

NIH



record

DEPARTMENT OF
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PUBLIC HEALTH SERVICE
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ASSOCIATE PROGRAM OFFERS LECTURES

The NIH Research Associate Program, now in its third year, is offering a series of lecture courses in the fundamentals of basic science and research developments. Staff professional personnel are eligible to attend.

This year, ten young physicians who have completed internships or first-year residencies are participating in the two-year program designed to prepare them for basic medical research. Each associate has been assigned to a laboratory where he will participate in a research program. In addition, an intensive series of lectures and conferences will be presented.

A total of 145 hours of lectures in the basic medical sciences and related disciplines will be given by highly qualified NIH scientists. The lectures are limited to NIH personnel who, with their supervisors' approval, wish to attend on a course basis. Lectures will be given from 9-10 a.m. every Monday, Wednesday, and Friday in Building 10, Room 7N-232.

The major fields to be covered are organic chemistry, tracer methods, mathematics, physical chemistry, instrumentation, and statistics.

Additional information may be obtained from Carol Long, ext. 2427.

Rocky Mt. Honors Aide

James E. Kyle, physical science aide at NIAID's Rocky Mountain Laboratory, Hamilton, Mont., received a \$100 cash award last month for superior work performance.

Mr. Kyle was cited for his "continuing perseverance far beyond what is normally expected of assistants in his grade," and for "the conscientious and thorough way that he has performed his duties."

OFFICE OF ADMINISTRATIVE MANAGEMENT REPLACES DBO IN NIH REORGANIZATION

Reorganization of NIH central administrative management functions was announced July 15 by Dr. James A. Shannon, Director of NIH.

Effective on that date, the Division of Business Operations was abolished and its functions transferred to a new Office of Administrative Management, under the direction of Richard L. Seggel, NIH Executive Officer.

Within the structure of the Office of the Director, the newly created OAM is parallel to the Offices of Research Information and Research Planning. Heads of these Offices are immediately responsible to the Director.

Richard H. Henschel, formerly Chief of DBO, occupies the new position of Assistant Executive Officer within the Office of Administrative Management. In this capacity he assumes primary duties in the area of day-to-day business operations, in addition to broad responsibilities as assistant to the Executive Officer.

DRG PREDICTS HIGHEST GRANTS REQUEST TOTAL

Requests for research grants, to be reviewed at the next two meetings of the National Advisory Councils, will exceed all previous records, according to observations made by the Office of the Chief, DRG.

The councils will meet during October-November 1959 and February-March 1960. The number of applications received by DRG before the July 1 deadline set an all-time record, and the number of requests for applications is nearly double the number received during the same period last year.

Dr. Dean, Ex-NIDR Head, Retires From ADA Group

Dr. H. Trendley Dean, former Director, NIDR, retired as secretary of the American Dental Association's Council on Dental Research in Chicago last month.

Dr. Dean initiated the PHS fluoridation studies in 1931. He became director of NIDR when that Institute was established in 1948.

In 1952 he shared with Dr. Frederick S. McKay, Colorado Springs, Colo., the American Public Health Association's Lasker Award for pioneering fluoridation studies.

Staff aide to the Executive Officer and the Assistant Executive Officer is Howard E. Kettl, who will be responsible for carrying out projects as assigned.

Branches within the new Office remain substantially the same as within DBO. They are:

- Financial Management Branch, transferred from DBO, with George A. Van Staden as Chief.
- Personnel Management Branch, transferred from DBO but strengthened through the establishment of a new position of Chief of Personnel, who will be principally concerned with policy development and planning. This position remains to be filled. Glenmore A. Wilbur, formerly Personnel Officer, DBO, named Assistant Chief, is serving as Acting Chief of the Branch.
- Management Policy Branch, formed by combining the functions of the Management Analysis Branch of DBO with those of the Management Policy Appraisal staff of the Office of the Executive Director. The position of Chief of the Branch has not yet been filled.
- Supply Management Branch, transferred from DBO, with James B. Davis as Chief.
- Plant Safety Branch, transferred from DBO, with George P. Morse as Chief.

(See Reorganization, Page 2)

NEW NIH BUS SCHEDULE ISEFFECTIVE AUG. 4

The Transportation Section, Office Services Branch, OAM, has announced the re-routing of NIH busses, effective August 4.

The revised schedule includes a new route, providing quicker, more direct bus service between Stone House and Building T-6, with stops at Buildings T-19 and One.

In addition to the new route, regular service will continue between other buildings on the reservation.

