. Sanders
Chief, Information Management and Analysis Branch
Office of Resource Management
National Institute of Mental Health
"For outstanding creativity, initiative and dedication towards the design, implementation, management and supervision of ADP programs in the National Institute of Mental Health."

Assistant Secretary for Health's Special Citation

Martha A. Decker
Grants Clerk (Typing)
Grants Management Branch
Division of Extramural Activities
National Institute of Allergy and Infectious Diseases
"For sustained outstanding performance in a many-faceted position, including the closeout of grant files to the Federal Records Center."

Barbara A. Erazo
Secretary (Office Automation), Office of Program Activities
Office of the Director
National Institute of General Medical Sciences
"For demonstrated dedication, proficiency, and energy in providing superb administrative and secretarial support for the coordination of the NIGMS grants administration processes."

Pamela Fitzgerald
Secretary, Developmental Therapeutics Branch
Basic Research and Development Program
Division of AIDS
National Institute of Allergy and Infectious Diseases
"For service to PHS by demonstrating leadership via continuous and sustained performance of duties in a diligent, unfailingly cheerful, and scientifically accurate manner."

PHS Volunteer Award

William S. Campbell
Research Study Coordinator
Division of Cancer Prevention and Control
National Cancer Institute
"For sustained service as a volunteer in providing service to the community through church, neighborhood, school, and scouting organizations."

Dr. Brenda K. Edwards
Associate Director, Surveillance Program
Division of Cancer Prevention and Control
National Cancer Institute
"For years of selfless involvement with homeless persons of the Washington, D.C., area."

Dr. Helen C. Gift
Chief, Disease Prevention and Health Promotion Branch
Epidemiology and Oral Disease Prevention Program
National Institute of Dental Research
"For providing leadership to the NIH Recreation and Welfare Association and service to Girl Scouts and the Montgomery County Chapter of the American Red Cross."

Patricia H. Turner
Program Analyst
Legislation and Analysis Branch
National Institute of Neurological Disorders and Stroke
"For dedicated service as a volunteer working to enrich the lives of youth, the blind, and others at NIH and in the broader community."

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Outstanding PHS Employee with a Disability

Dr. Mark Dubnick
Senior Staff Fellow, Receptor Biochemistry and Molecular Biology Section, Division of Intramural Research
National Institute of Neurological Disorders and Stroke
"For playing a major role in the development of custom software tools to facilitate the various projects requiring DNA sequence and analysis and data collection."

Betty J. Dyess
Committee Management Clerk
Committee Management Office
Division of Extramural Activities
National Institute of Allergy and Infectious Diseases
"For exhibiting strength of spirit and assuming new and additional responsibilities with creativity and resourcefulness and providing outstanding support to NIAID in spite of disability."

Virginia A. Tanner
Biologist, Brain Structural Plasticity Section
Division of Intramural Research
National Institute of Neurological Disorders and Stroke
"For outstanding contributions as an electron microscopist technician in the EM facility of the NINDS and outstanding dedication in teaching these techniques in summer courses."

Distinguished Service Medal

Medical Officer John J. Bartko
Division of Applied and Services Research
National Institute on Mental Health
"For contributions to NIMH in the diagnosis, prognosis, treatment, and outcome of mental illnesses through the development and application of clinical research methodology."

Medical Officer Lawrence M. Friedman
Director, Division of Epidemiology and Clinical Applications
National Heart, Lung, and Blood Institute
"For superb leadership in cardiovascular research and for creative development of internationally recognized standards for designing, implementing, and interpreting large clinical trials."

Medical Director Peter Greenwald
Director, Division of Cancer Prevention and Control
National Cancer Institute
"For the development, implementation, and guidance of the Nation's largest cancer prevention and control program."

Medical Officer Richard Daniel Klausner
Chief, Cell Biology and Metabolism Branch
National Institute of Child Health and Human Development
"For elucidating the molecular basis of mammalian iron regulation, developing the seminal cell biologic concept of 'architectural editing,' and innovative leadership in NIH-wide planning activities."

Medical Officer Arthur W. Nienhuis
Chief, Clinical Hematology Branch
Division of Intramural Research
National Heart, Lung, and Blood Institute
"For contributions to clinical research on the transfer and expression of genes in hematopoietic cells leading towards gene therapy to treat hemoglobin disorders."

