

the Bulletin Board

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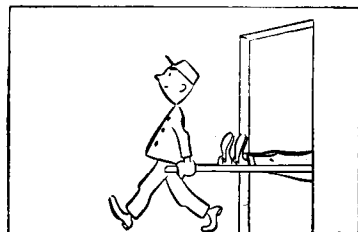
PROPERTY MANAGEMENT

A recent change in the General Services Administration regulations provides that items up to \$3,000 in acquisition cost can be obtained at no charge to the Laboratory, except for packing and shipping charges. Among recent acquisitions found on excess lists have been a spectrophotometer, an electric fork lift, emergency surgical lamps, portable air compressors and some heavy machine tools. An electron microscope is on its way to the Laboratory. Have you kept Property Management informed as to your future needs?

GAMMA FACILITY TO BE GIVEN TO INDIAN GOVERNMENT



BNL SAFETY RECORD



NATIONAL SAFETY COUNCIL

17 Days Since Last Disabling Injury
(April 8, 1960 - April 24, 1960)

GYMNASIUM

The gymnasium will be closed for evening activities during the month of May. Shower and locker rooms will be open for softball and tennis players.

BALLET

A few mothers have expressed an interest in organizing a children's ballet class on-site. If you are interested in this activity, call Ext. 391.



Above - Prime Minister Nehru outside BNL facility at fair.

Below - J. Brewbaker with Indian scientists in laboratory of BNL radiation unit.

Pool type gamma irradiation equipment, designed and built at BNL, will be given to the Indian Government on a grant by the U.S. State Department under the Atoms for Peace program. The gamma facility, which employs 4750 Curies of Cobalt 60, was part of an A.E.C. exhibit in the U.S. Pavilion of the World Agricultural Fair held in New Delhi from December 1959 through February 1960.

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Gamma Facility - Cont'd

Personnel from the Laboratory set up the facility in New Delhi and operated it during the exposition as a service unit for Indian scientists. Mr. O.A. Kuhl of the Nuclear Engineering Department directed the installation of the facility and Dr. J. Brewbaker of the Biology Department directed the operation of the equipment and consulted with Indian scientists in the use of the facility and its application to agricultural research. Dr. M.S. Swaminathan of the Indian Agricultural Research Institute at New Delhi was scientific liaison officer between the Indian and U.S. governments concerning the cooperative use of the source.

Total attendance at the U.S. exhibit during the 80 operating days of the exposition exceeded 3 million people. On rare occasions it became necessary to close the gamma room for short periods because of the excessive crowds. About 25 special groups (faculty and students) visited the gamma facility for more detailed information on the equipment and its use. Among distinguished visitors to the facility were President Eisenhower, President Prasad of India, Prime Minister Nehru (two occasions) and Vice President Radakrishnan. The heads of the Indian National Agricultural, Physical, Medical, Statistical and Atomic Energy institutions and several Cabinet Ministers also visited the exhibit.

In this gamma facility the intense radiation from a Cobalt 60 source is used as a tool in research in various fields. The radiations of materials submitted by scientists at Delhi were performed in a water tank which measured approximately 10 by 18 by 10 feet deep. The pool-type facility is a relatively inexpensive, flexible and versatile research tool which permits the radiation of samples of various sizes and provides a transparent shield against the lethal gamma rays.

The gamma facility research program conducted during the exposition was extremely successful. Over 4700 samples representing more than 160 forms of material, mostly biological, were irradiated. The radiation chambers were designed so that radiations could be conducted as the crowd, averaging 37,000 per day, passed through the exhibit. The four Indian operators of the facility conducted experiments in an adjoining laboratory and worked many hours when the exhibit itself was closed. Dr. S.K. Majumder, who was at BNL for several years, was one of the operators of the facility. Almost 200 projects were submitted, including seeds or cuttings of major Indian crops, antibiotic-producing microorganisms and various laboratory animals and plant cultures. The scientists who worked with the facility, with rare exceptions agriculturalists, were drawn from 13 of the 14 Indian States and represented nearly all of the major agricultural and drug research institutions in India.

It is expected that the irradiation equipment and the Cobalt 60 will be installed at the Indian Atomic Energy Establishment located at Trombay.

