

# the NIH Record

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

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NATIONAL INSTITUTES OF HEALTH  
PUBLIC HEALTH SERVICE

## Dr. Francis A. Arnold Jr. Dies After Brief Illness

Dr. Francis A. Arnold, Jr., 57, internationally known dental researcher and fluoridation pioneer, died December 1 after a brief illness.



Dr. Francis A. Arnold, Jr., former Director of NIDR and former Chief Dental Officer, PHS.

ness at the Public Health Service Hospital at San Francisco.

Dr. Arnold had gone to California to join the faculty of the School of Dentistry, University of the Pacific, as coordinator of research, following his retirement last September as chief dental officer and assistant surgeon general of the U. S. Public Health Service. Prior to this position, which he held for approximately 2 years, he had served for 12 years as Director

(See DR. ARNOLD, Page 6)

## Questions on Parking Answered—Decals, Handbook to Be Distributed in January

With 98% of the vehicle registration cards returned, NIH parking officials have announced that the new parking decals and the new parking plan booklets are scheduled for distribution in early January.

Aside from the returned cards, several employees were interested enough to offer constructive suggestions, which are being reviewed by the parking committee. More are welcome.

Following is a list of questions and answers pertaining to the new NIH parking system:

Q. I wrote a note on my registration card—did you see it? Will I get an answer?

A. No, we did not see it so you will not get an answer. The Parking and Permit Assignment Unit (PPAU) will, however, be glad to answer your questions (after January 1, 1968).

Q. Why do we have to have a controlled parking system?

A. To assign parking on an equitable basis; so as to limit inconvenience, provide visitor and other specialized parking, and to have an efficient enforcement system.

Q. I missed registration—what do I do now?

Q. I entered my operator's permit number instead of my license plate number on the Vehicle Registration Card. What do I do?

Q. I did not enter my license plate number on the Vehicle Registration Card—what do I do?

A. Take your registration card (state ownership) to Room 1001, Bldg. 12A, and register your vehicle.

Q. Two of us driving the same car and working in different buildings registered the same car. Will

### Dr. Ebert to Give NIH Lecture Dec. 13 at CC

Dr. James D. Ebert, Director of the Department of Embryology, Carnegie Institution of Washington, will give the next NIH Lecture tomorrow (December 13) at 8:15 p.m. in the Clinical Center auditorium.

Dr. Ebert will speak on "Developmental Biology: The Richness of New Opportunity."

we get two sets of bumper stickers, can we display both these sets, and park in either assigned zone?

A. You may inadvertently receive two sets of bumper stickers, but you

(See PARKING, Page 4)

## Dr. Steinberg Elected Chairman, AHA Council On Arteriosclerosis

Dr. Daniel Steinberg, Chief of the Laboratory of Metabolism, National Heart Institute, has been elected chairman of the Council on Arteriosclerosis of the American Heart Association.

As chairman, Dr. Steinberg will head the group in planning policy, research, and community medical programs related to arteriosclerosis. This year the Council will begin a new diet program, to determine the best possible dietary regimen for patients with arteriosclerosis and to recommend this diet to physicians for their patients.

Dr. Steinberg will serve as chairman of the Council, one of seven councils of the American Heart Association, for 2 years ending in

(See DR. STEINBERG, Page 5)

## Holiday Spirit Pervades CC; Traditional Festivities Planned Dec. 15 Through Jan. 1

By Sandra Silk

NIH Information Trainee

The halls of the Clinical Center will be aglitter this week as the holiday season commences at NIH. Spirits promise to brim with good cheer during the many festive and religious events planned to combine Christmas and Hannukah.

This is the first year these two holiday seasons have been celebrated together at the Clinical Center.

After trimming trees and decorating their units Friday afternoon, December 15, patients will have a chance to catch up on holi-

(See HOLIDAY, Page 4)

### NIH Record Takes a Holiday— Next Issue Set for January 9

As in former years, only one issue of the NIH Record is published in December. With it go happy holiday wishes to all our readers.

The next Record will be off the press January 9.



GAILY DECORATED CHRISTMAS TREES will soon be springing up in the lobbies of Bldgs. 1 and 31 and in Wilson Hall. This year, as in the past, the trees will be set up by Daniel Kenney, OD, OSB (right), assisted by volunteers. Shown with Mr. Kenney is Patricia D. Tevis, OD, who helped hang tinsel last year.—Photo by Ed Hubbard.

# the NIH Record

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The NIH Record reserves the right to make corrections, changes or deletions in submitted copy in conformity with the policy of the paper and the Department of Health, Education, and Welfare.

## NEWS from PERSONNEL

### SNOW DAYS

This is the season of extreme weather conditions which may result in early dismissals of NIH employees or the temporary closing of portions of NIH.

Because of its responsibility for the care of patients and for the protection of experimental work in progress, NIH can never completely close.

Consequently, Institute/Division directors designate those activities which must continue regardless of inclement weather. Neither early dismissals nor the temporary closing of NIH apply to employees considered "essential."

Such employees are to report for work in spite of radio and television announcements to the contrary. If an employee is not certain whether he is "essential," he should check with his supervisor.

### SURVIVOR BENEFITS UNDER C. S. RETIREMENT SYSTEM

Employees covered by the Civil Service Retirement System frequently ask about the types of survivor benefits payable in the event of their death. Generally, an employee's survivors may be eligible for either a monthly annuity or a lump sum benefit dependent upon his years of service and the relationship which his survivors bear to him at the time of his death.

### MONTHLY ANNUITY

If an employee has had at least 5 years of civilian service and dies while employed in a position subject to the Retirement Act, the widow (and in some cases, the widower) and children under age 18 receive a monthly survivor annuity

providing they meet certain conditions.

To be eligible for the annuity, a widow or widower must have been married to the employee at least 2 years prior to the employee's death or, if married less than 2 years, is the mother or father of a child born of the marriage.

Additionally, a widower must be incapable of self support and must have received more than one-half of his support from the deceased employee.

An unmarried child over age 18 may also be eligible to receive an annuity if he is either under age 22 and a full-time student at a recognized educational institution or is incapable of self support due to mental or physical disability which began before age 18.

