

the Bulletin Board

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THREE BNL MEN OPERATING GAMMA-RAY EXHIBIT IN ARGENTINA

Three BNL staff members from the Nuclear Engineering Department, Otto A. Kuhl, Jerome Weiss, and Belmont Sylvester, are participating in the U.S. Atomic Energy Commission's exhibit, *ATOMS AT WORK*, which opened at Buenos Aires, Argentina, on November 1. They are in charge of an operating, pool type gamma irradiation facility designed and built at the Laboratory, in which experimental work in radiation biology, chemistry, and related fields will be carried on throughout the exhibit by scientists of the host country under the direction of the BNL men.

The exhibit, which will remain in Buenos Aires through December 15, will then move on for showings in three other South American capitals: Rio de Janeiro, Caracas, and Lima. The tour, which is a part of the United States "Atoms for Peace" program, will take approximately one year.

— ANNOUNCING — THE BROOKHAVEN LECTURE SERIES

FIRST LECTURE: Radioastronomy and communication through space, by Professor Edward Purcell of Harvard University, Nobel Laureate, at present Research Collaborator at BNL. Wednesday, November 16th at 8:00 p.m., in the Research Staff Lounge. (Refreshments at low price.)

Most of us at Brookhaven have wondered what the next person, the next laboratory or the next department is doing. What "they" do affects all of us. We are often prevented from knowing what goes on because each specialty has its own language and the rest of us may not be conversant with it. What we need is plain English by knowledgeable persons so that we can discuss and question and profit. This is the aim of the Brookhaven lecture series. It will also give us a chance to meet each other as scientists and to explore what we have in common, where we differ and how we bear on each other.

The lectures will be given at approximately monthly intervals, by members of the staff and by visitors to the Laboratory.

JULLIARD QUARTET - Wednesday Nov. 9
8:30 p.m., Research Staff Lounge

TECHNICAL INFORMATION



Rose Biamonte with BNL reports ready for distribution.

In the early days of the Laboratory, a staff member summarized BNL's purpose in these succinct terms: "We're different. Oak Ridge makes U-235, Hanford makes plutonium, Los Alamos makes the Bomb. We don't make a thing - except knowledge". There is a great deal of truth in this statement; the end products of Brookhaven's research program are the written and the spoken word - the article in a scientific or technical journal, the BNL report, the speech delivered at the meeting of a scientific society - all contributing to further man's knowledge of the fundamental laws of nature.

The prompt and efficient processing and dissemination of this knowledge, the fruits of our research, is the responsibility of the Information Division. Yet it is just as important to ensure that BNL scientists derive the maximum benefit from the research performed elsewhere. Thus, the Division must provide a two-way function, both to disseminate and to assemble technical information. Now that the great majority of this information is in the unclassified areas of research, it is possible to handle it without the many strict regulations necessary in the case of classified documents. The exchange of information with other laboratories, domestic and foreign, and now even with Soviet-orbit countries, is encouraged, and the average print run of an unclassified BNL report is over one thousand copies. Such "best-sellers" as the annual Biology Symposia series run much higher, generally 4000 copies. In addition to free distribution to staff members and consultants, other AEC sites, cooperating U.S. Government agencies, AUI universities, and laboratories with which we have ex-

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TECHNICAL INFORMATION—Cont'd

change agreements, copies of our reports are sent to the Office of Technical Services in Washington, D.C., the official sales agency for all unclassified, AEC-generated documents. Thus, industrial organizations and others not directly affiliated with the AEC project may purchase our reports at a nominal price.

The Information Division's Editorial Group edits and otherwise prepares manuscripts for publication as BNL reports. When the copy has been given a detailed technical editing, and all illustrations and their captions have also been checked, the report is turned over to the Photography and Graphic Arts Division for typesetting. A galley proof, together with the original manuscript, is then returned to the editors for proofreading. When any necessary corrections have been made and rechecked, the type is laid out in page form. After a final editorial check, Graphic Arts prints the required run, and the bound copies are delivered to the Information Division, ready for distribution in accordance with the lists that have been compiled for each broad subject category of technical information.

