Special Holiday Festivities Planned
To Surprise and Delight CC Patients

Holiday parties, games, tree-trimming, caroling, and special Christmas outings fill December’s calendar for Clinical Center patients.

Recent events for the youngsters included a trip to see Santa Claus at Tyson’s Corner, a Santa Treasure Hunt through the hospital—with gift surprises scattered among the clues—and the annual children’s Christmas party sponsored by the Clifton Park Citizens Association.

A personal visit from Santa and his helpers, laden with presents, delighted the young patients.

For adults, the month’s agenda began with creative Christmas crafts, in which patients made decorations and tree ornaments.

Entertainment included a Christmas holly hop, with music provided by the Air Force Band, and the annual Christmas Variety Show sponsored by the Scottish Rite Masons. The show featured a ventriloquist act, a magic show, and songs and dances by local professional entertainers.

The U.S. Air Force Singing Sergeants also gave a holiday concert of traditional and seasonal music.

On a recent shopping trip a young CC patient carefully surveyed the toy department, drew up her Christmas list, and put in a request to Santa.

The Ad Hoc Committee meets to discuss plans for the NIH First Alumni Reunion to be held on the campus, April 19-20. Scientists from many parts of the world—all former NIH researchers—are expected to attend the 2-day meeting. L to r: Dr. Robert S. Stone, NIH Director; Dennis Flanagan, editor, “Scientific American”; and Dr. Sidney Udenfriend, Roche Institute of Molecular Biology and chairman of the committee.

Cancer Control Program
Elevated to NCI Division
Headed by Dr. D. J. Fink

In discussing the goals of the program, Dr. Fink explained that with the knowledge and techniques that are now available “thousands of lives lost annually to cancer could be saved...”

Dr. Frank J. Rauscher, Jr., Director of the National Cancer Program, National Cancer Institute, has announced the establishment of the Division of Cancer Control and Rehabilitation.

“The new Division is directed by Dr. Diane J. Fink, who was formerly the NCI associate director for Cancer Control.”

“Elevation of the Cancer Control Program to the status of a Division reflects its importance in the fight against cancer and its rapid development since 1972,” Dr. Rauscher said.

The Cancer Control Program was authorized by the National Cancer Act of 1971. It is a new dimension in the mission of NCI, whose twin goals now are to obtain new knowledge and to ensure the translation of research findings into practice.

“Thousands of lives lost annually to cancer could be saved with the knowledge and techniques now available,” Dr. Fink said.

“The goal of NCI Cancer Control is to ensure the rapid translation into community practice of existing knowledge and new leads emanating from research. This is undertaken by field testing, dem-
A recent 2-day NIAID workshop on Bunyaviruses—disease agents transmitted by mosquitoes, ticks, and flies—was attended by scientists from this country and abroad who are conducting research on these infectious agents. L to r: Dr. Walter Schlossinger, Rutgers Medical School; Dr. Philip K. Russell, Walter Reed Army Institute of Research and chairman of the workshop; Dr. Pekka Saikku, University of Helsinki; Dr. Michele Bouley, Institut Pasteur, and Dr. Nils Oker-Bloom, University of Helsinki.

NIH Graduate Program

Offers 2 New Courses For Spring Semester

The Graduate Program at NIH has announced its schedule for the spring semester. The classes sponsored by the Foundation for Advanced Education in the Sciences, will be held in the evening on the campus.

Two new medical subspecialty review courses are being offered. They are MEDI 604—Medical Oncology and MEDI 605—Endocrinology and Metabolism.

Tuition is $22 per semester hour, and courses may be taken for credit or audit. Students enrolled in the courses must re-register.

Have a Happy Holiday: Follow Security Tips

The Protection and Parking Branch, Division of Administrative Services, hopes everyone enjoys the holiday season. However, thefts of personal and other property increase at this time.

Happy holidays can be a reality if everyone follows these few security steps:

Suggested Listed

• Don't advertise where Christmas party funds are kept.
• Gifts for fellow employees and friends should not be left unprotected.
• Pare Christmas packages in the car trunk, not on the seats.
• Attractive or expensive decorations for the holiday season should be attached securely.

