



## DR. KORNBERG TO GIVE NINTH NIH LECTURE

Dr. Arthur Kornberg, Professor and Chairman of the Department of Biochemistry, Stanford University, will present the Ninth NIH Lecture on Tuesday, October 13, at 8:15 p.m. in the CC auditorium. Dr. Kornberg was formerly chief of the Enzyme and Metabolism Section, NIAMD.

Entitled "Biosynthesis of Deoxyribonucleic Acid (DNA)," the lecture will deal with the synthesis of a high-molecular-weight DNA which is indistinguishable physicochemically from DNA isolated from viruses, bacteria, plants, and animals.

A graduate of the City College of New York and the University of Rochester, Dr. Kornberg served as a Commissioned Officer in the PHS from 1942 to 1953. Between 1942 and 1945, he worked at NIAMD, and

(See *Ninth Lecture*, Page 3)

## UGF CAMPAIGN OPENS WITH RALLY OCTOBER 7

Under the chairmanship of Dr. Jack Masur, CC Director, more than 400 NIH keymen will conduct the UGF fund drive here during the month of October. The goal set for NIH's 6,395 employees in the metropolitan area is \$60,469.

One of the major events planned for the campaign is a rally in the CC auditorium, October 7, to be addressed by DHEW Secretary Arthur S. Flemming and Dr. John D. Porterfield, PHS Deputy Surgeon General. A highlight of the event is bagpipe music by the Kilties band. All employees are invited to attend.

Co-chairman of the campaign is Richard L. Seggel, Executive Officer and Director of OAM. Publicity chairman is Judson Hardy, CC Information Officer.

(See *UGF Campaign*, Page 2)

## RUSSIAN VISITORS SEE NIH RESEARCH

Dr. Aleksandra M. Markov, Professor and Member of the Collegium of the Ministry of Health, and Dr. Valeri N. Butrov, Counsellor of the Ministry of Foreign Affairs, both of the U.S.S.R., visited NIH September 25 as official delegates of Nikita S. Khrushchev, Chairman of the Council of Ministers of the U.S.S.R.

At a brief ceremony of greeting in the CC lobby, DHEW Secretary Arthur S. Flemming told the visitors that doctors here look forward to the opportunity of comparing notes with them so that the people of all nations will benefit. PHS Surgeon General Leroy E. Burney pointed out that health is a common goal, causing barriers to disappear, and that the gains of any nation help to advance this common cause of mankind.

Dr. Markov expressed the hope that doctors of the two countries can expand the fruitful contacts they have made over the past few years in order to benefit the whole world.

Following a brief explanation by Dr. James A. Shannon, NIH Director, of the functions of PHS and NIH, Dr. Jack Masur, CC Director, conducted the official party and members of the press on a tour of selected areas of the CC.

Presentations on the 9th floor included talks by Dr. Joseph J. Bunim, Clinical Director, NIAMD, on the treatment of gout with colchicine and sulfinpyrazone; and by Dr. DeWitt Stetten, Associate Director in Charge of Research, NIAMD, on molecular diseases, in particular the recent work done here on galactosemia. Several laboratories were visited on this floor.

Dr. Charles G. Zubrod, Clinical Director, NCI, conducted the group through a leukemia ward on the 2d

(See *Russian Visitors*, Page 4)

## DR. SHANNON RECEIVES FAMILY HEALTH AWARD



Dr. James A. Shannon, NIH Director, holds the Parents' Magazine Medal presented to him by Robert S. Cramer, vice president and director of editorial services of Parents' Magazine. The medal was awarded in recognition of "the vital role which NIH plays in the physical and mental well-being of America's families." The presentation was made in Dr. Shannon's office September 29.



The crystal ball predicts success for the UGF drive at NIH, says the chairman, Dr. Jack Masur. Assistant Swamis are Howard E. Kettl, Margaret Badger, and Genevieve Garner. Timetested aid to weathermen, sports writers, and obstetricians, the crystal ball is a new addition to scientific research instrumentation at NIH.

## GIVE TODAY-- THE UNITED WAY

A minimum of \$7,133,000 is needed this year by the National Capital Area United Givers Fund to support its 146 member agencies.