Medical Officer Eugene Randolph Passamani
Director, Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
"For a career of exceptional contributions to development and management of cardiovascular research programs."

Medical Officer Ethan Menachem Shevach
Chief, Cellular Immunology Section
Laboratory of Immunology
Division of Intramural Research
National Institute of Allergy and Infectious Diseases
"For discovery of histocompatibility restriction of cellular interactions and major contributions to the study of T-cell activation and distinguished editorship of the Journal of Immunology."

Meritorious Service Medal

Medical Officer Allen W. Cheever
Head, Host Parasite Relations Section
Laboratory of Parasitic Diseases
Division of Intramural Research
National Institute of Allergy and Infectious Diseases
"For expertise in experimental pathology of schistosomiasis, and recent contributions on the role of cytokines on different phases of schistosome infection in the murine host."

Research Officer William A. Eaton
Chief
Laboratory of Chemical Physics
National Institute of Diabetes and Digestive and Kidney Diseases
"For distinguished leadership as Scientific Coordinator of the Intramural AIDS Targeted Antiviral Program, and for outstanding leadership as Chief of the Laboratory of Chemical Physics."

Medical Officer Frederick T. Hambrecht
Head, Neural Prosthesis Program
Division of Fundamental Neurosciences
National Institute of Neurological Disorders and Stroke
"For leadership in the development of the Neural Prosthesis Program of the National Institute of Neurological Disorders and Stroke."

Medical Officer Thomas L. Lewis
Associate Director for Information Systems
Office of the Director
Clinical Center
"For superb leadership and for contributions to the medical informatics area as applied to patient care and clinical research at the National Institutes of Health."

Surgeon David J. Lipman
Director
National Center for Biotechnology Information
National Library of Medicine
"For exceptional leadership and creativity at the National Center for Biotechnology Information in conducting computational biology research and providing information services to the biological community."

Medical Officer Bruce C. Nisula
Chief
Developmental Endocrinology Branch
National Institute of Child Health and Human Development
"For outstanding contributions to the understanding and treatment of thyroid diseases, pathologic pregnancies, and other glycoprotein hormone-associated disorders and exceptional leadership of the DEB."

Medical Officer David Pickar
Chief, Experimental Therapeutics Branch
National Institute on Mental Health
"For excellence in the role of teacher, mentor, and clinical investigator of the causes and treatment of schizophrenia."

Research Officer Allen M. Spiegel
Director, Division of Intramural Research
National Institute of Diabetes and Digestive and Kidney Diseases
"For seminal studies in the role of G-protein regulation in human disease, and for exceptional leadership as the Director of the Division of Intramural Research."

Medical Officer Richard T. Yanagihara
Section Chief
Laboratory of Central Nervous System Studies
National Institute of Neurological Disorders and Stroke
"For the discovery of HTLV-I variants from remote Melanesian populations and the insights gained into their origin, phylogeny and dissemination."

Theatre Group Presents Songs

Come to the cabaret as the NIH R&W Theatre Group presents "An Evening of Music with Michael Terence and Friends," to raise funds for the Patient Emergency Fund on July 25 at 7 p.m. in the 14th floor assembly hall, Bldg. 10. Tickets are \$10.

Pianist Terence has appeared regularly in the Washington area since 1976. He has also been a longstanding member of the NIH R&W Theatre Group.

For more information and tickets call Alice Page, (301) 921-4358, or Elaine Hughes, (301) 589-0720. □

Fraternal Twins Sought

NIMH needs fraternal (same sex) twins for a study of brain function. Volunteers must be between the ages of 18 and 80, be taking no medications, and have no history of major medical or psychiatric illness. Procedure involves mapping brain structure with magnetic resonance imaging (MRI), and mapping brain function with positron emission tomography (PET) while subjects perform various problem-solving tests. The PET scan involves exposure to an amount of radiation that is within both NIH and FDA guidelines. Volunteers will be paid. For information contact Jill Ostrem, 23682 (NOTE NEW NUMBER). □



The Westwood Library, located on the 7th floor annex of the Westwood Bldg., recently celebrated its first anniversary. The library, which is managed by the Division of Research Grants, provides bibliographic information, scientific journals and books, and conference facilities for all NIH employees who work in the building. Participating in the ceremony were (from l) Ann Brigham, Dr. Sam Rawlings, and Dr. Asher Hyatt, all of DRG, who read quotes regarding the importance of reading and libraries in our lives. Vocalist Mary Ann Williamson and guitarist Tom Murphy, both of NIDR, also performed.