Manuscripts for journal publication are processed by a separate unit within the Division. In this case, no attempt is made by the Laboratory to edit the material, since each journal provides its own editorial facilities. Before the manuscript can be submitted to the journal, however, it must be checked for any possible patent significance, classification, and overall Laboratory policy. Naturally, these last two checks are scarcely necessary any more, but an occasional article does report an original discovery or invention, which might require the filing of a patent application by the AEC, before this information can be released to the journal. This same check for possible patent interest, which is given by the BNL Patent Engineer, must also be given to BNL reports, before issuance. A copy of the document is transmitted to the AEC's Office of Technical Information, in order that it can be abstracted, if considered necessary, in the important AEC journal NUCLEAR SCIENCE ABSTRACTS. As an index to the growing productivity of BNL in technical information, the Division processed 607 papers (including published abstracts of speeches) in the last fiscal year, as compared with 486 for fiscal '59, 473 for fiscal '58, and 401 for fiscal '57. An additional function of this group is the maintenance of a film library containing over 50 technical and popular-level motion pictures on atomic energy, which are available on loan to schools, civic groups and others.

Although very little of the Laboratory's research is now classified, some of the staff, especially those in the Nuclear Engineering Department, still require access to classified information from other laboratories. The Division's Classified Library has the responsibility for safeguarding and accounting for all classified documents within the Laboratory, although some of it may be charged out temporarily to individuals with the proper clearance, and with the approved facilities for safely storing such material. Inventories of all classified documents charged to the Laboratory are conducted at regular intervals. BNL can be proud of its present record, with not a single classified item on the missing list, out of the many thousands which have been received and generated here since the Laboratory was founded in 1947.

The remaining, and major function of the Division is the operation of the Research Library. In an installation where the areas of interest range all the way from bacteriology to cosmogony, a well-rounded library is essential. The book collection now comprises approximately 50,000 volumes, and about 1,000 periodical subscriptions are maintained. The detailed operation of the Research Library, and its many functions in meeting the exacting and sometimes bizarre informational needs of the Laboratory staff, will be the subject of a full-length article in a future issue of THE BULLETIN BOARD.

BANK HOLIDAY PAY SCHEDULE

Friday, November 11, 1960, will be observed as a bank holiday and the on-site bank will be closed.

Members of the staff who are paid on a weekly basis will, therefore, be paid on Thursday, November 10, 1960. They will receive their checks at the same hours and the same place as on Fridays.

POST OFFICE HOURS

The U.S. Post Office on site will be open from 1:00 p.m. to 4:30 p.m. on Veterans Day, November 11, 1960.

WEEKLY SAFETY HINT

DUDLEY THOMPSON, new Safety Coordinator for the Reactor Department, advises: "When using portable electrical equipment, make sure it is properly grounded. Where three wire receptacles are available, all portable electrical equipment should be provided with suitable male plugs. If 3 wire receptacles are not available ground lugs or pigtails should always be used, and any missing or broken grounding facilities should be replaced immediately." (GS 9-1)

EYE SAFETY FILM

Over 500 BNL employees attended showings of an eye safety film last week. The film, "It's Up To You", produced by the National Society for the Prevention of Blindness, portrayed an eye injury which resulted from momentary failure to use safety glasses, and the surgery which followed. Most of the people who saw the film agreed that it was a powerful argument for proper use of eye protection. (The Safety Office offers an apology to the few who suffered an unanticipated reaction to the surgical details).

NICK SOWIAK**FISHERMAN OF THE YEAR**

All entries have been sorted and totaled, and during the process a very close race was seen by the judges. In fact deciding entries were turned in as late as two days before the deadline of October 31.

Final results showed that Nick Sowiak nosed out Jim Klein by the smallest of margins (1 point) and Kurt Jellett pulled into third place 3 points behind Klein. In compiling his winning total of 10 points, Nick took firsts with a 5 pound fluke and a 7 pound 8 ounce blue; and a second with a 27 pound 10 ounce striper.

