NIH plans community chest drive for 1955

Plans are now under way for the 1955 Community Chest Campaign, which will open at NIH on September 27. Co-chairmen for the NIH drive are Robert H. Grant, NHI, and Robert E. Learmouth, NCI. Keymen for each group of 10 to 15 employees are now being selected.

Funds from the drive will benefit the 101 Red Feather services in Maryland, Virginia, and the District of Columbia. The NIH Committee hopes to top last year's fine record of almost 100 percent participation in the Campaign. (See Chest Drive, Page 4)

Child behavior talk to be given Sept. 27

NIH employees, their families and friends are invited to attend a discussion of child behavior, to be given in the Clinical Center Auditorium at 8 p.m. on Tuesday, September 27. The speaker of the evening will be Dr. Fritz Redl, Chief of the NIMH Laboratory of Child Research, who will discuss "What Makes Children Misbehave." A question and answer period will follow the discussion.

This is the third in a series of informal talks for nonprofessional audiences, on the various research projects at NIH.

Graduate school starts Sept. 26

The Graduate School marks the start of its second year at NIH September 19, when registration begins for the fall semester. Registration will be held in Room 1-N-242, Building 10, from 11:30 a.m. to 4:30 p.m. each day through September 23. Classes will begin on September 26. The Graduate School is cosponsored by the Department of Agriculture and NIH, and is open to all Federal employees and to the general public.

A total of 38 courses will be offered in the fields of biology, medicine, psychology, chemistry, mathematics, statistics, administration, communication, and languages. Nineteen new courses have been added, including Introductory Virology, Elementary and Biochemical Genetics, Human Physiology, Pathology of Infectious Diseases, Advanced Bacteriology, Clinical Neuroanatomy-Brain Model, Introduction to Psychodynamics of Behavior, Survey of Physical Chemistry, Mechanism of Organic Reactions, Molecular Structure in Biochemistry, Questionnaire Construction and Interviewing, Effective Writing, Improving Professional Speaking, Writing the Scientific Paper, Organization of Scientific Information, Scientific French, Elementary Spanish, Principles of Accounting, and Principles and Techniques of O & M Work.

Classes are held on the NIH reservation after work hours. Tuition is $12 per credit hour, which may be paid in two installments. Courses are offered on four levels - noncredit, undergraduate, advanced undergraduate, and graduate. Students may, in most cases, transfer their credits to a degree-conferring institution by special arrangement.
Surgical Treatment of Epilepsy

No. 148 in a Series

According to hospital statistics, there are more than one and a half million epileptics in this country today. Victims of this disorder are subject to seizures which may range in frequency from once or twice a year to several occurrences a day. In recent years, the development of the electroencephalograph has made it possible to associate epileptic seizures with paroxysms of abnormal electrical discharges in the brain. These bursts of abnormal discharges assume various patterns which correspond to types of epileptic seizures seen in clinical practice.

Since October 1953, the NINDB Clinical Investigations Branch has been studying a form of the disease in which the epileptogenic activity can be localized in one part of the temporal lobe. Excision of this focus of activity can afford control of the seizures in some cases where antiseizure drugs have not been effective. In addition, the surgical procedure provides the investigators with a unique opportunity to increase the basic knowledge of the functions of the temporal lobe in both the diseased and normal states.

Before surgery, extensive neurological and electroencephalographic studies are made to determine the location of the epileptogenic focus. Final definition of the area is made during the operation, when the temporal lobe is stimulated with an electroshock. During this procedure, the investigators are often able to reproduce the seizure pattern of electrical activity.

Since the brain itself is insensitive to pain, the patient can be comfortably maintained on local anesthesia and can respond to questioning by the investigating team. This enables the team to use the stimulation procedure for study of functional localization in the cerebral cortex. Of particular interest in this study is the role of the temporal lobe in the mechanism of memory. In some cases, stimulation of certain areas has evoked spontaneous memories, and reactivation of the same areas reproduces the same memories, frequently with a further accumulation of detail. Certain evidence might indicate that the entire surface of the temporal lobe is involved, and the researchers are currently trying to find evidence of a nerve pathway or pathways and the internal or external connections which are responsible for the various aspects of the memory process.

Following identification of the epileptogenic focus, the affected tissue is excised by means of precision-tipped suction instruments. Further stimulation and electrographic recordings are carried out, which in satisfactory cases, do not produce any abnormal results. The entire proceeding is carefully recorded, both by charts and photography, and by direction during the operative procedures.

Throughout the study the surgical neurology team works in close collaboration with other teams in the Clinical Investigations Division. Analyses of the chemical and pathological characteristics of the excised tissue is carried out in cooperation with the Sections of Neurochemistry and Neuropathology. Seizure patterns are analyzed in the laboratory and operating room in collaboration with the Electroencephalography Branch. Studies of each patient's personality characteristics are conducted in cooperation with the Clinical Psychology Section.