These holiday reminders are in addition to security measures previously published:

Security Measures

• Take your purse or wallet with you when you are away from the office.
• Keep all funds in a locked cabinet.
• Secure all valuable equipment and personal belongings.
• Try not to leave offices or labs unattended during working hours.
• Call the Guard Office immediately to report a loss or the presence of strangers. In Bldg. 10, call Ext. 63471; in all other buildings, call Ext. 65686.

Knowledge is a sacred cow, and the problem will be how we can milk her while keeping clear of her horns.—Albert Schweitzer-Gyorgyi.

NIH Library Offers Use Of Microforms to Save Journal Shelving Space

To solve shelving space problems, the NIH Library is using microforms—including microcards, microfiche, and microfilm.

A listing of the Library's microform holdings is available in its Nonprint Media Center. Microform holdings of a particular journal title generally cover the early volumes.

In many cases the microform copies represent the Library’s second copy of a journal title. However, the Journal for Praktische Chemie (NS1-162, 1870-1943) is available only on microcards.

Among journal titles available in microfilm cartridge format are the American Heart Journal, the American Journal of Physiology, the Biochemical Journal, Biological and Chemical Abstracts, the Journal of Histochemistry and Cytochemistry, Life Sciences, and Proceedings of the National Academy of Sciences, Washington.

The congressional Record, Federal Register, and the New York Times are available in reel format.

Equipment for use of microforms is available in the lower level of the Library.

NIH Symphony Plays Mozart And William Tell Overture

The NIH Symphony will present a concert tomorrow (Wednesday, Dec. 18th), at 8 p.m. in the Masur Auditorium. Selections will include the William Tell Overture, a Mozart symphony, and a suite by Rimsky-Korsakov.
'Cliff' Johnson Leaving, Accepts Post in Chicago At Reese Med. Center

Clifford F. Johnson, Assistant for Grants Relations in the Office of Extramural Research and Training, will leave NIH at the end of this month to accept an appointment at the Michael Reese Medical Center, Chicago, as Director of Research Administration.

The announcement was made by Michael Reese President, Dr. LeRoy A. Pesch, who said that Mr. Johnson will be responsible for planning, managing, and coordinating all research programs at the medical center and its affiliates.

Pesch said, "Mr. Johnson's appointment is another step in the direction of creating an administrative structure compatible with the leadership position to which the Michael Reese Medical Center is committed."

"As a major independent urban medical center, we believe that we have a unique role to play in research, no less than in our patient care and education programs. We expect Mr. Johnson's appointment to play a key role in our efforts toward that end," he added.

The Michael Reese Medical Center is one of the largest such institutions in the United States, with almost 1,000 beds and a medical staff of 565.

Has Academic Affiliation

A total of 350 scientists and associated staff are conducting research in 24 departments located in three buildings on the Center's campus. The center has an academic affiliation with the Pritzker School of Medicine of the University of Chicago.

Mr. Johnson has played a significant role in two areas of NIH—first in the field of information and, more recently, in extramural program activities.

Bill McCeleney Sets a Record; With Gov't 44 Years, And Worked in Animal Labs for Over Half Century

William J. McCeleney has surely set some sort of a record. He has been with the Federal Government for 44 years, but even longer than that, he has worked—for 51 years—with highly inbred strains of mice, rats, and guinea pigs.

Mr. McCeleney, who recently retired from the Veterinary Resources Branch, Division of Research Services, has followed a family tradition. For 25 years his father raised laboratory animals at Harvard Medical School for Dr. Lloyd D. Felton, one of the first scientists to work at NIH.

And Mr. McCeleney's first job—in 1923—was also assisting Dr. Felton with his animal lab work.

Five years later, he became the animal attendant for Dr. Oscar Schereschewsky, chief of Harvard's Office of Cancer Investigations. In 1939, Mr. McCeleney and Dr. H. B. Andervont, of Harvard's Medical School, were honored by the American Medical Association as the "Best Book for the Medical Profession by Multiple Authors."

The AMWA presents annual awards for the best books published in various categories.

A collection of authoritative reviews of research on cancer in man, the book is organized into three main sections: an overview of the foundations in research; the diagnosis and management of neoplastic diseases by several disciplines, and the study of cancer in the various organ systems.

