

# the Record

U. S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE

June 6, 1962  
Volume XIV, No. 11

PUBLIC HEALTH SERVICE  
NATIONAL INSTITUTES OF HEALTH

## 3 Grants Total \$1.9 Million for Cancer Facilities

The Public Health Service today announced the award of three grants totaling \$1,987,222 for construction of cancer research facilities.

The largest—amounting to \$1,305,266—goes to Francis Delafield Hospital in New York City to build and equip laboratories. An award of \$463,685 to the Oklahoma Medical Research Institute in Oklahoma City will finance the construction and equipping of laboratories and clinical research facilities. Laboratories will be built at Emory University, Atlanta, Ga., at a cost of \$218,271.

### Administered by NCI

The National Cancer Institute will administer the grants, which were made upon the recommendation of the National Advisory Cancer Council to the Public Health Service. The Council is made up mainly of non-Federal scientists and persons prominent in public affairs.

The construction at Francis Delafield will provide an additional

(See FACILITIES, Page 4)

## 35 NIH Employees to Receive \$3,903 At Annual Awards Ceremony June 14

Thirty-five employees will receive cash awards totaling \$3,930 in recognition of superior accomplishment or beneficial suggestions at the Eleventh Annual NIH Awards Ceremony in the Clinical Center auditorium on Thursday, June 14.

### Dr. Whedon Designated Acting Director, NIAMD

Dr. G. Donald Whedon, Assistant Director of the National Institute of Arthritis and Metabolic Diseases, has been designated Acting Director of the Institute pending appointment of a successor to Dr. Floyd S. Daft who recently retired as NIAMD Director.



Dr. Whedon

Assistant Director of the Institute since 1956, Dr. Whedon is also Chief of the Metabolic Diseases Branch, which he has headed since 1952 when he joined the NIAMD staff.

Dr. Whedon was among those who assisted in the initial planning of program and research facilities for NIAMD's clinical investigations at the Clinical Center. In this con-

(See DR. WHEDON, Page 3)

Dr. Luther L. Terry, Surgeon General of the Public Health Service, will be the principal speaker at the mid-afternoon ceremony, scheduled to begin at 3 o'clock.

Dr. Thomas J. Kennedy, Jr., Assistant to the Director of Laboratories and Clinics, OD, and Chairman of the NIH Board on Employee Awards, will deliver the address of welcome, and Dr. Robert H. Felix, Director of the



Dr. Terry

National Institute of Mental Health, will make the presentation of awards.

The program will begin with a Presentation of the Colors by a U.S. Marine Corps color guard in

(See AWARDS, Page 4)

### Terry Calls Conference On Air Pollution

A National Conference on Air Pollution, called by Surgeon General Luther L. Terry, will be held December 10-12, at the Sheraton-Park Hotel in Washington.

With the theme "Let's Clear the Air," the conference will have three major objectives:

- to explore ways of obtaining broader application of current methods of air pollution control;
- to stimulate cooperative action by the public, industry, and all levels of government;
- to assess the status of current air pollution knowledge.

Participants in the conference will include health officials, engineers, physicians, scientists, legislators, industry spokesmen, and representatives of labor and civic organizations.

The conference will be open to the public. Additional information may be obtained from Executive Secretary, National Conference on Air Pollution, Public Health Service, Washington 25, D.C.

## Leavitt to Head Foreign Centers For Research

Dr. Martin M. Cummings, Chief of the Office of International Research, has announced the appointment of Dr. Milo David Leavitt, Jr., as head of the NIH program of International Centers for Medical Research and Training.



Dr. Leavitt

This program, authorized by Congress in 1960 and administered initially by the National Institute of Allergy and Infectious Diseases, will become part of the Office of International Research on July 1.

Under the program U.S. university medical schools were awarded Public Health Service grants to establish international research centers here and abroad, in cooperation with foreign medical institutions.