Similar equipment, also built at BNL and operated by Laboratory personnel, will be exhibited in Cairo during the month of May.

BERA FISHING CONTEST

The New BERA Fishing Contest gets into full swing on May 1st, which is this coming Sunday.

The following fish are eligible for entry: Striped Bass, Sea Bass, Blackfish, Bluefish, Cod, Flounder, Fluke, Kingfish, Mackerel, Porgy, Tuna, Weakfish, Brook Trout, Brown Trout, and Large Mouth Bass.

There is no minimum weight requirements on entries so enter all that you catch. An award will be given for the heaviest fish in each species, and an

award will be given to the FISHERMAN OF THE YEAR, on the basis of total points accumulated for first, second, and third place entries in each of the species.

Entry blanks and copies of the contest rules are available from members of the contest committee and at the recreation office. The committee members are:

D.A. RAVENHALL	Ext. 415
L.K. POTTER	Ext. 372
F.W. WALSH	Ext. 2184
L. LAWRENCE	Ext. 372
R.C. ROTH	Ext. 2164
K. JELLET	Ext. 2188
G. SABINE	Ext. 391

OBSERVATION AREA AT REACTOR



View from new Observation Area at Reactor.

The schedule of routine shut downs of the BNL Reactor for service and maintenance has been changed from alternate Saturdays to alternate Fridays. Since these activities necessarily limit access of visitors, it is urged that visits to the Reactor be made on non-shut down work days.

For authorized visitors who cannot come at other times, an observation area has been set up for use during routine shut downs. These periods usually extend into Saturday and at times may be even longer. This area provides the visitor with a view of the west and north faces of the Reactor. Since the south and east faces, the pile top, canal area and control rods are not visible from this vantage point, visits at times other than shut down periods are to be preferred.

UMPIRES WANTED

The softball season is about to begin and once again the call is out for help with the umpiring duties. This year the leagues have voted to hire 2 umpires for each game and to pay each two dollars. Here's your chance to pick up that extra few dollars you're always missing plus some exercise and sunshine. Don't hesitate! Call G. Sabine, Ext. 391.

TICKETS TO "WEST SIDE STORY"

Exchange tickets to WEST SIDE STORY, at the Winter Garden Theatre in New York City, are available at Personnel Services.



BERA BOWLING

PURPLE LEAGUE

Rocky takes high series - 648

The Designers, still clinging to first place, managed to split with the Toppers. Rocky, the big gun, rolled a 234-648 series taking high series for the season so far. Cuccia backed up Rocky with a 195-512 and Sperry had a 171. For the Toppers Zelenka had 178-504, Rosenka 211 and Nocar 181.

The Phoubars, in second place, managed to split with the Bowl Aids. D. Vogt had 189-554, Red 190-529, Tom 191-518, and Ole 183. For the Bowl Aids Dick had 207, Joe 184 and Ed 172.

The Fiscal team took four points from the Chain Gang. Bohn had 191, Eberbach 187. For the losers Lacey had 184 and Brems 168.

The Prais had a bye.

SORRY!

You can't come unless you bowl in the league. (You can bring a date). We are of course talking about the party scheduled for May 21st, 9:00 p.m. in the Gym. Get together with your team for table decoration ideas. If you can't win any games, maybe you can win a prize.

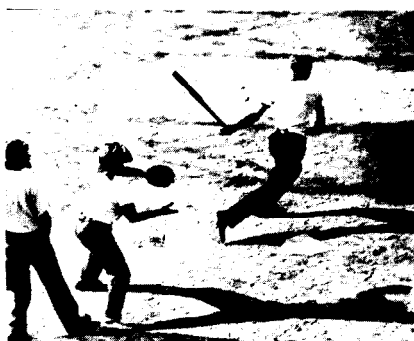
GREEN LEAGUE 4/11/60

Easter being too much, the Teasers and Chemistry forfeited to the Fire Department and Old Timers respectively. The Reefers almost swamped the Electrons but for one game which was lost by 1 pin. High Series by Ratyca of 518.