Class winners are the following:

Fluke, 5 lb.	Sowiak
Striped Bass, 30 lb., 4 oz.	Baranosky
Blackfish, 7 lb., 8 oz.	Wichman
Blue, 7 lb., 8 oz.	Sowiak
Cod, 27 lb., 8 oz.	Kluska
Porgie, 3 lb.	Schroeder
Kingfish, 12½ oz.	Castleman
Mackerel, 1 lb., 9 oz.	Beckwith
Tuna, 25 lb.	Farrell
Weak, 2 lb., 14 oz.	Klein
Brown Trout, 12 oz.	Jellett
Largemouth Bass, 2 lb., 2 oz.	Klein
Flounder, 2 lb., 10 oz.	Flynn

SWIM CLASSES FORMING

Water sports are now listed as the Number One participation recreation activity in our nation. Boating - fishing - swimming - water skiing - skindiving. Are you enjoying these activities? If not, perhaps the answer is that you can't swim well enough. If either is the case now is the time to better prepare yourself.

Adult Classes will be held on Tuesdays at 5:15 p.m. Each session will be one hour long, once a week for a seven week period. The fee for the entire course will be \$4.00 per person. Classes will begin on November 22nd if enough employees (and wives - husbands) sign up. Please register as soon as possible. Registration fee must accompany your application. Send or bring to G. Sabine. Recreation Office, Ext. 391. (Make checks payable to BERA).

Children's Classes-requests have again been forthcoming to provide winter instruction. A class will be organized on **Friday** evenings from 6:30 p.m. to 7:30 p.m. starting on November 18th if enough children register in advance. Children must be at least 4 ft. tall. The length of course, fee and registration procedure is the same as the adult class.

JULLIARD QUARTET - Wednesday Nov. 9
8:30 p.m., Research Staff Lounge

UPTON RIFLE AND PISTOL CLUB

The annual election of officers took place last Thursday, with the following results: President, F. German; Vice President, R. Domish; Executive Officer, J. Diener; Secretary, R. Chapman; Treasurer, A. Lucas; Chief Instructor, P. Colombo.

Trophies were awarded to the winners of the large bore and small bore tournaments held during the shooting year. Winners for the small bore were: 1st high average, E. Hart; 2nd high average, R. Domish; high score, P. Colombo; best gain, J. Giebler. Winners for the large bore were: 1st high average, P. Colombo; 2nd high average, J. Diener; 3rd high average, A. Lukas.

Any club member interested in trap-shooting, contact R. Chapman, Ext. 624.

DANCE EXHIBITION

Two instructors from the Arthur Murray Studios will offer us a demonstration of the latest dance steps at the Recreation Building on this Thursday, November 10th at 8:30 p.m. A free lesson will be offered to those attending.

At this time registration will be accepted for a course of instruction beginning on the following Thursday. It will consist of 10 lessons at a cost of \$1.50 per person per lesson.

Be sure to come out this Thursday and let the instructors know which dances you would like to learn. The course will be set up on the basis of the desires of those attending this organizational meeting.

THEATRE GROUP READING

The reading of J.B. will take place on Wednesday, November 16 at 8:30 p.m. at the home of Ruth and Harold Schwarz. All interested persons are invited.

ROVER - HOCKEY TICKET SALE

N.Y. ROVERS VS. JOHNSTOWN JETS
Sunday, November 20, 3:00 p.m.
Long Island Arena, Commack

Tickets on sale at Recreation Office in Gym. Ticket deadline, Wednesday, November 16.

Regular price \$2.50
Our special price \$1.40

POOL SPECIAL

FRIDAY, NOVEMBER 11th

**Demonstration by
BNL SKINDIVING CLUB**

Doors open at 7:00 p.m.
Demonstration begins at 8:30 p.m.

SKIN DIVERS OPEN HOUSE

Monday, November 14, 1960 - 8:00 p.m.



If there's anything at all you want to know about skin diving, don't miss the big Open House being held by the Brookhaven Divers Club on Monday night at the Pool. All aspects of this fast-growing sport will be represented. There will be displays of equipment available to the diver and experienced divers to answer all your questions. Two underwater films, "Deep Sea Adventure" and "Neptune's Mysteries" will be shown just to give you a taste of what is in store for the skin diver. There will be diving demonstrations plus an ample supply of aqua lungs available to those people willing to make a descent to the bottom of the pool. Of course, plenty of experienced divers will be there to supervise.

