

the Bulletin Board

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Fringe Patter

ELIGIBILITY AND ENROLLMENT FOR THE MEDICAL INSURANCE PLAN

Family Benefits

When a single employee marries and wishes to change from the Single to the Family Plan, application should be made at the Personnel Office. If the application is made within 90 days of the date of marriage, no medical examination will be necessary. After ninety days evidence of insurability will be required.

Maternity Benefits

Maternity coverage for the wife of an employee with a Family Plan becomes effective nine months after the application for family benefits is approved.

Student Benefits

When the child of an employee becomes 19, his coverage under the Family Plan is automatically cancelled. By payment of an extra premium equivalent to the premium paid by a single employee, children over age 19 are eligible for coverage if they fulfill all of the following conditions:

1. They are unmarried and make their home with the employee;
2. They are fully dependent upon the employee; AND
3. They are attending an accredited college or university on a full-time basis.

Application should be made at the Personnel Office within 90 days from the date of starting school as defined under Condition #3.

FILM PROGRAM IN PREPARATION

A winter and spring program of movies is now being prepared. Tentative dates have been set for Ingmar Bergman's *The Seventh Seal*, Richard III starring Lawrence Olivier, John Gielgud, Claire Bloom and Ralph Richardson. The third film booked is *The White Shiek* with Giusetta Masina.

The remaining films which we hope to obtain are: *The 400 Blows*, *Hiroshima*, *Mon Amour*, and *The Lovers*.

The Film Study Group is looking forward to a successful season. The new projector, screen and speakers have eliminated the unsatisfactory showings of a year ago. It is planned to issue a series ticket.

GROUND BROKEN FOR HIGH INTENSITY RADIATION DEVELOPMENT LABORATORY



Dr. Paul C. Aebersold breaking ground for the HIRDL. Behind Dr. Aebersold (left to right) are Bernard Manowitz and Dr. Clarke Williams of the Nuclear Engineering Department, Dr. Leland J. Haworth, Director of BNL, and Emory Van Horn, Manager, AEC Brookhaven Area Office.

Ground was broken yesterday, Monday, November 28, for a radiation engineering laboratory designed to advance the Atomic Energy Commission's program for process radiation development.

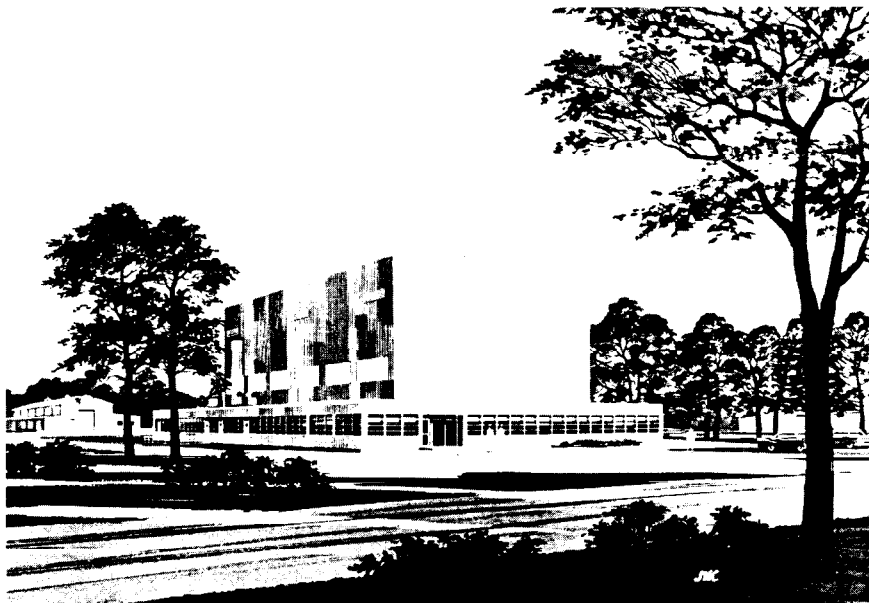
The ceremony was performed by Dr. Paul C. Aebersold, Director of the AEC's Office of Isotopes Development, under whose auspices the Commission's program is being administered. Also present were Dr. Leland J. Haworth, Director of BNL; and E.L. Van Horn, Manager, AEC Brookhaven Area Office.

(Please turn to Page 2)

GROUND BROKEN—Cont'd

The estimated cost of the High Intensity Radiation Development Laboratory (HIRDL), including equipment, is \$1,850,000. The total area of the building will be approximately 15,000 square feet.

