HAMSTERS SCHEDULE FALL SHOW FOR OCTOBER 27 & 28

On October 27 and 28, the Hamsters will present their interpretation of "The Ladies of the Corridor," a two-act drama by Dorothy Parker and Arnaud D'Usseau. The production is scheduled for 8:30 p.m. in the Clinical Center Auditorium. Tickets, at $1.10 each, are now available from all R & W Division Representatives and at the Clinical Center Information Desk.

The production will represent a complete departure from the skit and musical presentations of the group in the past. It is the Hamsters' first attempt at drama, except for the successful one-act play series of 1953. A Broadway reviewer described the play as "a bulging package of vivid, absorbing theater. It finds plenty of room for drama, melodrama, comedy, pathos."

Mrs. Hazel Rea is directing the play, and the cast includes Dorothy Ellis, Sue Oliver, Elsie Hoffmeister, Dick Hopkins, Roy Perry, Agamemnon Despopoulos, Chris Faegre, Priscilla Maury, Janet Smith, Alida McBurney, Rose Wolitzky, Leonard Laster, David Ingle, Eleanor Landreau, Philip Joram, and Hazel Gump.

HOSPITAL FACILITIES STUDY SECTION FORMED

A new study section in hospital administration and utilization was established recently, bringing to 22 the total number of study sections at NIH.

Known as the Hospital Facilities Research Study Section, it will have approximately 10 members, and the first meeting will be held on November 18. This section will screen applications for grants to conduct research in the field.

REV. W. R. ANDREW IS NAMED CC CHAPLAIN

The appointment of the Reverend William R. Andrew as the first full-time chaplain of the Clinical Center was recently announced by Dr. James A. Shannon, NIH Director. Prior to his appointment, Mr. Andrew was Chaplain and Supervisor of Clinical Pastoral Training at the Connecticut State Hospital, Middletown, for three years. He held similar positions in Illinois and New Hampshire State Hospitals from 1945 to 1951.

In his new post Chaplain Andrew will direct a program of specialized ministry to the patients of the Clinical Center, including pastoral counseling service according to the individual needs and desires of the patients and their relatives. He will also work cooperatively with the ministers and religious organizations in the community.

Before entering the field of institutional ministry, Chaplain Andrew served for three years as minister of the First Congregational Church in Hampton, Conn. A native of Maine.

DR. DUBLIN JOINS DIRECTOR'S STAFF

Dr. Thomas D. Dublin, Medical Director (R), joined the NIH staff recently in the Office of the Director, with specific assignment to Community Services Programs.

For the past two years, Dr. Dublin has been a medical consultant to the National Foundation for Infantile Paralysis for planning and organization of the poliomyelitis vaccine field trial. From 1948 to 1953 he served as Executive Director of the National Health Council. Prior to that he was Executive Officer and Professor of the Department of Preventive Medicine and Community Health, Long Island College of Medicine.

Dr. Dublin was born in New York City, was graduated from Dartmouth College, and received his M.D. degree from Harvard University in 1936. He was awarded M.P.H. and D.P.H. degrees from Johns Hopkins University.

GEORGE MORSE HEADS PLANT SAFETY BRANCH

George P. Morse has recently assumed duties as Chief of the NIH Plant Safety Branch. He will be responsible for the Guard and Fire Prevention services, which are being transferred from the Buildings Management Branch, as well as Planning for the nonmedical aspects of civil defense planning. With Mr. Morse's coordination, the plant and personnel safety program will continue under the leadership of James B. Black.

Before coming to NIH, Mr. Morse served as Chief of DHEW's Personnel Security Division. His PHS service began in October 1951; prior to that he was employed by the Central Intelligence Agency. In March 1945 he entered the U.S. Army and was assigned to intelligence work.
Transaminase and Heart Damage

No. 150 in a Series

Dr. Daniel Steinberg traces the serum transaminase levels of a typical case of myocardial infarction, while Jane Logan, NHI technician, looks on. The lower curve, showing little fluctuation, represents GOT levels in angina pectoris.

