

the Bulletin Board

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OPERATION GET-TOGETHER No. 3

Here we go again! Brookhaven's recreation spectacular - our Lab-wide picnic is now in the planning stage. Committees are being organized. Each department will be asked to have a few volunteers represent them on the organizational committee. Each representative will be asked to select some phase of the affair for his group to work on. The first meeting will be held Tuesday, June 14 at noon in the Recreation office. Make sure your department is represented.

WEEKLY EMPLOYEES MAY HAVE PAY CHECKS SENT TO BANK

Arrangements have been made through the Fiscal Division enabling employees paid on a weekly basis to have their pay checks mailed regularly each week for deposit at the bank of their choice. Authorization forms may be obtained from the Cashier, 37 Brookhaven Ave.

WESTBURY MUSIC FAIR TICKETS AVAILABLE

Twenty percent discount tickets to the Westbury Music Fair are now available at Personnel Services, 58 Brookhaven. Seat reservations and payment are made directly through Personnel Services. Payment must be by check made payable to Westbury Music Fair.

Starting the season will be TEAHOUSE OF THE AUGUST MOON with Red Buttons, from June 7 to June 12. The other productions this year will be: SOUTH PACIFIC (June 14-19), GIRL CRAZY (June 21 - July 3); MEET ME IN ST. LOUIS (July 5-17), PAINT YOUR WAGON (July 19-24), RED-HEAD (July 26 - August 7), CAROUSEL (August 9-21), STUDENT PRINCE (August 23-28), GUYS & DOLLS (August 30 - September 4), and WEST SIDE STORY (September 6-18).

Reservations may be made now for all performances this season.

TV TROUBLE SHOOTERS GUIDE

Do-It-Yourself TV Trouble Shooter Guides are on sale at Personnel Services, 58 Brookhaven Avenue. Price is 40¢ each.

BIOLOGY SYMPOSIUM NOW IN PROGRESS



From a typical x-ray diffraction picture of a protein molecule (myoglobin, which stores oxygen in muscle tissue).

The thirteenth annual summer conference sponsored by the BNL Biology Department is taking place this week, June 6-8. Approximately two hundred scientists have come from all over the United States and from Canada, England, and Australia to attend the meetings. They represent many colleges, universities, research institutions, and corporations.

The topic of this year's symposium is "Protein Structure and Function." This field has seen dramatic developments in recent years with the isolation of specific chemicals responsible for various physiological functions. For example, hundreds of enzymes, which control the dynamic aspects of living systems such as muscle action, vision, and nerve activity, have been isolated and crystallized. Antibodies, which protect against disease; viruses, which cause disease; and hormones, which control metabolism, have also been obtained in pure form.

The wealth of information which has been built up in this field, especially in the last several years, makes possible the concerted research drive now under way to correlate the structure of proteins with their functions, and makes this an appropriate time to bring the experts together to share ideas. A number of eminent scientists have been invited to speak on the main aspects of the

(Continued on Page 2)

BIOLOGY SYMPOSIUM—Cont'd

field, including Intramolecular Bonds in Protein Structure, Shape of Proteins in Solution, Protein Structure and Enzyme Action, Structure and Function of Heme Proteins, Hormones, Antibodies and Viruses, and the Structure of Collagen.

Two of the key speakers at the conference are Dr. M.F. Perutz of Cambridge University and Dr. R.R. Porter of the National Institute for Medical Research in England. Dr. Perutz, a distinguished physicist, especially noted in the field of x-ray crystallography, has delineated the three-dimensional structure of hemoglobin, the protein responsible for transporting oxygen in the bloodstream.

Dr. Porter is a distinguished leader in the field of protein structure. He has recently made significant contributions by breaking antibodies into smaller fractions which are more amenable to structural studies.

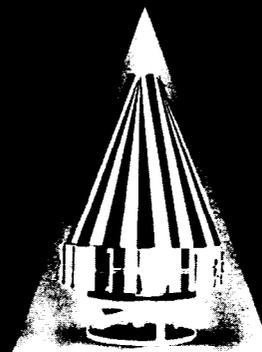
Dr. C.H.W. Hirs of BNL and Dr. W.H. Stein of the Rockefeller Institute are among other speakers who will report on their work. These scientists and their co-workers have determined the complete amino acid sequence of ribonuclease, the first enzyme whose structure has ever been characterized exhaustively.

There will be morning and afternoon sessions on Monday, June 6, and Wednesday, June 8. On Tuesday, there will be morning and evening sessions. That afternoon will be devoted to a tour of BNL research facilities, and informal discussion at the Brookhaven Center.