The main uses intended for this new facility are: to obtain engineering information on the characteristics of various types of radiation sources at various levels of radioactivity; to develop more efficient techniques in the handling of large-scale radiation devices; to obtain information for their design; for the training of engineers and scientists in the uses of radiation sources for research purposes; and ultimately, for industrial application. The total level of radiation expected to be housed in this laboratory is approximately 2 million curies. Most of the sources will be of cobalt-60 and cesium-137; spent reactor fuel elements will also be used as sources of radiation.



Rendering of HIRDL

The building will have a gross area of about 12,000 square feet, of which more than half will be in one high room containing laboratory facilities which will consist of two shielded cells and a canal. These unique cells were developed by engineers and scientists in BNL's Nuclear Engineering Department. An Experiment Preparation Cell will receive radiation source material in elemental form, to be tested and encapsulated into containers for use in evaluation experiments. In the Experiment Irradiation Cell, materials will be exposed for high-level irradiation studies and evaluation of various geometric arrangements of sources. The Canal will be used for storing, transporting and setting up experimental encapsulated sources.

Adjoining the high intensity radiation experimental area will be one wing for offices and another for cold chemistry laboratories. Approximately 27 people will be housed in the new facility.

Construction is expected to be completed in about one year.

BROOKHAVEN SKI CLUB

The next meeting of the Brookhaven Ski Club will be held on Monday, December 5, at 8 p.m. in the Recreation Building, Apartment Area. Final plans for the Club's first trip of the season for the weekend of January 7th and 8th to either the Manchester or North Creek

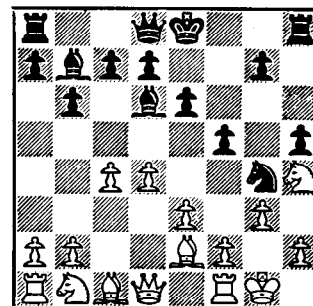
Area will be discussed and reservations will be taken. This is to be a bus trip with everything but the cost of tows and the rental of equipment to be included in the total price of \$37.00 per person. If you are interested, please contact Ginger Moore, Ext. 301-40 for further information. Hopefully, a ski movie will be shown after the meeting!

WEEKLY SAFETY HINT

Fred Van Dervoort, Safety Coordinator of the Bubble Chamber Group of the Physics Department, is concerned not over the safety indoctrinations but over the specific job instructions given to new members of the Laboratory staff. The cause of concern lies in the fact that the new man's safety awareness is predicated to a great extent upon the job instruction that he receives and the example set by the older employees. Therefore, the instructions given to new employees and the example observed by them must be one which includes Safety as an integral part.

THEATRE GROUP

There will be a general meeting of the Theatre Group on Tuesday, December 13, at 7:45 in the Theatre.

CHESS PROBLEM

Black to move

In this week's problem, submitted by the BNL Chess Club, it is black's move and win. A true master probably could meet the all-out king side attack by black. Can you? Answer elsewhere in this week's BULLETIN BOARD.



BERA BOWLING

LADY KEGLERS COLUMN:

Medigals increased their hold on 1st place by taking a complete 4 point victory over the APC's. We now have a three-way tie for 2nd; Odds & Ends, Boo Boo's, and the Twinkle Toes, with the Boo Boo's taking 4 points from the Odds & Ends (Grace Siemen converting the 6-7-10 split), and the Twinkle Toes taking 3 points from the All Thumbs. The Nightingales, although bowling well, were not strong enough to cope with the Alley Kats this week. They lost all 4 points; little wonder with Theresa Barbato rolling 181/516, Pat Ferrigno 184/476, Carol Reynolds 179 and Lois Bartos 165. The Alley Kats must really be munching their "Wheaties" as they set a new team high of 803, team series 2128. NICE SHOOTING! Other high games were: Nancy Van Norman 186, Judy Otto 162, Grace Siemen 160, Jean Hughes 159, Barbara Oelkers 153 and Joyce Henderson 152. Next week is position night and should prove interesting, what with the three-way tie for second, and the portly Twinkle Toes promising to wear their "Athlete's Feet," which last week were suspended over the lanes to frighten the opposition. (Somebody on the team needs a pedicure.)

BLUE LEAGUE 11/23

The Techs continue to bowl well and remained in 1st place, taking 4 points from the Nuclides. Hildenbrand of the Techs bowled a 190-535 series, leading a steady team, most of whom bowled their averages.