### LUMP SUM PAYMENT

If an employee, at the time of his death, has had less than 5 years of civilian service, or had completed 5 years but leaves no widow (or widower) or children who are eligible for a survivor benefit, his beneficiary is eligible to receive a lump sum benefit.

This consists of the total amount paid into the civil service retirement fund by the employee plus any accrued interest. No lump sum benefit may be paid while the widow, or widower, or children are eligible for a survivor annuity.

Employees should consult their I/D personnel office for more detailed information regarding survivor benefits or other aspects of the Civil Service Retirement System.

### CHANGES IN HEALTH PLANS

Many of the health benefit plans will be making minor benefit changes for the contract term which begins in January 1968. At the same time, some plans will in-

## 'The Miraculous Pool,' Documentary Film On NIH, to Be Shown at CC on Dec. 14



On location outside the Clinical Center, participants in the filming of "The Miraculous Pool," discuss a shot for one of the opening scenes. Director-producer William J. Ganz (in overcoat) explains the action to Delia Ganley, daughter of Mrs. Gladys Ganley of the NIAID Information staff. The 28-minute film on NIH research activities, focusing on vaccine development, was made with the cooperation of the NIAID laboratories and staff and the Clinical Center.—Photo by Roy Perry.

"The Miraculous Pool," a documentary film on the work of NIH which focuses on the development of a vaccine against parainfluenza viruses, will be shown twice on Thursday, December 14 in the Clinical Center auditorium.

Showings are scheduled for 11:30 a.m. and 12:15 p.m.

The 28-minute film, produced by the Institute of Visual Communication, Scarsdale, N. Y., compares NIH's symbolic pool at Bethesda with that of Bethesda in the Holy Land. It introduces some of the clinical facilities, then demonstrates laboratory techniques, safety procedures, and final testing in the development of a vaccine against parainfluenza viruses 1, 2, and 3. Key staff members of NIAID are featured, as are personnel and patients at Children's Hospital, Washington, D. C.

### Premiere Held in D.C.

Sponsor of the film, made at NIH during the past year, is Becton Dickinson Foundation, a philanthropic organization supported by officials of Becton, Dickinson and Company, Rutherford, N. J.

On November 20 the premiere of the film was held in Washington, attended by members of Congress, the NIAID Advisory Council, DHEW and PHS officials, and science writers in the Washington area.

next open season for changing enrollment, one will be held no later than November 14, 1969. Employees will be notified as soon as the next open season is announced.

### Civil Defense Warning Siren Test Scheduled December 13

The next Civil Defense warning siren test, held the second Wednesday of every month, is scheduled for December 13 at 11 a.m. in the Washington Metropolitan area.

The siren at NIH, mounted on the roof of the Clinical Center, will sound a rising and falling tone for 90 seconds.

crease their premiums primarily to meet increasing costs of hospital and medical care and, in some plans, to provide needed improvement in benefits.

A Civil Service Commission pamphlet entitled "Information About Plan Changes Effective January 1968" will soon be distributed to all employees. Each employee should check the information in the pamphlet to see if there are any changes in the plan in which he is enrolled.

All premium charges will be effective for the pay period beginning January 14, 1968 and will be deducted from pay checks received February 6, 1968.

Employees cannot change their enrollment at this time. Although the CSC has not yet scheduled the

## Dr. Weinhouse Named To EHS Advisory Com.

Announcement is made of the appointment of Dr. Sidney Weinhouse to a 4-year term as a member of the Environmental Health Sciences Advisory Committee.

The Committee is responsible for evaluating and making recommendations to the Surgeon General on research and research training grant applications that have been assigned to the new Division of Environmental Health Sciences. It also advises on the Division's intramural program as well as on general program and policy issues.

Dr. Weinhouse is the Director, Fels Research Institute, and Professor of Biochemistry, School of Medicine, Temple University.

### Members Listed

The Committee, which had its first meeting on June 2, 1967, consists of the following other members: Dr. A. J. Haagen-Smit, Professor, Division of Biology, California Institute of Technology; Dr. Paul B. Hammond, Professor, College of Veterinary Medicine, University of Minnesota; Dr. Warren G. Hoag, Director, Center for Laboratory Animal Resources, Michigan State University.

Also, Dr. George B. Hutchinson, Department of Radiation Therapy, Michael Reese Hospital and Medical Center, Chicago, Illinois; Dr. Robert C. Mellors, Professor of Pathology, The Hospital for Special Surgery; Dr. David Minard, Professor and Chairman, Department of Occupational Health, Graduate School of Public Health, University of Pittsburgh; Dr. Norton Nelson, Director, Institute of Environmental Medicine, New York University Medical Center; and Dr. David Pimentel, Head, Department of Entomology and Limnology, Cornell University.

## Three Doctors Appointed To NCI Advisory Council

Three new appointments to the National Advisory Cancer Council were announced recently by Surg. Gen. William H. Stewart.

The appointees are Dr. Sidney Farber, Professor of Pathology, Harvard Medical School at the Children's Hospital, and Director of Research at Children's Cancer Research Foundation, Boston; Dr. Juan A. del Regato, Director of Penrose Cancer Hospital, Colorado Springs, and Clinical Professor of Radiology at the University of Colorado School of Medicine; and Dr. Paul Talalay, Professor and Director of the Department of Pharmacology and Experimental Therapeutics, Johns Hopkins University School of Medicine, Baltimore. Each appointment is for a 4-year term starting October 1, 1967.

## DRG Study Sections Stimulate Interest In Neuroanatomy Through New Program

By Marian Oakleaf

The primary role of NIH study sections is to evaluate research grant applications for scientific merit. However, study sections have other responsibilities—including determination of research needs and deficiencies in the biomedical sciences.

### Radio Club Invites All NIH Licensed Operators to Join

Licensed amateur radio operators, who are NIH employees, are invited to join NIH-RAC, the NIH Radio Amateur Club.

Members serve as volunteer radio operators, and also maintain regular communications with other NIH activities in many parts of the world.

Extensive communications equipment is available for use of club members. This equipment is also utilized for worldwide emergency communications when needed.