National Graduate Univ. Designs Programs Fitting Specific Needs

The National Graduate University offers programs of study leading to master's and doctorate degrees. It is designed to meet the needs of practitioners.

The Human Service College, established in 1971, includes gerontology as one of its specialized fields.

Colleges in Management and Natural Resources Management were begun in 1971-72 with others planned in Environmental Science, Developmental Planning, Behavioral Science, and Government Formation.

Non-Degree Courses Given

Non-degree short courses and programs, given in the Washington area and other locations in the U.S., provide training in management and human relations skills.

For more information, contact Debra J. Poretsky, Program Assistant, National Graduate University, 2408 Wisconsin Ave., Washington, D.C. 20016, or call 966-5100.

Dr. David G. Hoel, chief of NIH's Environmental Biometry Branch, recently was elected a Fellow of the American Statistical Association. Of the 10,500 members in the organization, 665 are Fellows. Dr. Hoel was honored for his extensive contributions to both theoretical and applied statistics, and for his skill as a biomedical consultant.

Learning without thinking is useless. Thinking without learning is dangerous—Confucius.
Down South the NIH Perrine Primate Center—Underway To Assist Intramural Research

Less than 10 miles from the wilderness of the Florida Everglades, and about 15 miles from the tourist mecca, Miami, there is a 60-acre preserve that houses the NIH Perrine Primate Center directed by the Division of Research Service's Veterinary Resources Branch.

And at Perrine, there is a staff of NIH'ers numbering three—the VRB back-up staff is over a thousand miles away on the NIH campus.

But the three at Perrine—Mary Mathis, Robert Lee Williams, and Milton Clarke—are aware that they are an integral part of NIH.

In discussing the facility, Dr. Robert A. Whitney, Jr., VRB chief, and Dr. Albert E. New, assistant chief and director of Perrine, explained the reasons for the Center's importance to NIH, and also told about the work of its employees.

The Perrine Primate Center is a breeding colony for rhesus and squirrel monkeys. Last month-November—marked its first birthday. That is, it has belonged to NIH for one year; formerly, it was an Environmental Protection Agency laboratory that was moved to Research Triangle Park, N.C.

Dr. Whitney Explains Program

Dr. Whitney told why, at this time, it was important to develop domestic breeding colonies of primates.

“Our supplies of wild captured primates have been drastically cut,” he said. “India, a chief source for primates, has placed an embargo on rhesus in an attempt to conserve their natural resources. We can expect less than 50 percent of the imports from India.”

Scientists at NIH require about 3,000 monkeys a year. Through the Perrine breeding program and two VRB contracts with Haskel Laboratories in Vienna, Va., and Gulf South Research Institute in New Iberia, La., VRB will eventually produce a minimum of 1,500 monkeys a year for NIH scientists.

About 85 percent of the monkeys used in experiments at NIH have been rhesus from India. That is one reason why India's export cut has made VRB's Perrine Center such a valuable component of NIH.

The rhesus shipped from India are first quarantined for 120 days in the NIH Animal Center near Bethesda, then flown to the Miami airport and transported to their "home" in an air-conditioned truck. The monkey quarters are first quarantined for 120 days.

There are other areas in DRS with an interesting diversity. For example, the NIH/VRB Back-up staff is located at a satellite laboratory in southern Florida, stressing that the health of the breeding stock was the first concern of the employees.

The first order of the day is a health check. It can be compared to a hospital's medical rounds. The difference is that these are well animals who are given the attention and care of hospital patients.

"Prime breeding stock is difficult to obtain, these resident monkeys are very valuable," Dr. New stated. The monkeys are housed in groups—about eight females to one male. Despite this number, both Mr. Williams and Mr. Clarke are aware of the individuality of each rhesus and the importance of collecting information on every primate, even down to their group compatibility.

As Dr. New said, "It is necessary for them to be compatible, if they're not happy, they are not going to breed well."

Feeding and cleaning the primates and the repair and maintenance of the equipment take up a good part of the animal technicians’ day.