EVERHEART

(Continued from Page 1)

"Although I felt honored and excited at such an invitation, at first I was shy about everything. I did not want to be intrusive. Initially, I tip-toed a lot and tended to turn around and walk in the opposite direction as soon as I saw black habits coming down the hall. In order to become more comfortable and to get to know the community better and allow them to know me, the Mother Superior suggested I spend more time with them and gave me my own cell (bedroom) during the time I was working on the project. I would go and live with them a few days at a time on weekends, vacations and holidays, using as much of my free time as possible. I wanted to get to know who they were culturally as well as artistically."

The sisters' backgrounds were diverse—teachers, nurses, speech therapists, reading specialists, and lawyers. "I found them to be a fascinating group of individuals who were very committed to their life of prayer and to their various ministries."

While Everheart did not receive money for her efforts, she explains, "You don't always get paid in greenbacks. I was paid a hundred times over in many other ways. It was an incredible experience and gave me an opportunity to help preserve a piece of history. I was able to point my camera not only on a particular subject but also into a rich way of life that has all but vanished."

"I learned so many things from this study, both artistically and on other levels," she continued. "I became much more aware of the importance of time and space and quiet in our lives. I think we often tend to overcrowd our already busy schedules. Stepping aside, even briefly, from the secular world, can renew your spirit and your soul."

Everheart, who has been at NIH only a year, has been in the personnel field for 15 years in addition to doing professional freelance photography. Prior to coming to NIH, she worked for the Executive Office of the President, the Department of Agriculture, and the Institute of Peace.

"I've always been an artist," she states, "even though I don't make my living through my art. When I was 8 years old, I was given a Brownie camera for my birthday and from that day on, I was hooked. Photography enables you to see the world differently even when the camera is not up to your face."

While Everheart had exhibited before in group shows, the study of the convent was the first time she undertook a project of such broad scope.

Everheart attended the International Center of Photography in New York, has a bachelor's degree from the University of Maryland Baltimore County, and has done graduate work in public administration at both George Washington University and the University of Southern California.



One of the All Saints sisters drives a tractor on the convent grounds in Catonsville, Md.

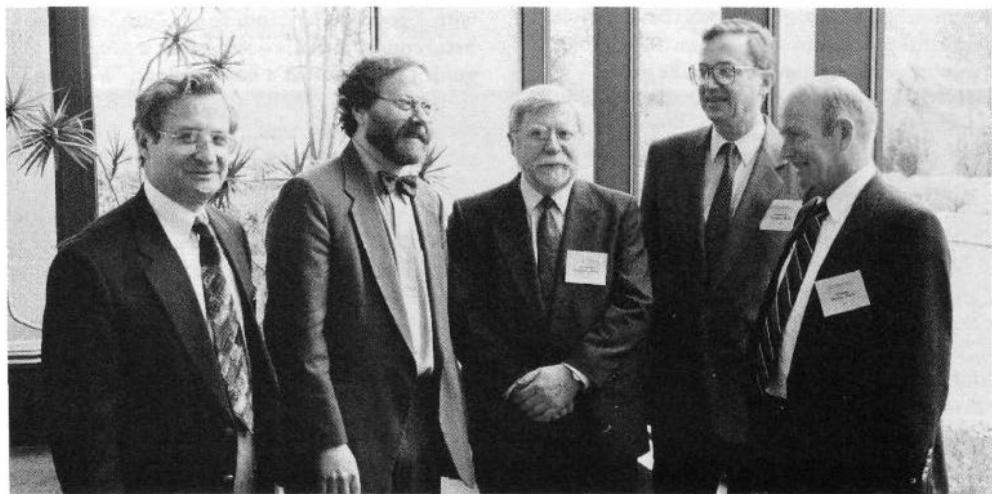
She received grants for her project from the Maryland Humanities Council, Maryland Arts Council and Montgomery County Arts Council. "The sisters raised the money to publish the journal and thus far, about \$15,000 has been realized from sales of the book."