LADY KEGLERS COLUMN

"And the Phantoms (Strugglers) strike again!!!! On their upward stride for 2nd place they took three points from the Nightingales this week, rolling one team series of 790 (without handicap), with Theresa Barbato setting a new high game for the league of 204 (very nice), and Cathy O'Neil helping her team along with a 179. With Medical losing three points to the Allthumbs, this puts the Strugglers only one game out of 2nd, while the Allthumbs moved up to 4th. Odds and Ends split 2 and 2 with Sam's Gals, and Chemistry took the only complete victory of the night from the Frisbees, taking all 4 points. Split conversions were made by Chris Podlaski 3-7 and Connie Brown 3-7-10. Other high games for the night: Jean Mensing 175, Rosemarie McCann 167, Barbara Garnier 167, Virginia Moore 166, Jody O'Connell 165, and Grace Schiro 160.

BATTER UP!



That's the cry which will be heard up and down Princeton and Brookhaven Avenues during the next few months. Our 1960 slo-ball season will get started next week with opening games scheduled on Tuesday, May 3. Twelve department or group teams have entered the competition. They have been split into 2 leagues: National and Brookhaven. Each team will play every team

in its own league twice and will meet every team in the other league once. The teams with the highest percentage in each league will receive awards from BERA. The winners will then compete in a short series to determine the Laboratory Champions.

Slo-ball means exactly what it says. The pitcher CANNOT throw the ball fast. This means everybody can play the game - everybody gets a chance to hit and field. Games are more sociable and we're playing more for the recreation than the competition involved. Don't miss the fun! Find out who's in charge of your department's team and sign up. If your group does not have a team enter your name in the players' pool at the Recreation Office, Ext. 391.

First Week's Schedule

TUESDAY, MAY 3 - Phoubars vs. Dirty Sox; Potsareebies vs. Health Physics.
WEDNESDAY, MAY 4 - Gnats vs. Derelicts.
THURSDAY, MAY 5 - Metallurgy vs. Old Timers; Cosmotron vs. Medical.

CHESS TOURNEY

The chess club has decided to postpone its chess tournament for one week. The new date set for the start of this event is Tuesday, May 3. Games will begin at 7:30 p.m. in the recreation building lounge. Anyone interested in taking part in this event please contact Enid Degenhardt, Biology, 50 Bell or phone Ext. 2110 before Friday, April 29. Trophies will be awarded the winners by BERA and a fifty cent registration fee is required.

and prizes will be given to the winners. This is a handicap tournament and everyone has a chance to win. A minimum of six matches must be fired in order to qualify for a trophy. So, if you haven't signed up, there is still time. Contact R. Domish, Ext. 2468 for further information.

The trophies to be awarded for the small-bore tournament and for the pistol matches will be exhibited at the cafeteria this week. Make one of them yours. Come out and join the fun.

UPTON RIFLE - PISTOL CLUB

On Sunday, May 1, the U.R.P. pistol shooters will get a second chance to try to defeat the Southampton Rifle and Pistol Club in a match. Starting time will be 2:00 p.m. Any caliber pistol may be used and the course fired will be N.R.A. 25 yard. Win or lose, everyone will be welcome to the refreshments served after the match, so let's have a good turnout. The match will be held at the pistol range on site.

The on-site small-bore tournament got under way last Thursday for the first in a series of nine matches. High scorers for the match were P. Colombo 226, A. Lukas 211 and P. Colsmann 210. The possible score was 250.

These tournaments are open to all members of the Upton Rifle and Pistol Club. All ammunition and targets are furnished free by the club. However, an entrance fee of \$1 is required. Trophies

GYMKHANA RESULTS

After threatening weather on Sunday, April 24, the Brookhaven Motor Sports event got off to a slow start building up into some very close competition, resulting in the following winners:

TROPHY WINNERS: 1st Place Winner - Ross Meyer driving a Triumph TR-3, 49.8 seconds. Best Woman Driver - Ruth Rogers driving a supercharged VW, 63.6 seconds. Best Economy Car - Gene Rogers driving a VW convertible, 52.7 seconds. Best Domestic Car - Mike O'Shea driving a Ford Falcon, 70.6 seconds.