Miss Mathis is responsible for all of the records that are kept at Perrine. Dr. New described her as a combination procurement specialist, receptionist, and secretary.

Mr. Clarke and Mr. Williams alternate in working a 7-day week. Frequently, Miss Mathis will visit Perrine on her day off. At night, a security guard patrols the area.

The staff down south and the staff up north keep in touch via telephone.

Phone Rings!

"We make routine calls biweekly to follow up a directive or to tell them we're shipping monkeys," Dr. New said. The phone rings in the VRB office "only when they need us."

The branch chief and the assistant chief periodically visit Perrine. George Coleman, of the Timed Pregnant Breeding Program of VRB's Primate Research Unit, goes down to direct the pregnancy examinations in the monkeys.

Dr. Whitney and Dr. New called the primate breeding program "a coordinated program to produce results as economically and efficiently as possible."

Both scientists explained that there are other areas in DRS with expertise in problems of primates who are recruited to help in the program. In fact, they considered all of the NIH community as helping us in this breeding program.

A segment of the Perrine program that is considered vital to research is the issuing of timed pregnant rhesus monkeys to NIH scientists.

The time of conception is known within a 72-hour period, and the animals are used for studies that require an unborn or newborn rhesus.

Such studies may answer a myriad of questions including what happens to an unborn baby in a woman with diabetes? What is the effect of diabetes on fetal development? And how can methods for diagnosing early pregnancies be improved?

To further pinpoint the importance of the program, Dr. Whitney said, "If they had tested thalidomide in timed pregnant monkeys they would have seen the same defects as were found in newborn children."

And that's what Perrine is all about—a laboratory for breeding primates for NIH intramural research in order to help solve the complex diseases of humans.

It's NIH—only with a difference in the landscape—forsythia and red maples give way to poinsettia and palm. In its 10 buildings containing 120 run-type enclosures, the center can house 800 rhesus and 200 squirrel monkeys.

The three NIH'ers, Mr. Clarke, Miss Mathis and Mr. Williams are far away from Perrine—even weekends seem short out, the health of the breeding stock is...
At Perrine, Dr. New and Dr. Whitney meet with the contractors and the veterinary consultant to discuss the breeding program. The two contracts will amount to approximately $1.3 million over a 5-year period. About one-half of the primates required by NIH Intramural researchers will be supplied through Perrine and the contract programs. Counterclockwise right around the conference table: Dr. New; Dr. Whitney; Dr. David A. Valerio, Division of Life Sciences, Hazleton Research Laboratories; Dr. William Greer, associate scientific director, Gulf South Research Institute; Dr. Altman, and Miss Mathis.

The first order on the day’s agenda is checking the health of each primate by the animal technicians. Dr. New compared this check up to a hospital’s medical rounds—with this difference “... these are well animals who are given the attention and care of hospital patients ...”

Mr. Williams and Mr. Clarke arrive at the Miami airport to pick up rhesus that have been flown down from the NIH Animal Center near Poolesville, which is under the jurisdiction of DRS. The animals were shipped from India to that center where they are in quarantine for 120 days. After landing in Miami, they are transported to Perrine in an air-conditioned truck.

Mr. Williams and Mr. Clarke are never too busy to see them there. And as Dr. New points out, this is the first concern of the employees.

Miss Mathis, surrounded by the paraphernalia denoting a busy staff member, is responsible for the records that are kept at Perrine. Dr. New describes this NIH'er as a combination procurement specialist, receptionist, and secretary.
Comparative Pathology Handbook and Directory Are Available from AFIP

The Registry of Comparative Pathology of the Armed Forces Institute of Pathology has issued its Handbook of Animal Models of Human Disease and also a directory of Educational Opportunities in Comparative Pathology, United States and Foreign Countries, 1974.

Both are partly supported by a grant from the Division of Research Resources.

The third fascicle contains 15 chapters on animal models. The white paper, for example, is an animal model for Waardenburg's Syndrome, a genetic defect causing congenital deafness and pigmentary disorders.

Handbook Format Described

The price of the current Handbook, consisting of three fascicles collated in a loose-leaf binder, is $8.50. Additional fascicles will be offered in the future.