The third annual Skin and Scuba diving class is in the process of being organized. Tentatively the course will cover skin diving with fins, mask and snorkel and then advance into Scuba diving. It will be held every Monday night beginning sometime in late November or early December. Your instructors will be successful graduates of previous diving classes. Final arrangements have not as yet been formulated, so come on out and let your wishes be known.

For any information regarding the Open House or the Diving Class, contact Jean Lauer, Ext. 2390.



BERA BOWLING

BLUE LEAGUE

Larsen Rolls 661

The Techs moved to undisputed first place taking four from the Meteors. Larsen, Gammella and Wessel all bowled 200 plus games. Larsen put two together for a 256, 217, 661 series. For the Meteors, Walsh had a 195 and Stelmashuk a 181, 513 series.

The Nuclides sneaked into second place and took 3 points from the Pacers by winning the third game by 6 pins and total wood by 8 pins. Due credit to Milau with a 208 third game. For the Pacers, Jackson's 191, 501 series was the brightest light.

The Powermites and the Snafus split 2 and 2. Walker for the Powermites with a 503 series and Uddman for the Snafus with a 517 series, were the steadiest for each club.

The Splitters won 4 from the Bubble Boys, although the best series was bowled by Ferrante of the Bubble Boys, a 179, 521 series.

No question about the Blue Ball of the week won by Dick Larsen of the Techs with a 256, 217, 661 series. Dick now leads the league for high average, 197, high game, 256 and high series 661.

RED LEAGUE

The Skins and Bugs went at it again with just as much push on both sides to come out of it with 2-2. The pushers for the Skins were Potter, 501, Lento, 473, Weinmann, 469, and Bugala, 459. The high rollers for the Bugs were Shipley, 535, Laurine, 528.

Well it looks like the Gnats were bisected by Biology to the tune of 3 to 1. The Fox lost his fur piece, 429 and Selleck bowled on the wrong alley with his 400. The needle men for Biology were McGovern with a 457 and Rusica with a 426.

The first (Downunders) and last (Bismuth Kings) place teams slugged it out, only the Downunders were too hot to handle and they took 3 points from the Bismuth Kings. The hard riding Downunders were Perry, 487, Biesel, 475, and Zahra (Zorro) with a 456. The Bismuth Kings that helped to take 1 point were Carsten, 494, Watson, 472, and Austin, 458. Next week Zorro will lose his whip and maybe his horse too.

LADY KEGLERS COLUMN

The Medigals are closing in on the Odds and Ends for first place position with only a one point difference by taking a four point victory over the All Thumbs. The Odds and Ends took three points from the Alley Kats with Barbara Oelkers converting the 6-7-10 split for a 153/415 and Grace Siemen's 173/513. The Boo Boo's took three from the Nightingales with the very proficient help of Kay Conkling's 160/470. And then we come to our "very merry" Twinkle Toes (contenders for first place) who again took three points, this week from the APC's, with the very able assistance of their Pat Towey's 163.

GYM REOPENS

The Gymnasium will be open for evening activities until 10:00 p.m. on Wednesday, November 9th and Thursday, November 10th. The following schedule will be in effect beginning the week of November 14th.

MONDAY: 5:00 - 7:00 p.m. Tennis (by reservation).

TUESDAY: 5:00 - 6:00 p.m., General Activity; 6:00 - 10:00 p.m., BNL Basketball League. 3 department games, 6:15, 7:25 and 8:25 p.m.

WEDNESDAY: 5:00 - 7:00 p.m., Tennis (by reservation); 7:00 - 10:00 p.m. Open for general activity, badminton, volleyball, table tennis, basketball, exercising, etc.

THURSDAY: 5:00 - 7:00 p.m., BNL Volleyball League. Badminton, Table tennis. 7:00 - 10:00 p.m., Open for general activity, badminton, table tennis, basketball, volleyball, exercising.

FRIDAY: 5:00 - 7:00 p.m., Tennis (by reservation).