### Studies at Harvard

Dr. Leavitt has served as Assistant Chief of the Perinatal Research Branch, National Institute of Neurological Diseases and Blindness, since October 1960. He came to NIH in 1959 after receiving his M.P.H. degree from Harvard University's School of Public Health. From 1949 to 1958 he was on the faculty of the Woman's Medical College of Pennsylvania as Clinical Assistant Professor of Medicine.

A native of Beloit, Wis., Dr. Leavitt attended the University of Wisconsin (B.A. degree, 1938), the University of Pennsylvania (M.D., 1940), and the University of Minnesota (M.Sci., 1948). During World War II he served as a captain in the U.S. Army Medical Corps and later was a fellow in internal medicine at the Mayo Clinic in Rochester, Minn.

Outlining the purpose of the international center program, Dr. Cummings said it offers Ameri-

(See DR. LEAVITT, Page 4)

## 83 Works Entered in NIH Art Exhibit; Winners Are Selected in 4 Categories

The Fourth Annual NIH Art Exhibit, sponsored by the Recreation and Welfare Association of NIH, will continue on display in both bays of the Clinical Center Lobby through June 10. The award-winning entries will then be moved to the lobby of Building 31 for display through the remainder of this month.

Entries were divided into four general categories—oil paintings, graphic media (watercolors, tempera, pastels), other graphics (prints and drawings) and sculpture. Cash prizes and honorable mentions were awarded in each category.

Judges of the entries were Dr. Grose Evans, Curator of the Index of American Design, National Gallery of Art; Jack Perlmutter, Washington artist and Fulbright professor; Frieda Sohn, sculptress and a staff member of the Baltimore Museum of Art and of Goucher College.

They evaluated 152 entries in selecting the 83 works included in the display.

Jennie Lea Knight, Laboratory of Psychology, NIMH, received the first prize of \$40 for oil paintings for her expressionistic abstract, "Altar Piece." Second prize of \$20 went to Anita Wertheim, also of NIMH, for her scene, "Market Place."

Four honorable mentions in oils were awarded to June Olson, wife of Dr. Rodney Olson, Laboratory of Physical Biology, NIAMD; Julius Rosen, Clinical Research Cen-

(See ART EXHIBIT, Page 3)

# the NIH Record

Published bi-weekly at Bethesda, Md., by the Public Information Section, Office of Research Information, for the information of employees of the National Institutes of Health, principal research center of the Public Health Service, U. S. Department of Health, Education, and Welfare.

Editor ..... E. K. Stabler

## Staff Correspondents

Betty Slattery, NCI; Tony Anastasi, NHI; Kathryn Mains, NIAID; Mary Henley, NIAMD; Marie Norris, NIDR; Lillie Bailey, NIMH; Pat MacPherson, NINDB; Elsie Fahrenthold, CC; Faye Hell, DBS; Corinne Graves, DGMS; Dick Turlington, DRG; Jean Torgerson, DRS.

## CC Taking Applications For Training Course In X-ray Technology

The Director of the Clinical Center has announced that applications from young men and women who wish to join the second NIH training course in X-ray technology are now being accepted. The new course will start in mid-September.

The first course began in March 1961. Its trainees will be graduated in March 1963. All have done well in their studies, according to the staff of the Diagnostic X-ray Department, and all are enthusiastic about their work.

### Group Carefully Selected

The 2-year training course is designed to prepare a small, carefully selected group of young men and women for careers in X-ray technology. Under the instruction of the Chief of the Diagnostic X-ray Department and his staff, trainees participate in a comprehensive course embracing all phases of medical radiography.

When trainees are not receiving classroom instruction, they are assigned to on-the-job training in the X-ray Department. Five hours daily are spent in the practical application of the subjects studied.

### Receive Certificates

Upon completion of the course, the trainees will be awarded graduation certificates by NIH and will qualify for the examination administered by the American Registry of X-ray Technicians. Passing this examination will enable the technologist to attain membership in the American Society of X-ray Technicians.