Each Handbook chapter gives the biological features of the disease, a comparison with the human disease, the animal's availability, and a reference section listing additional sources of information.

The first two fascicles include animal models for diseases such as lead poisoning, congenital malformations due to vitamin A deficiency, hereditary muscular dystrophy, and slow viral infections.

Many of the chapters have been published in the quarterly Comparative Pathology Bulletin.

Directory Is Free

The free directory of Educational Opportunities in Comparative Pathology describes programs in 53 states and the District of Columbia and 11 in foreign countries.

The degree programs, extramural affiliations, residency and preceptorship programs at each institution are outlined briefly.

Both publications are available from the Registry of Comparative Pathology, Armed Forces Institute of Pathology, Washington, D.C. 20336.

NIH Visiting Scientists Program Participants

11/22—Dr. S. Aswani Kumar, India, Laboratory of Developmental Biology and Anomalies. Sponsor: Dr. Elliott Schiffman, NIDR, Bldg. 30, Room 114.13
11/24—Dr. Egidio A. Moja, Italy, Laboratory of Clinical Pharmacology. Sponsor: Dr. Christian Gillin, NIMH, 1st, A. White, Bldg. St. Elizabeth's Hospital. Room 114.13
11/25—Dr. Peter Fleckenstein, Germany, Section on Molecular Structure. Sponsor: Dr. Erhard Gross, NICHD, Arbor Bldg., Room 711.13
12/6—Dr. Manik P. Chitrakar, India, Drug Evaluation Branch. Sponsor: Dr. Betty J. Abbott, NICI, Bldg. 30, Room 126A.
12/1—Dr. Yoshio Aishima, Japan, Laboratory of Comparative Pathology. Sponsor: Dr. Robert Lazzarini, NINDS, Bldg. 36, Room 3B16.
12/3—Dr. Laurence H. Lasnay, France, Biology Branch. Sponsor: Dr. Monte S. Metzgar, NICI, Bldg. 37, Room 12C4.
12/1—Dr. Donald B. Calne, United Kingdom, Immediate Office of the Assistant Director. Sponsor: Dr. Thomas N. Chase, NINDS, Bldg. 36, Room 3A06.
12/1—Dr. Tadashi Akaishi, Japan, Laboratory of Neurophysiology. Sponsor: Dr. Thomas G. Smith, NINDS, Bldg. 36, Room 2C02.
11/29—Dr. Hugo L. Zivovay, USSR, Laboratory of Viral Pathology. Sponsor: Dr. Milton Levy, NIAID, Bldg. 5, Room 121-32.
11/23—Dr. Peter A. Smith, United Kingdom, Laboratory of Neuroendocrinology. Sponsor: Dr. Floyd E. Bloom, NIMH, Wm. J. White, Bldg. St. Elizabeth's Hospital.
11/23—Dr. Shousun Szu, Taiwan, Laboratory of Theoretical Biology. Sponsor: Dr. Moses Berman, NICI, Bldg. 10, Room 4B51.

Dr. Peter L. Frommer (I), associate director for Cardiology, National Heart and Lung Institute, and Dr. Robert I. Levy, director of NHLI's Division of Heart and Vascular Diseases, discuss the management of ischemic heart disease with Prof. Igor K. Shkhvotsobaya, Director of the A.L. Myasnikov Institute of Cardiology. The Russian scientist headed the Soviet delegation that visited NIH as part of a US-USSR joint study in this area.

Dr. Fink

(Continued from Page 1)

On NIAMDD Adv. Council

Dr. Livingston M. F. Wong, a prominent university professor and kidney disease specialist, has been appointed to the National Advisory Arthritis, Metabolism, and Digestive Diseases Council through September 1977.

He will advise on NIAMDD's grants and awards program.

Dr. Wong is assistant director of the Institute of Renal Diseases, St. Francis Hospital, Honolulu, Hawaii, and also associate professor in surgery at the University of Hawaii School of Medicine and project director, Emergency Medical Services Program, Honolulu.

Dr. Wong received his B.S. degree in 1952 from the University of Hawaii and his M.D. degree from the University of Oregon in 1969.

