NIH GUARD CAPTAIN NEIL K. WOOD points out an area for temporary parking to Guard Dorsey Plummer. Several such areas will be available until the additional 500 permanent parking spaces are constructed.

NIH PLANS TO LAUNCH TALKS FOR LAY GROUPS

Plans are being drawn for a number of talks to be given at NIH by staff members for the purpose of familiarizing the lay person with the various research projects on the reservation. The talks, which have been under consideration for several months, were approved a few weeks ago by the Institute Directors.

Employees, their families, and friends may attend the informal talks, to be held in the evening in the Clinical Center Auditorium. Anouncements will be circulated before each talk and tickets will be available at no charge. Question periods will follow the presentations.

Tentative plans include talks on smoking and lung cancer, polio, emotional disturbances of children, brain surgery, and epilepsy. No dates have as yet been arranged.

SESSOMS, HEWITT RECEIVE NEW POSTS

Appointments of Dr. Stuart Sessoms to the medical staff of the Director of the Clinical Center, and, of Dr. Robert T. Hewitt to head the Mental Hospital Survey Activities of NIMH were recently announced by the NIH Director. The new assignments will become effective March 1.

A native of North Carolina and a graduate of the University at Chapel Hill, Dr. Sessoms received his M.D. from the Medical College of Virginia. He received special training in internal medicine at the PHS Hospital in Baltimore, the Johns Hopkins University School of Medicine, and the Memorial Center for Cancer and Allied Diseases in New York. Since 1953, he has been a member of the NCI General Medicine Branch, and for a period served as Acting Branch Chief.

(See Appointments, Page 3)

NIH STATION RULES TO BE ESTABLISHED

As in many growing communities, the traffic and parking problem has come to NIH. With it have come rules and regulations governing the travel and parking of vehicles on the grounds.

Since 1939, when NIH had only 157 employees, the station has grown to 306 acres, 43 buildings, 7 miles of roads, and more than 4,000 employees. It is, moreover, a point of interest to nearly 65,000 visitors each year. With this coming of age has come the need to review some mutual responsibilities for the safe and orderly conduct of NIH activities.

To meet the problem of crowded parking areas and the hazards of our growing automobile population, Dr. W. H. Sebrell, Jr., NIH Director, is issuing general traffic rules based on those established for the State of Maryland. He has asked all employees to observe posted instructions on the grounds and to follow the universally accepted "courtesy of the road" at all times.

The new traffic regulations, according to the Director, are not unique. They are comparable to such NIH regulations as those for fire prevention and the humane handling of animals. The guards, the Director explained, have been especially instructed to exercise tact and courtesy in the enforcement of the new regulations.

In a consolidated set of station rules soon to be issued, NIH employees will be notified that traffic and building rules, including those regarding the use of building and property passes, will be more strictly enforced in the future. Violations by visitors will be met first by a warning and then, if necessary, removal from the reservation on
Antibiotics for Dental Caries
No. 135 in a Series

Dr. Robert J. Fitzgerald swabs the mouth of a rat held by William L. Poole, while Harold V. Jordan, center, looks on. This sample will be tested for oral bacteria. Studies are being conducted in NIDR's Laboratory of Oral Bacteriology.

The use of antibiotics for control of dental caries in the rat offers a possible approach to the bacterial etiology of caries.

In NIDR's Laboratory of Oral Bacteriology, Dr. Robert J. Fitzgerald, Harold V. Jordan, and William L. Poole are conducting experiments with antibiotics in an attempt to clarify the role of various groups of microorganisms in dental caries. Since it is generally supposed that caries is a bacterial disease, it is expected that antibiotics may be used as an inhibiting agent.

In these experiments, rats are fed high sugar content diets, which normally result in a high incidence of caries. When certain antibiotic agents were added to the diets, investigators found a marked reduction in caries. These results suggest that the microorganisms susceptible to penicillin and bacitracin may be responsible for rat caries; also, it might seem possible to exclude a number of other types of microorganisms insensitive to the two antibiotics.

Bacitracin has been incorporated into one of the mouthwashes being used in a study begun several months ago of 1,500 elementary school children in Spotsylvania County, Va., under the direction of Dental Director Frank E. Law, DHEW, Third Regional Office. Periodic checks on the types of bacteria present in the mouths and on the teeth of the children are being made in an effort to determine which organisms are principally involved in the production of caries.

Polymyxin, with a predominantly gram-negative spectrum of activity, was not significantly effective. Strepomycin, aureomycin, terramycin, and acrylomycin - the broad spectrum antibiotics inhibiting both gram-positive and gram-negative bacteria, were less effective than penicillin or bacitracin.

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Publication Preview

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Burke, Frederic G. et al. Diagnosis and treatment of bacterial meningitis in infants and children.

Cahnmann, H. J. Detection and quantitative determination of benzo(a)pyrene in American shale oil.

Cancer Institute. A summary report of a cancer nursing study in forty-nine public health agencies.

Debrovsky, Charles G. et al. Initial field trials with some molluscsacides in Brazil.