In addition to the opportunity to study and work with top-rated medical radiologists, first-year trainees receive \$116 per month and second-year trainees \$133 per month. Uniforms are furnished and laundered without charge.

Applicants must meet certain

## NIH Scientists Featured On Weekly Radio Series

In an interview on radio station WOOK last Saturday, Dr. Albert Sjoerdsma, Chief of the National Heart Institute's Experimental Therapeutics Branch, discussed the various aspects of high blood pressure.

Sponsored by the American Veterans Committee, the "Citizens First" weekly series has recently been featuring NIH personalities once a month.

Dr. Sjoerdsma mentioned that much progress has been made in experimentation with anti-hypertensive drugs over the past 12 years. He also advised that persons over 30 years old should have blood pressure checkups annually.

### Authority on Tumors

An authority on "secreting" tumors, Dr. Sjoerdsma has successfully used enzyme-inhibiting compounds as an approach to the development of drugs that effectively lower blood pressure. He has been a senior investigator at NHI since July 1953.

Other NIH staff who have appeared on the program are Dr. Eli Nadel, Chief of the Diagnostic Research Branch, NCI; Dr. Anderson Spickard, Chief Resident Physician, NIAID; Morris C. Leikind, Scientist Administrator, Office of Research Accomplishments, DRG; and Dr. David Scott, Chief of the Laboratory of Histology and Pathology, NIDR.

basic requirements. They must be 18 to 30 years of age, United States citizens, and high school graduates. They must pass an aptitude test and a physical examination. Courses completed in physics, chemistry, biology, algebra, and geometry will prove helpful to applicants.

Applications for X-ray Technologist Trainee should be made on Standard Form 57, "Application for Federal Employment," and directed to the Employment Officer, NIH, Bldg. 1, Rm. 21.

## Dr. Willoughby Lathem Is NIH Representative In London, England

Dr. Willoughby Lathem, Associate Professor of Medicine, University of Pittsburgh, is the newly appointed representative of the National Institutes of Health in London, the Office of International



Dr. Lathem

Research announced. Dr. Lathem will be attached to NIH's European Office, established in Paris last December, and will be stationed at the American Embassy in London. He will represent NIH in negotiations with British and international organizations engaged in medical research, collect information on medical research potential and needs, advise NIH grantees, and assist NIH advisory groups by conducting site visits to British institutions proposing research projects for NIH support.

### Has Teaching Background

Before joining the University of Pittsburgh in 1956, Dr. Lathem served on the faculties of Yale and Columbia Universities. He has also been a staff member of the Presbyterian-Woman's Hospital in Pittsburgh, the Veterans Administration Hospital and Grace-New Haven Hospital in New Haven, Conn., and the Presbyterian Hospital in New York City.

### Serves in Germany

A native of Atlanta, Ga., he received his B.S. and M.D. degrees from Emory University. He served with the Army Medical Corps in Germany from 1948 to 1950.

The author of more than 30 scientific papers, he is considered an authority in the field of renal physiology and electrolyte transport. Dr. Lathem attended the 1st International Congress of Nephrology at Evian, France, in 1960 on a travel fellowship sponsored by the Public Health Service and the American Society for Clinical Investigation.

## Drs. Kotin, Falk Named Branch, Section Chiefs In Cancer Institute

Dr. Paul Kotin of the University of Southern California's School of Medicine, Los Angeles, a specialist in research on the causation of cancer, has been appointed Chief of the National Cancer Institute's Carcinogenesis Studies Branch, and Dr. Hans L. Falk, an associate of Dr. Kotin's at USC, has been named Head of the Branch's Chemistry Section.



Dr. Kotin

Both men will assume their new duties here tomorrow.

The Carcinogenesis Studies Branch was established last year to coordinate and conduct comprehensive research on cancer hazards in man's environment.

An important aspect of this research is the development of methods of testing carcinogenic agents and determining whether a minimum cancer-causing dosage level exists for such agents both in animals and human beings.