At a graduation ceremony, 14 officers of the 25th class of the NIH Police Training Academy received certificates. Standing (I to r): John J. Ferrari, III; Percy Baker; George H. Webb; Andrew J. Williams; Charles T. Wilson; Larry D. Colbert; Ronald A. Smith; John T. Spivey; Isaiah C. Byrd; Kenneth A. McDermaon, class president; Stanley D. Jordan, High Scholastic Award winner; Charles A. Raymond, and Raymond W. Stewart. Seated are: Rev. James J. McCord; Ralph A. Stork, acting assistant director for Protection and Safety Management; Otis Ducher, DAS Director who addressed the group in Wilson Hall; Milton R. Mullican, chief, NIH Fire Department; Capt. Richard F. Jones, Commander, U.S.S.P.; Arthur G. McKay, assistant chief, Protection and Parking Branch, PSM, and William C. Wright, Police Training Officer.

Ross Holliday, Director, Division of Engineering Services, presented 30-year award pins and certificates to employees in the Plant Engineering Branch. Left to right: Carroll Clay, Mr. Holliday, Don Farley, Kenneth England, and Archie Rodgers.
FESTIVITIES
(Continued from Page 1)

Suggestion to Bicyclists:
Brighten Up, Play It Safe

During the winter months early nightfall and poor visibility are extremely dangerous. The Parking and Protection Branch, Division of Administration Services, urges all bicyclists to equip their bicycles front and rear with lights, reflector tape, or other fixtures to increase visibility in the interest of their own and others' safety.

The Motor Vehicle Laws of the State of Maryland, applicable under the NIH reservation, require that bicycles be so equipped when there is insufficient light or unfavorable atmospheric conditions so that persons and bicycles are not clearly discernible at 1000 feet. Help others to see you.

Dr. Lipsett Joins Ohio Cancer Center; at NIH 17 Yrs.

Dr. Mortimer B. Lipsett, National Institute of Child Health and Human Development, has been appointed director of Case Center, Inc., in Cleveland. The Center was founded by Case Western Reserve University and the Cleveland Clinic Foundation.

Dr. Lipsett, who has been with NIH for 17 years—he came here in 1957—was NICHD's associate scientific director, Intramural Research, and chief of the Reproductive Research Branch. He is especially noted for his endocrinology studies.

Directed Endocrine Studies

During his tenure at NICHD, he directed studies on the effects of the endocrine glands on the reproductive mechanisms.

Dr. Lipsett came here from the faculty of Cornell University Medical School as medical officer in the Endocrinology Branch of the National Cancer Institute. In 1966 he was named chief of that Branch.

He received his B.A. from the University of California and both his M.S. and M.D. degrees from the University of Southern California.

His honors include the Alfred P. Sloan Award for Cancer Research, and the DHEW Superior Service Honor Award; in 1959 he was named a Diplomat of the American Board of Internal Medicine.

From 1968 to 1973, Dr. Lipsett was editor-in-chief, *Journal of Clinical Endocrinology and Metabolism.* He was also an associate clinical professor in medicine at Howard University.

In his new position, Dr. Lipsett will be a member of the faculty at Case Western Reserve's School of Medicine.

NIHLI SEMINARS
(Continued from Page 1)

of reactions by which purines are utilized and broken down.

When other biochemical lesions of primary gout are defined, he concluded, they will almost surely turn out to be multiple, complex, and often subtle deviations of metabolic control.

Future seminars will be held at 4 p.m. in the Masur Auditorium. Prominent scientists who will speak at these meetings are:

Dr. David G. Nathan, Children's Hospital Medical Center, Boston. Antenatal Diagnosis of Hemoglobinopathies, Dec. 19.

Dr. Clement A. Finch, Univ. of Washington School of Medicine, from Metabolism, Jan. 6.

Dr. John H. Laragh, College of Physicians and Surgeons, Columbia University, Low Renin Hypertension, Jan. 14.

Dr. Elliot Osserman, College of Physicians and Surgeons, Columbia University Dovenel Hospital, Plasma Cell and Monocyte Dyscrasias and Their Specific Protein Markers, Feb. 1.

Dr. Joan D. Wilson, Southwestern Medical School, University of Texas, A Genetic Analysis of Ankylosis and Arthropathies, Feb. 11.