Interested individuals may call Nate Coffey, President, Ext. 61221, or attend the regular monthly meeting on the first Tuesday of each month at 12 noon in the Communications Room, Bldg. 10, Rm. B2N104.

## Hilda Wexler of NCI Gets Bartelt Award

Hilda Wexler, a biologist in the Surgery Branch, National Cancer Institute, was presented the Edward F. Bartelt Award for devoted volunteer participation in the cause of cancer control, at the semi-annual meeting of the American Cancer Society, District of Columbia Division, Board of Trustees, in November.



Hilda Wexler

Established in 1962, in memory of Mr. Bartelt, former Assistant Fiscal Secretary of the Treasury, the award is made annually for distinguished service by a Federal employee in Washington.

### Active as Volunteer

Miss Wexler is the first woman to receive this award.

Miss Wexler, who has been a volunteer with the Cancer Society for more than 15 years, has served as a trustee and has been active in various programs within the Society, including public education, cancer services, and fund raising.

Miss Wexler is a graduate of New York University where she received her B.A. She did post-graduate work in Biology at Columbia University and received her M.A. in Biology at George Washington University.

Study section effectiveness in stimulating research and teaching in neglected areas is illustrated by the efforts of Neurology A and B Study Sections.

A serious situation in the field of neuroanatomy developed over the past decade because of a deterioration of interest in the structure of the nervous system and the persistent diminution of the number of neuroanatomists in the United States.

### Status Discussed

The problem was discussed in depth during a neurology workshop sponsored by the two study sections in the late fall of 1962 in New York City. It was acknowledged by participants that the decline in the status of neuroanatomy as a course in medical schools and the serious loss of potential resources for future teachers and research workers was a problem that could adversely affect the entire spectrum of the neurological sciences and that the problem warranted the immediate attention of the study sections.

Throughout 1963 a Steering Committee for Neuroanatomy (created by the neurology study sections) conducted an intensive study of the problems facing the neurological sciences. As a result, recommendations were made to establish a Visiting Scientist Program and a Regional Workshop Program.

### Program Described

A preliminary survey conducted during the summer of 1963 of about 100 colleges having 2,000 enrollments or less brought forth replies from 70, 90 percent of which accepted invitations to participate in the program.

The Neuroanatomy Visiting Science Program is organized on a regional basis with six geographical regions, each under the direct supervision of a regional director—an established anatomist—with overall administrative and scientific responsibilities which include the selection of participating colleges, selection and invitation of visiting scientists, and active participation in the visits and programs in his region.

Overall direction and administration of the program has come from Dr. Clement Fox, Wayne State University School of Medicine.

Since its inception in January 1964 the program has been sup-

(See *STUDY SECTIONS*, Page 7)

## Dr. Kalberer Appointed To NCI as Special Asst. To Associate Director

Dr. John T. Kalberer, Jr. has been appointed a special assistant in the office of the associate director for Extramural Activities, National Cancer Institute.



Dr. Kalberer

Dr. Kalberer recently completed a year of intensive training in science administration as a Grants Associate.

In his new position Dr. Kalberer will be concerned with evaluation, assessment, and revision of program policies and with continuing liaison with the various Extramural Activities areas. As a representative of the associate director, Dr. J. Palmer Saunders, he will conduct surveys and prepare analytical reports as they relate to the interests and needs of the extramural program of the Institute.

### Honored by N.Y.U.

Dr. Kalberer, a physiologist, was recently given a New York University Founder's Day Award for high scholastic achievement. He has done most of his research in the area of hyperbaric physiology, especially as it relates to the release of vasoactive substances. Recently his interest in hyperbaric medicine extended to biomedical problems of living under the sea, about which he is writing a monograph.

Dr. Kalberer received the bachelor of arts degree from Adelphi University in 1956 and Master of University in 1956 and master of science degree from Creighton University in 1957. He received the Ph.D. degree from New York University in 1966. From 1958 to 1966 Dr. Kalberer served as a Research Assistant at Beth Israel Medical Center, New York City.

## 'Naughty Marietta' Set For Dec. 16-17 at CC

"Naughty Marietta," the musical classic starring Jeanette McDonald and Nelson Eddy, will be shown in the Clinical Center auditorium Saturday, December 16 at 8 p. m. and Sunday, December 17 at 7 p. m.

The first presentation of the 1967-1968 R&W Film Festival, "Naughty Marietta" is open to NIH R&W members and their families, and to CC patients and their guests.

Other movie greats that will be featured in the Film Festival are "Dr. Strangelove," January 20-21; "King Solomon's Mines," February 17-18; "To Die in Madrid," March 23-24; and "David Copperfield," April 20-21.

## Dr. Chen Named to NIH Grants Associates Prog.

Dr. Philip S. Chen, Jr., formerly of the University of Rochester Medical School (N.Y.), has joined the Grants Associates Program of the National Institutes of Health.



Dr. Chen

This program, administered by the Division of Research Grants, prepares selected scientists for administrative positions in extramural research activities.

Dr. Chen, a former Guggenheim Fellow, worked under Dr. Hans Ussing at the Institute of Biological Chemistry of the University of Copenhagen, Denmark. His most current work has been concerned with vitamin D physiology and the effect of calcemic steroids on mineral metabolism.

### Background Given

Dr. Chen has pursued studies in these areas since 1959 at the University of Rochester Medical Center, Department of Radiation Biology, where he was assistant professor of radiation biology, biophysics, and pharmacology.

Prior to his appointment at Rochester, Dr. Chen conducted biochemical research on adrenal steroids at the National Heart Institute.

He has also been employed at the University of Rochester Atomic Energy Project as a junior scientist and research associate.

Dr. Chen earned the Ph.D. degree from the University of Rochester in pharmacology in 1954. He is also an alumnus of Clark University. Dr. Chen has authored or co-authored a number of articles and abstracts.

## PARKING

(Continued from Page 1)

can only display one set. Two employees registering the same car and working in different locations must decide between themselves in which assigned zone the car is to be parked.