The Splitters squeaked into second place by splitting with the Pacers 2 and 2. Carter led the Splitters with his 190-533 series. Jackson kept the hopes of the Pacers high with his 191, 201-532 series. The Pacers are now in third place, one point behind the Splitters.

The Meteors, now in a two way tie for third place with the Nuclides, took 3 points from the Snafus. The losers took the last game by 5 pins gross. However, no nominations were made for the Blue Ball from either Club.

The Powermites took three from the Bubble Boys. Nerenberg with a 179, 171-491 series and Walker's 180 game were too much for the Bubble Boys, although they came through again with best series of the match. Scheliga bowled a 178, 185-535 series and Ferrante bowled a 201 game.

Blue Ball of the week to Joe Scheliga of the Bubble Boys for his best gross series in the league of 593.

RED LEAGUE

The Skins and Gnats rolled it off with the Skins taking all 4 points. The Skins who rolled up their sleeves to really roll up a good score were Lento 472, Weinmann 483, and Potter who rolled a 530 right over a few Gnats. The only Gnat who didn't get bowled down was Van Norman. (He was just too big for the Skins.)

The Bismuth Kings brought out some of their heavy guns against the Biology men.

With these weapons, they took two points from Biology. The big guns for the B.K.'s were Watson 457, Carsten 529, and Pvt. Atherton with a big 547. On the other side of the front, Biology fought back with Schairer's 468 and McGovern's 477.

The Downunders weren't hurt by the Bugs too much this round for they took 2½ points. The hard men that form the core of the Downunders were M. Iarocci 452, Fales 472, (his team finally let him roll in all 3 games), and Zahra (Zorro rode his horse down the alleys to get a 534). The Bugs that fought hard to get 1½ points were Rowland 472, T. Iarocci 519 and once again the man with the best haircut in town, Shipley, rolled a 516.

PURPLE LEAGUE

The Thanksgiving turkey was won by the Dirty Bird's Capt. T. Coyle, whose name was drawn from the hat by "Pop" Maggio. The Hopefuls had a bye from the Dirty Birds.

The Designers took 3 points to move up within 1½ points of the 1st place Scotches. For the Designers A. Teixeira had 193-512, J. Roecklein 199, 215-590. The Scotch's anchor man lost his anchor.

Fiscal nailed 4 points on the Woodbutchers. The big men for Fiscal were R. Brouwer with 174, H. Bohn with 199, 207-565, and one little man, A. Saletros, with 92. The Woodbutchers who tried were W. Ruppert 178 and A. Benson with 177.

The Bowl Aids could do nothing against the Phoubars' hot 2 man team, who were at it again. Phoubars' D. Vogt, with 200-528, and B. Brown, with 196-528, were the boys who bagged the 4 points.

BOWLING HOLIDAY SPECIAL

An all BNL Bowling Leagues competition will be featured the week of December 12th. Our five leagues will be rolling against each other's scores to determine a winner. During this week, a prize of "Free Bowling" (15 games) will go to the participating members of the team that compiles the highest 3 game team series including handicap. The scores registered during each league's regular bowling night will be used.

The Bowling Executive Board, which is sponsoring the event, hopes to schedule a few more inter-league specialties before the season's end.

The Ladies (Last Year's Champs) will be competing using a revised handicap system.

Men! - Here's a chance to redeem yourselves.

FISHING AWARDS

The Fishing Committee has called an open meeting on Wednesday November 30th at noon in the Recreation Office for the presentation of the B.E.R.A. Awards to each class winner and the "Fisherman of the Year."

At this time the past contest will be reviewed and discussion will be open on the plans for a new and improved competition for the 1961 tourney. Your presence and suggestions as a fisherman or fisherwomen are urged. Please try to attend.

SECOND CONCERT



Rey de la Torre

The Concert Series got off to an excellent start with the appearance on Nov. 8 of the Julliard String Quartet. A capacity audience of nearly 300 persons attended.

For the second concert, we are pleased to present the noted classic guitarist, Rey de la Torre. This recital will take place in the Research Staff Lounge on Thursday evening, Dec. 8, at 8:30 p.m.

Rey de la Torre was born in Havana, and was sent by his parents to Spain at the age of 14 for his studies. He made his debut in Barcelona, and his American debut in a 1941 Town Hall recital. He is a recording artist of note, now recording for Epic Records, and has appeared on television on "Studio One" and the Jack Paar Show. In June 1960 he played the guitar background on "Play of the Week" (Garcia Lorca's "The House of Bernarda Alba").