Scientists' Topics Noted

Dr. Stephen Krane, Massachusetts General Hospital, Collagenase and Rheumatoid Arthritis, Feb. 11.

Dr. Richard S. Ross, School of Medicine, Johns Hopkins Hospital, Ischemic Heart Disease: Prognosis and Therapy 1974, Mar. 4.

Dr. Philip Beigelson, College of Physicians and Surgeons, Columbia University, Molecular Biology of Steroid Hormone Induction, Mar. 11.

Dr. Rosalyn S. Yalow, Veterans Administration Hospital, Bronx, N.Y., Significance of Heterogeneous Forms of ACTH, Mar. 18.

Dr. Charlotte Friend was presented the National Cancer Institute's 1974 Annual Virus Cancer Program Award for her pioneering studies of virus-induced leukemia and contributions to understanding the control of cell differentiation. She is a consultant for NCI on a virus program scientific review committee. Dr. Friend received the plaque at the recent Ninth Joint Meeting Conference of the Virus Cancer Program in Hershey, Pa.

NIAID Publishes 'Drug Allergy'

Dealing With Adverse Reactions

As more medications become available, the number of adverse drug reactions increases. Three common drugs—penicillin, sulfonamides, and aspirin—may be responsible for 80 to 90 percent of all allergic drug reactions.

These and other facts appear in *Drug Allergy,* recently published by the National Institute of Allergy and Infectious Diseases.

New Chief Discusses Complex Duties of Fire Dept.

Milton Ray Mulligan has been appointed fire chief to succeed Charles K. Keys, who retired recently. Mr. Mulligan had been deputy fire chief in the Office of Protection and Safety Management, Division of Administrative Services.

In 1949 Mr. Mulligan began his firefighting experience with the Rockville Fire Department. Later he was a volunteer fireman at NIH while working in the carpenter shop in Bldg. 15. He became a member of the first full-time Fire Department staff in 1954.

By adding vehicles in recent years, the department now has two pumper trucks, two utility trucks, and one ambulance.

Much of the department's work is disposing of chemicals and hazardous waste, last year amounting to 60 tons. The Fire Department also gives courses in emergency techniques for nurses, first aid, cardiopulmonary resuscitation, and extinguisher use.

In addition to his busy work schedule, Chief Mulligan has found time to study for an associate degree in fire science, which he is completing this semester at Montgomery College.

GWU Gives After-Hours Undergrad, Grad Classes

In Downtown Locations

More than 60 college-level courses will be offered this spring to Government employees and the general public in 31 downtown buildings through the Federal After-Hours Education Program.

The College of General Studies, George Washington University, offers undergraduate and graduate courses leading to Associate in Arts, Bachelor of Science, and Master of Science degrees.

Registration for the long spring semester and the first short session will be held in conference rooms A, B, and D (just off the lobby), Department of Commerce Bldg., 14th St. and Constitution Ave., N.W., from 10 a.m. to 3 p.m. on Jan. 8-9. Classes begin Jan. 20.

Registration for the second short spring session will be held in the lobby at 706 26th St., N.W., 10 a.m.-3 p.m., March 4.

All courses are 3 semester hours. Tuition is $67 per semester hour compared with $80 per semester hour for courses taken on the G.W.U. campus.

For further information, contact Robert W. Stewart, Jr., Field Representative, College of General Studies, G.W.U., 676-7018.

Retired NIH Librarian Dies at 92

Margaret Doonan, former librarian at NIH, died this past October in Maspalua, N.Y. Miss Doonan, who retired in 1950, had earlier been a librarian at the Public Health Service, joining NIH during World War II when the two libraries were consolidated.
Dr. Clarence Dennis
Retires; Will Accept
SUNY Surgery Post

Dr. Clarence Dennis, special assistant for technology in the Office of the Director, NII, since October 1972, is retiring from the Federal service and will become professor of surgery at the University of New York, Stony Brook.

Dr. Dennis joined the National Heart and Lung Institute staff in March 1972 to direct development of heart-assist and respiratory-assist devices and instrumentation for diagnosis and treatment of circulatory and pulmonary disorders.