The exhibit has been displayed in a variety of places such as libraries, senior citizen centers, and Washington National Cathedral. "I have received letters from strangers who wrote to say how much the photographs in the exhibit or journal touched them," commented Everheart.

The All Saints Sisters of the Poor were founded in this country in 1872 when three sisters sailed from England in response to a request from Baltimore's Mount Calvary Church to come and assist the parish in its work with the poor of the city. In 1917, the

sisters moved to Catonsville, a suburb southwest of Baltimore. While the community has remained traditional in custom and committed to a life of prayer, its ministry has evolved in response to the changing needs of society. Today, the sisters' ministries include a retreat house, a hospice, a card shop, and hospitality for guests in both the convent and monastery. Everheart says, "It's not unusual to meet guests there from different states and different countries."

Summing up her feelings on the project, Everheart said, "I can say honestly that photographing and producing an exhibit and a book was far more complex than I initially thought. But although it took a lot out of me, I also received so much from this experience." □



In a workshop put together by NIA's Geriatrics Program, an international group of leading scientists gathered to talk about research initiatives on endothelial changes in age-related vascular disease. The session, jointly sponsored by NIA, NHLBI and the American Heart Association, was chaired by Harvard University's Dr. Ramzi Cotran (far l) and Dr. George Martin (far r) of NIA's Gerontology Research Center. Also participating were Dr. Gene Cohen, then NIA acting director, Dr. David Robinson, NHLBI associate director (middle), and Dr. James Cooper of NIA's Geriatrics Program (second from l). According to Martin, some 60 percent of deaths of older people are caused by cardiovascular disease, and the endothelium plays a greater role than previously thought.

The NIH Life Sciences Education Connection

Although she has only been with the Office of Science Education Policy (OSEP) for a year, Dr. Patricia Hoben's efforts will have a long-lasting effect on the NIH community. As OSEP's senior advisor for life sciences education, she has worked diligently to encourage and support the involvement of the scientific community in activities involving students and teachers at the kindergarten through high school levels.

These efforts culminated in a daylong workshop for scientists that featured Dr. Bruce Alberts, president-elect of the National Academy of Sciences.

It is with both sorrow and joy that the office acknowledges Hoben's departure from NIH on July 8 as she prepares to move with her family to Minnesota. "It's been a very exciting



year working with Patricia," said OSEP Director Bonnie Kalberer. "We are certainly going to miss her both professionally and personally."

Prior to coming to NIH, Hoben served for 2 years as program officer at the Howard Hughes Medical Institute, planning and directing the institute's national and local grants initiatives in the area of precollege and public science education. She also spent several years working as a science policy analyst at the Office of Technology Assessment and the Office of the Assistant Secretary for Health. As a research scientist, Hoben studied protein-nucleic interactions in protein biosynthesis and mechanisms of protein targeting in mammalian cells.

New Classes Brighten DCRT Summer Training

Summer is a great time to take a break from the daily routine and take a short course or seminar that can give you a new perspective or new tools to do your job better.

This summer DCRT will inaugurate statistics grand rounds, a series of monthly lectures in Lipsett Amphitheater, Bldg. 10. The series, chaired by Dr. James Malley, will address common problems that biomedical researchers face when using statistics. The first two presentations will be "The Dark Side of the Simple t-test" and "Regrettable Regressions."

A new seminar, "Cluster Computing," by Elliott Alterman and Paula Moore, will introduce this emerging highly efficient approach to distributed computing. Cluster computing promises to unlock the idle cycles of powerful processors such as Sun and Silicon Graphics workstations, and make them available to the computing community at NIH with no loss of performance or convenience for the workstation owner.

DCRT's highly parallel Intel iPSC/860 128-node computer will be the featured platform in "High Performance Computing with Math Advantage." This version of Math Advantage is specially compiled for NIH to work on the parallel computer.

"Neutron Scattering from Biological Macromolecules" by Dr. Ralph Nossal will introduce small angle neutron scattering and related techniques.