An entirely new kind of test for detecting heart muscle damage in heart attack victims is receiving wide recognition as a valuable diagnostic tool for practicing physicians. That the enzyme transaminase can be detected in high concentrations in the blood stream following heart attack was discovered about a year ago at the Sloan-Kettering Institute in New York by Drs. J. S. La Due, F. Wroblewski, and A. Karmen. The test has now been carefully evaluated in an extensive cooperative study between NIH and the George Washington University Hospital. Dr. Daniel Steinberg, of NIH's Laboratory of Cellular Physiology and Metabolism, and Dr. Bernard Ostrow, of the Cardiovascular Division of GWU Hospital, have studied over 100 heart attack patients for transaminase in blood. Other investigators who collaborated on this project are Don M. Baldwin, NHI; Dr. Howard Ticktin, D. C. General Hospital, formerly with GWU Hospital; and Dr. John Evans, GWU Hospital.

The test for transaminase is used in conjunction with the electrocardiogram, which also measures myocardial infarction, or severely damaged heart muscle. Cases with clinical symptoms of myocardial infarction were studied by both methods. Blood samples were obtained within 48 hours after the onset of the heart attack. Transaminase tests on these and subsequently daily samples revealed a sudden elevation of the serum glutamic-oxaloacetic transaminase (GOT) within 36 hours after the onset of pain, and a gradual return to normal values within four to six days. The measurement of GOT levels can be done in less than an hour. As originally described, the method called for the use of the Beckman spectrophotometer, an expensive instrument available only in research laboratories.

The adaptation to a comparatively inexpensive, more generally available colorimeter for the detection of transaminase should increase the clinical usefulness of the test. Area physicians viewed demonstrations of the new apparatus during the annual meeting of the D. C. Medical Society held in Washington several weeks ago.

Unlike the electrocardiogram, which does not always distinguish between temporary and permanent damage, the transaminase test can determine the extent of permanent tissue damage. Using both methods, it may now be possible to predict recovery and prescribe treatment in heart attack patients with greater accuracy than has been possible with the electrocardiogram alone.

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of patients with cancer or other disease.
tissue without stimulation.
production of controlled lesions in biological
polyvinyl pyrrolidone and of rats to dextran.
mitotic stimulant present in tumor tissue.
term behavior in the monkey.
''thiamine destructive influence* by the saliva
rous sarcoma virus. V. Preparation of improved
1906 (Ixodidea)
gating.
on sunflower tissue cultures contaminated with
of prednisone in patients with progressive sys­
man DU test tube adapter.
 labeling on the ion exchange chromatog­
producing capacity of strain L mouse cells after
formance test of brain damage.
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raphy of amino acids.
investigations.
ydrocodeine: N-formyldihydroracemine.
Piez, K. A., et al. A systematic effect of
14C-labeling on the ion exchange chromatog­
ography of amino acids.
Redl, Fritz. Does this mean they are
deliquent?
Rie, John P., et al. The effect of bacitracin
on sunflower tissue cultures contaminated with
bacteria.
Riggle, Grant C. Three-cell holder for Beck­
mon DU test tube adapter.
of prednisone in patients with progressive sys­
temic sclerosis (diffuse scleroderma).
Rovold, H. Enger, et al. A continuous per­
formance test of brain damage.
Ryan, Ralph W., et al. Pharyngoconjunctival
fever a common viral disease.
Sanford, Katherine K., et al. The tumor-
producing capacity of strain L mouse cells after
10 years in vitro.
Schaefer, Earl S. Book review. Problems of
infancy and childhood.
Sieves, Maurice L., et al. An evolution of
tubeless gastric analysis by an ature A ion
exchange compound.
Sjörd, Albert, et al. A clinical, physio-
logic, and biochemical study of patients with
malignant carcinoma (argentaffinoma).
Stetten, DeWitt, Jr. Purine metabolism as
related to gout.
Stewart, Laura C., et al. The formation of
2-amino-6,8-D-gluco-heptulose-mannose by
the action of acid on D-gluco-heptulose and by
the action of alkaline on phenyl D-gluco-heptu-
lorosamine.
Streicher, Eugene, et al. The effect of age
and sex on the duration of hexobarbital anes­
thesia in rats.
Strominger, Jack L. Microbial uridine-5' pyro-
phosphate N-acetylamino sugar compounds I.
Strominger, Jack L. Microbial uridine-5' pyro-
phosphate N-acetylamino sugar compounds II.
Towe, Donald B. The biochemical sub-
strates of cerebral function and activity.
Yarrow, Marion Redlie, et al. The social
meaning of mental illness.