BASKETBALL CLINIC

Six teams are entered and preparing to start the season playing slow-break basketball. Officials from the Western Suffolk Basketball Referees Association have been contacted and have offered their services to conduct a clinic for our players on Thursday, November 10th at 7:00 p.m. in the gymnasium. This is designed to familiarize the teams as well as the officials with the new regulations. An explanation of the rules and practical demonstrations will be offered. It is urged that all members of the league attend.

A captain's meeting will be held at the Recreation Office on Wednesday, November 9th at noon. Opening games will be played on Tuesday, November 15th at 6:15, 7:25, and 8:35 p.m. Teams entered to date include: Metallurgy, Biology, Health Physics, Old Timers, Odd Balls, and the Big Five.

VOLLEYBALL LEAGUE

A brief meeting was held last week to draw up plans for the coming season. Five teams have indicated definite interest and a sixth is pondering their entry. Lined up so far are the Bubble Chamber, Cosmotron, Medical, AGS, and Chemistry.

A warm up night will precede the scheduled season on this Thursday evening at 5:00 p.m. On Friday, November 11, at noon in the Recreation Office the captains will again meet to discuss league regulations (if any).

CLASSIFIED ADS

FOR SALE

1952 HILLMAN - 4 dr. sedan. Economical, dependable second car, has had recent work. Best offer over \$175. John Walsh, Ext. 454.

1955 FORD FAIRLANE - 4 dr. sedan, Fordomatic, dual exhausts, r&h, plastic seat covers. Borg. Ext. 301-7.

1960 MGA - white with black leather seats, wire wheels, tonneau cover, abarth exhaust, r&h, windshield washers, 9700 mi. in excellent cond., never raced. Asking \$2,000. H. Spiess, Ext. 693 or G.Rover 5-1951.

1960 OPEL - purchased April. R&h, full set of gauges. Dick Majestic, Ext. 686 or Bellport 7-0192 R.

1957 RENAULT 4CV - 4 dr. sedan, 32,000 mi. Heater. \$475. Ext. 301-15.

CLASSIC FORD LOOK WITH THUNDERBIRD PERFORMANCE - 1954 Ranch Wagon, 6 cyl., 2 dr., r&h, stick shift. 73,000 total mi. 40,000 on replacement engine. Paint job, interior condition? Standard for a 1954 car. 3 bills takes it. L.E. Fuller, Ext. 2363 or Bellport 7-1447.

RANCH HOUSE - 3 bedrooms, 1 bath, living rm., dining rm., kitchen. Air conditioned. Screened porch, awnings, full finished basement, garage. Baseboard heat. Lot 100X100. Fully landscaped. 4 yrs old. BE 7-0220.

HOUSE - Yaphank, on well landscaped wooded corner lot, 125X200 ft., with 2 bedrooms on main floor, 1 in basement, full cellar, modern kitchen, dishwasher, large closets, 4 yrs. old, 10 min. from Lab. \$10,800. YA 4-6589.

RANCH HOUSE - 1850 sq. ft. 3 bedrooms, 2 baths, 27 ft. living rm., fireplace, hot water heat, garage. Plot 90X276 ft. Landscaped with flowering and fruit trees. Black top driveway. After 6, BAyport 8-0029.

HOUSE - N. Huntington area. 3 bedrm., brick ranch & attached 2 car garage on wooded 1/3 acre plot. Fireplace, patio, storm windows, semi-finished basement, 5 min. from beaches and Huntington harbor. \$20,000. HAmilton 1-3847.

COFFEE TABLE - beautiful mahogany, oval, 4 Duncan Phyfe legs, with fitted glass protecting top; condition and appearance excellent. Only reason for selling; acquired king size marble topper. Make offer. SAyville 4-3269.

BABY HIGH CHAIR - blue and in good condition. Ext. 528.

KENMORE AUTOMATIC WASHER - 10 lb. Controls water level, temp., complete timing cycle. Excellent cond. \$80. Jake, Ext. 2208.

FOR RENT

APARTMENT - 2 rms. Furnished. All utilities. Centrally located in Patchogue. G.Rover 5-1880.

WANTED

CHILD'S CRIB - any shape, size, or condition. Evans, Ext. 388.

CAR POOL

Want to join car pool from East Setauket area. Reed, Ext. 2204.

Car pool from Central Islip or Islip. Anthony Muscarella, Ext. 791.