Dr. George Michaels will present a seminar on the GenoGraphics software that he has developed with colleagues from Argonne National Laboratory. Copies of GenoGraphics, which stores and displays genetic information, will be available without charge.

For those familiar with elementary use of Mathematica, a general system for mathematical computation, Dr. George Hutchinson will present "Mathematica Techniques," an

opportunity to learn how to use the more advanced features of this software.

A number of summer database classes are available. The two introductory classes, "Relational Database Overview" and "SQL: The Language for Relational Databases," have been revised and are now appropriate for users of a variety of relational databases including Oracle, Sybase, and DB2. Other summer offerings include "Designing Tables" and "Managing a DB2 Database" and the popular short seminar "Distributed Database Processing Using Client-Server Technology."

The widely used C language and the object-oriented C++ are designed to create portable code. This summer, experienced programmers with a good understanding of C can learn the basic concepts of C++ and begin a program of guided self-study in a new seminar, "Moving from C to C++," to be given by Dr. Sandy Orlow. For those who need to learn C, a full program of classes will be given including "Getting Started with C," "C Language Fundamentals," and "C Language: Pointers and Structures." The last of these is recommended for students planning to take "C Language Data Structures," which will be given in the fall term.

New classes in the area of personal computing this summer include "Getting Started with Windows" and "Macintosh/PC Data Exchange."

For detailed class descriptions and schedules, people with access to Wylybur can use the Enter Training command. Anyone with access to Gopher can find this information under the NIH Computer and Networks directory. Copies of the printed brochures are available from the Technical Information Office, Bldg. 12A, Rm. 1015, phone 65431.

All classes in this program are sponsored by DCRT at no charge. For more information phone 62339. □

FAES Announces Fall Courses

The FAES Graduate School at NIH announces the schedule of courses for the fall semester. The evening classes sponsored by the Foundation for Advanced Education in the Sciences will be given on the NIH campus.

Tuition is \$60 per credit hour, and courses may be taken for credit or audit. Courses that qualify for institute support as training should be cleared with the supervisors and administrative officers as soon as possible. Both the vendor's copy of the training form and the FAES registration card must be submitted at the time of registration.

Courses are offered in biochemistry, biology, biotechnology, chemistry, immunology, languages, medicine, microbiology, pharmacology, psychology, psychiatry, statistics, toxicology, administration and courses of general interest.

It is often possible to transfer credits earned to other institutions for degree work, and many courses are approved for AMA category I credit.

Classes will begin Sept. 20, mail registration ends Aug. 6, and walk-in registration will be held from Sept. 8 through 14. Fall catalogs are available in the graduate school office in Bldg. 60, Suite 230, the Foundation Bookstore, Bldg. 10, Rm. B1L101, and the business office in Bldg. 10, Rm. B1C18. To have a schedule sent, call 67977. □

Seminar on Appraisals, Awards

The NIH Executive Speakers Series Seminar will present a 2-hour presentation on "Everything You Ever Wanted to Know About Performance Appraisals and Awards" on July 14, 1:30 to 3:30 p.m. in Maser Auditorium, Bldg. 10. The seminar is designed to enhance the knowledge, skills and abilities of NIH's scientific, research and administrative community in personnel areas.

Sponsored by the NIH Training Center of the Division of Personnel Management, Cassandra Isom, DPM's assistant director for development and training, will moderate a panel of experts including: Herb Casey, chief, Recruitment and Employee Benefits Branch; Sue Heidel, acting chief, Labor Management Branch; and Mimi Blitz, personnel staff specialist, Staff Management Branch.

For more information call Dr. James C. Moone, 62497. □

Lodging for Families Needed

The Children's Inn at NIH will host its second Family Reunion on Saturday, July 17 from 12:30 to 4:30 p.m., and needs volunteers to provide free lodging to families who will be coming to this occasion from all across the United States. Those able to provide housing for a family the night of Friday, July 16, or Saturday, July 17, should call Stephanie Stipien, volunteer director at the inn, 65672. □



TRAINING TIPS

The NIH Training Center of the Division of Personnel Management offers the following:

Courses and Programs	Starting Dates
Management and Supervisory	
Leader Led Change	8/2
Communication Strategies for Leaders	7/27
Intro to Scientific & Medical Editing	8/16
Successful Middle Management	7/14
Office Operations and Administrative	
Systems Training 66211	
Introduction to Working at NIH for New Support Staff	7/28
Introduction to NIH Property Management	7/26
Buying from Small and Large Businesses in the Open Market	8/4
Consolidated Purchasing Through Contracts	8/5
Federal Supply Schedules	8/6
IMPACT System for Administrative Staff	7/19
IMPACT System for Professional Staff	7/19
Special Courses	
Retirement Planning Seminar	7/12
Privacy Act	7/13
For the Culturally Diverse Workforce: Speaking Effective English-Basic	7/20
For the Culturally Diverse Workforce: Speaking Effective English-Advanced	7/20
NIH Careers: Finding the Best One For You SF-171 and KSA Preparation	7/23
	7/28

Lecture on Skin Disorders, Genes

On Thursday, July 8, Dr. Sherri Bale, acting chief of the genetic studies section, Laboratory of Skin Biology, NIAMS, will speak to the skin diseases interagency coordinating committee on "Genetic Studies of the Scaling Skin Disorders." The meeting will be held in Bldg. 31, Conf. Rm. 7, from 1:30 to 4 p.m.

Bale's laboratory has identified the mutations in keratin 1 and keratin 10 in many families with epidermolytic hyperkeratosis. She has continued her work on inherited skin disorders through a project with the U.S.-Egyptian Cooperative Health Program. The purpose of the project is to understand the genetic basis of some forms of ichthyosis.

For more information, call Sharon Nouzari Louis, 60801. □



Computer Training Classes

Classes	Dates
ENTER BBS	7/13
Memory Management on the PC	7/13
Unix Commands	7/14
Macintosh Networking with TCP/IP	7/15
Getting Started with C Language	7/19-7/22
Introduction to WYLBUR	7/19-7/30
Mathematica Techniques	7/19
ProComm Plus	7/20
DOS Batch Files	7/26
LAN Concepts	7/26
Relational Database Overview	7/27

Classes are offered by the DCRT Training Program without charge. Call 62339 for more information. □

Elsie Cerutti Retires After 20 Years in Government

NCRR bids a fond farewell to Elsie Cerutti, who has served as reference and bibliographic services section chief in the NIH Library for the past 10 years of her 20-year federal career.

As head of the reference section, Cerutti has been responsible for collection development of the library's materials—which includes deciding which journals, books, and other library resources to obtain, retain, or remove based on library user needs and available space. Additionally, she has overseen operation of the circulation/service desk, distribution of free MEDLINE access codes, the processing of computer searches, and coordination of the library's MEDLINE and Grateful Med training courses.

Of her work at NIH, Cerutti says she is most proud of having built a very usable collection over the last 10 years by utilizing shelving information and data from the electronic catalog.

Cerutti also says she has enjoyed being a reference librarian because she loves solving puzzles. Answering questions and helping people find the information they are looking for, she says, is like solving a puzzle.

Library work, however, has not been Cerutti's only career in life. After earning her B.S. in mathematics from the University of Pittsburgh in 1953, she worked as a high school math teacher for a year. She then received her M.S. in mathematics from Purdue University in 1956, and stayed there as a math instructor for a year.

After a brief hiatus, Cerutti changed careers and went to work from 1959 to 1960 for the U.S. Army Air Defense Board as a computer programmer. She also did computer programming for Martin Marietta and Brown University before deciding she wanted another career change.



Elsie Cerutti

Cerutti returned to the University of Pittsburgh and earned a master's degree in library science in 1972. In 1974, she went to work for the National Bureau of Standards—now the National Institute of Standards and Technology—as a reference librarian and head of reference before coming to NIH in 1982.

Cerutti has been recognized for her job excellence throughout her career at NIH. She received the NIH Director's Award in 1989, and has also earned seven Outstanding Performance Awards while here.

"If we can find someone else like her, that would be a real find," said NIH Library Chief Suzanne Grefsheim.