Combined into one fund-raising campaign, the UGF drive is conducted by over 45,000 volunteer workers and a year-round UGF staff of 40 persons. The member agencies have met rigid standards of nonprofit incorporation, sound financial status, and valid health, welfare, or recreation programs.

Providing over 500 services to residents of this area, the 146 agencies include such basic programs as care for homeless and neglected children, counseling on personal and family problems, hospital care, legal help, mental health services, rehabilitation of the physically handicapped, blood programs, and care for the aged.

While contributions will be accepted by cash or check, givers are urged to pledge periodic payments, starting in January 1960.

Contributions may be designated specifically for any one or several of the agencies. If the donor wishes to keep his gift private, he may use a plain envelope without name or identification.

**Personnel Management  
Branch, OAM, Reached  
115% Of Their Quota  
On September 29**

## UGF CAMPAIGN Contd.

In addition, there are chairmen, vice-chairmen, and keymen in each Institute and Division. Division chairmen and vice-chairmen are Howard E. Kettl and Genevieve L. Garner, OD; Dr. Roderick Murray and George Brust, DBS; Dr. G. Halsey Hunt and Calvin B. Baldwin, DGMS; Dr. Ernest M. Allen and Robert L. Weber, DRG; William B. Page and Elwyn Meenan, DRS; Dr. Robert Farrier and Margaret Badger, CC.

Institute chairmen and vice-chairmen are Dr. G. Burroughs Mider and George E. Summers, NCI; Dr. James Watt and Dr. Robert Berliner, NHI; Dr. Justin Andrews and Dr. Dorland Davis, NIAID; Dr. Floyd S. Daft and Clair E. Lacey,

## FSEE EXAMINATION REOPENED BY CSC

The U. S. Civil Service Commission has announced the reopening of the Federal Service Entrance Examination.

Under NIH and PHS promotion plans, participation in the FSEE is required for employment, promotion or reassignment to certain positions. Interested employees are urged to take the examination, and to send a record of the test to the Employment Officer, Room 18, Building 1.

Application dates for the examinations are as follows: Oct. 29 for test given on Nov. 14; Dec. 24 for test on Jan. 9, 1960; Jan. 28 for Feb. 13; March 25 for April 9; April 28 for May 14.

## Machine Speeds Arrangements For Air Travel

A new electronic device installed at NIH is providing more rapid, convenient, and efficient service to NIH employees who travel by air.

Known as a teleticketing machine, it prints airline tickets as they are transmitted directly from airline traffic departments. The procedure, for domestic travel only, eliminates ticket pickups at PHS or airline ticket offices.

All airlines in the Washington area are equipped to use the teleticketing process. The machine is installed in the Administrative Services Section, OAM, Building 1.

NIAMD; Dr. Francis A. Arnold and John E. Fitzgerald, NIDR; Dr. Robert H. Felix and Charles E. Mills, NIMH; and Dr. Richard L. Masland and Eckart Wipf, NINDB.

## UNITED GIVERS FUND QUOTAS - 1959

Institute or Division	No. of Employees	Quota
Office of the Director--Office of Administrative Management	757	\$ 4,565
Research Services	821	6,609
Research Grants	273	2,730
General Medical Sciences	59	595
Biologics Standards	179	1,530
Clinical Center	1,504	8,265
Cancer	821	10,330
Heart	377	4,660
Mental Health	506	6,585
Dental Research	113	1,535
Arthritis and Metabolic Diseases	376	6,490
Allergy and Infectious Diseases	329	3,595
Neurological Diseases and Blindness	280	2,980
Totals	6,395	\$60,469

## Publication Preview

The following manuscripts were received by the SRB Editorial Section between May 13 and May 25.

### DRS

Dorn, H. F. Some problems arising in prospective and retrospective studies of the etiology of disease.

Koenig, E. Medical research in the Soviet Union.

### CC

Jones, E. Training for the future.

### NCI

Belkin, M.; Hardy, W. G.; Perrault, A.; and Sato, H. Swelling and vacuolization induced in ascites tumor cells by polysaccharides from higher plants.

Breyere, E. J. Effect of prior inoculation of packed erythrocytes on survival of skin homografts in rats.