The new schedule is:

NORTHBOUND

Leave	Building T-6	9:00 a.m.	9:15 a.m.
"	Building T-19	9:01 a.m.	9:16 a.m.
"	Building 1	9:03 a.m.	9:18 a.m.
"	Building T-6	9:05 a.m.	9:20 a.m.
"	Building 6	9:07 a.m.	9:22 a.m.
"	Building 10	9:08 a.m.	9:23 a.m.
"	Building 13	9:11 a.m.	9:26 a.m.
"	Building 12	9:12 a.m.	9:27 a.m.
"	Building T-19	9:14 a.m.	9:29 a.m.
Arrive	Building 16	9:15 a.m.	9:30 a.m.

SOUTHBOUND

Leave	Building T-6	9:00 a.m.	9:15 a.m.
"	Building 1	9:02 a.m.	9:17 a.m.
"	Building 16	9:04 a.m.	9:19 a.m.
"	Building T-19	9:05 a.m.	9:20 a.m.
"	Building 12	9:07 a.m.	9:22 a.m.
"	Building 13	9:08 a.m.	9:23 a.m.
"	Building 10	9:11 a.m.	9:26 a.m.
"	Building 6	9:12 a.m.	9:27 a.m.
"	Building 1	9:13 a.m.	9:28 a.m.
Arrive	Building T-6	9:15 a.m.	9:30 a.m.

The above schedule will continue every quarter-hour from 9:00 a.m. through 4:00 p.m. except that no bus will run 10-10:15 a.m. and 2-2:15 p.m.

NCI Publishes Guide Of Fellows, 1938-1958

The Office of the Director, NCI, has recently published the first directory of its research fellows since the fellowship program began in 1937.

"Research Fellows of the National Cancer Institute" lists alphabetically a total of 1,169 former fellows and active fellows of the Institute, the name of the research project, and the investigator's present position.

The directory reveals that about half of those appointed in the early years of the Institute are now permanent members of the NCI staff in key research positions.

JOINT FUND DRIVE NETS \$600,000 IN D.C. AREA

Federal employees, including military personnel, in the Washington area contributed almost \$600,000 to the Federal Service Health Campaign-Joint Crusade during the fund drive conducted last spring. This information was released this month by the two agencies.

Recipients of \$395,411 contributed through the 1959 Federal Service Health Campaign were Metropolitan Washington chapters of eight national health agencies.

Contributions to the Federal Service Joint Crusade totalled \$197,631. These funds will make it possible for CARE to distribute 2,250,000 pounds of surplus food to needy peoples throughout the world, for the American-Korean Foundation to provide aid to the school children of Korea, and for Radio Free Europe to continue its broadcasts.

The combined campaign is one of two on-the-job fund drives permitted each year among Government employees in the Washington area.

REORGANIZATION Contd.

• Office Services Branch, transferred from DBO, with Donald R. Cushing as Chief.

The realignment involves no basic changes in lines of communication between the Institutes and Divisions and the central management services.

Purposes of the reorganization as set forth in the announcement are fourfold:

1. To clarify the responsibility of the Executive Officer to provide effective and efficient central management services and establish clear functional lines of responsibility;
2. To provide the heads of key functions with ready access to top management and to emphasize their policy development as well as their operating responsibilities;
3. To eliminate overlapping functions in the area of management analysis and appraisal; and
4. To provide for such delegations of operating responsibilities within the new office as are necessary to enable the Executive Officer to devote maximum time as assistant and advisor to the Director on policy matters relating to administration and supporting research services.

Publication Preview

The following manuscripts were received by the SRB Editorial Section between March 19 and April 1.

DBS

Li, C. P.; Kirschstein, R. L.; and Jahnes, W. G. Intracerebral passage of sarcoma 180 in mice and hamsters.

CC

Williams, G. Z., and Peacock, A. C. Ultra-violet studies of tetrazolium reduction in living cells.

NCI

Archer, V. E., and Luell, E. Effect of selenium sulfide suspension on hair roots.

Blum, H. F. Coordinated growth of parts and cancer.

de del Campo, M. S. B., and Edelson, S. R. A simple method for preparing microscopic slides of mammalian cells grown *in vitro*: The cotton swab smear technique.

Fahey, J. L., and Horbett, A. P. Chromatography of serum proteins in normal and pathologic sera. II. The gamma globulins.

Heller, J. R. Progress against cancer.

Heller, J. R. The widening scope of cancer research.