NIH Spot Light

Dr. Teresa L. Mercado

A PHS fellowship was NIH's card of
introduction to pretty and petite
Teresa Mercado, of the NMI Lab­
oratory of Tropical Diseases. In
addition to introducing her to her
present place of work, the fellow­
ship enabled her to gather material
for her doctoral thesis, "Observa­
tions on the Respiration of Tri­
amomes." After the expiration of her
fellowship, Teresa joined the LTD
staff as a parasitologist, in the
Section on Chemotherapy under Dr.
G. Robert Coatey, and was awarded
her Ph.D. by Catholic University
in 1956.

Now working in the Section of
Physiology, Teresa is studying the
pathological physiology of the ma­
lar parasite Plasmodium berghei,
cooperation with Dr. Theodore
Brant. For the study, paralyzed
and control rats are fed various
compounds and glucogenic amino
acids, and the glycogen synthesis is
assayed quantitatively and histo-
chemically. Results thus far indi-
cate that the liver of the Plasmo-
dium-infected rats synthesizes
considerably less glycogen than that of
normal rats, and the histological
distribution of the glycogen granules
within the liver lobes is significantly
different.

A native of Puerto Rico, Teresa
comes by her pleasing accent natu­
urally. She was born in Ponce, P.R.,
and lived there until her graduation
from high school. She attended
Clarke College in Dubuque, Iowa,
for three years, and then trans­
ferred to Mount St. Vincent College
in New York City, where she
received her B.S. In 1946 she came to
Washington to attend Catholic Uni-
iversity, and received her M.S. in
biology a year later. Before coming
to NIH, she taught biology at Dun­
barton College for two semesters.
A variety of interests claims
Teresa's after-work hours. She
loves to travel, and her trips have
taken her to Cuba, Haiti, the Mid­
west, Florida, New England, and, of
course, home to Puerto Rico. Sewing,
dancing, particularly the South
American steps, and weekend trips
to the beach also rank aong her
favorite pastimes. Though not yet
officially a member, she frequently
attends meetings and functions of the
Catholic College Alumni Club.

WHAT IS YOUR LAB
ETIQUETTE RATING?

Anything less than a perfect score
on this quiz indicates that you have
rated yourself somewhere between
the forgetful type and a downright
menace:
1. Do you ever send radioactive,
infectious, or otherwise hazardous
materials or equipment to the In-
strument Shop, Glassware Wash
Unit, Shipping Room, Maintenance
Shops, or Surplus Unit?
Two pieces of equipment were re-
cently sent to the Surplus Unit which
were later found to be radioactive.
2. When in doubt about the meanin­
g of a warning tag, do you try to
guess what to do?
Not too long ago, an attendant
didn't know what to do about a cage
containing a radiation sign, so he
left it in the sterilizer four times
as long as the other cages.
3. Do you begin work in a labora-
tory without permission?
A craftsman recently opened the
steam valve in a hood which con­
tained several bottles of ether.
Fortunately, a technician turned it
off before the bottles burst.
4. Do you fail to provide adequate
instructions or prepare your areas
so that a craftsman can work safely?
5. Do you fail to tell the Surplus
Unit that your equipment had been
declared defective by the Instrument
Shop?
Are you the "break-and-run"
culprit?
Someone recently broke a bottle
of phenol in a Clinical Center cor­
ridor and abandoned it.
7. Do you fail to warn housekeep-
ing or maintenance personnel of haz­
ardous spillages in your laboratory?
The housekeeping crew was asked
to clean up a nitric acid spill with­
out being told that it may cause lung
edema.
SOMEONE NEEDS YOUR BLOOD—SIGN UP NOW

How many of us, upon hearing the Red Cross plea for blood, have answered promptly? We are fully aware that our small donation might mean the difference between life and death to some stricken patient, yet we often overlook a wonderful opportunity to help.

Let's resolve to stop being lax and sign up now as blood donors. The Red Cross Bloodmobile will be at NIH on Wednesday, Nov. 2, from 9:30 a.m. to 3:00 p.m. The Employee Relations Section, ext. 2454 or 2673, is making appointments.