Cerutti's plans after retirement are to move to Bel Air, Md., with her husband, and to enjoy her hobbies of bird watching and walking. She recently hiked part of the Appalachian Trail, which extends from Georgia to Maine. She also attended the Appalachian Trail Conference in Georgia to walk that portion of the path.—Kathleen Canavan □



Blood and apheresis donors alike celebrated with the department of transfusion medicine at its annual Donor Appreciation Day recently. NIAID director Dr. Anthony Fauci thanked the donors for their commitment and participation in the volunteer and research programs conducted in the department. Awards were presented to donors who reached significant milestones in blood donation as well as in the research program. The awards included the Hall of Fame Award presented to Arnold Sperling and the 35 Year Outstanding Service Award presented to Charles Evans and Milton Whittington. The awards ceremony was followed by a reception in the DTM courtyard (above) with lots of food, games and music. If you are interested in blood donation, call 61048.

Clinical Center Unveils 40th Anniversary Celebration Schedule

The Clinical Center will celebrate four decades of intramural clinical research at NIH with a series of programs July 8-9. The events mark the 40th anniversary of the first patient admission to the Clinical Center.

"Four Decades of Heart Research: The Evolution of Yesterday's Truth to Today's Fiction and of Today's Fiction to Tomorrow's Reality," is the title of the public lecture scheduled July 8, 7:30 to 8:30 p.m., in Masur Auditorium. It will be presented by Dr. Stephen Epstein, chief, Cardiology Branch, NHLBI.

Opening ceremonies begin July 9 at 8:30 a.m. in Masur Auditorium with a welcome by Dr. Lance Liotta, NIH deputy director for intramural research. Former NIH director Dr. Donald Fredrickson will discuss the history of the Clinical Center at 9 a.m.

Scientific sessions follow from 9:30 to 11 a.m. Speakers include Dr. Harvey Alter, chief, immunology section and associate director of research, department of transfusion medicine, CC. His topic is "The Rise and Fall of Post-transfusion Hepatitis."

Dr. Frederick Goodwin, NIMH director, will speak on "Advances in Treatment of Mental Illness."

Dr. John Doppman, director, diagnostic radiology department, CC, will examine "Advances in Radiologic Imaging."

The program continues 11:15 a.m. to 12:30 p.m. with "Making it Work: Integrating Care with Research." On the program are Dr. Adrienne Farrar, acting chief, social work department, CC; Dr. Marianne Chulay, clinical nurse specialist, CC; Dr. Lynn Gerber, chief, rehabilitation medicine department, CC; and Denise Ford, chief, clinical nutrition services, nutrition department, CC.

The celebration moves to the lawn outside the B1 cafeteria for a picnic and entertainment starting at 12:30 p.m. Guest Services, Inc., will sell 40th anniversary lunches.

Moderator for the 1:30 to 3:30 p.m. plenary session on gene therapy is Dr. W. French Anderson, professor of biochemistry and pediatrics at the University of Southern California. Topics and presenters are:

- ◆ "Gene Therapy for Immunodeficiency," Dr. R. Michael Blaese, deputy chief, Metabolism Branch, NCI;
- ◆ "Gene Therapy of Cancer," Dr. Steven A. Rosenberg, chief of surgery, NCI;
- ◆ "Gene Transfer into Hematopoietic Stem Cells," Dr. Arthur Nienhuis, director, St. Jude's Children's Research Hospital;

◆ "Gene Therapy for Cystic Fibrosis," Dr. Ronald Crystal, chief, division of pulmonary and critical care medicine, department of medicine, New York Hospital-Cornell Medical Center;

◆ "Selective In Vivo Transduction with a Suicide Gene: Gene Therapy of Malignant Brain Tumors," Dr. Edward H. Oldfield, chief, department of neurosurgery, NINDS; and

◆ "Human Gene Therapy: The Present and the Future," Dr. French Anderson.