Gamow, G. et al. The problem of information transfer from the nucleic acids to proteins.

Greenberg, Joseph et al. Glucosamine in the culture of Endotoxin histolytica with a mixed bacterial flora.

Heller, John R. New horizons in cancer research.


Isbell, Harris. Medical aspects of opiate addiction.


Kohls, Glen M. ticks (Ixodidae) of Borneo and Malaya.

Komp, William H. W. Notes on the larva of Hoemagogus panarchys Dyar (Diptera, Culicidae).

Miles, James English et al. The effect of prefrontal lobotomy in rhesus monkeys on delayed response performance motivated by pain shock.


Parloff, Morris B. Comparison of therapeutic relationships established by two expert group therapists with the same patients.

Redl, Fritz. Can nice children be delinquent?

Sato, Yoshio et al. Synthesis and stereochemistry of some solanadin-3-ones.


Shelkov, Alexis et al. Relation of poliomyelitis virus types to clinical disease and geographic distribution.

Shimkin, Michael et al. Some quantitative observations on the induction and growth of primary pulmonary tumors in strain A mice.

Smith, F. et al. Effect of parenteral injections of particulate matter on survival of X-irradiated animals.

Stewart, Sarah E. Neoplasms in mice inoculated with cell-free extracts or filtrates of leukemic mouse tissues. II. Leukemia in hybrid mice produced by cell-free filtrates.

Stahlman, Frederick Jr., et al. Stimulation of erythropoiesis in irradiated dogs and rats.

Strominger, Jack L. Enzymatic synthesis of guanosine and cytidine triphosphates: a note on the nucleotide specificity of the pyruvate phosphokininase reaction.

Vivian, Donald L. et al. Phrenine synthases.


Waravdekar, V. S. et al. Enzyme changes induced in normal and malignant tissues with chemical agents. V. Effect of acetyl-podophyllotoxin-w-pyrindin chloride on uricase, adenosine deaminase, nucleoside phosphorylase, and glutamic dehydrogenase activities.

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ECKART WIPF TO LEAVE FOR FOA POST IN IRAN

Eckart Wipf, Head of the Personnel Branch's Classification Section, will leave for Teheran, Iran, on or about March 1 for a three-month assignment with the Foreign Operations Administration. Mr. Wipf will serve with the U. S. Operations Mission as one of five trainers of 75 Iranians selected to develop a permanent position classification program for the 75,000 employees of the Iranian Government.

Mr. Wipf and the other trainers, through interpreters, will instruct the trainees in the principles of position classification. This USOM administrative project is one of several seeking to facilitate the job of integrating mission programs of economic and technical assistance into the government structure.

James F. Monahan, Administrative Officer in NHI, will be detailed to the Personnel Branch to serve as Acting Classification Officer during Mr. Wipf's absence.

APPOINTMENTS Cont'd

In his new assignment, Dr. Sessions will serve as Medical Officer for the centralized admission and followup services, and as liaison between the NIH clinical research programs and the central medical services provided by the CC.

Dr. Hewitt, a native of North Dakota, received his B.S. and M.D. degrees from the University of Minnesota, and the M. P. H. degree from the Johns Hopkins University School of Public Health. He received psychiatric training at the Federal Narcotics Hospital, Lexington, Ky., and at the PHS Hospital on Ellis Island. From 1953 to the present, he has served as Assistant Director of the CC. In his new post, Dr. Hewitt will be responsible for developing and carrying out a comprehensive program for improving the care of the mentally ill, especially as it relates to out-patient care and hospitalization.

NIH Spotlight

Arthur P. Cosing

"I have never been in trouble with the police," avers Art Cosing stoutly.

Lean, 28-year-old Art is an Information Specialist in the Heart Information Center of the National Heart Institute. (For variations on this theme, see necktie above.) His job description pigeonholes him this way: he will develop heart educational and informational materials with especial regard to graphic components. Says Art, "I write some, I draw some."

The job keeps him moving. His typewriter and drawing pencils sit on a desk in room 2051, Building T-6, but he frequently can be seen going into Building 3 (with a chart or visual he produced for administrative use), or coming out of Building 10 (where he may have been checking his facts for a research writeup), or perhaps on his way downtown to the Government Printing Office (to read proof on a new publication). His necktie is almost always seen flying windswept over his shoulder. "Some people insist that I throw it there myself. These people are wrong thinkers."

He was born in beautiful Coral Gables, Fla., but unfortunately his family had to beat a hasty retreat to the North that same year, when a hurricane destroyed their home. There followed a succession of homes, in New York, Michigan, and Washington, D. C. In 1944, two months out of high school, Art was drafted into the Infantry. He went overseas, fought in the Battle of the Bulge, made Plt., got wounded, and returned to the States six days before his 19th birthday--a minor record of some sort.

N. I. H. RECORD

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COUNSELING SERVICE IS SPONSORED BY R & W

A counseling service for NIH employees, sponsored by the Recreation and Welfare Association, will start March 1, Ervin Liljegren, R & W President has announced. This new service is designed for employees who are facing personal or family difficulties and who might find help from community social agencies. In making the announcement, Mr. Liljegren emphasized that the service will in no way duplicate those now offered by the Personnel Branch or the Employee Health Service.