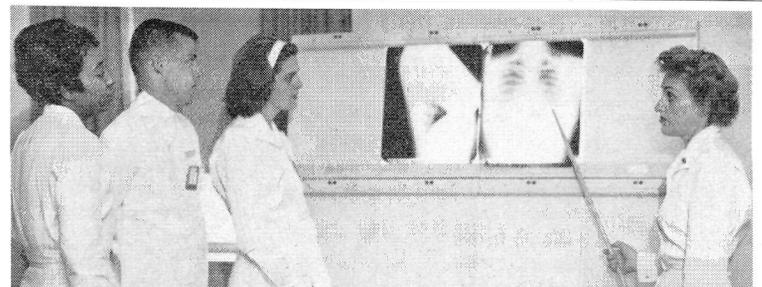
### Importance Recognized

The program of the Carcinogenesis Studies Branch is a part of the Institute's field studies which were regrouped in 1960 under the direction of Dr. Michael B. Shimkin, Associate Director for Field Studies. This action reflected Institute recognition of the importance of central responsibility for mounting a broad attack on the natural occurrence of cancer in human and animal population.

"Dr. Kotin is uniquely qualified to assume the responsibilities of Chief of the Carcinogenesis Studies Branch," Dr. Shimkin said. "We are fortunate that a scientist of his ability is available to direct this program."

Dr. Kotin has served as a special consultant to several groups whose activities are related to his research interest. Among these are the Air Pollution Medical Program, Division of Special Health

(See DR. KOTIN, Page 4)



Registered Technician Marjorie Holt (right) discusses technical considerations in radiographing the chest, with trainees (left to right) Betty Williams, Jack Hilton, and Jessica Wright.—Photo by Ed Hubbard.

## DR. WHEDON

(Continued from Page 1)

nection, he directed construction of NIAMD's Metabolic Chamber for indirect calorimetry of human total energy metabolism, which uses continuous flow analyzers in studies of obesity and of environmental and exercise physiology.

Dr. Whedon is well known for his work on disorders of calcium metabolism, including recent findings on the value of a high calcium diet in osteoporosis. This bone-thinning condition affects a large percentage of women past the menopause and is marked by an excessive reduction in bone mineral, principally in the spine.

From radioactive and metabolic balance studies of this disease, Dr. Whedon and associates have found that diminished availability of calcium and increased resorption of bone lead to depletion of calcium stores of the skeletal system. They have also found that restorage of mineral can be significantly assisted by administration of large amounts of calcium in the diet of patients with osteoporosis.

### Exhibit Cited

An exhibit on the results of these studies was awarded an honorable mention at last year's meeting of the AMA in New York, where it was shown for the first time.

From 1959-1961 Dr. Whedon worked with the Division of General Medical Sciences in organizing its program in support of multicategorical Clinical Research Centers in leading medical institutions throughout the country.

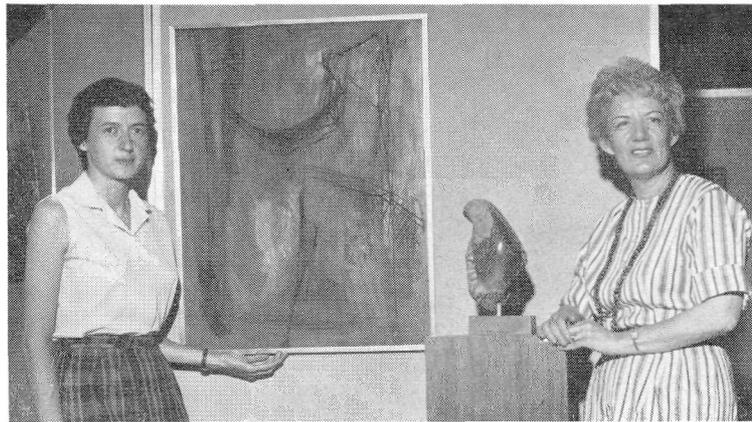
In 1960 he was named NIAMD representative on an NIH Task Force appointed to examine the problems and advantages of off-site research installations, proposed as part of the NIH intramural program. With other Task Force members, Dr. Whedon drew up recommendations for establishing future installations to meet the specific research needs of individual Institutes.