SUPERIOR DRIVER PLAQUE AWARDS: Frank Moore driving an MG-4 in 53.4 seconds. Bill Keating driving an MG-A in 53.6 seconds. Dave Thomas driving a Triumph TR-3, 54.2 seconds. Tom Broome driving an Austin A-40 sedan, 56.3 seconds. Bill Regan driving a VW sedan, 56.8 seconds.

SHOP YOUR CLASSIFIED ADS

FOR SALE

FORD STATION WAGON - 1954 Country Squire. Bellport 7-1094 after 7 p.m.

1957 PONTIAC - power steering and brakes, Ext. 604, T. Papa.

1955 VOLKSWAGEN - in good running condition. \$375. Palevsky, Ext. 648.

1959 VOLKSWAGEN CONVERTIBLE - r&h. WW. Make offer. Ext. 2316.

1957 CHEVROLET - 6 cyl. 4 door sedan. Std. transmission. R&h. Pion, Ext. 2340.

1959 VOLKSWAGEN - 2 door sedan with sunroof, like new. Back-up lights, windshield spray, several smaller accessories, 2 snow tires. Driven 5,500 miles. \$1,500. Auerbach, Ext. 345 or GRover 5-5769.

1954 PLYMOUTH - 4 door sedan. Engine, body, and interior in excellent condition. Carefully driven 49,000 miles. \$500. Auerbach, Ext. 345 or GRover 5-5769.

1951 CHEVROLET - 4 door Deluxe Powerglide, radio, heater, back-up lights, and directionals. Many new parts including tires. Excellent condition. POrt Jefferson 8-1456.

HOUSE - 2 bedroom Cape Cod. East Patchogue, near water. July 1 occupancy. B. Keck, Ext. 752.

HOUSE - S. Country Shores. Lovely wooded 100x150 ft. lot. 6 rm. ranch, thermopaned enclosed Floridian room and fireplace. Exceptionally nice neighborhood. 132 Southern Blvd. E. Patchogue. GRover 5-1254.

SAILFISH - 1 yr. old. Nylon sail, aluminum spars. Ready to go in the water. B. Keck, Ext. 752.

BOAT - 28 ft. Atkins Cruiser, repowered 1955, 145 h.p. Nordberg, large flush cockpit, electric head, automatic bilge pump, foam rubber mattresses, large icebox, galley, pulpit, exceptionally clean, heavy built good sea boat. Bellport 7-0508 or Ext. 592.

OUTBOARD MOTOR - 1956. 15 h.p. Evinrude. Electric start. Excellent condition. C. Porter, Ext. 2373.

OUTBOARD MOTOR - 7½ h.p. 1952 Mercury. R. Lehn, Ext. 566.

SAILBOAT - 15 ft. cat-rigged scow; very steady, fine for South Bay. Stainless rigging, sail and hull in good condition. \$150. B. Bornstein, Ext. 550.

SMALL SWORD & SABER COLLECTION - excellent condition, very reasonable. Call Mrs. Voorhees, Ext. 2246 or inquire at 40 Jennings Ave., Patchogue. Owner leaving Lab.

HAWAIIAN STEEL GUITAR - 6 mos. old. Will trade for electric guitar or \$35 cash. Call Bob. Ext. 2369.

THREE DEUCES - for 1954-57 Ford. The low, low price of \$80 includes linkage, manifold, and carburetors. J. Backes, Ext. 2341 or GRover 5-3918 after 5:30.

CAMERA - Minolta twin lens reflex, f-3.5 Rocor lens. With instruction book. In fine condition. \$40. P. Buhl, Ext. 354.

TV SET - new 1960 Motorola table model. 21 in. Perfect condition. \$145. New Pentron, two speed hi-fi. Tape recorder, portable type. Latest 1960 model, perfect condition. \$80. Selden 2-8529 after 5 p.m.

RECORD CHANGER - Garrard RC 80 3-speed. Excellent condition. \$25., less base. Sadofsky, Ext. 354.

BOY'S BICYCLE - English, 28 in. Newly painted. Good condition. \$18. Atlantic 6-8517.

