LASKER AWARD WON BY DR. DEAN

Dr. H. Trendley Dean, NIDR Director, and Dr. Frederick S. McKay, former NIDR consultant, are joint recipients of a 1952 Lasker Award. They are the first dentists to be so honored by the American Public Health Association and the Albert and Mary Lasker Foundation for achievements in the field of medical research.

At a luncheon in New York’s Sherry-Netherlands Hotel today, Dr. Frank G. Boudreau, Chairman of the Lasker Awards Committee, announced the names of the seven scientists who have been selected to receive the seventh annual Lasker awards. One of the recipients is Sir F. MacFarlane Burnet, F.R.S. of Melbourne, Australia, who will deliver the R.E.Dyer Lecture here on October 29.

Dr. Dean has been cited “for leadership in the development of programs for caries control through fluoridation of water supplies.” He has been responsible for most of the basic research affirming the effect of fluoride on the prevention of dental caries.

(See Dr. Dean, Page 3)

COMMUNITY CHEST DRIVE OPENS HERE

The annual Community Chest campaign is now under way throughout the country. NIH launched its own fund-raising drive with an employee rally on October 6.

During the next few weeks, all of us at NIH will be asked to give whatever we can to the Community Chest. As you know, within the Community Chest are consolidated a great many worthy organizations which need generous support. By giving once during this annual campaign, we are able to help all these organizations carry on their programs of community service.

Dr. W. H. Sebrell, Jr., Director of NIH, said, “Through the Community Chest, we are privileged to contribute to the solution of the social, economic, and medical problems in our community. Our work at NIH is designed to alleviate human suffering. That is our goal in research; it is also the goal of the Community Chest. I feel confident that we will support the 1952 campaign wholeheartedly.”

This year the Community Chest has agreed that every employed person will be asked to contribute through the organization for which he works. Residential solicitations will be made solely for the benefit of such groups as retired persons, domestics, or self-employed people who work in or out of their homes.

William G. Baylis, chairman of the NIH campaign, announced that chairmen of each Institute and Division, and keymen in each office and laboratory have been appointed to collect pledges. The enthusiasm and cooperative spirit shown thus far indicates the campaign will be the most successful in years.

NEW ASSOCIATE DIRECTOR NAMED

Dr. James A. Shannon has been appointed Associate Director of NIH. He succeeds Dr. Norman H. Topping, whose appointment as vice president in charge of medical affairs at the University of Pennsylvania becomes effective November 1.

For the past three and one-half years, Dr. Shannon has served as Associate Director of the National Heart Institute.

Dr. Shannon is widely recognized for his original research in kidney function, chemotherapy, and malaria. He has served as guest investigator at the Physiological Laboratory, University of Cambridge, England, and as a member of the staff of the Marine Biological Laboratory at Woods Hole, Massachusetts.

Dr. Shannon was previously Director of the Squibb Institute for Medical Research, New Brunswick, New Jersey.

During World War II, Dr. Shannon was awarded the medal for merit for his malaria research activities, and was a consultant on tropical diseases to the Secretary of War. This year he received the honorary Doctor of Science degree from Holy Cross College.
Studies in Leukemia

No. 80 in a Series

Dr. Thelma B. Dunn and her assistant, William Stalters, are shown withdrawing blood from the heart of a mouse for a leucocyte count.

The Hematology Unit of the Laboratory of Pathology, NCI, is primarily engaged in research on leukemia in mice. Headed by Dr. Thelma B. Dunn, the Unit conducts, as part of its investigations on leukemia, studies of the normal condition of the peripheral blood and blood forming organs in the different inbred strains of mice in use at NCI. Numerous blood counts have been made, and the different forms of cells as they appear in stained blood smears have been studied.

The leucocytes (white cells) of mice show extreme variations in numbers, even in apparently healthy mice, so it is hard to establish what the normal range may be. It has been found, for instance, that blood taken from different sites will show great differences in the number of leucocytes. Three to five times as many cells may be found in blood from the tail as in blood from the right ventricle, which in turn may have several times as many leucocytes as blood from the left ventricle. An effort is now being made to find out whether these same proportions exist in blood from leukemic animals.

Histologic sections of the blood forming organs in various strains of mice are also being studied. Is there a difference in those strains of mice which develop leukemia? Recognition of a difference might be very important in understanding leukemia in human beings.

The same kinds of alterations are found in the blood forming organs of mice when leukemia is fully developed as are found in human beings with the disease. This means that any fact discovered about leukemia in the mouse can be directly applied to leukemia in man.

Because inbred strains of mice with a high incidence of leukemia are readily available and because leukemic cells are easily transplanted and grown in a new host, a great deal of material is available for studies on leukemia. This material can be handled under rigidly controlled laboratory conditions which are not usually possible in research on human patients.