## Dental Society Honors Dr. F. Earle Lyman

Dr. F. Earle Lyman, Assistant Director, NIDR, recently was awarded honorary membership in the Eta Eta Chapter of the Omicron Kappa Upsilon Honor Dental Society, School of Dentistry of St. Louis University.

Dr. Lyman served as Chief of the Institute's Extramural Programs Branch from 1956 to August 1961 when he was appointed Assistant Director.

A member of the PHS Commissioned Corps since 1943, he received a Ph.D. degree in 1940 from the University of Michigan.



Two of the artists who contributed to the R&W-sponsored NIH Art Exhibit are pictured with their prize-winning entries. Jennie Lea Knight, NIMH (left), stands by her expressionistic abstract, "Altar Piece," which won first prize in oils, and Saide Fishman, also of NIMH, displays her first-prize stone sculpture of a bird form, "The Shy One." The exhibit is on display in the Clinical Center lobby through June 10. From June 11 through the end of the month, the award-winning entries will be exhibited in the lobby of Building 31.—Photo by Sam Silverman.

## ART EXHIBIT

(Continued from Page 1)

ters Branch, DGMS; Carol Summers, wife of Dr. Donald Summers, Laboratory of Infectious Diseases, NIAID; and Adele Wynne, wife of Dr. Lyman Wynne, Chief of the Adult Psychiatry Branch, NIMH.

In the graphic media division, Michael Murtaugh, son of Joseph S. Murtagh, Chief of the Office of Program Planning, OD, was awarded the first prize of \$40 for his water color, "Harbor Scene." Mildred Henschel, wife of Richard Henschel, Executive Officer, NHI, received the second cash award of \$20 for her watercolor, "Spring." One honorable mention in this category went to Ron Winterrowd, Medical Arts and Photography Branch, DRS.

### Etching Is Winner

There was no first award in prints and drawings. Inez Demonet, of the Medical Arts and Photography Branch, DRS, won second prize of \$20 for her etching, "Sanctuary I." Honorable mentions were won by Patricia Anne Kenny, Laboratory of Neurobiology, NIMH, and Martin Ries, New York artist and brother of James Ries, Technical Development, NIMH.

First prize and \$40 for her sculpture in Maryland green stone of a bird form, "The Shy One," was won by Saide Fishman, Clinical Investigations, NIMH. Dr. James Stabeneau, Laboratory of Clinical Science, NIMH, won second prize of \$20 for his wood carving, "Fish." Honorable mentions in this category were awarded to Miss Fishman and Miss Knight.

The exhibit is open daily to the public from 9 a.m. to 9 p.m., and will be on display from 8:30 a.m. to 5 p.m. when moved to Building 31.

## Career Opportunities In Psychiatry Stressed At NIMH Conference

A group of 41 Mental Health Career Development Officers, meeting in their first conference at the National Institute of Mental Health, May 23-24, heard Dr. Arnold Kurlander predict that they will be the leaders in U. S. Public Health Service mental health work in 1975.

Dr. Kurlander, Assistant U. S. Surgeon General for Operations, told the officers—now in the initial stages of an 8-year career development program in Public Health Service psychiatry—that theirs will be the responsibility for "the planning and thinking that will form the basis of mental health programs extending well into the next century."

### Program Praised

The officers, in residency training under the development program at many points across the country, also heard Dr. Robert H. Felix, NIMH Director, express his enthusiasm for the future of psychiatry generally and for the career development program particularly.

A panel of 12 speakers described psychiatric career opportunities in a number of the Public Health Service's bureaus and divisions.

Rounding out the conference were an executive session, a scientific session, tours of Public Health Service facilities, and a reception.