TICKETS - 2 tickets for "The Tenth Man". Saturday matinee, May 28, second row balcony. D. Borg, Ext. 301-7 or Bellport 7-0428.

HOT WATER HEATER - Coleman. Kerosene pot burner. Best offer. Ext. 422, G. Kiriokos.

SCUBA GEAR - Healthways. 70 cu. ft. tank and regulator. New condition. Sacrifice \$65. Ext. 2398 or Yaphank 4-3783.

ELECTRIC RANGE - circa 1952 vintage Kelvinator 220 volt. Four top burners (one a deep-well), oven and storage drawer. It's old and a bit dirty from storage, but it works well, and what can go wrong with an electric range? The first person with \$23.76 who is willing to remove it from Bellport takes it. J. Walsh, Ext. 454.

ELECTRIC - Frigidaire. 10 yrs. old, good condition. Clean, full size. Yaphank 4-3761 after 5:15 p.m.

HEATING SYSTEM - used warm air home heating system. Burner, furnace ducts and controls. Available May 1. \$50. SETauket 6-2167.

WASHING MACHINE - Norge automatic. ¼ h.p. jet pump. Treadle operated sewing machine. All in working order. M. McKeown, Ext. 2307. Bellport 7-0867-J.

WOOD STORM WINDOWS AND SCREENS - 20 each, 31 inch by 54½ inch. 3 each, 24 inch by 36 inch. C. Smol, Ext. 2416 or 422.

2 SNOW TIRES - 600-16. Used ½ season. Also 4 600-16 tubes. No patches. Best offer. Ext. 2135.

MODEL AIRPLANE - and engine. Ringmaster Jr. 30 in. stunt control line model, by Sterling. All assembled, and doped. With a Fox .09 gas engine. Both are brand new and all ready to go. \$12. GRover 5-1285.

MATTRESS - full size 4½ inch foam rubber mattress and matching boxsprings. Used 1 year. E. Raka, Ext. 310.

GUITAR - Stella brand, with case. Approximately 2½ years old. Slightly used. \$15. Lloyd, Ext. 2196.

FOR RENT

HOUSE - 8 rooms, 1½ baths, furnished including refrigerator and range. Located on beautiful farm near Long Island Sound and public beaches. 145 Sound Ave., Riverhead. PArk 7-0364.

WANTED

CRIB - bathinette, baby carriage and lawn mover (one manpower). B. Mozer, Ext. 749. WAFFLE IRON - used. State your price. N. Van Norman, Ext. 301, Pav. 2. Bellport 7-0238 evenings.

BASSINETTE - used but clean. Joe, Ext. 2307.

FURNISHED HOUSE - to rent in Bellport area. Small - 1 or 2 bedrooms. For at least one yr. Houtsager, Ext. 2430.

FILE CABINET - 2 or more drawers. M. Levine, Yaphank 4-6678.

ALUMINUM CANOE - any condition. Bob Monaghan, Ext. 604 or 2407.

AUTOMOBILE - 1952-53 4 door sedan or station wagon in good condition. Ext. 727.

CAR POOLS

Would like to start or ride in a car pool. North Patchogue between North Ocean Ave. and Phyllis Drive. Ext. 769, J. Kalinowski.

Would like additional members for existing car pool from vicinity of Middle Road and Blue Point Ave. in Blue Point. Ext. 548, J. Costanzo.

Am interested in joining or forming car pool from Central Islip area. Don't hesitate! Call Ext. 573 or CEntal Islip 4-9365, ask for Bob DiGerolamo.

Riders wanted. Originating from Wantagh. If interested, please call Al Laurine, Plant Maintenance, Ext. 586.

Ride wanted from Merrick or vicinity. Ext. 749, J. Rothmann.

Want to join car pool from vicinity of Williston Park. R. Graeb, Ext. 486.

Wanted - ride from Eastwood Blvd., Center-each. One mile off Jericho. 8:30 to 5:00. Pat Donnelly, Ext. 2312.

Wanted - to join car pool or become a passenger. Vicinity, West Main St., Patchogue. H. Hayes, Ext. 341.

LOST

TAN MAN'S RAINCOAT - size large. Cafeteria approximately 3 weeks ago. Harold Schwarz owner.