His program features Bach transcriptions and original works for the guitar by Villa-Lobos, Albeniz, Turina, and others.

Single admissions will be available at the concert at \$2.50 for adults, 75 cents for children.

"THE ALAMO"

Special discount coupons are available to employees of the Laboratory at a 20% reduction to the movie spectacular, "The Alamo", playing at the Rivoli Theatre in New York City. The offer is good for dates from November 27 through December 1. Coupons have been sent to all departments and are available at the Personnel Office, 58 Brookhaven Avenue.

UPTON RIFLE AND PISTOL CLUB

A film, entitled "Commence Firing," will be shown at the December 1st monthly meeting. All members are requested to turn in all club equipment to the Recreation Building club room. We are taking inventory this week.

The NRA winter pistol league has started, and the URPC shooters got off to a flying start by winning 2 of the first 3 matches. The first match was lost to Mattituck 932 to 838. The Second match, against the Riverhead Sportsmen, was won by the URPC's 856 to 602. The third match was fought at Southampton and there the URPC top guns won by a score of 986 to 964.

The four top scorers were:

1st match - M. Johnson 232; P. Hichborn 230; J. Diener 190; and F. German 186.

2nd match - J. Kopp 240; M. Johnson 207; P. Buhl 207; P. Colsmann 202.

3rd match - C. Goodzeit 264; J. Kopp 257.

CHRISTMAS CANDY AND COOKIES

Orders for Christmas Candy and Cookies are now being taken at the Personnel Office at 58 Brookhaven Avenue. All orders must be accompanied by payment. The last day to order is Friday, December 16.

CHRISTMAS PARTY SCHEDULE

DECEMBER		
3 - A.E.C.	- Recreation Building	
9 - Plant Maintenance	- Brookhaven Center	
10 - Cosmotron	- Brookhaven Center	
10 - Reactor	- Recreation Building	
13 - Physics	- Brookhaven Center	
15 - Biology	- Recreation Building	
16 - Applied Math.	- " "	
17 - Machine Shop	- " "	
17 - A.G.S.	- Brookhaven Center	
19 - Electronics	- " "	
20 - Nuclear Engr.	- " "	
20 - Bubble Chamber	- Gymnasium	
21 - Health Physics	- Brookhaven Center	
22 - R.W.D.	- Recreation Building	
22 - Chemistry	- Brookhaven Center	

BASKETBALL**Results Last Week:**

Oddballs 32	Biology 27
Metallurgy 35	Health Physics 16
Big Five 35	Old Timers 29

Game This Week:

6:15 Old Timers vs Health Physics
7:25 Big Five vs Odd Balls
8:35 Metallurgy vs Biology

ANSWER TO CHESS PROBLEM

WHITE	BLACK
1.	Q x N (The treat is 2... Q x P)
2. B x N (Or P x Q, B x P mate)	Q x P check
3. K x Q	P x B check and mate next.

BNL SAFETY RECORD

12 DISABLING INJURIES at BNL thus far in 1960 (for a rate of 2.78 injuries per 1,000,000 manhours - compared to the All AEC Research Contractor rate of 1.53).

CLASSIFIED ADS**FOR SALE**

1950 PLYMOUTH - 4 dr. sedan. 65,000 mi. Quite presentable cond. Quiet and reliable. \$100 or best offer. AT 6-8206.

1957 CHRYSLER HARDTOP - Full power, excellent condition. Sell for best offer over \$1000. Call AT 9-0632 after 6:00 p.m.

1957 OLDSMOBILE 88 - Hard top, 2 dr. R&h., Auto trans. Good condition. C. Foelix. Ext. 769.

1949 FORD COUPE - 4 new retread tires, new battery, radio. Good running order. \$100. Ext. 520. Jansen.

1960 RAMBLER AMERICAN SUPER - 2 dr., 2 tone grey, auto. trans. R&h and extras. 7,000 mi. \$1695. 9-12 and 1-4, call WEst. 4-3134. Weekends and evenings, EAstport 5-0183 R.

HOUSE - Large older house, excellent condition, on landscaped acre, living room, family room with fireplace, large dining room, large screened-in porch, five bedrooms, full cellar and attic, hot water-oil heat. \$19,500. Ext. 2203 or BAyport 8-0434.