WILLIAM KOMP HONORED BY RUTGERS UNIVERSITY

William H. W. Komp, NMI, was awarded an honorary Doctor of Science degree by Rutgers University, New Brunswick, N.J., on Oct. 6. A PHS officer since 1918, he is a medical entomologist in the Laboratory of Tropical Diseases. Also honored at the same ceremony was Secretary of Agriculture Ezra Taft Benson, who received a D.Sc. degree.

288 REGISTER FOR NIH EVENING CLASSES

A total of 288 students registered for the fall term of the NIH Evening Classes, co-sponsored by NIH and the Department of Agriculture Graduate School. The students are mainly professional and technical personnel, both from NIH and from other Government research organizations.

Of the 18 courses offered this term, the scientific courses again experienced the heaviest enrollment. Ten new courses are included in the fall curriculum: Introductory Virology, Human Physiology, Pathology of Infectious Diseases, Advanced Bacteriology, Survey of Physical Chemistry, Mechanism of Organic Reactions, Introduction to Psychodynamics of Behavior, Improving Human Relations and Group Behavior, Improving Professional Speaking, and Public Personnel Administration.

MILMORE, HESTON ARE LUCKY PRIZE WINNERS

Two NIH scientists held the winning tickets for top door prizes in a drawing held recently in connection with open house festivities of a local savings and loan association.

Dr. Benno K. Milmore, NCI, readily accepted the keys to a 1955 hard top convertible, while Dr. Walter E. Heston, also of NCI, was awarded a 21-inch television set.

CHAPLAIN, Cont'd

and a graduate of Wesleyan University, Middletown, Conn., he received his B.D. from Hartford Theological Seminary, and was ordained in 1944.

DR. JOSEPH E. RALL JOINS NIAMD STAFF

Dr. Joseph E. Rall, prominent endocrinologist, has been selected to head NIAMD's enlarged clinical endocrinology program. He will direct and supervise all clinical research in the field of disorders of the thyroid and other endocrine glands, diabetes, and certain other metabolic disorders.

Prior to his appointment, Dr. Rall served at the Sloan-Kettering Institute for Cancer Research, Memorial Center for Cancer and Allied Diseases, and the James Ewing Hospital, all in New York.

He was born in Naperville, Ill., and received his M.S. and M.D. at Northwestern University Medical School, Chicago, Ill., and his Ph.D. at the University of Minnesota, Minneapolis.

HELP CHOOSE MISS NIH WITH YOUR PENNIES!

October 25 and 26 are the days for casting your ballot for the five finalists for the "Miss NIH" title. Bulletin boards with portraits of each of the eleven candidates and ballot boxes to receive your penny votes are set up in Buildings 1, 10, and T-6. You can vote as many times as you like for your favorite candidate and, at the same time, can be contributing to a worthy cause. The money collected from the voting will be deposited in the Patient Welfare Fund.

A panel of beauty experts from outside NIH will select "Miss NIH" from the five finalists chosen by employee votes. The winner of the contest, which is sponsored by R & W, will represent NIH in the Bethesda Christmas Lane parade.

STUDY SECTION, Cont’d

research, experiments, and demonstrations relating to the development, utilization, and coordination of hospital services, facilities, and resources. The Federal Hospital Council will make final recommendations to the Surgeon General on these requests. Funds amounting to $1.2 million were appropriated to the Division of Hospital and Medical Facilities, Bureau of Medical Services, for this purpose.

MORSE, Cont’d

including duties in connection with preparation of legal briefs for the Nürnberg war trials.

Mr. Morse was born in Milwaukee, Wis., attended George Washington University, and received his LL.B. degree from the National University School of Law.

Sneak Preview of the Hamsters' Next Production

Shown rehearsing a scene from "The Ladies of the Corridor" are Alida McBirney, Hazel Gump, Priscilla Maury, Leonard Lester, and Philip Joram. The Hamsters will present the two-act drama on October 27 and 28 at 8:30 in the CC Auditorium. (See p. 1 for details.)

DUBLIN, Cont’d

University, and is a diplomate of the National Board of Medical Examiners and the American Board of Preventive Medicine. Dr. Dublin has also been active in national public health and related organizations, serving presently as an elective member of the Governing Council of the American Public Health Association.