Annual conferences are planned under the program, headed by Dr. Stanley F. Yolles, Associate Director, Extramural Programs, NIMH.

## Dr. Warren Will Serve Two-Year Appointment At Brazilian University

Dr. Kenneth S. Warren of NIAID's Laboratory of Parasitic Diseases left recently for Brazil to serve a 2-year appointment as Visiting Professor of Medicine on the staff of the University of Bahia. He will initiate a research program on the pathologic physiology of hepatosplenic schistosomiasis in man.

Grady V. Bryant, research technician in the Laboratory of Parasitic Diseases, will join Dr. Warren in Bahia in July.



Dr. Warren

Schistosomiasis is a snail-borne infection afflicting an estimated 150 million people. It ranks next to malaria in worldwide importance and is the subject of much present-day research interest since modern irrigation schemes and new dams may be causing the disease to spread into areas where it has not previously been known.

Some of Dr. Warren's specific concerns will be clinical studies of patients with such manifestations of schistosomiasis as anemia and hepatic coma. He will investigate the possible relationship between ammonia toxicity and coma.

### Financing Explained

This research will be financed primarily by PL 480 funds, with some expenses borne by the Laboratory of Parasitic Diseases to which Dr. Warren will return at the end of his present assignment.

For many years that Laboratory and its antecedent, the Laboratory of Tropical Diseases, has maintained an active research program in many aspects of schistosomiasis.

Scientists of that Laboratory were instrumental in establishing the efficacy of sodium pentachlorophenate as a snail-killing agent. They have done considerable work on the relation of nutrition to the efficacy of chemotherapeutic agents against the adult worms that cause the disease, and on the pathology of the disease.

Various staff members have served on WHO expert committees on schistosomiasis and have traveled to Egypt, Iran, Brazil and other countries to study snail ecology as it pertains to the problem of schistosomiasis.

Attempting to autoclave cellulose nitrate centrifuge tubes may cause an explosion. Heating in an oven can cause their ignition and spread deadly oxides of nitrogen.—Plant Safety Branch.



These on-stage and behind-the-scenes pictures of the R&W Hamsters' production of "Li'l Abner" convey some impression of the vigor and intensity of the cast that played to capacity audiences during the four public performances in the Clinical Center auditorium, May 24-27. At left, the five wives, played by (from left) Janet Ginberg, Ann Meadows, Dottie Mathis, Verece Silverman, and Carol Long, demand in the song, "Put 'Em Back,"



that Dr. Rassmussen T. Finsdale, played by Mike Epstein (seated), restore their husbands to their former affectionate selves. Typical of scenes in the crowded dressing rooms is the picture at right, with four cast members sharing a mirror to apply make-up. From left: Anita Ash who played Daisy Mae, Dottie Mathis, Bess Grabiner, and Lois Ward.—Photos by Bob Pumphrey.

## FACILITIES

(Continued from Page 1)

17,760 square feet of space at the 300-bed cancer research hospital, enabling the staff of the Medical Cancer Research Department to expand investigations in the increasingly important area of viruses and cancer, in biochemical genetics, metabolism of cancer cells and tissues, endocrinology and chemotherapy in human cancer, and related problems.

The hospital was erected by the City of New York on ground provided by Columbia Presbyterian Medical Center. The Center provides the hospital's professional staff whose members within the past ten years have developed an extensive program of laboratory and clinical research on cancer. Screening of substances to determine their possible value as anti-tumor compounds, and studies of the mechanism of drug action have been among their major efforts in laboratory research.

### Permits Expansion

The grant to Emory University will add a new floor of 3,584 square feet to a wing of the Woodruff Memorial Research Building. The additional facilities will permit expansion of current research to include fundamental studies of the effect of various drugs on the structure of the cell, and virus studies utilizing tissue culture as a laboratory tool.

The University's present cancer research program includes studies on the basic nature of cancer, the relationship between viruses and cancer, and on drugs for treating leukemia.