HOUSE - In Yaphank on well landscaped, wooded, corner lot, 125X200', with two bedrooms on main floor, one in basement, full cellar, modern kitchen, dishwasher, large closets, 10 minutes from Laboratory. \$10,800. SH 4-5096.

HOUSE - 2 family. Centrally located in Patchogue. 6 rms. upstairs rented. 4 rms. downstairs. Good investment house. Well landscaped property, 2 car garage. Ext. 2453 after 3:30, or ATlantic 4-0749. Monahan.

HOUSE - Mastic. 6 rooms, hot water heat, full cellar. Eight miles from Lab. Anchor fenced plot 80X100'. \$10,500. Call AT 1-8532, anytime.

HOUSE - Yaphank. Well landscaped, wooded corner lot, 125X200 ft. 2 bedrooms on main floor, 1 in basement. Full cellar, modern kitchen, dishwasher, large closets, 10 min. from Lab. \$10,800. SH 4-5096.

RANCH-TYPE HOME - 3 bedrooms, large living rm. with full wall fireplace, hot water heat, with 24X24 ft. detached garage on plot 150X125 ft., located outside Patchogue village. Ext. 2381.

HOUSE - South Country Shores, E. Patchogue. Excell. location, 100X150 ft. lot nearby modern marina. 2 bedrooms, lovely sun room with fireplace, raised patio. \$15,200. GRower 5-1254.

RACING BOAT - 10 ft. inboard. Crosley powered direct drive. Hull fiberglassed. Speed 40-45 and better. \$200. Ron, Ext. 464.

17 FT. THISTLE - excell. cond., many accessories. ATlantic 9-1740 after 6 p.m.

PIANO ACCORDION - 48 bass, with case and caddy wheels, like new. \$75. Ames, Ext. 2385 or ATlantic 6-8236.

AMPLIFIER - Bogen model DB 130. 30 watts, ± 15 db tone controls. Inputs for phono, radio, tape & aux. position. \$40. Kessler, Ext. 2473.

SLIDE PROJECTOR - "LaBelle Showman." Auto. changer, blower cooled, 300 w. lamp. Shows 35 mm. or super slides. With case and ten 40 slide magazines. Only slightly used. \$25. L. Baker, Ext. 591.

8 FOOT PRAM - 2 years old. Very good condition. \$40. Also 1 1/2 H.P. Evinrude - It runs. \$20. Call John T. Ext. 2376.

WASHING MACHINE - GE non-automatic, full size. \$10. Ext. 2119 or BE 7-0866 after 6 p.m.

BOAT TRAILER - Home made, 4 wheel automobile frame type. -40. Ext. 2255.

TWIN CARRIAGE STROLLER - Good condition, \$20. Call AT 6-9490.

HOT WATER HEATER - Used 40 gallon John Wood electric Hot Water Heater. \$15. Ext. 2255.

FIREPLACE - For sale. Call evenings after 6 p.m. AT 1-6108.

TRANSCEIVER - Citizens Band Super Heterodyne. Lafayette model HE 15. 6 months old. Complete with 12 volt converter for use in car or boat. Call Ext. 2381.

SPEAKERS - 2 Tweeters (Calrad) 1200, 15,000 cps, and 12" Quam speaker. Less than one year old. \$5. each. Also Hi-fi cabinet - Mahogany 4'X1 1/2'X3'. Space for speaker system, electronics and records. \$20. Ext. 301-33.

ICE SKATES - Girl's white figure skates, size 3. Excellent condition \$3. Ext. 2430.

ICE SKATES - Ladies' white. Perfect cond. \$5. Ext. 687.

AMERICAN FLYER - 50 T - electric train set, plus extras. Cheap. Also mechanical train set. R.A. Beth, Ext. 2263 or AT 6-8215.

TARPAULIN - 20X32 ft. 12 oz. waterproof tarpaulin, suitable for boat cover. \$40. T. Honnett, Ext. 577.

LADIES MOUTON FUR COAT - size 11-12. 3/4 length. Excell. cond. \$25. Ext. 2268.

LOST

RAINCOAT - October 12 in Brookhaven Center. Woman's London Fog Raincoat. Someone mistakenly took my raincoat and left hers. Call Ext. 408.

FOR RENT

APARTMENT - 2 rm. bachelor apt. Furnished. All utilities. Centrally located in Patchogue. GR 5-1880.