Pioneered in Surgery

The eminent surgeon pioneered in the use of heart-lung machines and related techniques of cardiopulmonary assistance. He is author of more than 100 scientific papers.

Dr. Dennis received his undergraduate training at Harvard, his M.D. from Johns Hopkins, and his Ph.D. in surgery from the University of Minnesota.

Dr. Dennis has held posts as professor and chairman of the department of surgery at the SUNY Downstate Medical Center, Kings County Hospital, the State University Hospital, and St. John's Episcopal Hospital. He has served as consultant in surgery to numerous other hospitals.

During his tenure here, Dr. Dennis was also clinical professor of surgery at Georgetown University School of Medicine and emeritus professor of surgery at the SUNY Downstate Medical Center.

Dr. Dennis is president of the North American chapter of the International Society of Surgery.

Data Bank Program, which promotes world-wide exchange of cancer research information.

For further information, contact: ICORD Program Office, NCI, Bldg. 31, Room 10A38, Ext. 62713.

Dr. Margaret H. Edwards has been appointed chief of the Education Branch of NCI's Division of Cancer Research Resources and Centers.

Dr. Edwards will be responsible for planning programs and for the review and evaluation of applications for Cancer Research Resources Program grants.

This program will enable trainees in the health professions to acquire basic knowledge of the cancer process, preventive measures, and skills in diagnosis, therapy, and research.

The program also encourages medical and dental schools' departments to provide carefully designed, multidisciplinary cancer investigations.

Joined NCI in 1964

In 1964 Dr. Edwards joined NCI as executive secretary for the National Advisory Cancer Council subcommittee on diagnosis and treatment.

From 1965-73 she was program director for cancer training in the Division of Extramural Activities. In 1973 she was appointed chief of the Education and Training Branch of the Cancer Control Program.

Dr. Edwards received the Ph.D. degree from Western College, Oxford, Ohio, 1964; her M.D. from Temple University School of Medicine, 1964 and the M.P.H. from Harvard School of Public Health, 1960.

From 1952-58 Dr. Edwards was in private practice in Trenton, N.J. During this period she also served at the clinic at Woman's Medical College, Philadelphia.

During 1956-64 she held several positions with the New Jersey State Department of Health.

Study Shows Marijuana Is Least Effective Drug For Controlling Anxiety in Oral Surgery Patients

In a 2-year research program on drugs for controlling anxiety in oral surgery patients, it was shown that marijuana was the least effective of the several agents that were tested.

This research, funded by the National Institute of Dental Research, was reported by Dr. Ernest W. Small, University of North Carolina School of Dentistry, during a meeting in London of the 62nd Annual World Dental Congress of the Federation Dentaire Internationale. Dr. John M. Gregg, UNC-SD, headed the study.

Dr. Small said marijuana was ineffective in controlling anxiety in patients during surgery. He further explained that "... in low doses it actually elevated anxiety to a surprisingly high degree."

Besides low doses of marijuana, other agents used in the research project were injections of valium (a standard surgical angesic), non-active saline solution (salt water) and double doses of marijuana. The researchers used the active ingredient in marijuana (a delta 9 tetrahydrocannabinol THC) in solution. The THC solution was made available through the FDA.

Volunteer patients were selected after careful screening was completed, and the study was approved by the University of North Carolina Committee on Investigations Involving Human Subjects.

Dr. Edwards is the author of 23 scientific publications.

Georgetown U. to Give Nuclear Medicine Course

The department of physiology and biophysics and the nuclear medicine division of Georgetown University School of Medicine are sponsoring a course on Nuclear Medicine: Basic Science and Clinical Application.

The lecture series, to be held Tuesdays from 7 to 9:30 p.m., Feb. 4-May 27, will cover the fundamentals of radiation science and recent advances in clinical nuclear medicine.

Course Described

The course includes basic material related to nuclear counting, instrumentation, and radiation physics.

It may also serve as a review for applicants to the Board Examination in radiology, pathology, and nuclear medicine.

The registration deadline is Jan. 15. Contact Dr. Thomas Mitchell at (202) 625-5107 or Dr. John C. Harbert at (202) 625-7492 for further information.