Here and There

Shuttle Bus
It has been decided to continue the late shuttle service from NIH to the FSA Building for three more months.

This shuttle provides visitors with transportation downtown and carries persons in travel status to Union Station at the close of business.

The station wagon leaves Building 1 at 4:50 and T-6 at 4:55 p.m.

Honors
Two scientists of the Rocky Mountain Laboratory were honored recently. Dr. Cornelius B. Philip was chosen president of the American Society of Parasitologists, and Dr. Gordon E. Davis was elected to head the 1953 International Northwestern Conference on Diseases in Nature Communicable to Man.

Dedication
Dr. Russell M. Wilder, NIMHD, represented the Public Health Service at the dedication of a memorial honoring the famous Mayo brothers. Ceremonies were held on September 26 and 27 at Rochester, Minnesota.

Golf Team
Plans are afoot to start an NIH golf team to play against other Government agencies in a tournament. Anyone interested in joining the team should contact Britton Smith, Ext. 610.

Mental Health Film Guide
NIMH has compiled a catalog of mental health motion pictures for the use of mental hygiene societies, schools, parent-teacher associations, clubs, and church groups. The publication describes 106 mental health films under such categories as: child and family; marriage; mental health and schools; and mental health problems.

"Mental Health Motion Pictures--A Selective Guide 1952" may be obtained from the Government Printing Office for $.30 a copy.

N. I. H. RECORD
FEDERAL SECURITY AGENCY
Public Health Service
National Institutes of Health

Published by
Scientific Reports Branch
National Institutes of Health
Room 216, Building 1
Bethesda 14, Maryland
OLiver 1400 Ext. 2171
SURVEY QUESTIONNAIRES
NOW BEING DISTRIBUTED

For the next three weeks, the Institute for Social Research of the University of Michigan will distribute questionnaires as part of the Institute's Human Relations Study at NIH.

Since the questionnaire cannot cover all points of importance, additional personal interviews are being conducted. Later in the study, panel discussions will be held with small groups. Participants in interviews and panels will be selected at random from all categories of NIH employees.

The interviewers will all be members of the Staff of the Institute for Social Research. As indicated in the letter which you have already received, all data from questionnaires and interviews will be kept in the hands of the Michigan staff only.

Dr. Pelz, who directs the study, said, "If anyone has any question about either the questionnaire or the interviews, we would be glad to try to answer them. Please call Ext. 2068 and ask for me or for Mr. Mellinger or Mr. Davis."

R & W NOTES

Wilson Hall was crowded on Friday night, September 26, with some 150 enthusiastic partygoers. It was the gala scene of the Recreation and Welfare Association's Harvest Dance.

Chairman Erv Liljegren of NIAMD and his committee deserve praise for their skillfully arranged program which provided fun for everyone and kept the party moving at a pleasurable pace. Ruth and Herbie Gorin took home the prize in the jitterbug contest. Callookers enjoyed the artistry of "Lefty" Jenkins at the keyboard as much as the dancers did. The NIH Quartette was a welcome addition to the program, and their rendition of "Carolina in the Morning" was the high light of the evening.

If you missed the fun of the Harvest Dance, plan to attend the Halloween Party on Friday, October 31. Costumes will be optional, but everyone will have to wear a mask to get in.

NIH Spotlight

George E. Summers

For the first time in five years, George E. Summers, of NHI, will be able to call his evenings his own. Instead of rushing downtown to National University School of Law five nights a week as he has been doing, George is taking a breather this year. With his LL.B. degree in hand plus a few credits accumulated last year toward his M.A., George decided it would be nice to stay home and become acquainted with his growing family. He has a son aged 4, a daughter aged 2, and a 6-month-old baby boy.

George has spent the better part of his life attending schools one place or another. While very young, George moved with his parents to Huntington from his birthplace in Lundale, W. Va., a small and now almost extinct mining community. He attended schools in Huntington and Charleston. George matriculated at Marshall College in Huntington, where he earned his teacher's degree in mathematics and commerce.

George's next move, however, took him much farther afield. Having been deferred from the service during his final year of college, George faced the inevitable. He enlisted in an Army ordnance company formed with Huntington volunteers. This outfit saw service in the European theatre, with 24 months in England, France, and Germany. They landed in France a month after D-day, when things had quieted down, according to George. He earned five campaign bars and was discharged at Fort Meade, Md., in November 1945.

TIPS ON SAFE DRIVING

Did you know that there is a 25 m.p.h. maximum speed limit on all the roads within the NIH reservation? Captain Neil K. Wood of the guard force says that NIH people seldom exceed this limit, but there are occasional violations of the stop signs and restricted parking areas on the ground.

Recently, traffic jams have occurred at the intersection of "A" Road and Old Georgetown Road.