Q. Will there be more parking space?

A. Not immediately, but additional parking facilities will be part of the new NIH construction program.

Q. Can I get bumper stickers for each car I drive to NIH?

A. Yes.

Q. If I work at Westwood or NBOC, where do I park when I visit the NIH reservation on official business?

A. Visitor's Lot.

Q. Do I have to park in my assigned area after 5 p.m. or on weekends?

A. No.

Q. When I get my stickers, do I have to display them on my front

## NINDB Prepares New Cerebral Palsy Brochure

Cerebral palsy, one of childhood's greatest cripplers, is the subject of a new publication produced by the National Institute of Neurological Diseases and Blindness.

Number 13 in the "NINDB Research Profile Series," the brochure reports on results of efforts to find clues to causes and prevention of cerebral palsy, a brain-centered condition affecting normal muscle control.

An estimated half-million people in the United States suffer from CP. Symptoms of the disease may range from mild muscle incoordination to more severe physical handicaps. Not infrequently, the disorder is coupled with intellectual impairment, convulsive seizures, speech and hearing defects, and disorders of vision.

Listed as Public Health Service Publication No. 1671, *Research Profile No. 13: Cerebral Palsy* may be purchased from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402, for 15 cents.

### 'Safety First' Rules Given For Christmas Decorations

Twelve regulations on Christmas decorations have been issued by NIH Fire Chief Charles K. Keys, and distributed to all NIH offices.

Employees are reminded that decorations may be displayed between December 18 and January 2 only, and that flame-proof ornaments and safety-tested lights are a must.

Candles are verboten, and no lights on aluminum trees, please. The base of natural trees should be placed in water or water soaked sand, and well secured.

After the decorations are up, please call Mr. Keys (Ext. 62372) and request that he inspect the area.

and rear automobile bumpers?

A. Yes. They must be attached to the bumpers according to directions so that the NIH guard can see them from a standing position.

Q. What do I do with my present NIH decals?

A. Remove them.

Q. Do I register my motor scooter/motorcycle?

A. Yes.

Q. Will I be assigned a parking space?

A. No, you will be assigned to a Zone and parking within the zone will be on a first come, first served basis.

Any further questions or information on the new parking system may be obtained by contacting:

The Parking and Permit Assignment Unit  
Plant Safety Branch  
Room 1001, Building 12A.

## HOLIDAY

(Continued from Page 1)

day gifts at Christmas Shoppers' prize games.

Not to be forgotten are the children who anxiously await the arrival of Santa Claus at the annual Children's Christmas Party hosted by the Clifton Park Citizens' Association on Saturday, December 16. Before calling his reindeer to depart, Santa will visit the bedsides of those children unable to attend the party.

### Concert Scheduled

The Christmas-Hannukah Concert on Monday, December 18 will feature traditional holiday music by Cantor Raphael Edgar of Adas Israel Congregation and the U. S. Air Force "Singing Sergeants." Associate Surgeon General Eugene H. Guthrie and his family are planning to attend. Dr. Robert M. Farrier, Associate Director of the Clinical Center, will give the holiday address.

On December 19, Clinical Center patients and their friends will swing to the music of the U. S. Air Force Band at the annual "Holly Hop."

A Christmas Open House will be given by the patients on December 20 to exchange holiday greetings

with their nurses, doctors, friends and relatives. Saint Nick will put in an appearance with his 6-foot-high stocking filled with gifts for each child at the Clinical Center. Highlighting the occasion will be a musical program by Jim Evans, an announcer with WMAL-Radio, and Dave Parker of the Showboat Lounge.

Before bedtime that evening, the children will hear "The Night Before Christmas" read by area teenagers. Christmas Eve will herald holiday music in all the units from community carolers.

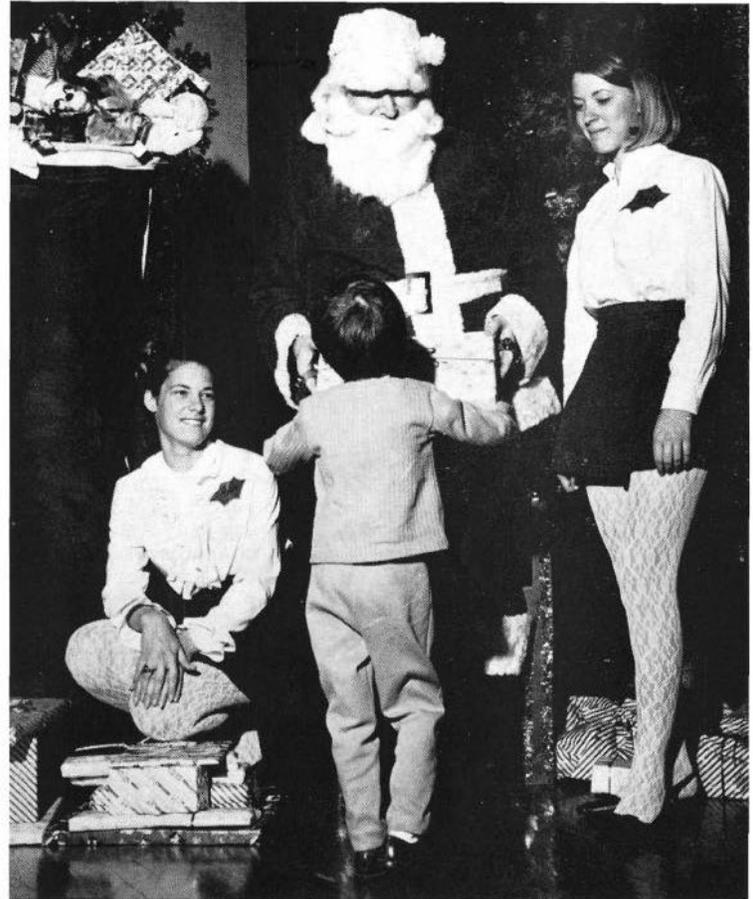
Celebration of the Hannukah Candle Lighting Service December 26 will be followed by a party. Later that evening will be a showing of the film "Barrabas."

### Additional Activities Planned

A trip to Lisner auditorium for the National Ballet Company's production of "The Nutcracker Suite" is planned for December 27. The next day a bus will head for the National Christmas Tree and a tour of window decorations in downtown Washington.