Informal discussion with others in the field is an important aspect of meetings of this type, and opportunities are provided throughout the Conference for informal exchange of ideas.

Throughout the years the Brookhaven Biology Symposia have been very well attended. From year to year, the topics chosen may attract almost entirely different groups of scientists. For example, this year's topic has brought many biochemists to the meetings. Last year's subject, "Structure and Function of Genetic Elements," drew geneticists to the Symposium. Each year a limited, well-defined topic is chosen, in order to allow a thorough, integrated discussion of the subject.

As in previous years, the talks delivered at the Symposium will be published about six months after the Conference has taken place.

ORDERS FOR DUBRIDGE BOOK REOPENED**INTRODUCTION TO SPACE****Lee A. DuBridge**

Due to popular demand, orders for "Introduction to Space," by Dr. Lee A. DuBridge, have been reopened until Friday, June 17. You may place your order at the Personnel Services Office, 58 Brookhaven Avenue or by phone, at Ext. 2107.

"Introduction to Space" contains the first George B. Pegram Lectures, delivered by Dr. DuBridge at BNL in September, 1959. The ninety-three page volume, handsomely printed, contains 24 photographs and diagrams. The book is written in layman's language and is an informative primer in space science. Because of the large number of books ordered, a group purchase price is possible.

If you ordered your book before May 20, please pick it up at Personnel Services.

FIRE EXTINGUISHERS WILL ARRIVE JUNE 10

The group purchase of Kidde 2½ pound Dry Chemical Fire Extinguishers will be delivered to Personnel Services on Friday, June 10. Please pick up your fire extinguisher promptly.

RAISIN IN THE SUN TICKETS

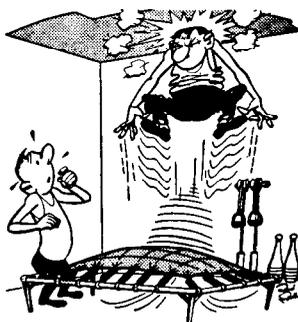
Discount exchange tickets to A RAISIN IN THE SUN at the Belasco Theatre on 44th St. in Manhattan are available at Personnel Services, 58 Brookhaven Avenue. This production won the New York Drama Critics Award for the Best Play of 1959.

HAWAIIAN HOLIDAY

A special group rate has been extended to employees of the Laboratory, their families and friends, to participate in a trip sponsored by the Long Island Industrial Recreation Association.

The folder describes the holiday as "a delightful 17-day trip by air departing on Friday evenings during July and August in a U.S. Overseas Airlines pressurized DC 6-B - featuring a stay in Honolulu at one of the luxurious Waikiki Beach hotels, plus visiting San Francisco, Los Angeles, Hollywood, and Las Vegas. The price of \$569.00 includes hotel accommodations, sight-seeing, a Chinese diner in 'Frisco', a Hawaiian 'luau' in Honolulu, etc."

Travel folders giving you complete information and a coupon application for your reservations are now available at Personnel Services, (58 Brookhaven Ave.), the Travel Office (2 Center St.), and the Recreation Office in the Gym.

BNL SAFETY RECORD**POOR JUDGMENT RESULTS IN ACCIDENTS!**

NATIONAL SAFETY COUNCIL

9 Disabling Injuries at BNL thus far in 1960 (for a rate of 4.68 injuries per 1,000,000 manhours - compared to all AEC Research Contractor rate of 1.77).

ADVICE TO THE LOVE LAWN

ROTARY MOWERS

Rotary mowers are as dangerous as a power saw or a loaded gun, and perhaps more so because they are treated with less respect. Housewives trundle them across lawns in open-toed sandals, children are allowed to operate them, and they are used on rough ground in high grass where concealed objects lurk. To prove our point, we quote statistics from the June 1960 issue of READERS DIGEST:

"Last year's study by the American Mutual Liability Co. disclosed that power mowers were involved in 70,000 accidents. Lost in the carnage were 50,000 toes, and 18,000 fingers. Nearly one third of the victims were innocent bystanders."

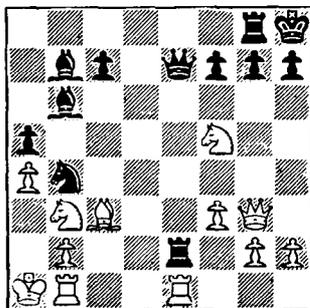
The chief reason otherwise cautious people buy them is that they cost far less than the safer reel type mowers, and permit erratic mowing frequency. Rotaries are actually chopping machines and tend to injure the grass more than the clean-cutting reel type mowers do. They should not be used where a first class lawn is desired.

The careless or improper use of a rotary mower is one of the best ways we know to make use of your medical insurance plan. (A mowing safety hint - glasses should be used to protect your eyes from flying objects.)