Publication Preview

The following manuscripts were received by the SRB Editorial Section between August 5 and 18:

Agranoff, Bernard W., et al. Nucleotide and metal requirements for ribokinase and hexokinase.
Blum, Harold F. Perspectives in evolution.
Callanan, M. J., et al. The binding of sulfate and phosphate ions by salmine.
Carter, Jerry W. Psychologists in mental health programs.
Deringer, Margaret K., et al. Development of pulmonary tumors in mice segregated with respect to the genes - dominant spotting, coracal, and fused.
Gordon, Robert S., Jr., et al. Unesterified fatty acid in human blood plasma.
Hori, Isaac. Bacterial degradatation of nicotinic acid.
Hupeper, W. C. Environmental factors in the production of human cancer.
Hundley, J. M. Weight control and health.
Kaiser, R. F. Cytology as an aid to diagnosis of uterine cancer.
Kalckar, Herman M., et al. Enzymatic determination of UTP.
McPherson, Samuel D., Jr., et al. The viability of fresh and frozen corneas as determined in tissue culture.
Millican, R. Carl, et al. Ineffectiveness of certain drugs against shock produced in mice from tommiquet and burn trauma.
Oliver, Louis, et al. Observations on vectors of schistosomiasis mansoni kept out of water in the laboratory. I.
Oliver, Louis, et al. Observations on vectors of schistosomiasis mansoni kept out of water in the laboratory. II.
Plescher, Alfred, et al. Serotonin as a mediator of reserpine action in brain. I.
Rendtorff, Robert C. Toxoplasmosis.
Walker, Gordon N. Hydrogenation of purpuragallon and its derivatives.
Whedon, G. Donald. Steroid hormones in osteoporosis.
White, Philip R. An approach to chemically defined nutrients for "Stain L" mouse cells.
Congratulations are again in order for the NIH Softball Team, which finished the season with another outstanding record. On August 30 the team carried off the Montgomery County championship by defeating Grubbs Pharmacy 5-3 and 6-1. Forest V. Gustafson, Director of the Montgomery County Recreation Department, presented the championship trophy to Dr. Gordon Seger, and all members of the team received individual awards. The trophy will soon be on display in the lobby of Building 1. The team finished second in the Rockville and D. C. Leagues, with a total of 42 wins and 12 losses for the season.

The next showing for the NIH Film Society will be "The Male Animal," starring Henry Fonda and Olivia de Havilland. It will be shown in the CC Auditorium on September 28 and 29 at 8:15 p.m.

The Rifle Club is planning an active program for the fall and winter months and is interested in contacting new members. The Club holds practice sessions each Wednesday and is planning to enter several matches this season. For further information, contact Bob Gorman on ext. 2966.

**NIH Spotlight**

Regina C. Hunter

NIH'ers who remember the early days of the T-6 Employee Health Unit will certainly remember its first nurse, tall, brunette, and friendly Regina Hunter.

Given four empty rooms, Miss Hunter enthusiastically undertook her first assignment at NIH—the setting up in its entirety of the Health Unit in T-6. This was in November 1948. She found that her many years of experience as a visiting nurse in metropolitan Washington was excellent background for her work. Patients have benefited throughout the years from her familiarity with community resources and the agencies giving various kinds of help.

After two years in T-6, Miss Hunter moved to the Health Unit in Building 1, where she remained until June 1953, when she transferred to the Clinical Center, in the Admissions and Followup Nursing Service.

Here she is a specialized clinical nurse, assisting physicians in their diagnostic and followup work with patients. Following referral by their personal physicians, patients undergo preliminary screening examinations in the Admissions and Followup Department. The results of these tests help determine whether the patients will be admitted as in- or out-patients. Miss Hunter also assists the physician with minor surgery and other special procedures.

After discharge, patients return for followup treatment as outpatients. Miss Hunter assists the physician with any necessary tests and provides other general nursing services.

For her, vacations are most enjoyable when she is traveling to some part of the country she has never seen. The Canadian Rockies probably gave her the greatest thrill because she had been longing to see them ever since childhood, when a National Geographic picture inspired her. Miss Hunter finds her travels are helpful in providing a common ground for talking with patients from various parts of the country.

Each trip finds Miss Hunter actively pursuing her favorite hobby of collecting antiques. Her substantial collection includes china, furniture, and glassware from almost every part of the country. A Washington native, Miss Hunter was graduated from Providence Hospital School of Nursing. She is chairman of the nominating committee of the Graduate Nurse’s Association, and is a member of the American Red Cross Nurse’s Reserve Corps. She lives in Silver Spring with her mother.

Cooking—Italian food a specialty—is another of her hobbies. Music, ballet and modern dancing, drama, and literature complete her varied range of interests.

**HEALTH NOTES**

Good personal hygiene, an important concern of modern occupational medicine, can be summed up in one word—“cleanliness.”