And, to ring in the New Year, there will be parties New Year's Eve and Day.

The holiday program was planned by the Patient Activities Section of the CC, headed by Arnold Sperling, Chief.



IT'S ALMOST THAT TIME AGAIN! Ann de Vos (left) and Joyce Wright, 1967 graduates of Montgomery Blair High School, helped Santa with his gifts for the CC children last year. Equally able "helpers" will be on hand December 20 when the presents are distributed.—Photo by Tom Joy.

## Dr. Goodwin New Chief Of DRFR's Primate Research Centers Sec.

Dr. William J. Goodwin, Jr. has joined the Division of Research Facilities and Resources as chief of the Regional Primate Research Centers Section, Animal Resources Branch.



Dr. Goodwin

Dr. Goodwin comes to DRFR from the Division of Environmental Health Sciences, where he was chief of the Research and Training Grants Branch.

In his new assignment Dr. Goodwin will be responsible for the national primate research center program which supports seven regional primate centers.

Dr. Goodwin received his B.S. degree from Oklahoma State University, Stillwater, and the M.S. and Ph.D. degrees in veterinary and medical entomology from Cornell University, Ithaca, N. Y.

### On Clemson Staff

In 1953 Dr. Goodwin joined the staff at Clemson College, S. C., as associate entomologist and associate professor of entomology in the department of entomology and zoology. He served there until 1957 when he joined the PHS Commissioned Corps, and was detailed to the International Cooperation Administration (now the Agency for International Development) as vector control advisor and malaria advisor in Tripoli, Libya.

### Served in Haiti

In 1961 he was assigned to Port-au-Prince, Haiti, as malaria advisor. He served in Haiti until 1963 when he was named a grants associate in the Division of Research Grants at NIH.

The following year he was named a scientist administrator in the Research and Training Grants Branch in the Office of Resource Development, Bureau of State Services. In April 1965 he was appointed chief of that branch. In 1966 the Research and Training Division of Environmental Health Branch was incorporated into the DEHS.

### Dr. Theodore T. Puck to Serve On Advisory Council of NIAMD

Dr. Theodore T. Puck, Research Professor of Biophysics at the University of Colorado Medical Center and Director of the Eleanor Roosevelt Institute for Cancer Research, has been appointed to serve a 4-year term on the National Advisory Arthritis and Metabolic Diseases Council.

## DR. STEINBERG

(Continued from Page 1)

1969. Last year he served as vice-chairman.

In 1951 Dr. Steinberg came to NIH to work in the then Section on Cellular Physiology and in 1965 was made Chief of the Laboratory of Metabolism, NHI.

His interest here has centered on the biochemical pathways of lipid metabolism and the biosynthesis of sterols, including cholesterol, as they relate to coronary heart disease and atherosclerosis.

Dr. Steinberg's early interest in drugs affecting cholesterol synthesis led the way to the development of a therapeutic approach. His experimental studies with the cholesterol-lowering drug MER-29, led to the disclosure in 1961 of that agent's biochemical mechanism of action.

### Research Described

Although the drug did, in fact, lower serum cholesterol levels by blocking the synthesis of cholesterol at desmosterol, Dr. Steinberg, with Dr. Joel Avigan, also in NHI's Laboratory of Metabolism, showed that desmosterol substituted admirably for cholesterol in the build up of atherosclerotic plaques and that the total effect of the drug was to change one villain for another, plus side-effects.

Recently, Dr. Steinberg and his group have worked out the biochemical steps in the metabolism of phytanic acid, a lipid that accumulates in the blood and tissues of patients with Refsum's syndrome—a rare, inherited neurological disease. His group recently announced their identification of the exact site of the enzyme defect using tissue culture techniques.

Because patients with Refsum's syndrome often die unexpectedly, apparently from cardiac dysfunction, his study may lead to an explanation of the biochemical causes of several neurological and cardiac disorders.

### Dr. Jakoby Is Appointed Section Chief at NIAMD

Dr. G. Donald Whedon, Director of the National Institute of Arthritis and Metabolic Diseases, has announced the appointment of Dr. William B. Jakoby as chief of the Section on Enzymes and Cellular Biochemistry, Laboratory of Biochemistry and Metabolism.

Dr. Jakoby is replacing Dr. G. Gilbert Ashwell who was recently made chief of the Laboratory.

Dr. Jakoby received his Ph.D. degree from Yale University, after which he spent 2 years at New York University College of Medicine as a Postdoctoral Fellow of the Public Health Service. He came to NIAMD in 1955.

## Drs. David Joffes and Leo A. Whitehair Join Grants Associates Program, DRG

Dr. David Joffes, a physiologist, and Dr. Leo A. Whitehair, a doctor of veterinary medicine, have entered the Grants Associates Program of the NIH. This program, administered by the Division of Research Grants, prepares selected scientists for administrative positions in extramural research activities.

Dr. Joffes has since 1954 been associated with the Cancer Re-

## Dietary Management Of Patients in Kidney Failure Conference Topic

Management of patients in chronic kidney failure by means of dietary therapy was the subject of an interdisciplinary conference conducted in Scottsdale, Ariz., recently.

Cosponsored by the Artificial Kidney Program of the National Institute of Arthritis and Metabolic Diseases and the Kidney Disease Control Program of the Bureau of Disease Prevention and Environmental Control, PHS, the conferees sought to analyze and communicate certain aspects of current knowledge of this little-used therapeutic procedure.

The 2-day session brought together experts in the fields of nephrology, metabolism and nutrition, both from the United States and abroad.

### Agenda Given

Special emphasis was placed upon a comparative evaluation of a new type of diet, developed in Italy and England, which limits dietary nitrogen intake to minimal amounts of essential amino acids.

This approach has permitted limited survival and rehabilitation in certain types of patients in chronic kidney failure, without recourse to kidney transplantation or artificial kidney therapy.

The morning and afternoon sessions explored: (1) amino acid requirements and metabolism; (2) lipid, carbohydrate and acid-base metabolism; and (3) clinical use of selected protein diets in dietary management of the uremic patient.