CHESS

The answer to last week's problem is as follows:

- | | |
|------------|---------------|
| WHITE | BLACK |
| 1. — | N - K7 Check |
| 2. R x N | R - B 8 Check |
| or N x N | Q - N 7 Mate |
| 3. K x R | Q - R 8 Check |
| 4. K - B 2 | N - N 5 Mate |



Black to move

Now let us look at this week's problem. White has a very good position. He is lined up on the black king as well as on his Queen. It looks as if there is no defense for black, but he wins nonetheless. Solution in next week's BULLETIN BOARD.

CHILDREN'S SUMMER PROGRAM



The summer program for children of Laboratory employees will start on Monday, July 11. The entire program will be well supervised, balanced and varied, and will include both instruction and play. Registration of each child will be made in advance, and parents will be required to sign a responsibility form,

agreeing to the regulations of the program. Both the Athletic Play Sessions and the Swimming Instruction Classes will run for seven weeks, from Monday, July 11 through Friday, August 26.

Athletic Play Sessions

This portion of the program will be for five to eight-year old children of ON-SITE residents only. The sessions will be held every weekday morning from 9:00 until 11:30 at the Recreation Building on York Lane in the apartment area.

Swimming Instruction Classes

This program will be open to ALL employees' children, age eight or over. The sessions will be held from 1:00 p.m. until 2:30 p.m. on a day or days to be assigned to each child.

Watch THE BULLETIN BOARD for all details, including registration forms, fee schedules, and other specific information.

BERA FISHING CONTEST

A few more entries were received in the past week. Fred Cermak came through with a 5 lb. 2 oz. Blackfish from the North Shore, and Kurt Jellett and Al Ravenhall say that the Porgies were really thick in Peconic Bay last weekend. George Sabine reports that the fluking in Shinnecock Bay was great also.

The largest fish in each species so far is: Striped Bass, No entries; Sea Bass, No Entries; Blackfish, 5 lb. 2 oz.; Bluefish, 2 lb. 3 oz.; Cod, No entries; Flounder, 1 lb. 13 oz.; Fluke, 2 lb. 4 oz.; Kingfish, No entries; Mackerel, No entries; Porgy, 2 lb. 0 oz.; Tuna, No entries; Weakfish, 1 lb. 8 oz.; Brook Trout, No entries; Brown Trout, 12 oz.

It is not necessary to have a heavier fish than the top entry in each species in order to enter it in the contest. In addition to an award for the heaviest fish in each species an award will be given to the Fisherman of the Year. The Fisherman of the Year will be determined in the following manner:

3 points will be awarded for the first place fish in each species.

2 points will be awarded for each second place entry.

1 point will be awarded for each third place entry

The person having the greatest accumulation of points will receive the Fisherman of the Year award.

In case of a tie, that person in the tie who has the next highest entry in any species will be the winner.

Subsequent ties will be broken in the same manner.

SWIMMING POOL SCHEDULE

The pool will remain open on its Winter Evening Schedule through Friday, June 24.

TUES., WED., FRI. 7:00 - 10:00 p.m.

THURSDAY 5:00 - 10:00 p.m.

Beginning Monday, June 27, the Summer Schedule of rates and hours will be in effect, as follows:

POOL OPEN MONDAY THROUGH FRIDAY
2:30 P.M. TO 9:30 P.M.

Daily Admission Rates

Employee35
Family Member35
Guest60

Season Tickets

(June 27 to August 28)

Employee	\$ 5.00
Family	10.00

Tickets will be on sale at the Swimming Pool Office ONLY.

GIRLS BASEBALL

On Monday night, June 13th, the 1960 Girls Baseball League will meet at 5:15 at the Brookhaven Field. Even though rain and holidays postponed our first meeting, we're still determined to get in that exercise. We'll be looking for you.

DON'T SEND FILM

THROUGH LAB MAIL

The film service at Personnel Services is on a self-service basis. Please do not send film for processing through the inter office mail.

GO WEST, LAB EMPLOYEES



Scene at new West Gate on first day of full operation.

SWIMMING SAFETY

The first precaution to observe as the water-sports season opens, according to the American Red Cross, is to recognize that you're not as good as you were last Labor Day. It is foolish to try to equal your end-of-summer exploits at the beginning. Your physical condition and endurance are not as good now, after nine months of sedentary living, as they were last September 1. Realize this, and take it easy at first.

Red Cross gives these other safety hits for Americans about to start their aquatics season:

1. Learn to swim. If you can already swim a little, learn to swim better. Check with your beach or pool - many offer Red Cross swimming classes, and they are tuition free.