We should bathe or shower thoroughly with soap and water at least once a day in hot weather, perhaps less often during the winter. Soaps with antimicrobial agents are more effective than other soaps. Deodorants containing antiperspirants such as aluminum salts may be helpful to those who find body odor a real problem.

Teeth also require special attention. Whenever possible, teeth should be cleaned after eating for protection against tooth cavities and mouth odors.

Good personal appearance reflects inner organization and discrimination. Recognizing the importance of good personal hygiene is a step toward good health, and beneficial in social situations. Interpersonal relations with co-workers, too, are improved.
**SCHOLARSHIP AWARDED TO DR. R. O. SCOW**

Dr. Robert O. Scow, NIAMD, has been chosen to receive one of the two scholarships awarded in 1955 by the Endocrine Society. Dr. Scow will use the scholarship to continue his diabetes studies at the Instituto de Biologia y Medicina Experimental in Buenos Aires, where he is working with Dr. B. A. Houssay, well-known endocrinologist and 1947 Nobel Prize winner. Dr. Scow has been in Buenos Aires since November 1954 and expects to return to NIH in July 1956.

**303 BOND PLEDGES RECEIVED IN DRIVE**

At the close of the Special Savings Bond Campaign several weeks ago, 303 employees had authorized payroll deductions for United States Savings Bonds, representing an increase of five percent.

Almost 1,300 employees, or 28 percent, are now participating in the Payroll Savings Plan here. Employees may enroll in the Plan at any time by filing an application card with the Payroll Unit, Room 222, Bldg. 1.

**College of Physicians Awards Nominations Due**

Nominations for the American College of Physicians Awards for 1956 should be submitted to the Executive Secretary, NIH Board on Employee Awards, Bldg. 1, by September 26. A brief statement on the contribution of the individual should accompany each nomination.

The awards include the John Philips Memorial Award, for internal medicine; the James D. Bruce Memorial Award, for preventive medicine; and the Alfred Stengel Memorial Award, for loyalty and service to the College. Further information may be obtained by calling ext. 2454.

**$355.86 Contributed to Flood Relief Drive**

Contributions amounting to $355.86 were received here recently and forwarded to the American Red Cross emergency relief fund for flood disaster victims. The generous response of NIH employees is sincerely appreciated, and it has been requested that special mention be made of DRG's donation of $101, the largest group contribution.

**DR. WINDLE HONORED IN SAN JUAN, P. R.**

Dona Felisa Rincon de Gautier, City Manager of San Juan, Puerto Rico, presents the key to the city to Dr. William F. Windle, Chief of the NINDB Laboratory of Neuroanatomical Sciences. The surprise ceremony took place in the council room of the historic City Hall, and was followed by a reception and musicale.

Dr. Windle was invited to the city to lecture and confer with San Juan scientists on research into the possible causes of cerebral palsy and mental retardation. His lecture, entitled "Asphyxia Neonatorum and Its Effect upon Brain Structure and Function," was delivered at the San Patricio Veterans Administration Hospital there.

**NEW CLINICAL RESEARCH GROUP TO MEET OCT. 1**

A new type of clinical research meeting will be held October 1 at 11 a.m. in the assembly hall on the 14th floor of the Clinical Center. Planned by a group of younger clinicians, the meeting is designed to promote intercommunication among members of this group. The program will feature a 10-minute presentation by a representative from each Institute, followed by an informal discussion period. Attendance will be by invitation. If successful, this type of meeting will be continued.

**DRG, NIMH BRANCHES MOVE TO BETHESDA**

Fourteen employees in DRG's Research Fellowships Branch, headed by Dr. Ronald E. Scantlebury, and twenty-two employees in NIMH's Biometrics Branch, headed by Dr. Morton Kramer, have moved from their quarters in T-6 to offices in the Perpetual Building, Wisconsin and Montgomery Avenues, Bethesda. Phones have been connected with the NIH switchboard, and extensions have not been changed.

**NIMH Bids Farewell to Mrs. Elizabeth Dach**

Mrs. Elizabeth M. Dach ended almost 19 years of Government service on September 16 when she resigned her post as information specialist in the NIMH Publications and Reports Section. She and her husband will move to New York, where he has accepted a new position.

Mrs. Dach joined the PHS Division of Mental Hygiene in 1948, and came to Bethesda when NIMH was established in 1949. Before her departure, she was feted at a farewell party held by her many good friends here.

**$250 For Korean Fund**

Approximately $250 was collected here recently for the American-Korean Foundation Fund. Miss Elsie Fahrenthold, OD, chairman of the drive, wishes to thank all keymen and NIH contributors. Employees may still send donations to her in Room 1N-216, Bldg. 10.

**CHEST DRIVE Cont'd**

Employees will again be able to take advantage of the deferred payment plan, which allows the donor to make his contribution in small installments.