A strong cross-fertilization of the various disciplines represented was evident, and, as a direct result of the conference, a number of pertinent studies are to be undertaken by several of the participants in the near future in the heretofore not actively explored area of dietary management of chronic kidney failure.

The meeting was chaired by Drs. George E. Goodman, chief of the Kidney Disease Control Program, BDPEC, Benjamin T. Burton, chief of NIAMD's Artificial Kidney Program, and Edmund J. Lewis, medical consultant, Kidney Disease Control Program.

The proceedings of the conference will be published as a special supplement to the monthly *Amer-*



Dr. Whitehair



Dr. Joffes

search Institute, New England Deaconess Hospital in Boston where he served as head of the Department of Radiobiology and coordinator of radiobiological training. Dr. Joffes' present research is concerned with the effects of radioisotopes incorporated into living organisms and the physiological responses of mice that have been administered radioiodine.

Dr. Joffes received the B.S. degree in biology in 1944 and the M.S. degree in physiology in 1947 from Tufts University. He received the Ph.D. degree in physiology from Boston University in 1951.

From 1949 until 1950, Dr. Joffes was a research fellow of the National Heart Institute doing research in cardioangiography at Boston University.

Since 1962, Dr. Whitehair, who held the rank of lieutenant colonel, was assigned by the Air Force to the Biology Branch, Division of Biology and Medicine, U.S. Atomic Energy Commission, Washington, D.C. In this post he managed biological research programs related to radiation effects on food.

Dr. Whitehair received the D.V.M. degree at Kansas State University in 1953. He earned the M.S. degree in animal nutrition and the Ph.D. degree in food science and technology at the University of Wisconsin in 1954 and 1962 respectively.

### Dr. John R. Platt Is Appointed To Advisory Council of DRFR

Dr. John R. Platt, professor of physics and acting director of the Mental Health Research Institute, University of Michigan, Ann Arbor, has been appointed to a 4-year term on the National Advisory Research Resources Council.

*ican Journal of Clinical Nutrition*, and additional copies will be made available subsequently to all workers in the field of chronic kidney failure.

## DR. ARNOLD

(Continued from Page 1)

of the National Institute of Dental Research.

Dr. Arnold received his B.S. degree from Western Reserve University in 1932 and his D.D.S. degree from that university in 1934. After serving his internship at the U. S. Marine Hospital in Cleveland, Ohio, he was commissioned in the PHS in 1936.

He joined the staff of the Dental Research Section, NIH, in 1937, and served as assistant chief of the section from 1943-48. He was associate director of NIDR from 1948 to April 1, 1953, when he became its director.

Commenting on Dr. Arnold's death, Surg. Gen. William H. Stewart said:

### Was Highly Respected

"Dr. Arnold was a highly respected and beloved figure in American dentistry. A warm and humble person, he was an effective administrator as well as an able scientist. Together with the late famed H. Trendley Dean, Dr. Arnold constituted a nucleus of four PHS scientists who pioneered in the study of fluorides and their effect on teeth. Today fluoridation has taken its place next to chlorination, pasteurization, and immunization as one of the four horsemen of public health as a result of the experimental and epidemiological studies conducted by this group. These studies established that the addition of one part of fluoride to a million parts of water would reduce tooth decay with complete safety. The contributions of these men will be long remembered."

### Honored for Contributions

Dr. Arnold has been honored with various awards of distinction for his contributions to dental research, and in 1962 Western Reserve University conferred an honorary Sc. D. degree on him.

He was the author of numerous publications and was active in various professional organizations, including the American College of Dentists, the American Dental Association, the International Association for Dental Research, the Federation Dentaire Internationale and the American Association for the Advancement of Science.

He leaves his wife, the former Miriam Eyster, and two sons—Francis A. Arnold III, Laurel, Md., and Richard, Atlanta, Ga. He is also survived by his parents; his brother, Elmer, and sister, Mrs. Lucille Burchart, all of Orrville, Ohio.

Following earlier services for family and friends at Orrville, a memorial service was held December 8 at the Christ Lutheran Church in Bethesda. Interment was in the Gettysburg National Park.

The family requests that expressions of sympathy be in the form

## NCI Hosts U.S.-Japan Pathology Meeting

The National Cancer Institute was host to a 5-day symposium co-sponsored by the National Science Foundation and the Japan Society for the Promotion of Science, November 27-December 1.

The differing incidence of various leukemias, lymphomas and related diseases in Japan and the United States prompted the Symposium on the Pathology, Classification and Nomenclature of Leukemias, Malignant Lymphomas and Other Neoplastic Diseases of the Hematopoietic System.

Japanese have a high incidence of reticulum cell sarcoma, while this disease occurs less frequently in the U. S. than lymphosarcoma. Chronic lymphocytic leukemia, not uncommon in the U. S., occurs rarely in Japan. There is also a difference in the incidence of Hodgkin's disease.

Efforts were made by Symposium participants to develop consistent diagnostic standards for both countries. This should result in more accurate comparability and help to clarify the geographic pathology.

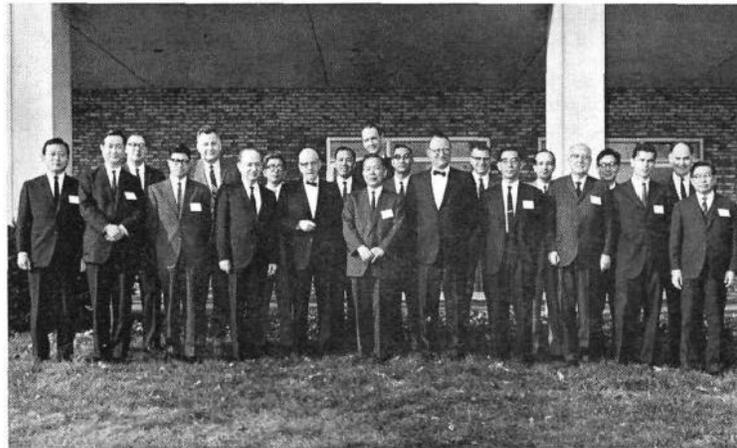
Dr. Kenneth M. Endicott, Director of the National Cancer Insti-

tute, welcomed the symposium in a speech opening the session. Dr. Harold Stewart, Chief, Laboratory of Pathology, NCI, made additional opening remarks.