Dunn, J. E., Jr.; Slate, T. A.; Merritt, J. W.; and Martin, P. L. Findings from cytological examination of 33,750 women one or more times for uterine cancer.

Fahey, J. L., and Horbett, A. P. Human gamma globulin fractionation on anion-exchange cellulose columns.

Forkner, C. E., Jr. *Pseudomonas aeruginosa* infections (A review of the literature).

Heller, J. R. Advances in cancer research. Love, R., and Rabson, A. S. Cytochemical studies of milk-adapted murine lymphoma cells (Strain P388D<sub>1</sub>) infected with polyoma virus.

Peppers, E. V.; Westfall, B. B.; and Earle, W. R. The glycogen content of cell suspensions prepared from massive tissue culture. II. Comparison of fourteen cell strains after long cultivation *in vitro*.

Pratt, A. W., and Putney, F. K. Gross body composition and total energy metabolism in normal rats.

Staehein, M.; Peterson, E. A.; and Sober, H. A. Chromatography of oligonucleotides.

Weinstein, I. B.; Weissman, S. M.; and Watkin, D. M. The plasma vitamin B<sub>12</sub> binding substance: I. Its identification in the serumucoid fraction of plasma.

### NHI

Conney, A. H., and Burns, J. J. Stimulatory effect of foreign compounds on ascorbic acid biosynthesis and on drug-metabolizing enzymes.

Goldberg, L. I., and Sjoerdsma, A. Effects of several monoamine oxidase inhibitors on the cardiovascular actions of naturally occurring amines in the dog.

Gegerman, R. I., and Gaffney, G. W. Thyroxine turnover in a case of non-specific hypermetabolism accompanying lymphosarcoma.

Mildvan, A. S., and Strehler, B. L. A critique of theories of mortality.

Strehler, B. L. Origins and comparisons of the effects of time and high energy radiations on living systems.

Waldhausen, J. A.; Lombardo, C. R.; McFarland, J. A.; Cornell, W. P.; and Morrow, A. G. Studies of hepatic blood flow and oxygen consumption during total cardiopulmonary bypass.

### NIAID

Philip, C. B. Malaysian parasites. XXXVI. A summary review and records of *Tabanidae* from Malaya, Borneo, and Thailand.

von Brand, T. Influence of size, motility, starvation, and age on metabolic rate.

### NIAMD

Bloom, B. The Ogston concept: An application to the quantitative evaluation of multiple pathways.

Chang, Y. T. Mercaptan compounds in tuberculosis and leprosy.

Chang, Y. T. More about the phenazine dyes. Antituberculous activity in the phenazine series.

Corwin, L. M., and Lipsett, M. N. Studies on stability of rat liver mitochondria. 2. Relation of the electron transport system to swelling.

Eddy, N. B., and Isbell, H. Addiction liability and narcotics control.

Kirkman, H. N. Characteristics of glucose-6-phosphate dehydrogenase from normal and primaquine-sensitive erythrocytes.

Peterson, R. E. Adrenocortical steroid metabolism and adrenal cortical function in liver disease.

Silverman, M.; Gardiner, R. C.; and Bakerman, H. A. The excretion of formiminoglutamic acid by the rat. Influence of dietary ethionine and fat.

### NIDR

Arnold, F. A., Jr. Dental research, past-present-future.

Glenn, F. B., and Stanley, H. R., Jr. Dilaceration of a mandibular permanent incisor - A case report.

Lloyd, R. S., and Baer, P. N. Periodontal therapy by root resection.

### NIMH

Bayley, N. How children grow: The patterns differ.

Bell, R. Q. Interaction of infant and parent characteristics.

Bradley, D. F., and Wolf, M. K. Aggregation of dyes bound to polyanions.

Carlson, V. R. Overestimation in size constancy judgments.

Felix, R. H. Stress.

Fox, J. H. Alcoholism research: Some directions and problems.

Geisser, S. Testing the difference between two treatments with relevance to a particular ward situation.

Greenberg, H. A. Research in personality development. A study of the disturbed college student in a therapeutic setting.

Hordern, A. Report on McGill University Conference on Depression and Allied States, Montreal, March 19-21, 1959.

Knee, R. I., and Hewitt, R. T. Aftercare services for the mentally ill: Resources of public welfare agencies.