Kinsey, D. L., and Smith, R. R. Contrasts between human and experimental melanomas.

Merwin, R. M. Induction of plasma-cell neoplasms and fibrosarcomas in BALB/c mice carrying diffusion chambers containing C3H mammary tumor tissue.

Potter, J. F. The isolation of tumor cells in the circulating blood from head and neck patients.

Rubin, P.; Andrews, J. R.; Swarm, R.; and Gump, H. Radiation induced dysplasias of bone.

Weissman, S. M.; Waldmann, T. A.; and Berlin, N. I. The quantitation of erythropoiesis in the dog.

NHI

Brodie, B. B. Evolution of nervous control. Bronk, J. R. Some actions of thyroxine on oxidative phosphorylation.

Duggan, D. E., and Titus, E. 6-chloropurine and 6-chlorouracil as substrates and inhibitors of purine oxidizing enzymes.

Duncan, L. E., Jr., and Buck, K. The passage of labeled cholesterol into the aortic wall of the dog with normal serum lipoproteins.

Grant, R. P. Peri-infarction block.

Long, R. T. L.; Lombardo, C.; and Braunwald, E. The use of radioactive krypton and cardio-green dilution curves in the detection of experimental portal-systemic venous shunts.

Mitoma, C., and Udenfriend, S. Bacterial tryptophan decarboxylase.

Schanke, L. S. Absorption of drugs from the rat colon.

Sjoerdsma, A.; Lovenberg, W.; Oates, J. A.; Crout, J. R.; and Udenfriend, S. Alterations in the pattern of amine excretion in man produced by a monoamine oxidase inhibitor.

Strehler, B. L.; Mark, D. D.; Mildvan, A. S.; and Gee, M. Y. Rate and magnitude of age pigment accumulation in the human myocardium.

White, F. H., Jr. Thiolation as a side reaction in the reduction of ribonuclease.

NIAID

Halonen, P.; Rosen, L.; and Huebner, R. J. Homologous and heterologous complement fixing antibody responses in persons infected with ECHO, Coxsackie and poliomyelitis viruses.

Jeffery, G. M. Association of encephalitis virus with *Nippostrongylus muris* in mice.

Olivier, L., and Haskins, W. T. The influence of very low concentrations of sodium pentachlorophenate upon the fecundity and egg viability of *Australorbis glaberratus*.

Young, M. D. Malaria—a story of scientific exploration and achievement.

NIAMD

Ehrlich, G. E.; Peterson, L. T.; Sokoloff, L.; and Bunim, J. J. Pathogenesis of rupture of extensor tendons at the wrist in rheumatoid arthritis.

Hagins, W. A., and Jennings, W. H. Radiationless migration of electronic excitation in retinal rods.

Itano, H. A. Molecular disease.

Lerner, E. M., II. Summary of session on morphology and classification. (Conference on biology of the pleuropneumonia-like organisms.)

Mehler, A. H. Metals and enzyme activity.

Warren, L. The thiobarbituric acid assay of sialic acids.

Wyckoff, R. W. G. Science and the meaning of life.

NIDR

Stanley, H. R., Jr., and Krogh, H. W. A peripheral ameloblastoma—a case report.

Swerdlow, H., and Stanley, H. R., Jr. Higher speeds in dentistry.

NIMH

Coggeshall, R. E., and MacLean, P. D. Cerebral effects of 3-acetylpyridine in the squirrel monkey (*Saimiri sciureus*).

Elkes, J. Psychopharmacology: The need for some points of reference.

Faegre, C. L. Some modifications of school methods in teaching disturbed children.

Feinberg, I. A comparison of the visual hallucinations in schizophrenia with those induced by mescaline and LSD-25.

Fisher, S., and Cole, J. O. Methodological problems in drug research with children.

Glaser, J. Teacher personality: The growth of assurance and authority.

Haertzen, C. A., and Hill, H. E. Effects of morphine and pentobarbital on differential MMPI profiles.

Kitchener, H.; Sweet, B.; and Citrin, E. Problems in the treatment of impulse disorder in children within a residential setting.

MacLean, P. D.; Robinson, B. W.; and Ploog, D. W. Experiments on localization of genital function in the brain.

Mann, J. D., and LaBrosse, E. H. The urinary excretion of phenolic acids by normal and schizophrenic males.

Noshpitz, J. D., and Spielman, P. M. Diagnosis: Study of the differential characteristics of hyperaggressive children.

Roush, H. L., and Sweet, B. Ego resources of well-adjusted preadolescents—observations in a residential treatment center.