The chairman was Dr. Kaneyoshi Akazaki, Director, Aichi Cancer Center, Nagoya, and the co-chairman, Dr. Henry Rappaport, Professor of Pathology, University of Chicago.

NIH pathologists who participated in the meeting were Dr. Louis B. Thomas, Head, Surgical Pathology and Post Mortem Service, NCI; Dr. Costan W. Berard, Staff Pathologist, Pathologic Anatomy Branch, NCI; and Dr. Leon Sokoloff, Laboratory of Experimental Pathology, NIAMD.

Also attending were Dr. John M. Bennett, Clinical Pathology Department, Clinical Center and Dr. John W. Berg, Demography Branch, NCI.



U.S.-Japanese pathologists confer on lymphomas and related diseases at a 5-day symposium hosted by National Cancer Institute, November 27-December 1. Shown (l to r) are: Dr. Eisii Ishikawa, Tokyo; Dr. Mizu Kojima, Fukushima; Dr. Louis B. Thomas, NCI; Dr. Haruki Wakasa, Los Angeles; Dr. Robert Lukes, Los Angeles; Dr. Henry Rappaport, Chicago; Dr. Masao Hanaoka, Kyoto; Dr. Harold Stewart, NCI; Dr. Hisashi Otsuka, Tolushima; Dr. James Butler, Houston; Dr. Kaneyoshi Akazaki, Nagoya; Dr. Keizo Kageyama, Tokyo; Dr. Kenneth Endicott, NCI; Dr. Costan Berard, NCI; Dr. Kunio Oota, Tokyo; Dr. Ronald Dorfman, St Louis; Dr. John Rebeck, Detroit; Dr. Soichi Iijama, Hiroshima; Dr. John Bennett, NCI; Dr. Philip Lieberman, New York; and Dr. Noboru Tanaka, Tokyo.—Photo by Ralph Fernandez.

of contributions to the Francis A. Arnold, Jr. Research Memorial Fund, School of Dentistry, University of the Pacific, San Francisco, Calif.

### CC Blood Bank Receives 197 Donations in November

The Clinical Center Blood Bank reports that 197 units of blood were received from NIH donors in November. During the same period CC patients received 1,614 units of blood.

### Latest Participants in NIH Visiting Scientists Program Listed Here

11/15—Dr. Joao G. Leme, Brazil, Laboratory of Chemical Pharmacology. Sponsor: Dr. James R. Gillette, NHI, Bldg. 10, Rm. 8N118.

11/16—Dr. Giovanni B. Salabe, Italy, Clinical Endocrinology Branch. Sponsor: Dr. Jacob Robbins, NIAMD, Bldg. 10, Rm. 8N315.

11/20—Dr. Jaroslav Rejnek, Czechoslovakia, Immunochemistry Section. Sponsor: Dr. Wilton E.

## Dr. Tripp, DBS, Retires; To Continue Research On Blood Products

Dr. John T. Tripp, Assistant to the Director, Division of Biologics Standards, retired on November 17, after more than 17 years of service at NIH.



Dr. Tripp

Dr. Tripp retired from the PHS Commissioned Corps last January and remained with the Division on Civil Service status. He had served as Assistant Director in charge of the Division's licensing, inspection, and investigations activities for the previous 3 years.

He received his Commission in 1950, at which time he joined the NIH Blood and Blood Products Section. From 1955 until his appointment as Assistant Director in 1964, he was Chief of the DBS Laboratory of Blood and Blood Products.

### Leadership Cited

For many years Dr. Tripp has been actively engaged in the field of biologics standards and recently received the PHS Meritorious Service Medal for his outstanding leadership in the development of the enforcement aspects of the Division's biologics control program.

He has been particularly interested in improving methods of processing and sterilizing blood products, and plans to continue his work at Blood Services, 6401 East Thomas Road, Scottsdale, Ariz., where he will establish a quality control program for blood products.

### Affiliations Listed

Dr. Tripp is a member of numerous professional organizations, including the American Public Health Association, American Society for Microbiology, American Association of Blood Banks, Academy of Microbiologists, and the D.C. Academy of Medicine.

A graduate of South Dakota State College, he received an honorary D.Sc. from the college in 1961. He earned his Ph.D. from Purdue University in 1935.

Dr. and Mrs. Tripp plan to make their home in or near Scottsdale, Ariz.

Vannier, NIAID, Bldg. 10, Rm. 11D09.

11/22—Dr. Lindsay G. Sparrow, Australia, Laboratory of Biochemical Pharmacology. Sponsor: Dr. Edith W. Miles, NIAMD, Bldg. 4, Rm. 109.

## Zora Bethmann Retires December 15 From CC Nursing Department

Yesterday the Clinical Center Nursing Department's Allergy and Infectious Diseases Nursing Service gave a holiday tea in honor of Zora Bethmann, who will be retiring from her position as clinical nurse on December 15.

Mrs. Bethmann joined the staff in 1957. Last year she shared in a group award presented to the Allergy and Infectious Diseases Nursing Service for outstanding performance during the previous year.

Mrs. Bethmann was born in St. Sivač, Yugoslavia, and received her nurse's training from Missionary College, Friedensau, Germany, and Skola Sestara Pomocnica, the Rockefeller Foundation School of Nursing in Zagreb, Yugoslavia.

She spent 12 years in the Middle East doing missionary work in Egypt, Transjordan, and Iraq. During World War II, Mrs. Bethmann and her children—Erika, Claus, and Hans—resided in Germany. They came to the United States in 1949 and acquired U. S. citizenship in 1955. Mrs. Bethmann now has nine grandchildren, aged 3-15 years.

As a result of her extensive travel, Mrs. Bethmann is an accomplished linguist—speaking Serbian, German, Hungarian, Arabic, Russian, a little French and Polish, as well as English.

Before coming to the CC, she was a nurse at Leland Memorial Hospital, Riverdale, Md., Columbia Hospital for Women, Washington, D. C., and Suburban Hospital in Bethesda.

## STUDY SECTIONS

(Continued from Page 3)

ported by a National Institute of Neurological Diseases and Blindness research grant in the name of Dr. Fox.