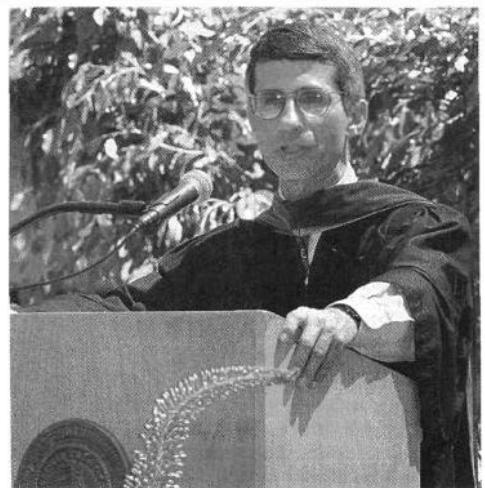
Dr. Samuel Broder, NCI director, will moderate 3:45 to 5:30 p.m. sessions on advances in the biological management of cancer. Topics and presenters are:

◆ "Cancer Drug Development at the Clinical Center: Methotrexate, MOPP, and MDR," Dr. Bruce Chabner, director, Division of Cancer Treatment, NCI; and

◆ "Radiolabeled and Genetically Engineered Antibodies: Novel Approaches to the Therapy of Cancer," Dr. Thomas Waldmann, chief, Metabolism Branch, NCI.

The celebration concludes with a reception in

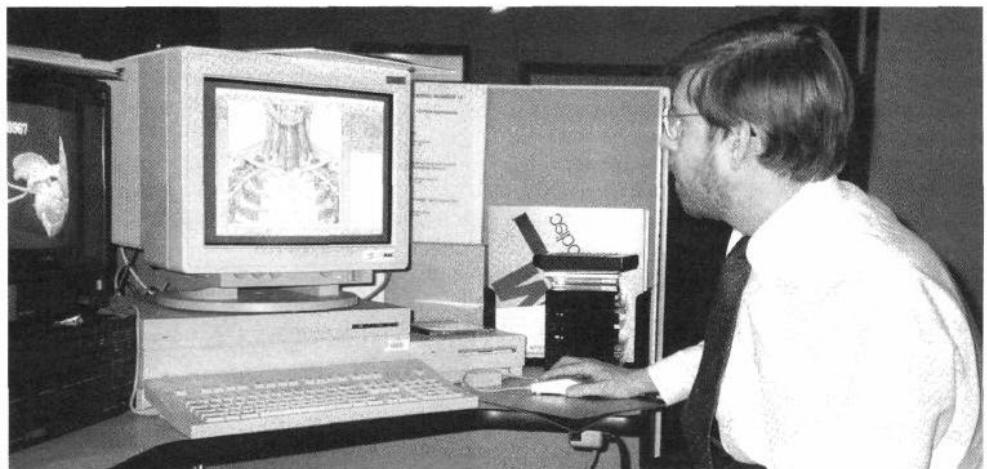
the Clinical Center Visitor Information Center featuring remarks by NIH's Nobel Prize recipients Drs. Christian B. Anfinsen, Julius Axelrod, D. Carleton Gajdusek, and Marshall Nirenberg. The reception includes presentation of the portraits of former CC directors, to hang outside Lipsett Amphitheater. □



Dr. Anthony S. Fauci, NIAID director, recently received honorary doctorates from the Medical College of Wisconsin, Bates College in Maine and Bard College in New York. In addition, he presented commencement addresses at the Medical College of Wisconsin, Bard and Stanford University School of Medicine (above). In his speech to the Stanford graduates, he said, "You must be guided by integrity, unselfishness, perseverance, inquisitiveness, and a compelling thirst for knowledge with the patient as the focus and beneficiary of all that you do professionally, be it as a health care professional or basic scientist." He added, "This is part of the tradition and history of our profession."

R&W Has Circus Tickets

R&W has tickets to performances by Cirque de Soleil for Friday, Oct. 15. There are two seat categories. In category 1, adult tickets are \$36.50, child \$24.50. In category 5, adults get in for \$14, children \$7.50. Call R&W, 66061, for more information. □



FDA commissioner Dr. David Kessler recently spent several hours at NLM in its TLC—The Learning Center for Interactive Technology—reviewing interactive software. He had been asked to present a 1-hour talk on "the human body" to all the fifth graders in his daughter's school, Woodacres Elementary in Bethesda. His speechwriters told him he was on his own for this engagement, so Kessler called NLM to locate some interactive audiovisuals that could be adapted for the presentation. The TLC's Drs. Michael Weisberg and James Woods demonstrated to Kessler several programs, including the Animated Dissection of Anatomy for Medicine (ADAM). The presentation went extremely well, Kessler reported. For more information on NLM's TLC, call 66280.