Rosenthal, D. Some factors associated with concordance and discordance with respect to schizophrenia in monozygotic twins.

Taylor, T. J. Staff conception of improvement in hyperaggressive children in a closed and an open treatment milieu.

NINDB

Cohan, B. E. Experimental intraocular venography.

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NIH Spotlight



Ann L. Dingledine

One of Bethesda's more exclusive addresses is 120 Center Drive, known to some NIH employees as "Building 20" and to others as simply "the apartment house."

One-twenty Center Drive is one of the few government-operated apartment houses in the Washington area, and its 80 units are open only to certain applicants. All the residents there are NIH personnel whose applications for apartments were approved on a job-priority basis.

Manager of the seven-story building is Miss Ann Dingledine, a quiet and capable lady who does a man-sized job of overseeing all the maintenance, repair, and tenant relations that are involved in housing management.

Miss Dingledine came to NIH as apartment manager in 1954, and joined the first tenants in the building when it was opened. Since then, she has seen scores of NIH employees come and go. "We average a turnover of about 30 apartments each year," she explains. "We're busiest around June and July, because most of the doctors leave at the end of the fiscal year, and the new ones are anxious to move in July 1. That calls for fast painting and redecorating."

Ann Dingledine brought to NIH a solid background of housing management and human relations. A native of Rockingham Co., Va., she spent five years in Greece, Turkey, and Russia, working with refugees for a private relief organization, and traveled through those countries, the Middle East, and Europe.

After experience with a real estate firm in New York, Miss Dingledine joined the New York City Housing Authority and became assistant

DR. ANDERSON RETIRES; PHS NAMES DR. ARNOLD

Dr. Richard C. Arnold, former chief of the Heart Disease Control Program, Bureau of State Services, PHS, has been appointed Assistant Surgeon General for Personnel and Training, PHS. He succeeds Dr. Otis L. Anderson who retired last June.

From 1951 to 1956, Dr. Arnold was Chief of the Technical Services Branch, NHI.

Dr. Anderson, who retired after 30 years of Federal service, has joined the Washington staff of the American Medical Association as a medical liaison representative.

Dr. Bieri To Study On Fulbright Grant

Dr. John G. Bieri, NIAMD, will spend the period September 1, 1959-June 1, 1960, at the Danish Polytechnic Institute in Copenhagen, Denmark, as a Fulbright scholar.

Dr. Bieri plans to conduct research on the nutritional and biochemical aspects of vitamin E deficiencies.

manager of Queensbridge Houses (over 3,000 units) and manager of the now-famous "First Houses" (122 units). During World War II she was with the Public Housing Administration in Arlington, Va., where she became manager of George Pickett Homes (500 units).

Building 20 is probably easier to manage than most civilian apartment projects, Miss Dingledine believes. "For one thing," she says, "I don't have to collect any rent—it's taken out of the tenant's check each payday. And it's easier to get maintenance work done."

Miss Dingledine has two service men to assist her with the routine work. "For maintenance jobs, I just phone over to the shops, and they take care of the rest. Elsewhere, it's a little more complicated than that."

Though apartment management is a 24-hour-day job, Miss Dingledine occasionally gives in to her earlier travel urge. Her most recent trip took her to the sunny Southwest. "I may go back there some day," she says, "Arizona has a strong appeal."

CLINICAL PATHOLOGY AIDS ALL INSTITUTES

The Clinical Pathology Department of the Clinical Center provides a centralized analytical service to assist all of the Institutes in their research studies and daily patient care.

As an integral part of each patient-study, the Department provides laboratory data covering hematology, clinical chemistry, and microbiology. Analyses of blood, urine and other body fluids for chemical constituents such as protein and glucose provide an evaluation of the patient's basal chemical and biological reactions and states.

Emphasis is placed on the highest standards of accuracy, quality control, and utilization of up-to-date methods.

A continuing program of advanced education is provided the medical technologists, chemists, bacteriologists, and clinical pathologists in the Department.

These pictures illustrate some of the 30,000 procedures completed each month.



Steroids are extracted from urine specimens to measure certain hormones produced by the adrenal glands.



Patients' blood specimens are sorted, identified, and weighed for centrifuging in preparation for testing.



One important step in preventing a staphylococcal epidemic is the growth of patient-borne staphylococci on a culture plate to identify the type and sensitivity of the bacteria.



Clot formation is timed to determine activity of certain clotting constituents in the serum of a patient with a bleeding abnormality.