The Neuroanatomy Visiting Scientist Program has been aimed at attracting bright young minds to the basic neurological sciences through teaching and encouragement at the college level. The program enables neurological scientists, with recognized reputations as teachers and investigators, to spend several days on a college campus where they give formal and informal lectures, show interesting scientific equipment, demonstrate experimental procedures, meet the students and teachers informally, discuss their research, and familiarize the undergraduates with training programs and career opportunities in neuroanatomy and other basic neurological sciences.

From its inception through August 1967, 94 neurological scien-

## Holiday Decorating Ideas From Nature



The red pomes and waxy green leaves of the pyracantha that grow in such profusion here peek out from their covers of snow and furnish inspiration to NIH employees who'll soon be decking their homes and offices for the holiday season.—Photos by Roy Perry.



tists participated in the Neuroanatomy Visiting Science Program. A total of 283 visits were made to 173 colleges, some colleges being visited more than once during the period.

### Student Reaction Cited

Although it is not possible to determine how many students have been influenced through the program, there were indications by mid-1966 that at least 46 graduate students were about to enter basic neurological science programs as a direct result of the visits.

From comments received from the faculty of some of the colleges

visited and the visiting scientists themselves there seems to have been an excellent reaction to the program, many students seeking further discussion with the scientists and later with their faculty members, and showing marked enthusiasm especially among those about to graduate in the medical sciences. This response from the various faculties to the visits have been encouraging. Many of the students who have since enrolled as medical students or graduate students have credited the stimulus of the Neuroanatomy Visiting Scientist Program for their choice of career.

## New Office of Biometry Established by NINDB

A new Office of Biometry has been established within the Office of the Director, National Institute of Neurological Diseases and Blindness. The action, which simultaneously abolishes the former Biometrics Branch of NINDB's Collaborative and Field Research, now centers all statistical services of the Institute in one unit.

Previously, the Biometrics Branch provided statistical services for only one area, NINDB Blindness Model Reporting, while Intramural Programs and the Perinatal Research Branch had their own statisticians.

### Advantages Are Many

The new Office of Biometry will provide Institute investigators a wider range of statistical services than were formerly available, and statisticians will have a greater part in planning and designing scientific studies and in aiding the analysis, storing, and retrieving of data. Also, additional personnel planned for the new office will provide the Institute a greater variety of statistical specialties than were available before.

The biometry office comprises the Office of the Chief, headed by William Weiss, formerly assistant chief of the Perinatal Branch, and four sections: Mathematical Statistics, Applied Statistics, Systems Design and Data Processing, and Blindness Statistics.

### DCRT Equipment Utilized

Statisticians of the sections will use equipment of the Division of Computer Research and Technology in meeting the statistical needs of NINDB scientists while the specific computer requirements for the Perinatal Research Branch will be obtained through contracts.

Creation of the new unit brings NINDB into closer organizational parallel with several other Institutes (including the National Cancer Institute and the National Heart Institute) which have similar offices for biometry.

## Three New Members Appointed To Natl. Advisory Dental Council

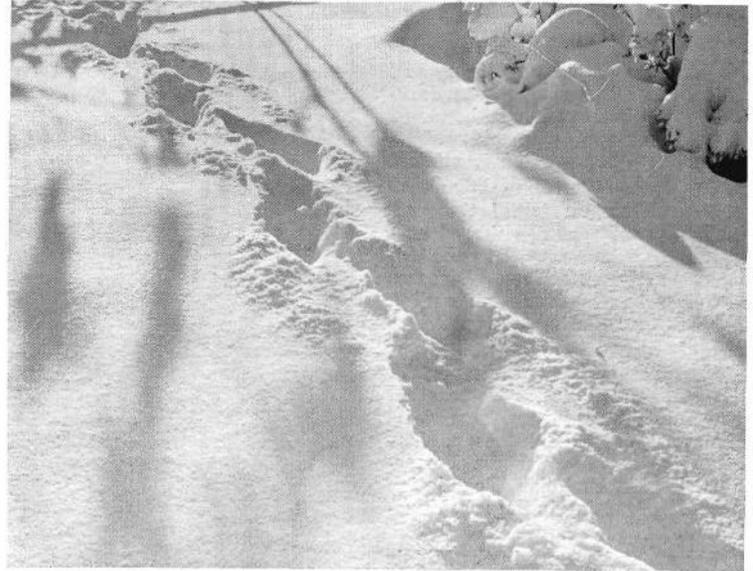
Three new members have been named to 4-year terms on the National Advisory Dental Research Council by Surg. Gen. William H. Stewart.

The appointees are Dr. Jack Davies, chairman, Department of Anatomy, School of Medicine at Vanderbilt University; Dr. Frederick A. Henny, chief of the Division of Dentistry and Oral Surgery at Henry Ford Hospital; and Dr. Judson C. Ward, Jr., vice president and dean of the Faculties at Emory University.

# Snow Covers NIH and NIH Photographers Cover the Snow!



NOVEMBER 30's RECORD SNOW turned the NIH campus into a Currier and Ives scene—and also brought the usual inconveniences. Above, for instance, an unidentified pedestrian finds the going a bit slower than usual as he walks alongside Building 1.—Photo by Roy Perry.



FIRST FOOTPRINTS IN THE SNOW—the early-bird employee who made them must surely have arrived at the office with "little white slippers of snow."



AT ONE OF THE POOLS OF BETHESDA a winter works a miracle of breath-taking beauty.—Photo by Ralph Fernandez.



TIRE TRACKS IN THE SNOW somehow aren't quite so poetic as footprints in the snow, but who at NIH wasn't grateful for roads and parking lots that were amazingly well cleared considering the suddenness and magnitude of the snow storm.



CONSTRUCTION COMES TO A HALT as heavy earth-moving equipment is immobilized under mountains of snow.—Photo by Ralph Fernandez.



CAN SPRING BE FAR BEHIND? Despite the snow, the tiny buds on the dog-wood branches hold next year's blossoms. The only catch is they won't burst into bloom until about 4 months from now.—Above Photos by Roy Perry.