2. Always swim with another person. Make sure someone is near to help you if you get in trouble.

3. Swim in a safe place. The presence of lifeguards usually indicates the area is safe for swimming.

4. Know the swimming area. Before diving, make sure the water is deep enough and that there are no submerged rocks or other obstructions.

5. Respect the water and know your limitations. Don't go beyond safe limits or your ability.

6. Use discretion. Don't swim right

after eating, when over-heated, or over-tired.

7. Try to stay calm in case of trouble. Assume a face-up, floating position, keep your hands under the water, and slowly move your hands and feet.

8. Keep safety equipment in your boat or canoe. Nonswimmers should wear life vests when riding in a small craft.

9. As a general rule stay with your boat or canoe. Most small craft will float, even when filled with water or overturned.

10. Don't overload your boat. Keep at least two-thirds of your boat hull above the water line.

11. Don't "overpower" your boat. A motor too powerful for your boat makes it difficult to control and may cause upsets or other accidents.

LAWN PAMPHLETS AVAILABLE

Copies of "Planting and Maintaining a Lawn" by Ed Hunter of Plant Maintenance are available at Personnel Services. The pamphlet was revised in November, 1959.

FOUND

CALL PERSONNEL SERVICES, EXT. 2107

BOOK - "Motor's Auto Repair Manual 1956."

GIRL'S RED WALLET - found in front of T-134.

GOLD BRACELET - in Personnel Office, June 6.

CLASSIFIED ADS

Deadline each week for BULLETIN BOARD Classified Ads is Friday afternoon at 3. Send ads to BULLETIN BOARD, 58 Brookhaven Avenue, or bring them to the Personnel Office, same address.

FOR SALE

1958 PLYMOUTH SPORT SUBURBAN - 9 passenger. New car ordered - this like-new station wagon can be yours for \$100 over dealer's trade-in offer. Ext. 591.

1957 AUSTIN HEALEY - "100-6" Radio, heater, overdrive, wire wheels, all extras! In excellent condition. Low mileage, original owner. Must be sold. \$1690. R. Young, Ext. 590 for details.

1941 CHEVROLET - good tires and battery. \$40. Runs well for a '41. ATLantic 9-1865 after 6 p.m.

1956 FORD STATION WAGON - 2 door, automatic transmission, V8, radio & heater, 58,000 mi. \$500. ATLantic 6-8744 evenings.

1951 CHEVROLET - 4-door sedan in very good running condition. New front end, good tires, newly relined brakes. \$150. H. Stern, ATLantic 1-8050 after 6 p.m.

1950 PONTIAC - de luxe, 2 dr., standard shift. Very good condition, good tires. H. Rief, Ext. 550.

1955 CHEVROLET - Bel Air 2 door. Excellent running condition, power steering, automatic transmission, r&h. E. Degen, Ext. 550.

1958 VOLKSWAGEN - De Luxe sedan. Excellent condition. Ext. 301-70 or Ext. 514 evenings.

1951 DODGE - Coronet Club Coupe. As is. Best offer. Ext. 301-70 or Ext. 514 evenings.

HOUSE - 4 rm. bungalow, hot water heat, 2 bedrooms, kitchen, living rm. N. Patchogue. GRover 5-5428 before 3:30 or after 6 p.m.

HOUSE - Sacrifice! Must leave within 3 wks. 6 yr. old 3 bedroom ranch, Center Moriches. Taxes \$219. \$10,990. G. Lellouche, Ext. 345 or ATLantic 4-7350 after 6 p.m.

RUNABOUT - 16 ft. white cedar batten seam construction, plywood deck and bottom. Ready for water. 33 h.p. Scott and four wheel trailer. \$560. W. Berg, Ext. 2467 or EMerson 3-6658.

HOUSE - Center Moriches, Cedar St. 5½ rm. bungalow. Steam heat, full basement, screened porch, fireplace, garage, screens, storm sash, fully landscaped. Asking \$10,000. David H. Gurinsky, Ext. 349 or 555 or ATLantic 4-1013.

FOR RENT

HOUSE - 5 rm. ranch house at Lake Panamoka. Completely furnished, for season or on yearly basis. Private lake privileges. 7 minute drive to Lab. C. Gandolfo, Ext. 2342.

APARTMENT - Sound Beach, 3 rm. furnished apt. All utilities. SHoreham 4-2004.

CAR POOLS

Want two drivers to join existing car pool from vicinity of Middle Road and McConnel Ave., Bayport to Lab. Call E. Cox, Ext. 301-35.

Wish to join car pool from Dunton Avenue, E. Patchogue, Ext. 345, H. Takahashi.