The award to the Oklahoma Medical Research Institute will add 8,800 square feet to the 1,650 square feet now allocated for can-

cer scientists unusual research opportunities overseas for the study of diseases of mutual interest to the host country and the United States.

In addition, he said, research training available at the centers will contribute to strengthening the world supply of qualified investigators in the health sciences.

Last year international center grants were awarded to five universities. Among these was Tulane University's School of Medicine in New Orleans, La., whose scientists are presently collaborating with the Universidad del Valle in Cali, Colombia.

Grants were also made to the following institutions for collaboration with their foreign affiliates: University of California—Institute for Medical Research, Kuala Lumpur, Malaya; Johns Hopkins University—School of Tropical Medicine, Calcutta, India; University of Maryland—Institute of Hygiene, Lahore, West Pakistan; and Louisiana State University—University of Costa Rica, San Jose, C. R.

cer research, providing for research beds in addition to laboratories.

The Oklahoma Medical Research Institute was founded in 1946 for both research and training in the medical sciences. Its main building adjoins the University of Oklahoma School of Medicine and Hospitals, allowing use of hospital facilities in the research program.

The Institute has a Cancer Research Section whose staff has been investigating the mechanism of action of various drugs that alter the growth of normal and cancerous tissues, and factors governing mineral exchange in bone.

## DR. LEAVITT

(Continued from Page 1)

## DR. KOTIN

(Continued from Page 2)

Services, USPHS; the Scientific Advisory Board to the Tobacco Industry Research Committee; and the Advisory Committee to The Citizens' Smog Committee, Los Angeles, Calif.

As a member of the Committee for Research on Factors in Carcinogenesis, International Union Against Cancer, Dr. Kotin is presently serving as Chairman of its Subcommittee for the Role of Chemical Carcinogenic Agents Present in Air Pollution.

A 1939 graduate of the University of Illinois Medical School, Dr. Kotin has been a member of the University of Southern California faculty since 1951 and has published over 60 papers on studies in experimental carcinogenesis.

Dr. Falk, a native of Germany, received his Ph.D. degree in biochemistry in 1947 from McGill University, Montreal, Canada.

He has had extensive experience in cancer research and has collaborated with Dr. Kotin in many studies of carcinogenic agents.

## AWARDS

(Continued from Page 1)

observance of Flag Day, on which the ceremony falls. The 40-piece NIH orchestra will provide music for the occasion.

The incentive awards will be distributed as follows. Nine individuals and four groups will receive awards for Sustained Superior Work Performance; three individuals and one group will receive Special Act or Service awards; and five individuals and one group will receive Beneficial Suggestion awards.

In addition, 176 employees will receive length-of-service certificates and lapel pins, 155 of them

## Night Club Atmosphere, Hula Dancers Entertain CC Patients June 14

Clinical Center patients are looking forward to a gala evening on June 14 when a special Hawaiian Night program will be presented for them, their families and friends in the 14th floor assembly hall, to be transformed into "Club CC."

It will have an authentic night club atmosphere, including a floor show with Hawaiian music and hula dancers. Table reservations may be made in advance by the patients; waiters will serve refreshments in accordance with a printed menu, and hostesses will see that everyone has fun.

The U. S. Marine Combo will provide music for dancing.

Talent for the floor show will be furnished through the courtesy of two schools in the area: the Kaleleonalani Dance Studio, Bethesda; and the Doris Patterson Dance School, Washington, D. C.

The patients will assist staff members of the CC Patient Activities Section in decorating the Club.

Hawaiian Night will be the second time Club CC has opened its doors for night club type entertainment for the patients. The first venture, on May 3, was a pronounced success.

for completion of 20 years' service and 21 for 30 years.

Awards for 10 years' service will be presented to 376 employees at ceremonies to be held later in the various Institutes and Divisions. Names of recipients of all awards, including 458 members of the "Thousand-Hour Sick Leave Club," will be included in the printed program.