Linn, E. L. The psychotic patient and the role of the social deviant.

Perlin, S. Group behavior: The perception and tolerance of psychopathology on a hospital ward.

Schaefer, E. S., and Bayley, N. Consistency of maternal behavior from infancy to preadolescence.

Williams, R. H. Dependency problems in modern society.

### NINDB

Albers, W. The distribution of  $\gamma$ -aminobutyrate and related enzyme systems.

Myrianthopoulos, N. Genetics and public health.

Tower, D. B. The administration of gamma-aminobutyric acid to man: Systemic effects and anticonvulsant action.

## NIH RECORD

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## NCI BIOLOGIST IS CITED FOR COMMUNITY SERVICE

Hilda Wexler, biologist in the Surgery Branch, NCI, has received a meritorious service award from the American Cancer Society for outstanding services in community education.

As a volunteer, Miss Wexler has directed 100 ACS-sponsored programs for a variety of organizations in metropolitan Washington. Programs are designed to alert the public to the danger signals of cancer.

## ROCKEFELLER AWARDS PROGRAM TO CHANGE

DHEW has received the following notice from the Faculty Secretary of Princeton University:

"The Rockefeller Public Service Awards program will not be conducted in the future as it has been in the past. With the passage of Public Law 85-507, one of the major purposes of the Rockefeller Public Service Awards was realized. It has not yet been decided what the future program will be, but it will be quite different in its operation. When such a decision is reached, all Federal Government agencies will be notified."

## NIH LECTURE Contd.

after further research training he returned to the Institute in 1947 for a period of six years. In 1950 he received the Paul-Lewis award of the American Chemical Society for his outstanding contributions to enzyme chemistry.

All NIH employees and guests are invited to attend the lecture.



Dr. Arthur Kornberg

## MEMBERS OF KHRUSHCHEV PARTY VISIT CLINICAL CENTER



From upper left, clockwise, Dr. Aleksandra M. Markov is greeted by DHEW Secretary Arthur S. Flemming in front of the Clinical Center. On a tour of the building, Dr. Markov greets two young patients and receives a token gift of toys from patient Gail Winkler, 15, for sick children in his own country. Dr. Charles G. Zubrod, Clinical Director, NCI, describes leukemia-virus research to Drs. Markov and Butrov, and Dr. Joseph J. Bunim, Clinical Director, NIAMD, discusses NIH research in gout.

### RUSSIAN VISITORS Contd.

floor. Dr. Emil Frei, General Medicine Branch, NCI, discussed cancer chemotherapy research.

From the CC auditorium the guests saw a televised demonstration of the current treatment of choriocarcinoma by Dr. Roy Hertz, Chief of the Endocrinology Branch, NCI.

Television cameras stationed on the 2d and 9th floors provided continuous coverage of the tour and demonstrations. The closed circuit telecast was seen in the CC auditorium and lobby and at the Walter Reed Army Medical Center.

### FIRE PREVENTION WEEK

October 5-9

### DR. MONNIER NAMED TO NEW NINDB POST

Dr. Dwight C. Monnier, formerly of the Massachusetts Department of Public Health, assumed the new post of Assistant to the Director of NINDB's Perinatal Program on September 21. In this position, Dr. Monnier will assist Dr. Richard L. Masland, NINDB Director, in coordinating the nationwide study to determine the causes of neurological defects in newborn babies.

A native of Massachusetts, Dr. Monnier has had extensive experience in public health work at local, State, and international levels. Before coming to NIH, he was director of training and research at the Massachusetts Department of Public Health. He has also been executive and educational director of the University of Buffalo's Rehabilitation

### DBS EXHIBIT IN CC LOBBY

DBS's Laboratory of Blood and Blood Products exhibit is on display in the CC lobby during October.

The outstanding feature of the three-panel exhibit is a map of the United States in deep blue, with colored lights marking each of the establishments licensed by DBS for the preparation and distribution of blood and blood products. These include citrated whole blood, human plasma, serum albumin, and blood grouping and typing serums.

The exhibit is scheduled to be shown at three meetings this fall and at the International Society of Hematology meetings in Tokyo next year.

Center and Committee on Alcoholism.