Mrs. Geneva Lundberg will serve as counsellor for the six months trial of the project. Mrs. Lundberg brings to her assignment a rich background of training and experience. She has had twelve years of social work experience in Indiana, and has served as medical social consultant to the Bureau of Public Assistance, the Public Health Service, and to the Baltimore Commission on Chronic Illness.

Mrs. Lundberg will be available for consultation on Tuesday of each week in Room 202, Building 16 (ext. 3040). On days other than Tuesdays, appointments may be scheduled by calling ext. 2382.

Art attended the University of Maryland, where he took courses in advertising and journalism. "It was the finest 36 months of my life," says Art. "I cracked a few books, joined Theta Chi fraternity, and edited the student magazine." Art also made Pi Delta Epsilon, journalism honorary, Omicron Delta Kappa, leadership honorary, and Who's Who in American Colleges and Universities.


He married a former Maryland coed last October 16, the morning after Hurricane Hazel hit Washington. "Are hurricanes following me?" he asks.

Art's heroes are Bill Mauldin and James Thurber. "And, oh yes," he adds, "I have never been in trouble with the police."

Ed. Note: The views expressed in this article and caricature are self-inflicted. We asked for it - Art wrote it he drew it - we published it.
THIRD CC GRAY LADY CLASS GRADUATES

The third class of Clinical Center Gray Ladies received diplomas, caps, and pins at graduation exercises held February 17 in the CC. The Gray Ladies, hospital volunteer corps of the American Red Cross, and sponsored here by the Montgomery County Chapter, now number 75, including 30 new graduates.

CO WIVES CLUB PRESENTS SILVER SERVICE TO CC

A silver service was presented to the Clinical Center by the Commissioned Officers' Wives Club at the monthly luncheon Feb. 2. Appropriately engraved, the service consists of a tray, coffee and teapots, sugar bowl, and cream pitcher.

Mrs. James Shaw, president of the group, made the presentation to Miss Edith Jones, CC Nutrition Department Chief. It is planned to use the service for patient affairs and official functions at NIH. Mrs. Leonard A. Scheele is honorary president of the club.

HEART FUND DRIVE

The 1955 Heart Fund Drive will end at NIH on February 25. All employees are urged to turn in their contributions to their administrative officers by that date. The appeal is sponsored by the American Heart Association which conducts research, education, and community service programs. Your contribution will help support the development of new diagnostic tools, methods of treatment, and surgical techniques which promise a more hopeful future for heart patients.

BMB OFFICES MOVE

Several Buildings Management Branch offices have moved from Building 1 to the Clinical Center to help expedite the final construction and changes within the building. The office of the BMB Chief and the Acting Maintenance Superintendent of the CC are located in Rm. B1A-06, the Plans and Specifications Section in B1A-10, the Administrative Services Section in Rm. 1A-01, and the Construction and Shops Section in Rm. 1A-05. All requests for CC maintenance services should be addressed to Mr. Norman Gettings, Rm. B1A-06, ext. 882.

PNEUMATIC TUBE SYSTEM EXTENDED

Installation of pneumatic tube systems between the Clinical Center and Building 1, and the Clinical Center and Building 13, has been completed. Use of the tube systems for transmitting letters and small packages will expedite mail deliveries previously handled by messenger service.

The pneumatic tube station in Building 1 is located in the mailroom, and two tubes have been installed, one for incoming mail and one for outgoing mail. These tubes run to the Clinical Center mailroom. A similar system has been installed between the Clinical Center mailroom and the Supply Unit office in the west end of Building 13, adjacent to Receiving Platform E.

The tubes running between the buildings and within the Clinical Center accommodate carriers 15 1/2" long and 3" in diameter; they travel between 25 and 30 miles per hour.

The pneumatic tube system in the Clinical Center has been in operation for over a year, and has 54 activated stations. Approximately 2,000 carriers are handled daily.

Another internal tube system in Building 13, with three stations, has been operating since July 1953. This system is smaller than the one in the Clinical Center, and accommodates carriers 10" long and 2" in diameter. Fuller utilization of these stations began after completion of the tube system between Building 13 and the Clinical Center.

Except for liquids, animals, fragile or volatile material, bulk packages which can easily fit into the carriers may be sent via the pneumatic tube systems.

STATION RULES Cont’d

grounds of trespassing. NIH employees will, in the face of serious or repeated offenses, be subject to disciplinary action ranging from an official reprimand to a ban on the use of the employee's car on the reservation.

"I am sure that all responsible employees will understand that the regulations are in no way intended to restrict the freedom of activity which we all cherish at NIH," Dr. Sebrell said. "On the contrary," he added, "the regulations will enable us to carry on our work free of hazard, inconvenience, and disorder."

The station rules will be available for general information in each building at the guard's desk, in the administration office of each Institute, and in the office of the NIH guard captain.