However, the Bethesda police officials tell us they will have a man posted at this intersection between 5:00 and 5:15 p.m. each working day, unless emergencies arise requiring his services elsewhere.

Captain Wood suggests that drivers planning to make right turns should stay in the right-hand lane, and those planning to make left turns should keep to the center lane.

DR. DEAN Cont’d

Dr. McKay is the practicing dentist of Colorado Springs, Colo., who first introduced a new element of personal research into modern dentistry, through his observation of mottled enamel in patients. He is honored "for pioneer observations which have opened the way to effective community-wide reduction of dental caries."

The Lasker awards will be presented by the American Public Health Association in Cleveland, Ohio, on October 21. Award winners will receive gold statuettes of the Winged Victory of Samothrace, symbolizing in this instance victory over death and disease, together with illuminated scrolls and $1,000 checks.

George decided to make his home in Washington and took a job with the General Accounting Office. He left there to join the staff of a real estate and title company as a title examiner. George found this extremely interesting work, and it was during this time that he began studying law. In 1949 he decided to re-enter government service and joined the staff of NHI.

Now an administrative aide for NHI, George supervises the activities of the travel, purchase, and leave clerks. He also maintains fiscal records and assists Billy J. Sadesky, the budget analyst for NHI, in the preparation of fiscal reports.
ENGINEERING SECTION
KEEPS FIRES BURNING

We all depend upon the Mechanical Engineering Section to keep us warm in winter and cool in summer. It's quite a sizable job for Reynold R. HoUiday and the 43 members of his Section.

It's their responsibility to supply heat, air conditioning, compressed air, and vacuum service on a 24-hour basis, seven days a week, to all buildings on the reservation.

The source of heat for NIH is steam produced by oil-burning boilers. During the winter months, approximately 115,000 gallons of oil are consumed monthly. The summer consumption is only about one-third as much oil.

There are five crews of daytime operators whose job it is to operate and check the equipment. One crew is assigned to the boiler plant, and the rest of the crews are detailed to the various buildings. These crews are divided into three shifts for continuous service.

Most of the headaches fall to the Engineering Maintenance Shop. Their job is to repair heating and other equipment, such as refrigerators, deepfreezes, centrifuges, and air compressors.

The Shop has been called on many times in the past to design and install specialized air-conditioning equipment for scientific experiments. One of their most unusual requests was to air-condition a rat jar for a controlled-temperature experiment.

Many changes are in the offing when the new boiler plant is completed. It is scheduled to be in operation late this year. The plant, located south of Building 13, will house three boilers, with space available for an additional one. Each boiler will have a capacity of 150,000 pounds of steam per hour. This is slightly more than twelve times our existing high-pressure steam capacity. The new plant will have sufficient capacity to accommodate NIH expansion for some time to come.

In addition, the plant will house five centrifugal refrigeration machines for supplying chilled water to the Clinical Center and the existing buildings that are not now air-conditioned. The Clinical Center will have the first high-pressure air-conditioning system in use at NIH.

PURCHASE AND SUPPLY TRAINING COURSE BEGINS

On September 23, the Purchase and Supply Branch began another in a series of training courses designed to acquaint secretaries, supply clerks, and requisitioning personnel with certain purchase, property, and supply procedures.

This course, however, is separate from the Training Course in Federal Purchasing which will begin in November.

The series comprises ten one-hour sessions. Sessions are held weekly on Tuesdays and Thursdays.

Discussion will center on the procedures for requisitioning supplies from the storeroom, receiving and shipping, back orders, monthly reimbursement, etc. Property regulations will be explained as they apply to acquiring and disposing of surplus property, transfer, loss or destruction of property.

The operations and control functions of the Purchase Section will be reviewed. The mechanics of awarding and continuing contracts will be explained.

Administrative officers of the Institutes and Branch chiefs were given the opportunity of nominating some of their employees to attend the course.

APARTMENT CONTRACT AWARDED TO McSHAIN

The contract for the apartment building at NIH was awarded September 3 to John McShain, Incorporated. The amount of the contract was $869,500. A separate elevator contract for $25,187 was awarded to the Otis Elevator Company. Clearing of ground and initial stages of construction are already under way with completion scheduled within 450 calendar days from the contract date.

In mid-September, the Landscape Engineering Company of Merrifield, Va., was awarded a $219,461 contract for landscaping the Clinical Center area. Mr. C. F. Hagemann, of Public Buildings Service, designed the landscaping plan, with the aid of Alfred Geiffert, Jr., of New York City. Mr. Geiffert is landscape consultant for Princeton University and did much of the landscape planning for the New York World's Fair.

The design calls for a formal effect close to the building, with a more informal setting away from the structure. Many varieties of evergreens, shrubs and ground covers will be planted. Trees will be planted along "A" Road as it curves through the reservation from the Rockville Pike to Old Georgetown Road.